

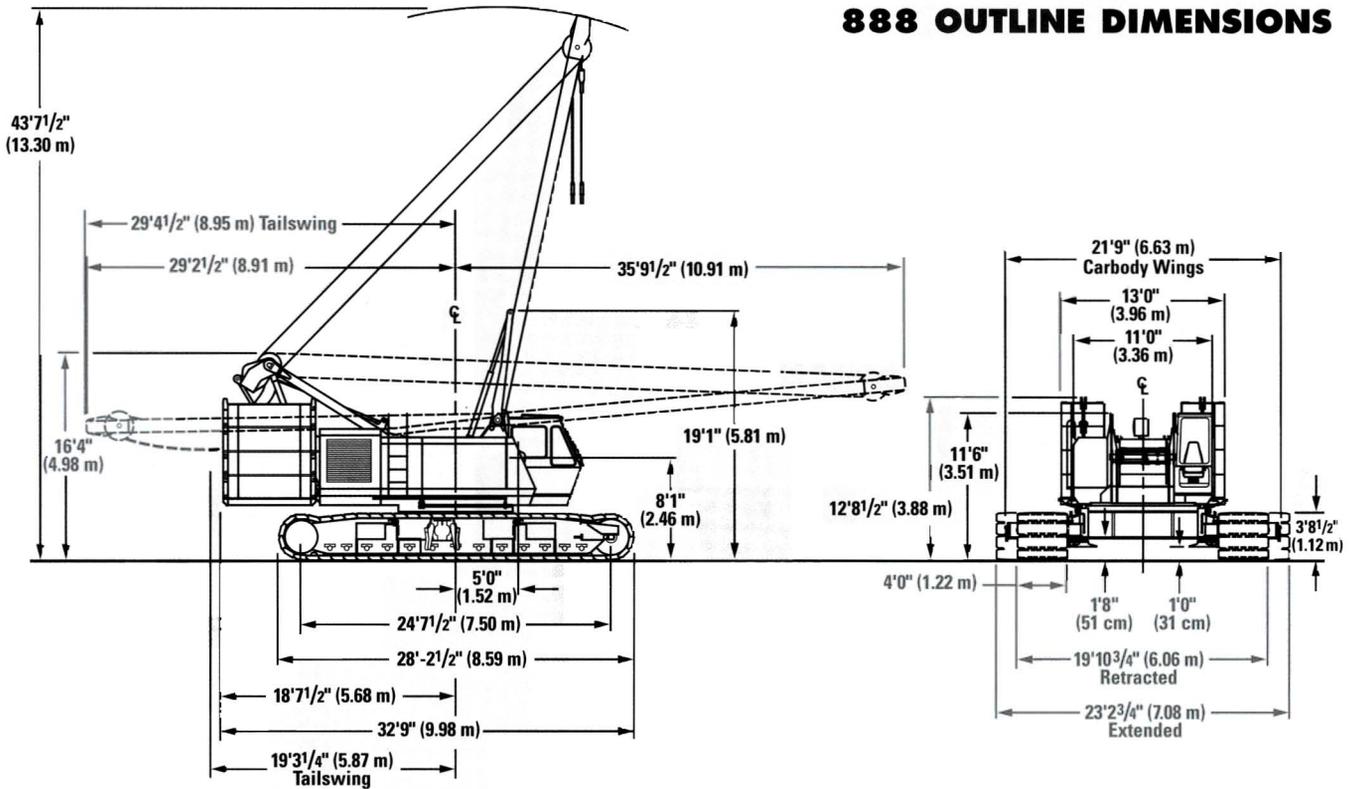


**Manitowoc**

**888**

**EVERYTHING YOU WANT  
FROM A CRANE...  
CAPACITY, MOBILITY,  
& RELIABILITY**

**230-Ton (209-mton) Liftcrane  
32,000 Lb. (14,515 Kg) Clamshell  
20,000 Lb. (9,072 Kg) Dragline**



## UPPERWORKS

**ROTATING BED:** High-strength fabricated steel rotating bed is mounted on 108 $\frac{3}{4}$ " (2.76 m) diameter turntable bearing.

**HOIST DRUMS:** Two full-width hoist drums are standard. Both drums are 37" (94 cm) wide and 19 $\frac{1}{2}$ " (49.5 cm) in diameter. Each is antifriction bearing mounted and driven independently by a variable-displacement hydraulic motor coupled to a planetary reduction. External contracting brakes mounted to the drum shafts are air applied and equipped with spring-set air-released parking brakes. A bi-directional redundant brake mounted between the hydraulic motor and planetary drive is standard for each hoist, and each drum is equipped with ratchet and pawl. A freefall clutch, laggings, and other options are available.

**BOOM HOIST:** Independent boom hoist is powered by a variable-displacement hydraulic motor coupled to a planetary reduction. It is equipped with a bi-directional brake and a ratchet-and-pawl. The boom hoist drum is grooved and measures 13 $\frac{3}{8}$ " (34.6 cm) wide by 18 $\frac{3}{4}$ " (47.6 cm) in diameter.

**SWING SYSTEM:** Independent swing is powered by a fixed-displacement hydraulic motor coupled to an internal brake and planetary reduction. System includes swing lock.

**OPERATOR'S STATION:** Fully enclosed and insulated steel module mounted to the left front corner of the rotating bed. Module is equipped with sliding door, large safety glass windows on all sides and in roof. Standard equipment includes electric horn, cab space heater, dome light, fire extinguisher, air-circulating fan, and windshield wipers for upper front window, lower front window, and roof window.

**ENGINE:** Cummins M11 diesel engine rated 330 HP (246 kW) at 2,100 RPM provides independent power for all machine operations through the multi-hydraulic-pump transmission. Power system includes engine block heater (120V), ether starting aid, transmission disconnect clutch, high-silencing muffler, alcohol injector in air line, hydraulic oil cooler, radiator, and fan.

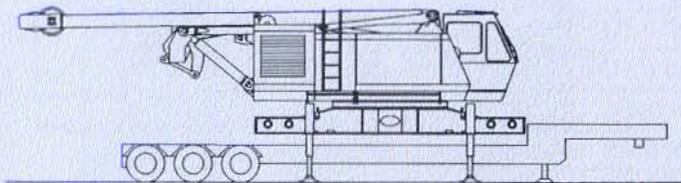
**CONTROLS:** Modulating electronic-over-hydraulic controls provide infinite speed response directly proportional to control lever movement. Controls include Manitowoc's exclusive EPIC® control system providing microprocessor driven control logic, pump control, on-board diagnostics and service information. Block up limit control and drum-rotation indicator are standard for hoist and whip falls.

## LOWERWORKS

**CARBODY:** Connects rotating bed to crawlers. High-strength fabricated steel assembly with patented FACT™ connection system for fast removal of crawler assemblies. Optional self-assembly system includes four hydraulic jacks that raise entire upperworks-and-carbody unit off the transport trailer. Hydraulic jacks support this unit during crawler installation and removal.

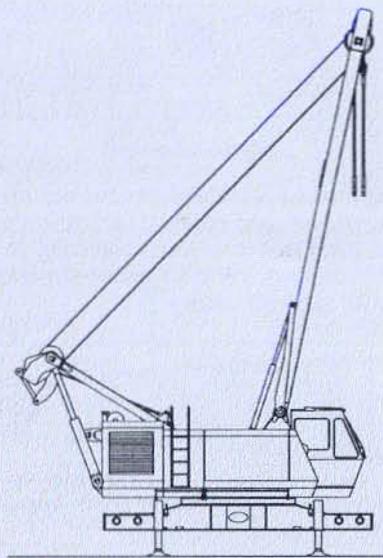
**CRAWLERS:** Crawlers are 28 $\frac{1}{2}$ " (8.59 m) long steel fabrication with 48" (1.22 m) wide cast steel crawler tread and sealed low-maintenance intermediate rollers. Each crawler is powered independently by a variable-displacement hydraulic motor. Crawlers provide ample tractive effort to counter rotate with full rated liftcrane capacities. Each crawler includes two hydraulically powered pins for fast installation and removal from carbody.

## 888 SELF-ASSEMBLY



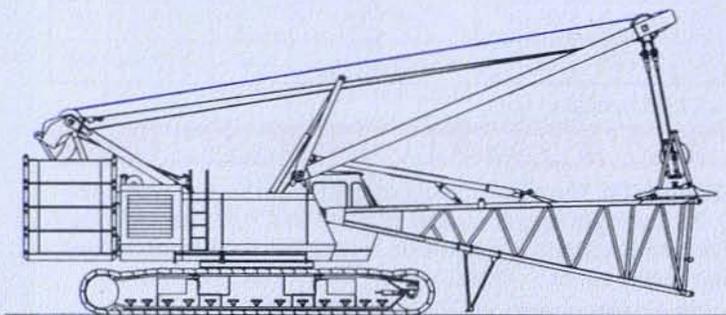
**1**

The main shipping module, including carbody, upperworks, gantry, mast, and boom-hoist reeving, arrives as a unit. Optional hydraulic jacks mounted on the carbody raise the unit off its transport trailer.



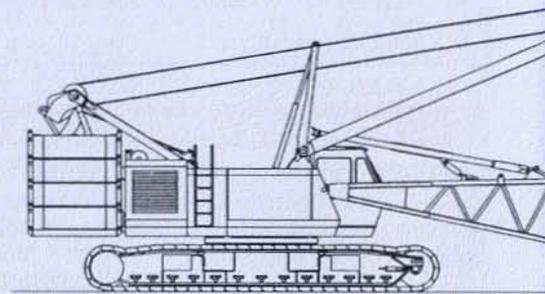
**2**

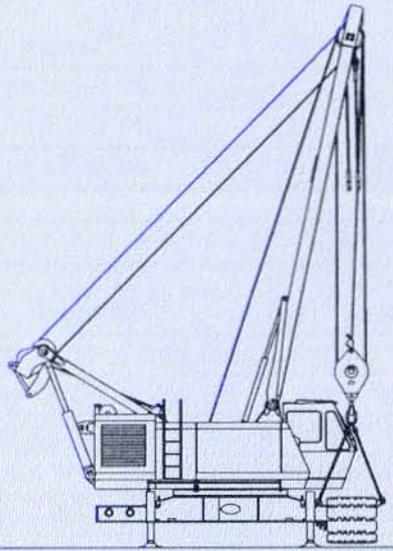
Hydraulic cylinders raise the gantry to working position and lift the mast to vertical. The boom hoist rigging then lowers the mast so it can be rigged with the set-up load block. Wire rope from one of the hoist drums is reeved through sheaves in the mast to rig the block.



**5**

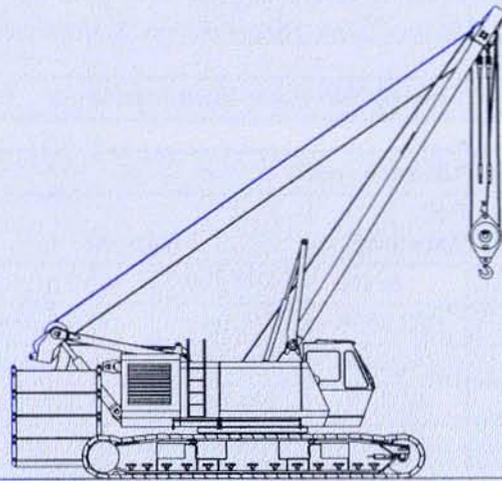
The mast is used to lay out boom sections and install the boom butt. Power-activated pins simplify installation of the butt.





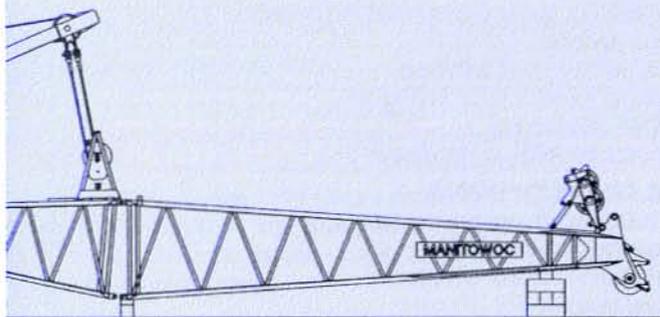
**3**

The mast is used to install the crawlers, handle boom sections, stack the counterweights, and lift other components. Crawlers attach using FACT alignment surfaces and powered pins.



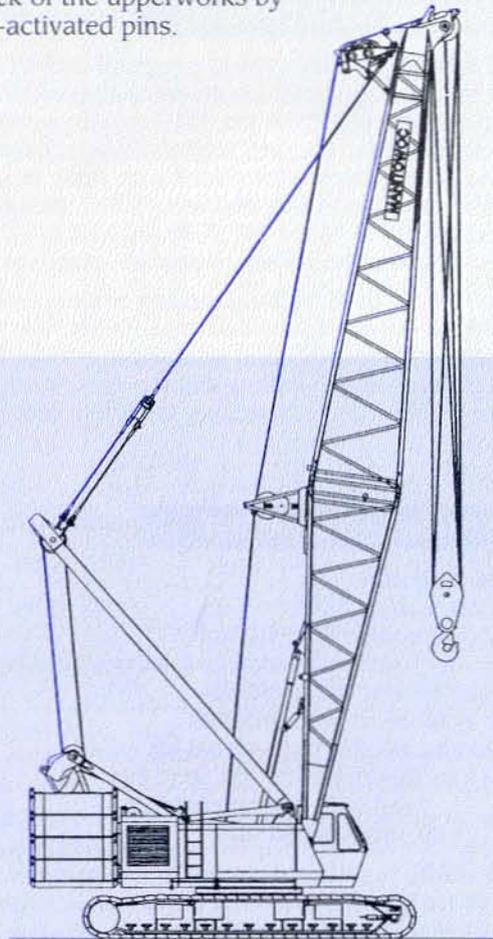
**4**

The gantry is lowered and pinned to the assembled counterweight. Hydraulic cylinders raise the gantry and counterweight to working position. The counterweight is then connected to the back of the upperworks by power-activated pins.



**6**

Boom inserts and top are pinned to the boom butt. Boom-support pendants are pinned to the mast and boom top. Main and auxiliary load lines are reeved.



**7**

The assembled 888 booms up and is ready to work.

# PERFORMANCE DATA

| Wire Rope Specifications |       |                                |                     |                        |   |
|--------------------------|-------|--------------------------------|---------------------|------------------------|---|
| Application              | Dia.  | Description                    | Breaking Strength   | Weight                 | Length  |
| Lift                     | 26 mm | 2160 Grade, Rotation Resistant | 147,500 lb (657 kN) | 2.13 lb/ft (3.17 kg/m) | 1,625' (495.3 m) Hoist<br>1,010' (307.8 m) Whip |
| Boom Hoist               | 22 mm | 1960 Grade, Right Regular Lay  | 97,000 lb (431 kN)  | 1.46 lb/ft (2.17 kg/m) | 1,060' (323.1 m)                                |

| Single Line Pull vs. Speed*        |            |           |            |           |             |           |             |
|------------------------------------|------------|-----------|------------|-----------|-------------|-----------|-------------|
| Line Pull<br>(Infinitely Variable) |            | 1st Layer |            | 4th Layer |             | 7th Layer |             |
| 0 lb                               | (0 kN)     | 272 fpm   | (83.0 mpm) | 351 fpm   | (107.0 mpm) | 430 fpm   | (131.1 mpm) |
| 5,000 lb                           | (22.2 kN)  | 261 fpm   | (79.6 mpm) | 333 fpm   | (101.5 mpm) | 404 fpm   | (123.1 mpm) |
| 10,000 lb                          | (44.5 kN)  | 251 fpm   | (76.5 mpm) | 316 fpm   | (96.3 mpm)  | 378 fpm   | (115.2 mpm) |
| 15,000 lb                          | (66.7 kN)  | 240 fpm   | (73.2 mpm) | 298 fpm   | (90.8 mpm)  | 319 fpm   | (97.2 mpm)  |
| 20,000 lb                          | (89.0 kN)  | 229 fpm   | (69.8 mpm) | 245 fpm   | (74.7 mpm)  | 260 fpm   | (79.2 mpm)  |
| 25,000 lb                          | (111.2 kN) | 194 fpm   | (59.1 mpm) | 209 fpm   | (63.7 mpm)  | 225 fpm   | (68.6 mpm)  |
| 29,500 lb                          | (131.2 kN) | 172 fpm   | (52.4 mpm) | 188 fpm   | (53.3 mpm)  | 203 fpm   | (61.9 mpm)  |

\*Based on 1 9/16" (49.5 cm) diameter smooth drum.

**SWING SPEED:** 2.0 RPM.

**TRAVEL SPEED:** 1.0 MPH (1.61 KPH.)

**GRADEABILITY:** 30%

**BOOM HOIST SPEED:** 290' (88.4 m) boom, 0° to 82°; 2 minutes, 50 seconds.

## LIFTCRANE ATTACHMENT

**BASIC BOOM:** The liftcrane is equipped with 70' (21.34 m) No. 22EL basic boom consisting of 30' (9.14 m) butt and 40' (12.19 m) No. 22L top with seven 30" (76.2 cm) diameter sheaves (eighth sheave optional). Includes rope guides, boom-hoist wire rope, boom-angle indicator, and hook and weight ball. Boom inserts available in 10' (3.05 m), 20' (6.10 m), and 40' (12.19 m) lengths. Powered boom-hinge pins are standard

**MAST:** The 32' (9.75 m) long moving mast connects the boom-hoist reeving to the boom pendants. The mast facilitates self assembly and disassembly of the Model 888. It is capable of handling the crawlers, stacking the counterweights, and assembling the boom and jib.

**GANTRY:** Gantry includes hydraulic gantry-raising cylinders capable of lifting the entire upperworks counterweight for self-removal and installation.

**BOOM STOP:** Air-cushioned physical boom stop and automatic boom stop.

**COUNTERWEIGHT:** The 8-piece counterweight assembly for the 888 Series-1 weighs 144,100 lb (65,360 kg). It consists of a counterweight tray 21,050 lb (9,548 kg), a center counterweight 18,000 lb (8,165 kg), and six upper side counterweights 17,500 (7,938 kg) each. The Series-2 counterweight option includes two additional upper side counterweights 17,500 lb (7,938 kg) each and two carbody counterweights 22,000 lb (9,979 kg) each, for a total counterweight of 223,100 lb (101,200 kg).

## OPTIONAL EQUIPMENT

### BOOM AND JIB:

**Boom No. 22E or 22EL**

10' (3.05 m) Insert with pendants

10' (3.05 m) Insert with pendants (used with auxiliary drum)

20' (6.10 m) Insert with pendants

40' (12.19 m) Insert with pendants

40' (12.19 m) No. 22C Open-throat boom top

30' (9.14 m) Tapered insert with pendants  
(used with light tapered top)

50' (15.24 m) Light tapered top

### Jib No. 123

30' (9.14 m) Jib with mounting parts

10' (3.05 m) Insert with pendants

### Jib No. 134

30' (9.14 m) Jib with mounting parts

10' (3.05 m) Insert with pendants

20' (6.10 m) Insert with pendants

### ATTACHMENTS:

Load blocks

Single-sheave upper boom point (whipline)

Series-2 package

No. 135 luffing-jib attachment

No. 138 jib extension for luffing-jib

RINGER® attachment

Other attachments on request

### BASIC CRANE OPTIONS:

Air conditioner in operator's cab

Foot control for travel

Self-assembly system with jacks

Grooved laggings for liftcrane

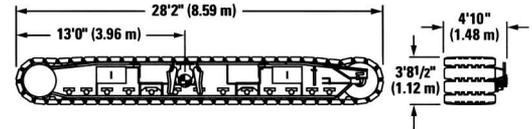
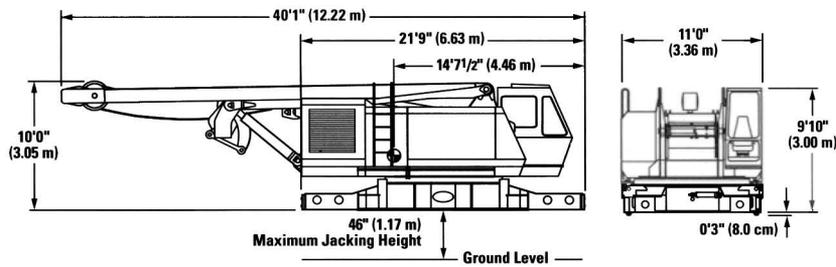
Grooved laggings for clamshell

Load-moment indicator (LMI)

High-speed third drum with 20,000-lb (9,072 kg) line pull

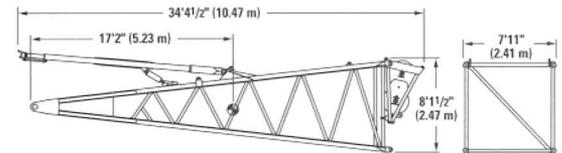
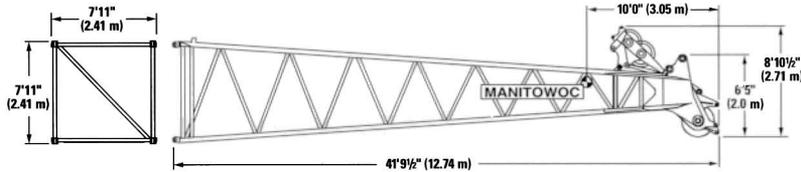
Free-fall clutch

High-speed hoist drive



Crawler assembly (2), each 18,733 kg (41,300 lb.).

Main shipping module (carbody, upperworks, operator's cab, gantry, mast, boom-hoist wire rope, and optional self-assembly jacks): 38,329 kg (84,500 lb.). For maximum hoist and whip lines, add 2,722 kg (6,000 lb.). Maximum trailer height for self assembly: 1.07 m (42"). Space between jacks will accommodate trailers up to 3.05 m (10') wide.



Boom top with seven-sheave lower point, upper wire-rope guide, and basic pendants: 5,030 kg (11,090 lb.).

Boom butt with lower wire-rope guide and air-cushioned physical boom stop: 4,654 kg (10,260 lb.).

| Component  | Weight |          | Length |         | Width  |        | Height |         |
|--|--------|----------|--------|---------|--------|--------|--------|---------|
|  | Lbs.   | (kg)     | Ft.    | (m)     | Ft.    | (m)    | Ft.    | (m)     |
| Upperworks counterweight tray  | 21,050 | (9,548)  | 13'0"  | (3.96)  | 7'4"   | (2.24) | 1'0½"  | (0.32)  |
| Upperworks center counterweight  | 18,000 | (8,165)  | 7'6½"  | (2.30)  | 4'1½"  | (1.26) | 5'0"   | (1.52)  |
| Upperworks side counterweight (6 for Series-1; 8 for Series-2) ea.           | 17,500 | (7,938)  | 7'4"   | (2.24)  | 3'6"   | (1.07) | 2'3"   | (0.69)  |
| Carbody counterweight (2) (used only on Series-2) ea.                        | 22,000 | (9,979)  | 9'10½" | (3.01)  | 4'10½" | (1.49) | 2'4"   | (0.72)  |
| 10' (3.05 m) No. 22 boom insert with pendants                                | 1,935  | (878)    | 10'6"  | (3.20)  | 7'11"  | (2.41) | 7'11"  | (2.41)  |
| 20' (6.10 m) No. 22 boom insert with pendants                                | 3,130* | (1,420)* | 20'6"  | (6.25)  | 7'11"  | (2.41) | 7'11"* | (2.41)* |
| 40' (12.19 m) No. 22 boom insert with pendants                               | 5,300* | (2,404)* | 40'6"  | (12.34) | 7'11"  | (2.41) | 7'11"* | (2.41)* |
| 40' (12.19 m) No. 22C open-throat boom top with pendants and wire-rope guide | 11,795 | (4,668)  | 45'9"  | (13.94) | 7'11"  | (2.41) | 10'6½" | (3.21)  |
| 30' (9.14 m) basic No. 123 jib with strut and pendants                       | 2,095  | (950)    | 31'6"  | (9.60)  | 2'6"   | (0.76) | 3'0"   | (0.91)  |
| 30' (9.14 m) basic No. 134 jib with strut and pendants                       | 3,443  | (1,562)  | 31'6"  | (9.60)  | 2'6"   | (0.76) | 3'0"   | (0.91)  |
| 10' (3.05 m) insert (with pendants) for No.123 or No. 134 jib                | 480    | (218)    | 10'6"  | (3.20)  | 2'6"   | (0.76) | 2'6"   | (0.76)  |
| 20' (6.10 m) No. 134 jib insert with pendants                                | 750    | (340)    | 20'3"  | (6.17)  | 2'7"   | (0.79) | 2'7"   | (0.79)  |
| 27' (8.23 m) No. 135 luffing-jib butt  | 2,285  | (1,036)  | 27'7"  | (8.41)  | 5'0"   | (1.52) | 4'1"   | (1.24)  |
| 23' (7.01 m) No. 135 luffing-jib top with pendants                           | 3,150  | (1,429)  | 25'7"  | (7.80)  | 5'0"   | (1.52) | 4'10"  | (1.47)  |
| Main strut for No. 135 luffing-jib   | 3,400  | (1,542)  | 24'11" | (7.59)  | 5'1"   | (1.55) | 2'3"   | (0.69)  |
| Jib strut for No. 135 luffing-jib  | 4,500  | (2,041)  | 28'5"  | (8.66)  | 5'0"   | (1.52) | 2'3"   | (0.69)  |
| 10' (3.05 m) No. 135 luffing-jib insert with pendants                        | 845    | (383)    | 10'4"  | (3.15)  | 5'0"   | (1.52) | 4'1"   | (1.24)  |
| 20' (6.10 m) No. 135 luffing-jib insert with pendants                        | 1,350  | (612)    | 20'4"  | (6.20)  | 5'0"   | (1.52) | 4'1"   | (1.24)  |
| 40' (12.19 m) No. 135 luffing-jib insert with pendants                       | 2,320  | (1,052)  | 40'4"  | (12.29) | 5'0"   | (1.52) | 4'1"   | (1.24)  |
| Box of miscellaneous parts   | 4,700  | (2,132)  | 7'6"   | (2.29)  | 3'4"   | (1.02) | 2'10"  | (0.86)  |

\*Add 45 kg (100 lbs.) to weight and 13 cm (5") to height for inserts with jib backstay lugs.

**MANITOWOC'S 888...EVERYTHING YOU WANT FROM A CRANE:**

**CAPACITY:** 209-mton (230-ton) maximum capacity. Outlifts many 250 mt (275-ton) lattice-boom cranes and 400 mt (400-ton) telescopic-boom cranes at useful boom lengths and normal working radii.

**RELIABILITY:** The 888 is designed and manufactured to deliver the same performance and long life that have earned other Manitowoc cranes a worldwide reputation for reliability and high resale value.

**MOBILITY:** Complete 888 Series-1 with 79.2 m (260') of boom ships on 10 trucks. 888 Series-2 with 88.4 m (290') of boom ships on 11 trucks.

**CODE COMPLIANCE:** Manitowoc has built the 888 to comply with all major operating codes. Consult your Manitowoc distributor for details.





# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

## 888 SERIES 2

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**360 Degree Rating**

**LIFTING CAPACITIES:** Capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (\*). Capacities indicated by (b) require 12,500 Lb. minimum weight. Capacities are not shown for boom positions which, without load, provide less than required ANSI B30.5 backward stability.

Upper boom point capacity for liftcrane service with single part whip line is 29,500 Lbs. or 59,000 Lbs. with two part whip line. When boom butt mounted auxiliary drum is used, capacity with single part whip line is 20,000 Lbs. or 40,000 Lbs. with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

250 Ft. thru 290 Ft. boom lengths require only the middle two sheaves in lower boom point. All other sheaves must be removed from lower boom point.

Weight of jib, all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and jib point sheaves, is considered part of main boom load. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

**OPERATING CONDITIONS:** Machine to operate in a level position on a firm uniformly supporting surface with gantry up. Refer to boom rigging **No. 177156** or **No. 177353** and Wire Rope Specification chart **No. 7810-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

**MACHINE TRAVEL:** Machine to travel on a firm, level and uniformly supporting surface and boom within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 7808-A**.

**OPERATING RADIUS:** Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

**BOOM POINT ELEVATION:** Boom point elevation is vertical distance from ground level to centerline of boom point shaft.

**MACHINE EQUIPMENT:** Machine equipped with 28 Ft. 2 in. extendible crawlers, 48 in. treads, 10 Ft. 3 in. retractable gantry, 30 Ft. live mast, 20 part boom hoist reeving, four 1-3/8 in. boom pendants, 179,100 Lb. crane counterweight and 44,000 Lb. carbody counterweight.

| Deduct From Capacities<br>When Jib Is Attached |             |
|--|-------------|
| Jib Length                                     | Jib No. 134 |
| 30 Ft.   | 2,700 Lbs.  |
| 40 Ft.   | 3,500 Lbs.  |
| 50 Ft.   | 4,300 Lbs.  |
| 60 Ft.   | 5,100 Lbs.  |
| 70 Ft.   | 6,100 Lbs.  |
| 80 Ft.   | 7,100 Lbs.  |

| Maximum Boom and Jib Lengths Lifted Unassisted |             |                                  |             |                                   |             |                                    |             |
|--|-------------|----------------------------------|-------------|-----------------------------------|-------------|------------------------------------|-------------|
| Over Front of<br>Blocked Crawlers              |             | Over Rear of<br>Blocked Crawlers |             | Over Side of<br>Extended Crawlers |             | Over Side of<br>Retracted Crawlers |             |
| Boom Length                                    | Jib No. 134 | Boom Length                      | Jib No. 134 | Boom Length                       | Jib No. 134 | Boom Length                        | Jib No. 134 |
| (a) 290 Ft.                                    | —           | (a) 280 Ft.                      | —           | (a) 260 Ft.                       | —           | 230 Ft.                            | —           |
| 280 Ft.  | —           | 270 Ft.                          | —           | 250 Ft.                           | —           | 220 Ft.                            | 30 Ft.      |
| 270 Ft.  | —           | 260 Ft.                          | 40 Ft.      | 240 Ft.                           | —           | 210 Ft.                            | 60 Ft.      |
| 260 Ft.  | 50 Ft.      | 250 Ft.                          | 70 Ft.      | 230 Ft.                           | 50 Ft.      | 200 Ft.                            | 80 Ft.      |
| 250 Ft.  | 80 Ft.      | 240 Ft.                          | 80 Ft.      | 220 Ft.                           | 80 Ft.      |                                    |             |

Load block, hook and weight ball on ground at start. (a) Upper boom point cannot be used on 290 Ft. boom and cannot be lifted over rear of blocked crawlers on 280 Ft. boom or side of extended crawlers on 260 Ft. boom.

Consult jib chart for jib capacities. Upper boom point cannot be used when jib is attached.



# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

# 888 SERIES 2

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**360 Degree Rating**

| Oper. Rad. Feet    | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|--------------------|----------------|-----------------------|---|--|
| <b>70 Ft. Boom</b> |                |                       |   |  |
| 16                 | 82.8           | 77.2                  |   | 441,000 *b                             |
| 17                 | 82.0           | 77.1                  |   | 408,300 *b                             |
| 18                 | 81.1           | 76.9                  |   | 386,800 *b                             |
| 19                 | 80.3           | 76.7                  |   | 367,400 *b                             |
| 20                 | 79.5           | 76.5                  |   | 349,800 *b                             |
| 22                 | 77.8           | 76.0                  |   | 319,000 *b                             |
| 24                 | 76.1           | 75.5                  |   | 293,000 *b                             |
| 26                 | 74.4           | 74.9                  |   | 270,700 *                              |
| 28                 | 72.7           | 74.2                  |   | 251,400 *                              |
| 30                 | 70.9           | 73.5                  |   | 234,400 *                              |
| 32                 | 69.2           | 72.7                  |   | 219,000                                |
| 34                 | 67.4           | 71.8                  |   | 199,600                                |
| 36                 | 65.6           | 70.9                  |   | 183,200                                |
| 38                 | 63.7           | 69.8                  |   | 169,100                                |
| 40                 | 61.9           | 68.7                  |   | 156,900                                |
| 42                 | 60.0           | 67.5                  |   | 146,200                                |
| 44                 | 58.0           | 66.2                  |   | 136,800                                |
| 46                 | 56.0           | 64.8                  | 109,400                                 | 128,400                                |
| 48                 | 54.0           | 63.4                  | 103,100                                 | 120,900                                |
| 50                 | 51.9           | 61.7                  | 97,500                                  | 114,100                                |
| 55                 | 46.3           | 57.1                  | 85,500                                  | 99,800                                 |
| 60                 | 40.1           | 51.4                  | 75,700                                  | 88,300                                 |
| 65                 | 32.9           | 44.2                  | 67,700                                  | 78,900                                 |
| 70                 | 23.7           | 34.1                  | 60,800                                  | 70,900                                 |
| <b>80 Ft. Boom</b> |                |                       |   |  |
| 17                 | 83.0           | 87.2                  |   | 405,400 *b                             |
| 18                 | 82.3           | 87.0                  |   | 386,000 *b                             |
| 19                 | 81.5           | 86.9                  |   | 366,700 *b                             |
| 20                 | 80.8           | 86.7                  |   | 349,100 *b                             |
| 22                 | 79.3           | 86.3                  |   | 318,300 *b                             |
| 24                 | 77.9           | 85.8                  |   | 292,200 *b                             |
| 26                 | 76.4           | 85.3                  |   | 270,000 *                              |
| 28                 | 74.9           | 84.7                  |   | 250,600 *                              |
| 30                 | 73.4           | 84.1                  |   | 233,700 *                              |
| 32                 | 71.9           | 83.4                  |   | 218,800 *                              |
| 34                 | 70.4           | 82.7                  |   | 199,800                                |
| 36                 | 68.8           | 81.9                  |   | 183,400                                |
| 38                 | 67.3           | 81.0                  |   | 169,300                                |
| 40                 | 65.7           | 80.0                  |   | 157,000                                |
| 42                 | 64.1           | 79.0                  |   | 146,300                                |
| 44                 | 62.4           | 78.0                  | 116,200                                 | 136,900                                |
| 46                 | 60.8           | 76.8                  | 109,300                                 | 128,500                                |
| 48                 | 59.1           | 75.6                  | 103,100                                 | 120,900                                |
| 50                 | 57.4           | 74.3                  | 97,400                                  | 114,200                                |
| 55                 | 52.9           | 70.6                  | 85,400                                  | 99,800                                 |
| 60                 | 48.2           | 66.2                  | 75,700                                  | 88,300                                 |
| 65                 | 43.0           | 61.0                  | 67,600                                  | 78,900                                 |
| 70                 | 37.3           | 54.8                  | 60,900                                  | 71,000                                 |
| 75                 | 30.6           | 46.9                  | 55,100                                  | 64,300                                 |
| 80                 | 22.0           | 36.0                  | 50,000                                  | 58,500                                 |

| Oper. Rad. Feet    | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|--------------------|----------------|-----------------------|---|--|
| <b>90 Ft. Boom</b> |                |                       |   |  |
| 19                 | 82.5           | 97.0                  |   | 365,000 *b                             |
| 20                 | 81.8           | 96.8                  |   | 348,600 *b                             |
| 22                 | 80.5           | 96.5                  |   | 317,800 *b                             |
| 24                 | 79.2           | 96.1                  |   | 291,800 *b                             |
| 26                 | 77.9           | 95.6                  |   | 269,500 *                              |
| 28                 | 76.6           | 95.1                  |   | 250,200 *                              |
| 30                 | 75.3           | 94.6                  |   | 233,300 *                              |
| 32                 | 74.0           | 94.0                  |   | 218,400 *                              |
| 34                 | 72.6           | 93.3                  |   | 200,100                                |
| 36                 | 71.3           | 92.6                  |   | 183,600                                |
| 38                 | 69.9           | 91.8                  |   | 169,400                                |
| 40                 | 68.6           | 91.0                  |   | 157,200                                |
| 42                 | 67.2           | 90.1                  | 124,000                                 | 146,400                                |
| 44                 | 65.8           | 89.2                  | 116,300                                 | 137,000                                |
| 46                 | 64.3           | 88.2                  | 109,300                                 | 128,500                                |
| 48                 | 62.9           | 87.2                  | 103,100                                 | 121,000                                |
| 50                 | 61.4           | 86.0                  | 97,400                                  | 114,200                                |
| 55                 | 57.7           | 82.9                  | 85,400                                  | 99,900                                 |
| 60                 | 53.8           | 79.3                  | 75,700                                  | 88,400                                 |
| 65                 | 49.6           | 75.2                  | 67,600                                  | 79,000                                 |
| 70                 | 45.2           | 70.4                  | 60,900                                  | 71,100                                 |
| 75                 | 40.4           | 64.7                  | 55,200                                  | 64,400                                 |
| 80                 | 35.0           | 57.9                  | 50,200                                  | 58,700                                 |
| 85                 | 28.7           | 49.4                  | 45,800                                  | 53,600                                 |
| 90                 | 20.7           | 37.7                  | 41,900                                  | 49,200                                 |



# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

# 888 SERIES 2

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**360 Degree Rating**

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|---------------------|----------------|-----------------------|---|--|
| <b>100 Ft. Boom</b> |                |                       |   |  |
| 20                  | 82.7           | 107.0                 |   | 348,200 *b                             |
| 22                  | 81.5           | 106.6                 |   | 317,500 *b                             |
| 24                  | 80.3           | 106.3                 |   | 291,500 *b                             |
| 26                  | 79.2           | 105.9                 |   | 269,200 *                              |
| 28                  | 78.0           | 105.4                 |   | 249,900 *                              |
| 30                  | 76.8           | 104.9                 |   | 233,000 *                              |
| 32                  | 75.6           | 104.4                 |   | 218,100 *                              |
| 34                  | 74.4           | 103.8                 |   | 200,200                                |
| 36                  | 73.2           | 103.2                 |   | 183,700                                |
| 38                  | 72.0           | 102.5                 |   | 169,600                                |
| 40                  | 70.8           | 101.8                 |   | 157,300                                |
| 42                  | 69.6           | 101.0                 | 124,100                                 | 146,600                                |
| 44                  | 68.3           | 100.2                 | 116,300                                 | 137,100                                |
| 46                  | 67.1           | 99.3                  | 109,400                                 | 128,600                                |
| 48                  | 65.8           | 98.4                  | 103,100                                 | 121,100                                |
| 50                  | 64.6           | 97.4                  | 97,500                                  | 114,300                                |
| 55                  | 61.3           | 94.7                  | 85,400                                  | 100,000                                |
| 60                  | 57.9           | 91.6                  | 75,700                                  | 88,500                                 |
| 65                  | 54.4           | 88.1                  | 67,700                                  | 79,100                                 |
| 70                  | 50.8           | 84.1                  | 61,000                                  | 71,200                                 |
| 75                  | 46.9           | 79.5                  | 55,300                                  | 64,500                                 |
| 80                  | 42.7           | 74.3                  | 50,300                                  | 58,800                                 |
| 85                  | 38.2           | 68.1                  | 46,000                                  | 53,800                                 |
| 90                  | 33.1           | 60.8                  | 42,200                                  | 49,400                                 |
| 95                  | 27.2           | 51.7                  | 38,800                                  | 45,500                                 |
| 100                 | 19.5           | 39.4                  | 35,700                                  | 42,000                                 |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|---------------------|----------------|-----------------------|---|--|
| <b>110 Ft. Boom</b> |                |                       |   |  |
| 22                  | 82.3           | 116.8                 |   | 316,900 *                              |
| 24                  | 81.2           | 116.4                 |   | 290,900 *                              |
| 26                  | 80.2           | 116.1                 |   | 268,600 *                              |
| 28                  | 79.1           | 115.7                 |   | 249,300 *                              |
| 30                  | 78.0           | 115.2                 |   | 232,400 *                              |
| 32                  | 77.0           | 114.7                 |   | 217,500 *                              |
| 34                  | 75.9           | 114.2                 |   | 200,300                                |
| 36                  | 74.8           | 113.6                 |   | 183,700                                |
| 38                  | 73.7           | 113.0                 |   | 169,600                                |
| 40                  | 72.6           | 112.4                 | 132,800                                 | 157,300                                |
| 42                  | 71.5           | 111.7                 | 124,000                                 | 146,500                                |
| 44                  | 70.4           | 110.9                 | 116,200                                 | 137,000                                |
| 46                  | 69.3           | 110.2                 | 109,200                                 | 128,500                                |
| 48                  | 68.2           | 109.3                 | 103,000                                 | 121,000                                |
| 50                  | 67.0           | 108.5                 | 97,300                                  | 114,200                                |
| 55                  | 64.1           | 106.1                 | 85,200                                  | 99,800                                 |
| 60                  | 61.2           | 103.4                 | 75,500                                  | 88,300                                 |
| 65                  | 58.1           | 100.3                 | 67,500                                  | 78,900                                 |
| 70                  | 55.0           | 96.8                  | 60,800                                  | 71,000                                 |
| 75                  | 51.7           | 93.0                  | 55,000                                  | 64,300                                 |
| 80                  | 48.2           | 88.6                  | 50,100                                  | 58,600                                 |
| 85                  | 44.5           | 83.6                  | 45,800                                  | 53,600                                 |
| 90                  | 40.6           | 77.9                  | 42,000                                  | 49,300                                 |
| 95                  | 36.3           | 71.4                  | 38,600                                  | 45,400                                 |
| 100                 | 31.5           | 63.6                  | 35,600                                  | 41,900                                 |
| 105                 | 25.8           | 54.0                  | 32,800                                  | 38,800                                 |
| 110                 | 18.6           | 40.9                  | 30,300                                  | 36,000                                 |



# Liftcrane Boom Capacities

Meets  
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Requirements

# 888 SERIES 2

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**360 Degree Rating**

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|---------------------|----------------|-----------------------|---|--|
| <b>120 Ft. Boom</b> |                |                       |   |  |
| 22                  | 82.9           | 126.9                 |   | 309,900 *                              |
| 24                  | 82.0           | 126.6                 |   | 290,400 *                              |
| 26                  | 81.0           | 126.2                 |   | 268,100 *                              |
| 28                  | 80.0           | 125.9                 |   | 248,800 *                              |
| 30                  | 79.1           | 125.5                 |   | 232,000 *                              |
| 32                  | 78.1           | 125.0                 |   | 217,100 *                              |
| 34                  | 77.1           | 124.5                 |   | 200,300                                |
| 36                  | 76.1           | 124.0                 |   | 183,700                                |
| 38                  | 75.1           | 123.5                 | 142,600                                 | 169,500                                |
| 40                  | 74.1           | 122.9                 | 132,700                                 | 157,200                                |
| 42                  | 73.1           | 122.2                 | 123,900                                 | 146,400                                |
| 44                  | 72.1           | 121.6                 | 116,100                                 | 136,900                                |
| 46                  | 71.1           | 120.9                 | 109,100                                 | 128,500                                |
| 48                  | 70.1           | 120.1                 | 102,800                                 | 120,900                                |
| 50                  | 69.1           | 119.3                 | 97,200                                  | 114,100                                |
| 55                  | 66.5           | 117.2                 | 85,100                                  | 99,700                                 |
| 60                  | 63.8           | 114.7                 | 75,400                                  | 88,200                                 |
| 65                  | 61.1           | 112.0                 | 67,300                                  | 78,800                                 |
| 70                  | 58.3           | 109.0                 | 60,600                                  | 70,900                                 |
| 75                  | 55.4           | 105.6                 | 54,900                                  | 64,200                                 |
| 80                  | 52.4           | 101.8                 | 50,000                                  | 58,500                                 |
| 85                  | 49.3           | 97.5                  | 45,700                                  | 53,500                                 |
| 90                  | 46.0           | 92.8                  | 41,900                                  | 49,200                                 |
| 95                  | 42.5           | 87.5                  | 38,500                                  | 45,300                                 |
| 100                 | 38.7           | 81.4                  | 35,500                                  | 41,900                                 |
| 105                 | 34.6           | 74.4                  | 32,800                                  | 38,800                                 |
| 110                 | 30.0           | 66.2                  | 30,400                                  | 36,000                                 |
| 115                 | 24.7           | 56.1                  | 28,100                                  | 33,500                                 |
| 120                 | 17.7           | 42.4                  | 26,000                                  | 31,100                                 |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|---------------------|----------------|-----------------------|---|--|
| <b>130 Ft. Boom</b> |                |                       |   |  |
| 24                  | 82.6           | 136.7                 |   | 285,200 *                              |
| 26                  | 81.7           | 136.4                 |   | 267,800 *                              |
| 28                  | 80.8           | 136.0                 |   | 248,600 *                              |
| 30                  | 79.9           | 135.7                 |   | 231,700 *                              |
| 32                  | 79.0           | 135.3                 |   | 216,800 *                              |
| 34                  | 78.1           | 134.8                 |   | 200,400                                |
| 36                  | 77.2           | 134.3                 | 154,100                                 | 183,800                                |
| 38                  | 76.3           | 133.8                 | 142,600                                 | 169,600                                |
| 40                  | 75.4           | 133.3                 | 132,700                                 | 157,300                                |
| 42                  | 74.5           | 132.7                 | 123,900                                 | 146,500                                |
| 44                  | 73.5           | 132.1                 | 116,100                                 | 137,000                                |
| 46                  | 72.6           | 131.5                 | 109,100                                 | 128,500                                |
| 48                  | 71.7           | 130.8                 | 102,800                                 | 120,900                                |
| 50                  | 70.7           | 130.1                 | 97,100                                  | 114,100                                |
| 55                  | 68.4           | 128.1                 | 85,100                                  | 99,700                                 |
| 60                  | 66.0           | 125.9                 | 75,300                                  | 88,200                                 |
| 65                  | 63.5           | 123.4                 | 67,300                                  | 78,800                                 |
| 70                  | 61.0           | 120.7                 | 60,600                                  | 70,900                                 |
| 75                  | 58.4           | 117.6                 | 54,900                                  | 64,200                                 |
| 80                  | 55.8           | 114.3                 | 49,900                                  | 58,500                                 |
| 85                  | 53.0           | 110.6                 | 45,600                                  | 53,500                                 |
| 90                  | 50.2           | 106.5                 | 41,900                                  | 49,200                                 |
| 95                  | 47.2           | 101.9                 | 38,500                                  | 45,300                                 |
| 100                 | 44.0           | 96.8                  | 35,500                                  | 41,900                                 |
| 105                 | 40.7           | 91.2                  | 32,800                                  | 38,800                                 |
| 110                 | 37.1           | 84.8                  | 30,400                                  | 36,100                                 |
| 115                 | 33.2           | 77.4                  | 28,200                                  | 33,500                                 |
| 120                 | 28.8           | 68.7                  | 26,100                                  | 31,200                                 |
| 125                 | 23.6           | 58.1                  | 24,300                                  | 29,100                                 |
| 130                 | 17.0           | 43.8                  | 22,500                                  | 27,100                                 |



# Liftcrane Boom Capacities

Meets  
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 Requirements

# 888 SERIES 2

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**360 Degree Rating**

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|---------------------|----------------|-----------------------|---|--|
| <b>140 Ft. Boom</b> |                |                       |   |  |
| 26                  | 82.3           | 146.5                 |   | 267,300 *                              |
| 28                  | 81.5           | 146.2                 |   | 248,000 *                              |
| 30                  | 80.6           | 145.8                 |   | 231,200 *                              |
| 32                  | 79.8           | 145.5                 |   | 216,300 *                              |
| 34                  | 79.0           | 145.1                 | 167,100                                 | 200,300                                |
| 36                  | 78.1           | 144.6                 | 153,900                                 | 183,700                                |
| 38                  | 77.3           | 144.1                 | 142,500                                 | 169,400                                |
| 40                  | 76.4           | 143.6                 | 132,500                                 | 157,100                                |
| 42                  | 75.6           | 143.1                 | 123,700                                 | 146,300                                |
| 44                  | 74.7           | 142.5                 | 115,900                                 | 136,800                                |
| 46                  | 73.9           | 141.9                 | 108,900                                 | 128,300                                |
| 48                  | 73.0           | 141.3                 | 102,600                                 | 120,700                                |
| 50                  | 72.2           | 140.7                 | 96,900                                  | 113,900                                |
| 55                  | 70.0           | 138.9                 | 84,900                                  | 99,500                                 |
| 60                  | 67.8           | 136.8                 | 75,100                                  | 88,000                                 |
| 65                  | 65.5           | 134.6                 | 67,100                                  | 78,500                                 |
| 70                  | 63.3           | 132.1                 | 60,400                                  | 70,700                                 |
| 75                  | 60.9           | 129.3                 | 54,600                                  | 64,000                                 |
| 80                  | 58.5           | 126.3                 | 49,700                                  | 58,300                                 |
| 85                  | 56.1           | 123.0                 | 45,400                                  | 53,300                                 |
| 90                  | 53.5           | 119.3                 | 41,600                                  | 49,000                                 |
| 95                  | 50.9           | 115.3                 | 38,300                                  | 45,100                                 |
| 100                 | 48.2           | 110.9                 | 35,300                                  | 41,700                                 |
| 105                 | 45.3           | 106.1                 | 32,600                                  | 38,600                                 |
| 110                 | 42.3           | 100.7                 | 30,200                                  | 35,900                                 |
| 115                 | 39.1           | 94.7                  | 28,000                                  | 33,400                                 |
| 120                 | 35.7           | 87.9                  | 26,000                                  | 31,100                                 |
| 125                 | 31.9           | 80.2                  | 24,100                                  | 29,000                                 |
| 130                 | 27.7           | 71.2                  | 22,400                                  | 27,000                                 |
| 135                 | 22.7           | 60.1                  | 20,800                                  | 25,200                                 |
| 140                 | 16.3           | 45.2                  | 19,300                                  | 23,500                                 |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|---------------------|----------------|-----------------------|---|--|
| <b>150 Ft. Boom</b> |                |                       |   |  |
| 26                  | 82.8           | 156.6                 |   | 244,200 *                              |
| 28                  | 82.0           | 156.3                 |   | 238,700 *                              |
| 30                  | 81.3           | 156.0                 |   | 230,500 *                              |
| 32                  | 80.5           | 155.6                 |   | 215,600 *                              |
| 34                  | 79.7           | 155.3                 | 166,900                                 | 200,200                                |
| 36                  | 78.9           | 154.8                 | 153,700                                 | 183,600                                |
| 38                  | 78.2           | 154.4                 | 142,300                                 | 169,300                                |
| 40                  | 77.4           | 153.9                 | 132,300                                 | 157,000                                |
| 42                  | 76.6           | 153.5                 | 123,400                                 | 146,100                                |
| 44                  | 75.8           | 152.9                 | 115,600                                 | 136,600                                |
| 46                  | 75.0           | 152.4                 | 108,600                                 | 128,100                                |
| 48                  | 74.2           | 151.8                 | 102,300                                 | 120,500                                |
| 50                  | 73.4           | 151.2                 | 96,600                                  | 113,700                                |
| 55                  | 71.4           | 149.5                 | 84,500                                  | 99,200                                 |
| 60                  | 69.4           | 147.6                 | 74,800                                  | 87,700                                 |
| 65                  | 67.3           | 145.6                 | 66,700                                  | 78,200                                 |
| 70                  | 65.2           | 143.3                 | 60,000                                  | 70,300                                 |
| 75                  | 63.0           | 140.8                 | 54,200                                  | 63,700                                 |
| 80                  | 60.9           | 138.0                 | 49,300                                  | 57,900                                 |
| 85                  | 58.6           | 135.0                 | 45,000                                  | 53,000                                 |
| 90                  | 56.3           | 131.7                 | 41,200                                  | 48,600                                 |
| 95                  | 54.0           | 128.1                 | 37,900                                  | 44,800                                 |
| 100                 | 51.6           | 124.2                 | 34,900                                  | 41,300                                 |
| 105                 | 49.1           | 119.9                 | 32,200                                  | 38,300                                 |
| 110                 | 46.4           | 115.2                 | 29,800                                  | 35,500                                 |
| 115                 | 43.7           | 110.1                 | 27,600                                  | 33,000                                 |
| 120                 | 40.8           | 104.4                 | 25,600                                  | 30,700                                 |
| 125                 | 37.7           | 98.1                  | 23,700                                  | 28,600                                 |
| 130                 | 34.4           | 91.0                  | 22,000                                  | 26,700                                 |
| 135                 | 30.8           | 82.9                  | 20,500                                  | 24,900                                 |
| 140                 | 26.7           | 73.5                  | 19,000                                  | 23,200                                 |
| 145                 | 21.9           | 62.0                  | 17,600                                  | 21,700                                 |
| 150                 | 15.7           | 46.5                  | 16,300                                  | 20,200                                 |



# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

# 888 SERIES 2

Boom No. 22EL  
179,100 Lb. Crane Counterweight  
44,000 Lb. Carbody Counterweight  
360 Degree Rating

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|---------------------|----------------|-----------------------|---|--|
| <b>160 Ft. Boom</b> |                |                       |   |  |
| 28                  | 82.5           | 166.4                 |   | 228,900 *                              |
| 30                  | 81.8           | 166.1                 |   | 223,800 *                              |
| 32                  | 81.1           | 165.8                 | 182,200                                 | 215,000 *                              |
| 34                  | 80.4           | 165.4                 | 166,700                                 | 200,100                                |
| 36                  | 79.6           | 165.1                 | 153,500                                 | 183,400                                |
| 38                  | 78.9           | 164.6                 | 142,000                                 | 169,100                                |
| 40                  | 78.2           | 164.2                 | 132,000                                 | 156,700                                |
| 42                  | 77.4           | 163.7                 | 123,200                                 | 145,900                                |
| 44                  | 76.7           | 163.3                 | 115,300                                 | 136,400                                |
| 46                  | 76.0           | 162.7                 | 108,300                                 | 127,900                                |
| 48                  | 75.2           | 162.2                 | 102,000                                 | 120,300                                |
| 50                  | 74.5           | 161.6                 | 96,300                                  | 113,400                                |
| 55                  | 72.6           | 160.1                 | 84,200                                  | 99,000                                 |
| 60                  | 70.7           | 158.3                 | 74,500                                  | 87,400                                 |
| 65                  | 68.8           | 156.4                 | 66,400                                  | 77,900                                 |
| 70                  | 66.8           | 154.3                 | 59,700                                  | 70,000                                 |
| 75                  | 64.9           | 152.0                 | 53,900                                  | 63,400                                 |
| 80                  | 62.9           | 149.4                 | 49,000                                  | 57,600                                 |
| 85                  | 60.8           | 146.7                 | 44,700                                  | 52,700                                 |
| 90                  | 58.7           | 143.6                 | 40,900                                  | 48,300                                 |
| 95                  | 56.6           | 140.4                 | 37,600                                  | 44,500                                 |
| 100                 | 54.4           | 136.8                 | 34,600                                  | 41,000                                 |
| 105                 | 52.1           | 133.0                 | 31,900                                  | 38,000                                 |
| 110                 | 49.8           | 128.8                 | 29,500                                  | 35,200                                 |
| 115                 | 47.4           | 124.3                 | 27,300                                  | 32,700                                 |
| 120                 | 44.9           | 119.3                 | 25,300                                  | 30,400                                 |
| 125                 | 42.2           | 113.9                 | 23,400                                  | 28,300                                 |
| 130                 | 39.4           | 108.0                 | 21,800                                  | 26,400                                 |
| 135                 | 36.5           | 101.4                 | 20,200                                  | 24,600                                 |
| 140                 | 33.3           | 94.0                  | 18,700                                  | 23,000                                 |
| 145                 | 29.8           | 85.6                  | 17,400                                  | 21,500                                 |
| 150                 | 25.8           | 75.7                  | 16,100                                  | 20,000                                 |
| 155                 | 21.2           | 63.8                  | 14,900                                  | 18,700                                 |
| 160                 | 15.2           | 47.8                  | 13,800                                  | 17,400                                 |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|---------------------|----------------|-----------------------|---|--|
| <b>170 Ft. Boom</b> |                |                       |   |  |
| 28                  | 83.0           | 176.5                 |   | 213,500 *                              |
| 30                  | 82.3           | 176.2                 | 200,500                                 | 209,400 *                              |
| 32                  | 81.6           | 175.9                 | 182,100                                 | 205,400 *                              |
| 34                  | 80.9           | 175.6                 | 166,600                                 | 200,000                                |
| 36                  | 80.3           | 175.2                 | 153,400                                 | 183,300                                |
| 38                  | 79.6           | 174.9                 | 141,900                                 | 169,000                                |
| 40                  | 78.9           | 174.4                 | 131,900                                 | 156,600                                |
| 42                  | 78.2           | 174.0                 | 123,000                                 | 145,800                                |
| 44                  | 77.5           | 173.6                 | 115,200                                 | 136,200                                |
| 46                  | 76.8           | 173.1                 | 108,200                                 | 127,700                                |
| 48                  | 76.1           | 172.6                 | 101,900                                 | 120,100                                |
| 50                  | 75.4           | 172.0                 | 96,200                                  | 113,300                                |
| 55                  | 73.7           | 170.6                 | 84,100                                  | 98,800                                 |
| 60                  | 71.9           | 168.9                 | 74,300                                  | 87,200                                 |
| 65                  | 70.1           | 167.1                 | 66,200                                  | 77,800                                 |
| 70                  | 68.3           | 165.2                 | 59,500                                  | 69,900                                 |
| 75                  | 66.4           | 163.0                 | 53,800                                  | 63,200                                 |
| 80                  | 64.6           | 160.6                 | 48,800                                  | 57,500                                 |
| 85                  | 62.7           | 158.1                 | 44,500                                  | 52,500                                 |
| 90                  | 60.8           | 155.3                 | 40,700                                  | 48,100                                 |
| 95                  | 58.8           | 152.3                 | 37,400                                  | 44,300                                 |
| 100                 | 56.8           | 149.1                 | 34,400                                  | 40,900                                 |
| 105                 | 54.7           | 145.6                 | 31,700                                  | 37,800                                 |
| 110                 | 52.6           | 141.8                 | 29,300                                  | 35,000                                 |
| 115                 | 50.4           | 137.7                 | 27,100                                  | 32,500                                 |
| 120                 | 48.2           | 133.3                 | 25,100                                  | 30,300                                 |
| 125                 | 45.9           | 128.5                 | 23,300                                  | 28,200                                 |
| 130                 | 43.4           | 123.3                 | 21,600                                  | 26,300                                 |
| 135                 | 40.9           | 117.6                 | 20,000                                  | 24,500                                 |
| 140                 | 38.2           | 111.4                 | 18,600                                  | 22,900                                 |
| 145                 | 35.3           | 104.5                 | 17,200                                  | 21,300                                 |
| 150                 | 32.2           | 96.8                  | 16,000                                  | 19,900                                 |
| 155                 | 28.8           | 88.1                  | 14,800                                  | 18,600                                 |
| 160                 | 25.0           | 77.9                  | 13,700                                  | 17,300                                 |
| 165                 | 20.5           | 65.6                  | 12,600                                  | 16,200                                 |



# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

# 888 SERIES 2

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**360 Degree Rating**

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|---------------------|----------------|-----------------------|---|--|
| <b>180 Ft. Boom</b> |                |                       |   |  |
| 30                  | 82.7           | 186.3                 | 199,200 *                               | 199,200 *                              |
| 32                  | 82.1           | 186.0                 | 181,900                                 | 195,500 *                              |
| 34                  | 81.4           | 185.7                 | 166,400                                 | 191,800 *                              |
| 36                  | 80.8           | 185.4                 | 153,100                                 | 183,100                                |
| 38                  | 80.2           | 185.0                 | 141,600                                 | 168,800                                |
| 40                  | 79.5           | 184.6                 | 131,600                                 | 156,400                                |
| 42                  | 78.9           | 184.2                 | 122,700                                 | 145,500                                |
| 44                  | 78.2           | 183.8                 | 114,900                                 | 136,000                                |
| 46                  | 77.6           | 183.4                 | 107,900                                 | 127,500                                |
| 48                  | 76.9           | 182.9                 | 101,600                                 | 119,800                                |
| 50                  | 76.2           | 182.4                 | 95,900                                  | 113,000                                |
| 55                  | 74.6           | 181.0                 | 83,700                                  | 98,500                                 |
| 60                  | 72.9           | 179.5                 | 74,000                                  | 86,900                                 |
| 65                  | 71.2           | 177.8                 | 65,900                                  | 77,500                                 |
| 70                  | 69.5           | 175.9                 | 59,200                                  | 69,500                                 |
| 75                  | 67.8           | 173.9                 | 53,400                                  | 62,900                                 |
| 80                  | 66.1           | 171.7                 | 48,500                                  | 57,100                                 |
| 85                  | 64.3           | 169.3                 | 44,200                                  | 52,100                                 |
| 90                  | 62.5           | 166.8                 | 40,400                                  | 47,800                                 |
| 95                  | 60.7           | 164.0                 | 37,000                                  | 43,900                                 |
| 100                 | 58.9           | 161.0                 | 34,100                                  | 40,500                                 |
| 105                 | 57.0           | 157.8                 | 31,400                                  | 37,500                                 |
| 110                 | 55.0           | 154.3                 | 29,000                                  | 34,700                                 |
| 115                 | 53.0           | 150.6                 | 26,800                                  | 32,200                                 |
| 120                 | 51.0           | 146.6                 | 24,800                                  | 29,900                                 |
| 125                 | 48.9           | 142.3                 | 22,900                                  | 27,800                                 |
| 130                 | 46.7           | 137.6                 | 21,300                                  | 25,900                                 |
| 135                 | 44.5           | 132.6                 | 19,700                                  | 24,200                                 |
| 140                 | 42.1           | 127.1                 | 18,300                                  | 22,500                                 |
| 145                 | 39.7           | 121.2                 | 16,900                                  | 21,000                                 |
| 150                 | 37.1           | 114.7                 | 15,700                                  | 19,600                                 |
| 155                 | 34.3           | 107.6                 | 14,500                                  | 18,300                                 |
| 160                 | 31.3           | 99.6                  | 13,400                                  | 17,100                                 |
| 165                 | 28.0           | 90.6                  | 12,400                                  | 15,900                                 |
| 170                 | 24.3           | 80.0                  | 11,400                                  | 14,800                                 |
| 175                 | 19.9           | 67.3                  | 10,500                                  | 13,800                                 |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|---------------------|----------------|-----------------------|---|--|
| <b>190 Ft. Boom</b> |                |                       |   |  |
| 32                  | 82.5           | 196.2                 | 181,000 *                               | 181,000 *                              |
| 34                  | 81.9           | 195.9                 | 166,200                                 | 178,000 *                              |
| 36                  | 81.3           | 195.5                 | 152,900                                 | 175,000 *                              |
| 38                  | 80.7           | 195.2                 | 141,400                                 | 168,700                                |
| 40                  | 80.1           | 194.8                 | 131,300                                 | 156,200                                |
| 42                  | 79.4           | 194.4                 | 122,500                                 | 145,300                                |
| 44                  | 78.8           | 194.0                 | 114,600                                 | 135,800                                |
| 46                  | 78.2           | 193.6                 | 107,600                                 | 127,200                                |
| 48                  | 77.6           | 193.2                 | 101,300                                 | 119,600                                |
| 50                  | 77.0           | 192.7                 | 95,500                                  | 112,700                                |
| 55                  | 75.4           | 191.4                 | 83,400                                  | 98,200                                 |
| 60                  | 73.9           | 189.9                 | 73,600                                  | 86,600                                 |
| 65                  | 72.3           | 188.4                 | 65,500                                  | 77,100                                 |
| 70                  | 70.7           | 186.6                 | 58,800                                  | 69,200                                 |
| 75                  | 69.1           | 184.7                 | 53,000                                  | 62,500                                 |
| 80                  | 67.4           | 182.7                 | 48,000                                  | 56,700                                 |
| 85                  | 65.8           | 180.4                 | 43,700                                  | 51,700                                 |
| 90                  | 64.1           | 178.0                 | 39,900                                  | 47,400                                 |
| 95                  | 62.4           | 175.4                 | 36,600                                  | 43,500                                 |
| 100                 | 60.7           | 172.6                 | 33,600                                  | 40,100                                 |
| 105                 | 58.9           | 169.6                 | 30,900                                  | 37,000                                 |
| 110                 | 57.1           | 166.4                 | 28,500                                  | 34,300                                 |
| 115                 | 55.3           | 163.0                 | 26,300                                  | 31,800                                 |
| 120                 | 53.4           | 159.3                 | 24,300                                  | 29,500                                 |
| 125                 | 51.5           | 155.4                 | 22,500                                  | 27,400                                 |
| 130                 | 49.5           | 151.2                 | 20,800                                  | 25,500                                 |
| 135                 | 47.5           | 146.7                 | 19,200                                  | 23,700                                 |
| 140                 | 45.4           | 141.8                 | 17,800                                  | 22,100                                 |
| 145                 | 43.2           | 136.5                 | 16,500                                  | 20,600                                 |
| 150                 | 40.9           | 130.9                 | 15,200                                  | 19,200                                 |
| 155                 | 38.5           | 124.7                 | 14,000                                  | 17,900                                 |
| 160                 | 36.0           | 118.0                 | 13,000                                  | 16,600                                 |
| 165                 | 33.3           | 110.6                 | 11,900                                  | 15,500                                 |
| 170                 | 30.4           | 102.3                 | 11,000                                  | 14,400                                 |
| 175                 | 27.2           | 93.0                  | 10,000                                  | 13,300                                 |
| 180                 | 23.6           | 82.1                  | 9,200                                   | 12,400                                 |
| 185                 | 19.4           | 68.9                  | 8,300                                   | 11,400                                 |



# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

# 888 SERIES 2

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**360 Degree Rating**

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|---------------------|----------------|-----------------------|---|--|
| <b>200 Ft. Boom</b> |                |                       |   |  |
| 32                  | 82.9           | 206.3                 | 171,000 *                               | 171,000 *                              |
| 34                  | 82.3           | 206.0                 | 165,900                                 | 168,200 *                              |
| 36                  | 81.7           | 205.7                 | 152,600                                 | 165,400 *                              |
| 38                  | 81.1           | 205.3                 | 141,100                                 | 162,600 *                              |
| 40                  | 80.6           | 205.0                 | 131,000                                 | 155,900                                |
| 42                  | 80.0           | 204.6                 | 122,200                                 | 145,000                                |
| 44                  | 79.4           | 204.2                 | 114,300                                 | 135,400                                |
| 46                  | 78.8           | 203.8                 | 107,200                                 | 126,900                                |
| 48                  | 78.2           | 203.4                 | 100,900                                 | 119,300                                |
| 50                  | 77.6           | 203.0                 | 95,200                                  | 112,400                                |
| 55                  | 76.2           | 201.7                 | 83,000                                  | 97,900                                 |
| 60                  | 74.7           | 200.4                 | 73,200                                  | 86,200                                 |
| 65                  | 73.2           | 198.9                 | 65,100                                  | 76,700                                 |
| 70                  | 71.7           | 197.2                 | 58,400                                  | 68,800                                 |
| 75                  | 70.2           | 195.4                 | 52,600                                  | 62,100                                 |
| 80                  | 68.6           | 193.5                 | 47,700                                  | 56,300                                 |
| 85                  | 67.1           | 191.4                 | 43,300                                  | 51,400                                 |
| 90                  | 65.5           | 189.1                 | 39,600                                  | 47,000                                 |
| 95                  | 63.9           | 186.7                 | 36,200                                  | 43,100                                 |
| 100                 | 62.3           | 184.1                 | 33,200                                  | 39,700                                 |
| 105                 | 60.6           | 181.3                 | 30,500                                  | 36,600                                 |
| 110                 | 59.0           | 178.3                 | 28,100                                  | 33,900                                 |
| 115                 | 57.3           | 175.1                 | 25,900                                  | 31,400                                 |
| 120                 | 55.5           | 171.7                 | 23,900                                  | 29,100                                 |
| 125                 | 53.8           | 168.1                 | 22,100                                  | 27,000                                 |
| 130                 | 52.0           | 164.2                 | 20,400                                  | 25,100                                 |
| 135                 | 50.1           | 160.1                 | 18,800                                  | 23,300                                 |
| 140                 | 48.2           | 155.6                 | 17,400                                  | 21,700                                 |
| 145                 | 46.2           | 150.9                 | 16,100                                  | 20,200                                 |
| 150                 | 44.2           | 145.8                 | 14,800                                  | 18,800                                 |
| 155                 | 42.1           | 140.4                 | 13,700                                  | 17,500                                 |
| 160                 | 39.8           | 134.5                 | 12,600                                  | 16,300                                 |
| 165                 | 37.5           | 128.1                 | 11,600                                  | 15,100                                 |
| 170                 | 35.1           | 121.1                 | 10,600                                  | 14,000                                 |
| 175                 | 32.4           | 113.4                 | 9,700                                   | 13,000                                 |
| 180                 | 29.6           | 104.9                 | 8,800                                   | 12,000                                 |
| 185                 | 26.5           | 95.3                  | 8,000                                   | 11,100                                 |
| 190                 | 23.0           | 84.1                  | 7,200                                   | 10,200                                 |
| 195                 | 18.9           | 70.6                  | 6,500                                   | 9,400                                  |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|---------------------|----------------|-----------------------|---|--|
| <b>210 Ft. Boom</b> |                |                       |   |  |
| 34                  | 82.7           | 216.1                 | 158,700 *                               | 158,700 *                              |
| 36                  | 82.1           | 215.8                 | 152,400                                 | 156,400 *                              |
| 38                  | 81.6           | 215.5                 | 140,900                                 | 154,100 *                              |
| 40                  | 81.0           | 215.1                 | 130,800                                 | 151,800 *                              |
| 42                  | 80.5           | 214.8                 | 121,900                                 | 144,800                                |
| 44                  | 79.9           | 214.4                 | 114,000                                 | 135,200                                |
| 46                  | 79.4           | 214.0                 | 107,000                                 | 126,700                                |
| 48                  | 78.8           | 213.6                 | 100,700                                 | 119,000                                |
| 50                  | 78.2           | 213.2                 | 94,900                                  | 112,200                                |
| 55                  | 76.8           | 212.0                 | 82,800                                  | 97,600                                 |
| 60                  | 75.4           | 210.8                 | 73,000                                  | 86,000                                 |
| 65                  | 74.0           | 209.3                 | 64,900                                  | 76,500                                 |
| 70                  | 72.6           | 207.8                 | 58,100                                  | 68,600                                 |
| 75                  | 71.1           | 206.1                 | 52,300                                  | 61,800                                 |
| 80                  | 69.7           | 204.2                 | 47,400                                  | 56,100                                 |
| 85                  | 68.2           | 202.2                 | 43,100                                  | 51,100                                 |
| 90                  | 66.7           | 200.1                 | 39,300                                  | 46,700                                 |
| 95                  | 65.2           | 197.8                 | 35,900                                  | 42,900                                 |
| 100                 | 63.7           | 195.4                 | 32,900                                  | 39,400                                 |
| 105                 | 62.2           | 192.7                 | 30,200                                  | 36,400                                 |
| 110                 | 60.6           | 189.9                 | 27,800                                  | 33,600                                 |
| 115                 | 59.0           | 187.0                 | 25,600                                  | 31,100                                 |
| 120                 | 57.4           | 183.8                 | 23,600                                  | 28,800                                 |
| 125                 | 55.8           | 180.4                 | 21,800                                  | 26,700                                 |
| 130                 | 54.1           | 176.8                 | 20,100                                  | 24,800                                 |
| 135                 | 52.4           | 173.0                 | 18,600                                  | 23,100                                 |
| 140                 | 50.6           | 168.9                 | 17,100                                  | 21,400                                 |
| 145                 | 48.8           | 164.6                 | 15,800                                  | 19,900                                 |
| 150                 | 46.9           | 160.0                 | 14,600                                  | 18,500                                 |
| 155                 | 45.0           | 155.1                 | 13,400                                  | 17,200                                 |
| 160                 | 43.0           | 149.8                 | 12,300                                  | 16,000                                 |
| 165                 | 41.0           | 144.1                 | 11,300                                  | 14,900                                 |
| 170                 | 38.8           | 138.0                 | 10,300                                  | 13,800                                 |
| 175                 | 36.6           | 131.4                 | 9,400                                   | 12,800                                 |
| 180                 | 34.2           | 124.2                 | 8,600                                   | 11,800                                 |
| 185                 | 31.6           | 116.3                 | 7,800                                   | 10,900                                 |
| 190                 | 28.9           | 107.5                 | 7,000                                   | 10,000                                 |
| 195                 | 25.8           | 97.5                  | 6,300                                   | 9,200                                  |
| 200                 | 22.4           | 86.0                  | 5,600                                   | 8,400                                  |
| 205                 | 18.4           | 72.1                  | 4,900                                   | 7,700                                  |



# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

# 888 SERIES 2

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**360 Degree Rating**

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|---------------------|----------------|-----------------------|---|--|
| <b>220 Ft. Boom</b> |                |                       |   |  |
| 34                  | 83.0           | 226.2                 | 147,500 *                               | 147,500 *                              |
| 36                  | 82.5           | 225.9                 | 146,600 *                               | 146,600 *                              |
| 38                  | 82.0           | 225.6                 | 140,500                                 | 144,500 *                              |
| 40                  | 81.4           | 225.3                 | 130,500                                 | 142,400 *                              |
| 42                  | 80.9           | 224.9                 | 121,600                                 | 140,200 *                              |
| 44                  | 80.4           | 224.6                 | 113,700                                 | 134,900                                |
| 46                  | 79.8           | 224.2                 | 106,700                                 | 126,400                                |
| 48                  | 79.3           | 223.8                 | 100,300                                 | 118,700                                |
| 50                  | 78.8           | 223.4                 | 94,600                                  | 111,800                                |
| 55                  | 77.5           | 222.3                 | 82,400                                  | 97,300                                 |
| 60                  | 76.1           | 221.1                 | 72,600                                  | 85,600                                 |
| 65                  | 74.8           | 219.7                 | 64,500                                  | 76,100                                 |
| 70                  | 73.4           | 218.3                 | 57,700                                  | 68,200                                 |
| 75                  | 72.0           | 216.6                 | 51,900                                  | 61,500                                 |
| 80                  | 70.7           | 214.9                 | 47,000                                  | 55,700                                 |
| 85                  | 69.3           | 213.0                 | 42,700                                  | 50,700                                 |
| 90                  | 67.9           | 211.0                 | 38,900                                  | 46,300                                 |
| 95                  | 66.4           | 208.8                 | 35,500                                  | 42,500                                 |
| 100                 | 65.0           | 206.5                 | 32,500                                  | 39,000                                 |
| 105                 | 63.6           | 204.0                 | 29,800                                  | 36,000                                 |
| 110                 | 62.1           | 201.4                 | 27,400                                  | 33,200                                 |
| 115                 | 60.6           | 198.6                 | 25,200                                  | 30,700                                 |
| 120                 | 59.1           | 195.6                 | 23,200                                  | 28,400                                 |
| 125                 | 57.5           | 192.5                 | 21,400                                  | 26,300                                 |
| 130                 | 56.0           | 189.1                 | 19,700                                  | 24,400                                 |
| 135                 | 54.4           | 185.6                 | 18,200                                  | 22,700                                 |
| 140                 | 52.7           | 181.8                 | 16,700                                  | 21,000                                 |
| 145                 | 51.1           | 177.8                 | 15,400                                  | 19,500                                 |
| 150                 | 49.4           | 173.5                 | 14,200                                  | 18,100                                 |
| 155                 | 47.6           | 169.0                 | 13,000                                  | 16,800                                 |
| 160                 | 45.8           | 164.2                 | 11,900                                  | 15,600                                 |
| 165                 | 43.9           | 159.1                 | 10,900                                  | 14,500                                 |
| 170                 | 42.0           | 153.6                 | 10,000                                  | 13,400                                 |
| 175                 | 40.0           | 147.7                 | 9,100                                   | 12,400                                 |
| 180                 | 37.9           | 141.4                 | 8,200                                   | 11,400                                 |
| 185                 | 35.7           | 134.6                 | 7,400                                   | 10,500                                 |
| 190                 | 33.4           | 127.1                 | 6,600                                   | 9,700                                  |
| 195                 | 30.9           | 119.0                 | 5,900                                   | 8,800                                  |
| 200                 | 28.2           | 110.0                 | 5,200                                   | 8,100                                  |
| 205                 | 25.2           | 99.7                  | 4,600                                   | 7,300                                  |
| 210                 | 21.9           | 87.9                  |   | 6,600                                  |
| 215                 | 17.9           | 73.7                  |   | 5,900                                  |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|---------------------|----------------|-----------------------|---|--|
| <b>230 Ft. Boom</b> |                |                       |   |  |
| 36                  | 82.8           | 236.0                 | 133,600 *                               | 133,600 *                              |
| 38                  | 82.3           | 235.7                 | 133,300 *                               | 133,300 *                              |
| 40                  | 81.8           | 235.4                 | 130,200                                 | 132,900 *                              |
| 42                  | 81.3           | 235.1                 | 121,300                                 | 131,500 *                              |
| 44                  | 80.8           | 234.7                 | 113,400                                 | 129,700 *                              |
| 46                  | 80.3           | 234.4                 | 106,400                                 | 126,100                                |
| 48                  | 79.8           | 234.0                 | 100,000                                 | 118,500                                |
| 50                  | 79.3           | 233.6                 | 94,300                                  | 111,500                                |
| 55                  | 78.0           | 232.6                 | 82,100                                  | 97,000                                 |
| 60                  | 76.7           | 231.4                 | 72,200                                  | 85,300                                 |
| 65                  | 75.4           | 230.1                 | 64,100                                  | 75,800                                 |
| 70                  | 74.1           | 228.7                 | 57,300                                  | 67,800                                 |
| 75                  | 72.8           | 227.2                 | 51,500                                  | 61,100                                 |
| 80                  | 71.5           | 225.5                 | 46,500                                  | 55,300                                 |
| 85                  | 70.2           | 223.7                 | 42,200                                  | 50,300                                 |
| 90                  | 68.9           | 221.8                 | 38,400                                  | 45,900                                 |
| 95                  | 67.5           | 219.7                 | 35,100                                  | 42,000                                 |
| 100                 | 66.2           | 217.5                 | 32,100                                  | 38,600                                 |
| 105                 | 64.8           | 215.2                 | 29,400                                  | 35,500                                 |
| 110                 | 63.4           | 212.7                 | 27,000                                  | 32,700                                 |
| 115                 | 62.0           | 210.1                 | 24,800                                  | 30,200                                 |
| 120                 | 60.6           | 207.3                 | 22,700                                  | 28,000                                 |
| 125                 | 59.1           | 204.3                 | 20,900                                  | 25,900                                 |
| 130                 | 57.6           | 201.1                 | 19,200                                  | 24,000                                 |
| 135                 | 56.1           | 197.8                 | 17,700                                  | 22,200                                 |
| 140                 | 54.6           | 194.3                 | 16,200                                  | 20,600                                 |
| 145                 | 53.1           | 190.6                 | 14,900                                  | 19,100                                 |
| 150                 | 51.5           | 186.6                 | 13,700                                  | 17,700                                 |
| 155                 | 49.9           | 182.4                 | 12,500                                  | 16,300                                 |
| 160                 | 48.2           | 178.0                 | 11,400                                  | 15,100                                 |
| 165                 | 46.5           | 173.3                 | 10,400                                  | 14,000                                 |
| 170                 | 44.7           | 168.3                 | 9,500                                   | 12,900                                 |
| 175                 | 42.9           | 163.0                 | 8,600                                   | 11,900                                 |
| 180                 | 41.0           | 157.3                 | 7,700                                   | 10,900                                 |
| 185                 | 39.1           | 151.3                 | 6,900                                   | 10,000                                 |
| 190                 | 37.0           | 144.7                 | 6,100                                   | 9,200                                  |
| 195                 | 34.9           | 137.7                 | 5,400                                   | 8,400                                  |
| 200                 | 32.6           | 130.1                 | 4,700                                   | 7,600                                  |
| 205                 | 30.2           | 121.7                 | 4,100                                   | 6,900                                  |
| 210                 | 27.5           | 112.4                 |   | 6,200                                  |
| 215                 | 24.6           | 101.9                 |   | 5,500                                  |
| 220                 | 21.4           | 89.8                  |   | 4,800                                  |
| 225                 | 17.5           | 75.2                  |   | 4,200                                  |



# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

# 888 SERIES 2

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**360 Degree Rating**

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|---------------------|----------------|-----------------------|---|--|
| <b>240 Ft. Boom</b> |                |                       |   |  |
| 38                  | 82.6           | 245.8                 | 121,300 *                               | 121,300 *                              |
| 40                  | 82.2           | 245.5                 | 121,000 *                               | 121,000 *                              |
| 42                  | 81.7           | 245.2                 | 120,700 *                               | 120,700 *                              |
| 44                  | 81.2           | 244.9                 | 113,000                                 | 120,300 *                              |
| 46                  | 80.7           | 244.6                 | 106,000                                 | 120,000 *                              |
| 48                  | 80.2           | 244.2                 | 99,600                                  | 118,100                                |
| 50                  | 79.7           | 243.8                 | 93,900                                  | 111,200                                |
| 55                  | 78.5           | 242.8                 | 81,700                                  | 96,600                                 |
| 60                  | 77.3           | 241.7                 | 71,800                                  | 84,900                                 |
| 65                  | 76.1           | 240.5                 | 63,700                                  | 75,400                                 |
| 70                  | 74.8           | 239.1                 | 56,900                                  | 67,400                                 |
| 75                  | 73.6           | 237.6                 | 51,100                                  | 60,700                                 |
| 80                  | 72.3           | 236.1                 | 46,100                                  | 54,900                                 |
| 85                  | 71.1           | 234.4                 | 41,800                                  | 49,900                                 |
| 90                  | 69.8           | 232.5                 | 38,000                                  | 45,500                                 |
| 95                  | 68.5           | 230.6                 | 34,600                                  | 41,600                                 |
| 100                 | 67.2           | 228.5                 | 31,600                                  | 38,200                                 |
| 105                 | 65.9           | 226.3                 | 28,900                                  | 35,100                                 |
| 110                 | 64.6           | 223.9                 | 26,500                                  | 32,300                                 |
| 115                 | 63.3           | 221.4                 | 24,300                                  | 29,800                                 |
| 120                 | 61.9           | 218.7                 | 22,300                                  | 27,500                                 |
| 125                 | 60.5           | 215.9                 | 20,500                                  | 25,400                                 |
| 130                 | 59.2           | 213.0                 | 18,800                                  | 23,500                                 |
| 135                 | 57.7           | 209.8                 | 17,200                                  | 21,800                                 |
| 140                 | 56.3           | 206.5                 | 15,800                                  | 20,100                                 |
| 145                 | 54.9           | 203.0                 | 14,500                                  | 18,600                                 |
| 150                 | 53.4           | 199.3                 | 13,200                                  | 17,200                                 |
| 155                 | 51.9           | 195.4                 | 12,100                                  | 15,900                                 |
| 160                 | 50.3           | 191.3                 | 11,000                                  | 14,700                                 |
| 165                 | 48.7           | 187.0                 | 10,000                                  | 13,600                                 |
| 170                 | 47.1           | 182.4                 | 9,000                                   | 12,500                                 |
| 175                 | 45.4           | 177.5                 | 8,100                                   | 11,500                                 |
| 180                 | 43.7           | 172.3                 | 7,300                                   | 10,500                                 |
| 185                 | 41.9           | 166.8                 | 6,500                                   | 9,600                                  |
| 190                 | 40.1           | 161.0                 | 5,700                                   | 8,800                                  |
| 195                 | 38.2           | 154.7                 | 5,000                                   | 8,000                                  |
| 200                 | 36.2           | 148.0                 | 4,300                                   | 7,200                                  |
| 205                 | 34.1           | 140.8                 |   | 6,500                                  |
| 210                 | 31.9           | 132.9                 |   | 5,800                                  |
| 215                 | 29.5           | 124.3                 |   | 5,100                                  |
| 220                 | 26.9           | 114.7                 |   | 4,500                                  |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|---------------------|----------------|-----------------------|---|--|
| <b>250 Ft. Boom</b> |                |                       |   |  |
| 38                  | 82.9           | 255.9                 | 110,200 *                               | 110,200 *                              |
| 40                  | 82.5           | 255.6                 | 109,900 *                               | 109,900 *                              |
| 42                  | 82.0           | 255.3                 | 109,600 *                               | 109,600 *                              |
| 44                  | 81.5           | 255.0                 | 109,300 *                               | 109,300 *                              |
| 46                  | 81.1           | 254.7                 | 106,200                                 | 109,000 *                              |
| 48                  | 80.6           | 254.4                 | 99,800                                  | 108,600 *                              |
| 50                  | 80.1           | 254.0                 | 94,100                                  | 108,300 *                              |
| 55                  | 79.0           | 253.0                 | 81,800                                  | 96,800                                 |
| 60                  | 77.8           | 252.0                 | 72,000                                  | 85,100                                 |
| 65                  | 76.6           | 250.8                 | 63,900                                  | 75,600                                 |
| 70                  | 75.4           | 249.5                 | 57,100                                  | 67,600                                 |
| 75                  | 74.3           | 248.1                 | 51,300                                  | 60,900                                 |
| 80                  | 73.1           | 246.6                 | 46,300                                  | 55,100                                 |
| 85                  | 71.9           | 244.9                 | 42,000                                  | 50,100                                 |
| 90                  | 70.6           | 243.2                 | 38,200                                  | 45,700                                 |
| 95                  | 69.4           | 241.3                 | 34,800                                  | 41,800                                 |
| 100                 | 68.2           | 239.3                 | 31,800                                  | 38,400                                 |
| 105                 | 66.9           | 237.2                 | 29,100                                  | 35,300                                 |
| 110                 | 65.7           | 235.0                 | 26,700                                  | 32,500                                 |
| 115                 | 64.4           | 232.6                 | 24,500                                  | 30,000                                 |
| 120                 | 63.1           | 230.1                 | 22,500                                  | 27,700                                 |
| 125                 | 61.8           | 227.4                 | 20,700                                  | 25,600                                 |
| 130                 | 60.5           | 224.6                 | 19,000                                  | 23,700                                 |
| 135                 | 59.2           | 221.6                 | 17,400                                  | 22,000                                 |
| 140                 | 57.8           | 218.5                 | 16,000                                  | 20,300                                 |
| 145                 | 56.5           | 215.2                 | 14,700                                  | 18,800                                 |
| 150                 | 55.1           | 211.7                 | 13,400                                  | 17,400                                 |
| 155                 | 53.6           | 208.1                 | 12,300                                  | 16,100                                 |
| 160                 | 52.2           | 204.2                 | 11,200                                  | 14,900                                 |
| 165                 | 50.7           | 200.2                 | 10,200                                  | 13,700                                 |
| 170                 | 49.2           | 195.9                 | 9,200                                   | 12,700                                 |
| 175                 | 47.7           | 191.4                 | 8,300                                   | 11,700                                 |
| 180                 | 46.1           | 186.6                 | 7,500                                   | 10,700                                 |
| 185                 | 44.5           | 181.6                 | 6,700                                   | 9,800                                  |
| 190                 | 42.8           | 176.2                 | 5,900                                   | 9,000                                  |
| 195                 | 41.1           | 170.6                 | 5,200                                   | 8,200                                  |
| 200                 | 39.3           | 164.5                 | 4,500                                   | 7,400                                  |
| 205                 | 37.4           | 158.1                 |   | 6,700                                  |
| 210                 | 35.4           | 151.2                 |   | 6,000                                  |
| 215                 | 33.4           | 143.7                 |   | 5,300                                  |
| 220                 | 31.2           | 135.7                 |   | 4,700                                  |
| 225                 | 28.9           | 126.8                 |   | 4,100                                  |



# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

# 888 SERIES 2

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**360 Degree Rating**

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|---------------------|----------------|-----------------------|---|--|
| <b>260 Ft. Boom</b> |                |                       |   |  |
| 40                  | 82.8           | 265.7                 | 100,500 *                               | 100,500 *                              |
| 42                  | 82.3           | 265.4                 | 100,200 *                               | 100,200 *                              |
| 44                  | 81.9           | 265.1                 | 99,900 *                                | 99,900 *                               |
| 46                  | 81.4           | 264.8                 | 99,600 *                                | 99,600 *                               |
| 48                  | 81.0           | 264.5                 | 99,300 *                                | 99,300 *                               |
| 50                  | 80.5           | 264.2                 | 93,700                                  | 98,900 *                               |
| 55                  | 79.4           | 263.2                 | 81,500                                  | 96,400                                 |
| 60                  | 78.3           | 262.2                 | 71,600                                  | 84,700                                 |
| 65                  | 77.2           | 261.1                 | 63,500                                  | 75,200                                 |
| 70                  | 76.0           | 259.8                 | 56,700                                  | 67,200                                 |
| 75                  | 74.9           | 258.5                 | 50,900                                  | 60,500                                 |
| 80                  | 73.7           | 257.0                 | 45,900                                  | 54,700                                 |
| 85                  | 72.6           | 255.5                 | 41,600                                  | 49,700                                 |
| 90                  | 71.4           | 253.8                 | 37,700                                  | 45,300                                 |
| 95                  | 70.2           | 252.0                 | 34,400                                  | 41,400                                 |
| 100                 | 69.1           | 250.1                 | 31,400                                  | 37,900                                 |
| 105                 | 67.9           | 248.1                 | 28,700                                  | 34,900                                 |
| 110                 | 66.7           | 245.9                 | 26,300                                  | 32,100                                 |
| 115                 | 65.5           | 243.7                 | 24,100                                  | 29,600                                 |
| 120                 | 64.2           | 241.3                 | 22,100                                  | 27,300                                 |
| 125                 | 63.0           | 238.7                 | 20,200                                  | 25,200                                 |
| 130                 | 61.8           | 236.1                 | 18,500                                  | 23,300                                 |
| 135                 | 60.5           | 233.2                 | 17,000                                  | 21,500                                 |
| 140                 | 59.2           | 230.3                 | 15,600                                  | 19,900                                 |
| 145                 | 57.9           | 227.2                 | 14,200                                  | 18,400                                 |
| 150                 | 56.6           | 223.9                 | 13,000                                  | 17,000                                 |
| 155                 | 55.3           | 220.4                 | 11,800                                  | 15,700                                 |
| 160                 | 53.9           | 216.8                 | 10,700                                  | 14,500                                 |
| 165                 | 52.5           | 213.0                 | 9,700                                   | 13,300                                 |
| 170                 | 51.1           | 209.0                 | 8,800                                   | 12,200                                 |
| 175                 | 49.7           | 204.8                 | 7,900                                   | 11,200                                 |
| 180                 | 48.2           | 200.4                 | 7,000                                   | 10,300                                 |
| 185                 | 46.7           | 195.7                 | 6,200                                   | 9,400                                  |
| 190                 | 45.1           | 190.8                 | 5,500                                   | 8,500                                  |
| 195                 | 43.5           | 185.6                 | 4,800                                   | 7,700                                  |
| 200                 | 41.9           | 180.1                 | 4,100                                   | 7,000                                  |
| 205                 | 40.2           | 174.2                 |   | 6,200                                  |
| 210                 | 38.5           | 168.0                 |   | 5,500                                  |
| 215                 | 36.6           | 161.4                 |   | 4,900                                  |
| 220                 | 34.7           | 154.3                 |   | 4,300                                  |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|---------------------|----------------|-----------------------|---|--|
| <b>270 Ft. Boom</b> |                |                       |   |  |
| 40                  | 83.0           | 275.8                 | 91,900 *                                | 91,900 *                               |
| 42                  | 82.6           | 275.5                 | 91,600 *                                | 91,600 *                               |
| 44                  | 82.2           | 275.2                 | 91,300 *                                | 91,300 *                               |
| 46                  | 81.7           | 274.9                 | 91,000 *                                | 91,000 *                               |
| 48                  | 81.3           | 274.6                 | 90,700 *                                | 90,700 *                               |
| 50                  | 80.9           | 274.3                 | 90,400 *                                | 90,400 *                               |
| 55                  | 79.8           | 273.4                 | 81,100                                  | 89,500 *                               |
| 60                  | 78.7           | 272.4                 | 71,200                                  | 84,400                                 |
| 65                  | 77.6           | 271.3                 | 63,100                                  | 74,800                                 |
| 70                  | 76.5           | 270.1                 | 56,200                                  | 66,800                                 |
| 75                  | 75.5           | 268.8                 | 50,400                                  | 60,100                                 |
| 80                  | 74.4           | 267.5                 | 45,500                                  | 54,300                                 |
| 85                  | 73.2           | 266.0                 | 41,100                                  | 49,200                                 |
| 90                  | 72.1           | 264.4                 | 37,300                                  | 44,800                                 |
| 95                  | 71.0           | 262.6                 | 33,900                                  | 41,000                                 |
| 100                 | 69.9           | 260.8                 | 30,900                                  | 37,500                                 |
| 105                 | 68.7           | 258.9                 | 28,200                                  | 34,400                                 |
| 110                 | 67.6           | 256.8                 | 25,800                                  | 31,600                                 |
| 115                 | 66.4           | 254.7                 | 23,600                                  | 29,100                                 |
| 120                 | 65.3           | 252.4                 | 21,600                                  | 26,800                                 |
| 125                 | 64.1           | 249.9                 | 19,700                                  | 24,700                                 |
| 130                 | 62.9           | 247.4                 | 18,000                                  | 22,800                                 |
| 135                 | 61.7           | 244.7                 | 16,500                                  | 21,000                                 |
| 140                 | 60.5           | 241.9                 | 15,100                                  | 19,400                                 |
| 145                 | 59.2           | 238.9                 | 13,700                                  | 17,900                                 |
| 150                 | 58.0           | 235.8                 | 12,500                                  | 16,500                                 |
| 155                 | 56.7           | 232.6                 | 11,300                                  | 15,200                                 |
| 160                 | 55.4           | 229.2                 | 10,200                                  | 14,000                                 |
| 165                 | 54.1           | 225.6                 | 9,200                                   | 12,800                                 |
| 170                 | 52.8           | 221.8                 | 8,300                                   | 11,700                                 |
| 175                 | 51.5           | 217.8                 | 7,400                                   | 10,700                                 |
| 180                 | 50.1           | 213.7                 | 6,500                                   | 9,800                                  |
| 185                 | 48.7           | 209.3                 | 5,700                                   | 8,900                                  |
| 190                 | 47.2           | 204.7                 | 5,000                                   | 8,000                                  |
| 195                 | 45.8           | 199.9                 | 4,300                                   | 7,200                                  |
| 200                 | 44.2           | 194.8                 |   | 6,500                                  |
| 205                 | 42.7           | 189.5                 |   | 5,700                                  |
| 210                 | 41.1           | 183.8                 |   | 5,000                                  |
| 215                 | 39.4           | 177.8                 |   | 4,400                                  |



# Liftcrane Boom Capacities

Meets  
ANSI B30.5  
Requirements

# 888 SERIES 2

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**360 Degree Rating**

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|---------------------|----------------|-----------------------|---|--|
| <b>280 Ft. Boom</b> |                |                       |   |  |
| 42                  | 82.9           | 285.6                 | 83,000 *                                | 83,000 *                               |
| 44                  | 82.5           | 285.3                 | 82,700 *                                | 82,700 *                               |
| 46                  | 82.0           | 285.1                 | 82,500 *                                | 82,500 *                               |
| 48                  | 81.6           | 284.8                 | 82,200 *                                | 82,200 *                               |
| 50                  | 81.2           | 284.4                 | 81,900 *                                | 81,900 *                               |
| 55                  | 80.2           | 283.6                 | 80,700                                  | 81,200 *                               |
| 60                  | 79.1           | 282.6                 | 70,800                                  | 80,400 *                               |
| 65                  | 78.1           | 281.6                 | 62,600                                  | 74,400                                 |
| 70                  | 77.0           | 280.4                 | 55,800                                  | 66,400                                 |
| 75                  | 76.0           | 279.2                 | 50,000                                  | 59,600                                 |
| 80                  | 74.9           | 277.8                 | 45,000                                  | 53,800                                 |
| 85                  | 73.9           | 276.4                 | 40,700                                  | 48,800                                 |
| 90                  | 72.8           | 274.9                 | 36,900                                  | 44,400                                 |
| 95                  | 71.7           | 273.2                 | 33,500                                  | 40,500                                 |
| 100                 | 70.6           | 271.5                 | 30,500                                  | 37,100                                 |
| 105                 | 69.5           | 269.6                 | 27,800                                  | 34,000                                 |
| 110                 | 68.4           | 267.6                 | 25,300                                  | 31,200                                 |
| 115                 | 67.3           | 265.6                 | 23,100                                  | 28,700                                 |
| 120                 | 66.2           | 263.4                 | 21,100                                  | 26,400                                 |
| 125                 | 65.1           | 261.1                 | 19,300                                  | 24,300                                 |
| 130                 | 63.9           | 258.6                 | 17,600                                  | 22,400                                 |
| 135                 | 62.8           | 256.1                 | 16,000                                  | 20,600                                 |
| 140                 | 61.6           | 253.4                 | 14,600                                  | 19,000                                 |
| 145                 | 60.5           | 250.6                 | 13,300                                  | 17,400                                 |
| 150                 | 59.3           | 247.6                 | 12,000                                  | 16,000                                 |
| 155                 | 58.1           | 244.5                 | 10,900                                  | 14,700                                 |
| 160                 | 56.8           | 241.3                 | 9,800                                   | 13,500                                 |
| 165                 | 55.6           | 237.9                 | 8,800                                   | 12,400                                 |
| 170                 | 54.4           | 234.3                 | 7,800                                   | 11,300                                 |
| 175                 | 53.1           | 230.6                 | 6,900                                   | 10,300                                 |
| 180                 | 51.8           | 226.7                 | 6,100                                   | 9,300                                  |
| 185                 | 50.5           | 222.6                 | 5,300                                   | 8,400                                  |
| 190                 | 49.1           | 218.3                 | 4,500                                   | 7,600                                  |
| 195                 | 47.7           | 213.8                 |   | 6,800                                  |
| 200                 | 46.3           | 209.0                 |   | 6,000                                  |
| 205                 | 44.9           | 204.0                 |   | 5,300                                  |
| 210                 | 43.4           | 198.8                 |   | 4,600                                  |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Crawlers Retracted Pounds | Boom Capacity Crawlers Extended Pounds |
|---------------------|----------------|-----------------------|---|--|
| <b>290 Ft. Boom</b> |                |                       |   |  |
| 44                  | 82.7           | 295.4                 | 75,900 *                                | 75,900 *                               |
| 46                  | 82.3           | 295.2                 | 75,600 *                                | 75,600 *                               |
| 48                  | 81.9           | 294.9                 | 75,300 *                                | 75,300 *                               |
| 50                  | 81.5           | 294.6                 | 75,100 *                                | 75,100 *                               |
| 55                  | 80.5           | 293.7                 | 74,300 *                                | 74,300 *                               |
| 60                  | 79.5           | 292.8                 | 71,100                                  | 73,100 *                               |
| 65                  | 78.5           | 291.8                 | 63,000                                  | 71,000 *                               |
| 70                  | 77.5           | 290.7                 | 56,200                                  | 66,800                                 |
| 75                  | 76.5           | 289.5                 | 50,300                                  | 60,000                                 |
| 80                  | 75.5           | 288.2                 | 45,400                                  | 54,200                                 |
| 85                  | 74.4           | 286.8                 | 41,000                                  | 49,100                                 |
| 90                  | 73.4           | 285.3                 | 37,200                                  | 44,700                                 |
| 95                  | 72.4           | 283.8                 | 33,800                                  | 40,900                                 |
| 100                 | 71.3           | 282.1                 | 30,800                                  | 37,400                                 |
| 105                 | 70.3           | 280.3                 | 28,100                                  | 34,300                                 |
| 110                 | 69.2           | 278.4                 | 25,700                                  | 31,500                                 |
| 115                 | 68.2           | 276.4                 | 23,500                                  | 29,000                                 |
| 120                 | 67.1           | 274.3                 | 21,500                                  | 26,700                                 |
| 125                 | 66.0           | 272.1                 | 19,600                                  | 24,600                                 |
| 130                 | 64.9           | 269.8                 | 17,900                                  | 22,700                                 |
| 135                 | 63.8           | 267.3                 | 16,400                                  | 20,900                                 |
| 140                 | 62.7           | 264.7                 | 14,900                                  | 19,300                                 |
| 145                 | 61.6           | 262.0                 | 13,600                                  | 17,800                                 |
| 150                 | 60.4           | 259.2                 | 12,400                                  | 16,400                                 |
| 155                 | 59.3           | 256.3                 | 11,200                                  | 15,100                                 |
| 160                 | 58.1           | 253.2                 | 10,100                                  | 13,800                                 |
| 165                 | 57.0           | 249.9                 | 9,100                                   | 12,700                                 |
| 170                 | 55.8           | 246.6                 | 8,200                                   | 11,600                                 |
| 175                 | 54.6           | 243.0                 | 7,300                                   | 10,600                                 |
| 180                 | 53.3           | 239.3                 | 6,400                                   | 9,700                                  |
| 185                 | 52.1           | 235.5                 | 5,600                                   | 8,800                                  |
| 190                 | 50.8           | 231.4                 | 4,900                                   | 7,900                                  |
| 195                 | 49.5           | 227.2                 | 4,200                                   | 7,100                                  |
| 200                 | 48.2           | 222.7                 |   | 6,400                                  |
| 205                 | 46.8           | 218.1                 |   | 5,600                                  |
| 210                 | 45.5           | 213.2                 |   | 4,900                                  |
| 215                 | 44.0           | 208.1                 |   | 4,300                                  |



# Liftcrane Boom Capacities

# 888 SERIES 2

Meets  
ANSI B30.5  
Requirements

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**28 Ft. 2 in. Crawlers Extended**  
**Rating Over Front Of Blocked Crawlers**  
**No Travel - Limited Swing**

**LIFTING CAPACITIES:** Capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load over front of machine with crawlers extended and blocked. Capacities based on structural competence are denoted by an asterisk (\*). Capacities indicated by (b) require 12,500 Lb. minimum weight.

Upper boom point capacity for liftcrane service with single part whip line is 29,500 Lbs. or 59,000 Lbs. with two part whip line. When boom butt mounted auxiliary drum is used, capacity with single part whip line is 20,000 Lbs. or 40,000 Lbs. with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

250 Ft. thru 290 Ft. boom lengths require only the middle two sheaves in lower boom point. All other sheaves must be removed from lower boom point.

Weight of jib, all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and jib point sheaves, is considered part of main boom load. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

**OPERATING CONDITIONS:** Machine to operate in a level position on a firm uniformly supporting surface with

gantry up, crawlers fully extended, and front tumbler properly blocked so that centerline of idler tumbler becomes tipping fulcrum. Drive motors must be to rear of machine. Swing is limited to that sector shown on Operating Range Diagram **No. 7770-A**. Refer to boom rigging **No. 177156** or **No. 177353** and Wire Rope Specification chart **No. 7810-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

**OPERATING RADIUS:** Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

**BOOM POINT ELEVATION:** Boom point elevation is vertical distance from ground level to centerline of boom point shaft.

**MACHINE EQUIPMENT:** Machine equipped with 28 Ft. 2 in. extendible crawlers, 48 in. treads, 10 Ft. 3 in. retractable gantry, 30 Ft. live mast, 20 part boom hoist reeving, four 1-3/8 in. boom pendants, 179,100 Lb. crane counterweight and 44,000 Lb. carbody counterweight.

| <b>Maximum Boom and Jib Lengths Lifted Unassisted Over Front of Blocked Crawlers</b>                      |             |
|---|-------------|
| Boom Length   | Jib No. 134 |
| (a) 290 Ft.   | —           |
| 280 Ft.   | —           |
| 270 Ft.   | —           |
| 260 Ft.   | 50 Ft.      |
| 250 Ft.   | 80 Ft.      |
| Load block, hook and weight ball on ground at start. (a) Upper boom point cannot be used on 290 Ft. boom. |             |

| <b>Deduct From Capacities When Jib Is Attached</b> |             |
|--|-------------|
| Jib Length   | Jib No. 134 |
| 30 Ft.   | 2,700 Lbs.  |
| 40 Ft.   | 3,500 Lbs.  |
| 50 Ft.   | 4,300 Lbs.  |
| 60 Ft.   | 5,100 Lbs.  |
| 70 Ft.   | 6,100 Lbs.  |
| 80 Ft.   | 7,100 Lbs.  |

Consult jib chart for jib capacities. Upper boom point cannot be used when jib is attached.



# Liftcrane Boom Capacities

# 888 SERIES 2

Meets  
ANSI B30.5  
Requirements

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**28 Ft. 2 in. Crawlers Extended**  
**Rating Over Front Of Blocked Crawlers**  
**No Travel - Limited Swing**

| Oper. Rad. Feet    | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|--------------------|----------------|-----------------------|----------------------|
| <b>70 Ft. Boom</b> |                |                       |                      |
| 16                 | 82.8           | 77.2                  | 441,000 *b           |
| 17                 | 82.0           | 77.1                  | 408,300 *b           |
| 18                 | 81.1           | 76.9                  | 386,800 *b           |
| 19                 | 80.3           | 76.7                  | 367,400 *b           |
| 20                 | 79.5           | 76.5                  | 349,800 *b           |
| 22                 | 77.8           | 76.0                  | 319,000 *b           |
| 24                 | 76.1           | 75.5                  | 293,000 *b           |
| 26                 | 74.4           | 74.9                  | 270,700 *            |
| 28                 | 72.7           | 74.2                  | 251,400 *            |
| 30                 | 70.9           | 73.5                  | 234,400 *            |
| 32                 | 69.2           | 72.7                  | 219,500 *            |
| 34                 | 67.4           | 71.8                  | 206,300 *            |
| 36                 | 65.6           | 70.9                  | 194,400 *            |
| 38                 | 63.7           | 69.8                  | 183,700 *            |
| 40                 | 61.9           | 68.7                  | 174,100 *            |
| 42                 | 60.0           | 67.5                  | 165,300 *            |
| 44                 | 58.0           | 66.2                  | 157,200 *            |
| 46                 | 56.0           | 64.8                  | 149,900 *            |
| 48                 | 54.0           | 63.4                  | 143,100 *            |
| 50                 | 51.9           | 61.7                  | 136,800 *            |
| 55                 | 46.3           | 57.1                  | 123,100 *            |
| 60                 | 40.1           | 51.4                  | 109,200 *            |
| 65                 | 32.9           | 44.2                  | 97,100 *             |
| 70                 | 23.7           | 34.1                  | 76,400 *             |
| <b>80 Ft. Boom</b> |                |                       |                      |
| 17                 | 83.0           | 87.2                  | 405,400 *b           |
| 18                 | 82.3           | 87.0                  | 386,000 *b           |
| 19                 | 81.5           | 86.9                  | 366,700 *b           |
| 20                 | 80.8           | 86.7                  | 349,100 *b           |
| 22                 | 79.3           | 86.3                  | 318,300 *b           |
| 24                 | 77.9           | 85.8                  | 292,200 *b           |
| 26                 | 76.4           | 85.3                  | 270,000 *            |
| 28                 | 74.9           | 84.7                  | 250,600 *            |
| 30                 | 73.4           | 84.1                  | 233,700 *            |
| 32                 | 71.9           | 83.4                  | 218,800 *            |
| 34                 | 70.4           | 82.7                  | 205,600 *            |
| 36                 | 68.8           | 81.9                  | 193,700 *            |
| 38                 | 67.3           | 81.0                  | 183,100 *            |
| 40                 | 65.7           | 80.0                  | 173,400 *            |
| 42                 | 64.1           | 79.0                  | 164,600 *            |
| 44                 | 62.4           | 78.0                  | 156,600 *            |
| 46                 | 60.8           | 76.8                  | 149,300 *            |
| 48                 | 59.1           | 75.6                  | 142,500 *            |
| 50                 | 57.4           | 74.3                  | 136,200 *            |
| 55                 | 52.9           | 70.6                  | 122,500 *            |
| 60                 | 48.2           | 66.2                  | 109,300 *            |
| 65                 | 43.0           | 61.0                  | 97,500 *             |
| 70                 | 37.3           | 54.8                  | 87,700 *             |
| 75                 | 30.6           | 46.9                  | 79,400 *             |
| 80                 | 22.0           | 36.0                  | 65,800 *             |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| <b>90 Ft. Boom</b>  |                |                       |                      |
| 19                  | 82.5           | 97.0                  | 365,000 *b           |
| 20                  | 81.8           | 96.8                  | 348,600 *b           |
| 22                  | 80.5           | 96.5                  | 317,800 *b           |
| 24                  | 79.2           | 96.1                  | 291,800 *b           |
| 26                  | 77.9           | 95.6                  | 269,500 *            |
| 28                  | 76.6           | 95.1                  | 250,200 *            |
| 30                  | 75.3           | 94.6                  | 233,300 *            |
| 32                  | 74.0           | 94.0                  | 218,400 *            |
| 34                  | 72.6           | 93.3                  | 205,100 *            |
| 36                  | 71.3           | 92.6                  | 193,300 *            |
| 38                  | 69.9           | 91.8                  | 182,600 *            |
| 40                  | 68.6           | 91.0                  | 173,000 *            |
| 42                  | 67.2           | 90.1                  | 164,200 *            |
| 44                  | 65.8           | 89.2                  | 156,200 *            |
| 46                  | 64.3           | 88.2                  | 148,900 *            |
| 48                  | 62.9           | 87.2                  | 142,100 *            |
| 50                  | 61.4           | 86.0                  | 135,900 *            |
| 55                  | 57.7           | 82.9                  | 122,200 *            |
| 60                  | 53.8           | 79.3                  | 109,400 *            |
| 65                  | 49.6           | 75.2                  | 97,600 *             |
| 70                  | 45.2           | 70.4                  | 87,800 *             |
| 75                  | 40.4           | 64.7                  | 79,500 *             |
| 80                  | 35.0           | 57.9                  | 72,500 *             |
| 85                  | 28.7           | 49.4                  | 66,300 *             |
| 90                  | 20.7           | 37.7                  | 57,100 *             |
| <b>100 Ft. Boom</b> |                |                       |                      |
| 20                  | 82.7           | 107.0                 | 348,200 *b           |
| 22                  | 81.5           | 106.6                 | 317,500 *b           |
| 24                  | 80.3           | 106.3                 | 291,500 *b           |
| 26                  | 79.2           | 105.9                 | 269,200 *            |
| 28                  | 78.0           | 105.4                 | 249,900 *            |
| 30                  | 76.8           | 104.9                 | 233,000 *            |
| 32                  | 75.6           | 104.4                 | 218,100 *            |
| 34                  | 74.4           | 103.8                 | 204,900 *            |
| 36                  | 73.2           | 103.2                 | 193,000 *            |
| 38                  | 72.0           | 102.5                 | 182,400 *            |
| 40                  | 70.8           | 101.8                 | 172,800 *            |
| 42                  | 69.6           | 101.0                 | 164,000 *            |
| 44                  | 68.3           | 100.2                 | 156,000 *            |
| 46                  | 67.1           | 99.3                  | 148,700 *            |
| 48                  | 65.8           | 98.4                  | 141,900 *            |
| 50                  | 64.6           | 97.4                  | 135,700 *            |
| 55                  | 61.3           | 94.7                  | 122,000 *            |
| 60                  | 57.9           | 91.6                  | 109,600 *            |
| 65                  | 54.4           | 88.1                  | 97,700 *             |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| <b>100 Ft. Boom</b> |                |                       |                      |
| 70                  | 50.8           | 84.1                  | 87,900 *             |
| 75                  | 46.9           | 79.5                  | 79,700 *             |
| 80                  | 42.7           | 74.3                  | 72,700 *             |
| 85                  | 38.2           | 68.1                  | 66,600 *             |
| 90                  | 33.1           | 60.8                  | 61,200 *             |
| 95                  | 27.2           | 51.7                  | 56,500 *             |
| 100                 | 19.5           | 39.4                  | 49,500 *             |
| <b>110 Ft. Boom</b> |                |                       |                      |
| 22                  | 82.3           | 116.8                 | 316,900 *            |
| 24                  | 81.2           | 116.4                 | 290,900 *            |
| 26                  | 80.2           | 116.1                 | 268,600 *            |
| 28                  | 79.1           | 115.7                 | 249,300 *            |
| 30                  | 78.0           | 115.2                 | 232,400 *            |
| 32                  | 77.0           | 114.7                 | 217,500 *            |
| 34                  | 75.9           | 114.2                 | 204,300 *            |
| 36                  | 74.8           | 113.6                 | 192,400 *            |
| 38                  | 73.7           | 113.0                 | 181,800 *            |
| 40                  | 72.6           | 112.4                 | 172,200 *            |
| 42                  | 71.5           | 111.7                 | 163,400 *            |
| 44                  | 70.4           | 110.9                 | 155,400 *            |
| 46                  | 69.3           | 110.2                 | 148,100 *            |
| 48                  | 68.2           | 109.3                 | 141,300 *            |
| 50                  | 67.0           | 108.5                 | 135,100 *            |
| 55                  | 64.1           | 106.1                 | 121,400 *            |
| 60                  | 61.2           | 103.4                 | 109,500 *            |
| 65                  | 58.1           | 100.3                 | 97,600 *             |
| 70                  | 55.0           | 96.8                  | 87,800 *             |
| 75                  | 51.7           | 93.0                  | 79,500 *             |
| 80                  | 48.2           | 88.6                  | 72,500 *             |
| 85                  | 44.5           | 83.6                  | 66,400 *             |
| 90                  | 40.6           | 77.9                  | 61,100 *             |
| 95                  | 36.3           | 71.4                  | 56,400 *             |
| 100                 | 31.5           | 63.6                  | 52,200 *             |
| 105                 | 25.8           | 54.0                  | 48,500 *             |
| 110                 | 18.6           | 40.9                  | 42,300 *             |



# Liftcrane Boom Capacities

# 888 SERIES 2

Meets  
ANSI B30.5  
Requirements

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**28 Ft. 2 in. Crawlers Extended**  
**Rating Over Front Of Blocked Crawlers**  
**No Travel - Limited Swing**

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| <b>120 Ft. Boom</b> |                |                       |                      |
| 22                  | 82.9           | 126.9                 | 309,900 *            |
| 24                  | 82.0           | 126.6                 | 290,400 *            |
| 26                  | 81.0           | 126.2                 | 268,100 *            |
| 28                  | 80.0           | 125.9                 | 248,800 *            |
| 30                  | 79.1           | 125.5                 | 232,000 *            |
| 32                  | 78.1           | 125.0                 | 217,100 *            |
| 34                  | 77.1           | 124.5                 | 203,800 *            |
| 36                  | 76.1           | 124.0                 | 192,000 *            |
| 38                  | 75.1           | 123.5                 | 181,400 *            |
| 40                  | 74.1           | 122.9                 | 171,700 *            |
| 42                  | 73.1           | 122.2                 | 163,000 *            |
| 44                  | 72.1           | 121.6                 | 155,000 *            |
| 46                  | 71.1           | 120.9                 | 147,700 *            |
| 48                  | 70.1           | 120.1                 | 140,900 *            |
| 50                  | 69.1           | 119.3                 | 134,700 *            |
| 55                  | 66.5           | 117.2                 | 121,100 *            |
| 60                  | 63.8           | 114.7                 | 109,400 *            |
| 65                  | 61.1           | 112.0                 | 97,500 *             |
| 70                  | 58.3           | 109.0                 | 87,700 *             |
| 75                  | 55.4           | 105.6                 | 79,500 *             |
| 80                  | 52.4           | 101.8                 | 72,400 *             |
| 85                  | 49.3           | 97.5                  | 66,300 *             |
| 90                  | 46.0           | 92.8                  | 61,000 *             |
| 95                  | 42.5           | 87.5                  | 56,400 *             |
| 100                 | 38.7           | 81.4                  | 52,200 *             |
| 105                 | 34.6           | 74.4                  | 48,500 *             |
| 110                 | 30.0           | 66.2                  | 45,100 *             |
| 115                 | 24.7           | 56.1                  | 42,000 *             |
| 120                 | 17.7           | 42.4                  | 36,500 *             |
| <b>130 Ft. Boom</b> |                |                       |                      |
| 24                  | 82.6           | 136.7                 | 285,200 *            |
| 26                  | 81.7           | 136.4                 | 267,800 *            |
| 28                  | 80.8           | 136.0                 | 248,600 *            |
| 30                  | 79.9           | 135.7                 | 231,700 *            |
| 32                  | 79.0           | 135.3                 | 216,800 *            |
| 34                  | 78.1           | 134.8                 | 203,600 *            |
| 36                  | 77.2           | 134.3                 | 191,800 *            |
| 38                  | 76.3           | 133.8                 | 181,100 *            |
| 40                  | 75.4           | 133.3                 | 171,500 *            |
| 42                  | 74.5           | 132.7                 | 162,700 *            |
| 44                  | 73.5           | 132.1                 | 154,800 *            |
| 46                  | 72.6           | 131.5                 | 147,400 *            |
| 48                  | 71.7           | 130.8                 | 140,700 *            |
| 50                  | 70.7           | 130.1                 | 134,500 *            |
| 55                  | 68.4           | 128.1                 | 120,800 *            |
| 60                  | 66.0           | 125.9                 | 109,400 *            |
| 65                  | 63.5           | 123.4                 | 97,600 *             |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| <b>130 Ft. Boom</b> |                |                       |                      |
| 70                  | 61.0           | 120.7                 | 87,700 *             |
| 75                  | 58.4           | 117.6                 | 79,500 *             |
| 80                  | 55.8           | 114.3                 | 72,400 *             |
| 85                  | 53.0           | 110.6                 | 66,400 *             |
| 90                  | 50.2           | 106.5                 | 61,100 *             |
| 95                  | 47.2           | 101.9                 | 56,400 *             |
| 100                 | 44.0           | 96.8                  | 52,200 *             |
| 105                 | 40.7           | 91.2                  | 48,500 *             |
| 110                 | 37.1           | 84.8                  | 45,200 *             |
| 115                 | 33.2           | 77.4                  | 42,200 *             |
| 120                 | 28.8           | 68.7                  | 39,400 *             |
| 125                 | 23.6           | 58.1                  | 36,500 *             |
| 130                 | 17.0           | 43.8                  | 31,800 *             |
| <b>140 Ft. Boom</b> |                |                       |                      |
| 26                  | 82.3           | 146.5                 | 267,300 *            |
| 28                  | 81.5           | 146.2                 | 248,000 *            |
| 30                  | 80.6           | 145.8                 | 231,200 *            |
| 32                  | 79.8           | 145.5                 | 216,300 *            |
| 34                  | 79.0           | 145.1                 | 203,100 *            |
| 36                  | 78.1           | 144.6                 | 191,300 *            |
| 38                  | 77.3           | 144.1                 | 180,600 *            |
| 40                  | 76.4           | 143.6                 | 171,000 *            |
| 42                  | 75.6           | 143.1                 | 162,200 *            |
| 44                  | 74.7           | 142.5                 | 154,300 *            |
| 46                  | 73.9           | 141.9                 | 146,900 *            |
| 48                  | 73.0           | 141.3                 | 140,200 *            |
| 50                  | 72.2           | 140.7                 | 134,000 *            |
| 55                  | 70.0           | 138.9                 | 120,400 *            |
| 60                  | 67.8           | 136.8                 | 108,900 *            |
| 65                  | 65.5           | 134.6                 | 97,400 *             |
| 70                  | 63.3           | 132.1                 | 87,600 *             |
| 75                  | 60.9           | 129.3                 | 79,300 *             |
| 80                  | 58.5           | 126.3                 | 72,200 *             |
| 85                  | 56.1           | 123.0                 | 66,200 *             |
| 90                  | 53.5           | 119.3                 | 60,900 *             |
| 95                  | 50.9           | 115.3                 | 56,200 *             |
| 100                 | 48.2           | 110.9                 | 52,100 *             |
| 105                 | 45.3           | 106.1                 | 48,400 *             |
| 110                 | 42.3           | 100.7                 | 45,000 *             |
| 115                 | 39.1           | 94.7                  | 42,000 *             |
| 120                 | 35.7           | 87.9                  | 39,300 *             |
| 125                 | 31.9           | 80.2                  | 36,800 *             |
| 130                 | 27.7           | 71.2                  | 34,400 *             |
| 135                 | 22.7           | 60.1                  | 31,600 *             |
| 140                 | 16.3           | 45.2                  | 27,500 *             |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| <b>150 Ft. Boom</b> |                |                       |                      |
| 26                  | 82.8           | 156.6                 | 244,200 *            |
| 28                  | 82.0           | 156.3                 | 238,700 *            |
| 30                  | 81.3           | 156.0                 | 230,500 *            |
| 32                  | 80.5           | 155.6                 | 215,600 *            |
| 34                  | 79.7           | 155.3                 | 202,400 *            |
| 36                  | 78.9           | 154.8                 | 190,500 *            |
| 38                  | 78.2           | 154.4                 | 179,900 *            |
| 40                  | 77.4           | 153.9                 | 170,300 *            |
| 42                  | 76.6           | 153.5                 | 161,500 *            |
| 44                  | 75.8           | 152.9                 | 153,600 *            |
| 46                  | 75.0           | 152.4                 | 146,200 *            |
| 48                  | 74.2           | 151.8                 | 139,500 *            |
| 50                  | 73.4           | 151.2                 | 133,300 *            |
| 55                  | 71.4           | 149.5                 | 119,700 *            |
| 60                  | 69.4           | 147.6                 | 108,200 *            |
| 65                  | 67.3           | 145.6                 | 97,100 *             |
| 70                  | 65.2           | 143.3                 | 87,300 *             |
| 75                  | 63.0           | 140.8                 | 79,000 *             |
| 80                  | 60.9           | 138.0                 | 71,900 *             |
| 85                  | 58.6           | 135.0                 | 65,800 *             |
| 90                  | 56.3           | 131.7                 | 60,500 *             |
| 95                  | 54.0           | 128.1                 | 55,800 *             |
| 100                 | 51.6           | 124.2                 | 51,700 *             |
| 105                 | 49.1           | 119.9                 | 48,000 *             |
| 110                 | 46.4           | 115.2                 | 44,700 *             |
| 115                 | 43.7           | 110.1                 | 41,700 *             |
| 120                 | 40.8           | 104.4                 | 38,900 *             |
| 125                 | 37.7           | 98.1                  | 36,400 *             |
| 130                 | 34.4           | 91.0                  | 34,100 *             |
| 135                 | 30.8           | 82.9                  | 32,000 *             |
| 140                 | 26.7           | 73.5                  | 30,000 *             |
| 145                 | 21.9           | 62.0                  | 27,000 *             |
| 150                 | 15.7           | 46.5                  | 23,300 *             |



# Liftcrane Boom Capacities

# 888 SERIES 2

Meets  
ANSI B30.5  
Requirements

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**28 Ft. 2 in. Crawlers Extended**  
**Rating Over Front Of Blocked Crawlers**  
**No Travel - Limited Swing**

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| <b>160 Ft. Boom</b> |                |                       |                      |
| 28                  | 82.5           | 166.4                 | 228,900 *            |
| 30                  | 81.8           | 166.1                 | 223,800 *            |
| 32                  | 81.1           | 165.8                 | 215,000 *            |
| 34                  | 80.4           | 165.4                 | 201,800 *            |
| 36                  | 79.6           | 165.1                 | 190,000 *            |
| 38                  | 78.9           | 164.6                 | 179,300 *            |
| 40                  | 78.2           | 164.2                 | 169,700 *            |
| 42                  | 77.4           | 163.7                 | 161,000 *            |
| 44                  | 76.7           | 163.3                 | 153,000 *            |
| 46                  | 76.0           | 162.7                 | 145,700 *            |
| 48                  | 75.2           | 162.2                 | 138,900 *            |
| 50                  | 74.5           | 161.6                 | 132,700 *            |
| 55                  | 72.6           | 160.1                 | 119,100 *            |
| 60                  | 70.7           | 158.3                 | 107,700 *            |
| 65                  | 68.8           | 156.4                 | 96,900               |
| 70                  | 66.8           | 154.3                 | 87,000               |
| 75                  | 64.9           | 152.0                 | 78,700               |
| 80                  | 62.9           | 149.4                 | 71,700               |
| 85                  | 60.8           | 146.7                 | 65,600               |
| 90                  | 58.7           | 143.6                 | 60,200               |
| 95                  | 56.6           | 140.4                 | 55,600               |
| 100                 | 54.4           | 136.8                 | 51,400               |
| 105                 | 52.1           | 133.0                 | 47,700               |
| 110                 | 49.8           | 128.8                 | 44,400               |
| 115                 | 47.4           | 124.3                 | 41,400               |
| 120                 | 44.9           | 119.3                 | 38,600               |
| 125                 | 42.2           | 113.9                 | 36,200               |
| 130                 | 39.4           | 108.0                 | 33,900               |
| 135                 | 36.5           | 101.4                 | 31,800               |
| 140                 | 33.3           | 94.0                  | 29,800               |
| 145                 | 29.8           | 85.6                  | 28,000               |
| 150                 | 25.8           | 75.7                  | 26,200 *             |
| 155                 | 21.2           | 63.8                  | 23,200 *             |
| 160                 | 15.2           | 47.8                  | 19,900 *             |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| <b>170 Ft. Boom</b> |                |                       |                      |
| 28                  | 83.0           | 176.5                 | 213,500 *            |
| 30                  | 82.3           | 176.2                 | 209,400 *            |
| 32                  | 81.6           | 175.9                 | 205,400 *            |
| 34                  | 80.9           | 175.6                 | 201,400 *            |
| 36                  | 80.3           | 175.2                 | 189,600 *            |
| 38                  | 79.6           | 174.9                 | 179,000 *            |
| 40                  | 78.9           | 174.4                 | 169,300 *            |
| 42                  | 78.2           | 174.0                 | 160,600 *            |
| 44                  | 77.5           | 173.6                 | 152,600 *            |
| 46                  | 76.8           | 173.1                 | 145,300 *            |
| 48                  | 76.1           | 172.6                 | 138,600 *            |
| 50                  | 75.4           | 172.0                 | 132,400 *            |
| 55                  | 73.7           | 170.6                 | 118,700 *            |
| 60                  | 71.9           | 168.9                 | 107,300 *            |
| 65                  | 70.1           | 167.1                 | 96,700               |
| 70                  | 68.3           | 165.2                 | 86,900               |
| 75                  | 66.4           | 163.0                 | 78,600               |
| 80                  | 64.6           | 160.6                 | 71,500               |
| 85                  | 62.7           | 158.1                 | 65,400               |
| 90                  | 60.8           | 155.3                 | 60,100               |
| 95                  | 58.8           | 152.3                 | 55,400               |
| 100                 | 56.8           | 149.1                 | 51,300               |
| 105                 | 54.7           | 145.6                 | 47,600               |
| 110                 | 52.6           | 141.8                 | 44,200               |
| 115                 | 50.4           | 137.7                 | 41,200               |
| 120                 | 48.2           | 133.3                 | 38,500               |
| 125                 | 45.9           | 128.5                 | 36,000               |
| 130                 | 43.4           | 123.3                 | 33,700               |
| 135                 | 40.9           | 117.6                 | 31,600               |
| 140                 | 38.2           | 111.4                 | 29,700               |
| 145                 | 35.3           | 104.5                 | 27,900               |
| 150                 | 32.2           | 96.8                  | 26,200               |
| 155                 | 28.8           | 88.1                  | 24,600               |
| 160                 | 25.0           | 77.9                  | 22,600 *             |
| 165                 | 20.5           | 65.6                  | 19,900 *             |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| <b>180 Ft. Boom</b> |                |                       |                      |
| 30                  | 82.7           | 186.3                 | 199,200 *            |
| 32                  | 82.1           | 186.0                 | 195,500 *            |
| 34                  | 81.4           | 185.7                 | 191,800 *            |
| 36                  | 80.8           | 185.4                 | 188,100 *            |
| 38                  | 80.2           | 185.0                 | 178,400 *            |
| 40                  | 79.5           | 184.6                 | 168,700 *            |
| 42                  | 78.9           | 184.2                 | 160,000 *            |
| 44                  | 78.2           | 183.8                 | 152,000 *            |
| 46                  | 77.6           | 183.4                 | 144,700 *            |
| 48                  | 76.9           | 182.9                 | 138,000 *            |
| 50                  | 76.2           | 182.4                 | 131,800 *            |
| 55                  | 74.6           | 181.0                 | 118,200 *            |
| 60                  | 72.9           | 179.5                 | 106,700 *            |
| 65                  | 71.2           | 177.8                 | 96,400               |
| 70                  | 69.5           | 175.9                 | 86,600               |
| 75                  | 67.8           | 173.9                 | 78,300               |
| 80                  | 66.1           | 171.7                 | 71,200               |
| 85                  | 64.3           | 169.3                 | 65,100               |
| 90                  | 62.5           | 166.8                 | 59,800               |
| 95                  | 60.7           | 164.0                 | 55,100               |
| 100                 | 58.9           | 161.0                 | 50,900               |
| 105                 | 57.0           | 157.8                 | 47,200               |
| 110                 | 55.0           | 154.3                 | 43,900               |
| 115                 | 53.0           | 150.6                 | 40,900               |
| 120                 | 51.0           | 146.6                 | 38,200               |
| 125                 | 48.9           | 142.3                 | 35,700               |
| 130                 | 46.7           | 137.6                 | 33,400               |
| 135                 | 44.5           | 132.6                 | 31,300               |
| 140                 | 42.1           | 127.1                 | 29,400               |
| 145                 | 39.7           | 121.2                 | 27,600               |
| 150                 | 37.1           | 114.7                 | 25,900               |
| 155                 | 34.3           | 107.6                 | 24,300               |
| 160                 | 31.3           | 99.6                  | 22,900               |
| 165                 | 28.0           | 90.6                  | 21,500               |
| 170                 | 24.3           | 80.0                  | 19,200 *             |
| 175                 | 19.9           | 67.3                  | 16,800 *             |



# Liftcrane Boom Capacities

# 888 SERIES 2

Meets  
ANSI B30.5  
Requirements

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**28 Ft. 2 in. Crawlers Extended**  
**Rating Over Front Of Blocked Crawlers**  
**No Travel - Limited Swing**

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| <b>190 Ft. Boom</b> |                |                       |                      |
| 32                  | 82.5           | 196.2                 | 181,000 *            |
| 34                  | 81.9           | 195.9                 | 178,000 *            |
| 36                  | 81.3           | 195.5                 | 175,000 *            |
| 38                  | 80.7           | 195.2                 | 172,000 *            |
| 40                  | 80.1           | 194.8                 | 168,000 *            |
| 42                  | 79.4           | 194.4                 | 159,300 *            |
| 44                  | 78.8           | 194.0                 | 151,300 *            |
| 46                  | 78.2           | 193.6                 | 144,000 *            |
| 48                  | 77.6           | 193.2                 | 137,200 *            |
| 50                  | 77.0           | 192.7                 | 131,000 *            |
| 55                  | 75.4           | 191.4                 | 117,400 *            |
| 60                  | 73.9           | 189.9                 | 106,000 *            |
| 65                  | 72.3           | 188.4                 | 96,100               |
| 70                  | 70.7           | 186.6                 | 86,200               |
| 75                  | 69.1           | 184.7                 | 77,900               |
| 80                  | 67.4           | 182.7                 | 70,800               |
| 85                  | 65.8           | 180.4                 | 64,700               |
| 90                  | 64.1           | 178.0                 | 59,400               |
| 95                  | 62.4           | 175.4                 | 54,700               |
| 100                 | 60.7           | 172.6                 | 50,500               |
| 105                 | 58.9           | 169.6                 | 46,800               |
| 110                 | 57.1           | 166.4                 | 43,500               |
| 115                 | 55.3           | 163.0                 | 40,500               |
| 120                 | 53.4           | 159.3                 | 37,800               |
| 125                 | 51.5           | 155.4                 | 35,300               |
| 130                 | 49.5           | 151.2                 | 33,000               |
| 135                 | 47.5           | 146.7                 | 30,900               |
| 140                 | 45.4           | 141.8                 | 28,900               |
| 145                 | 43.2           | 136.5                 | 27,100               |
| 150                 | 40.9           | 130.9                 | 25,500               |
| 155                 | 38.5           | 124.7                 | 23,900               |
| 160                 | 36.0           | 118.0                 | 22,500               |
| 165                 | 33.3           | 110.6                 | 21,100               |
| 170                 | 30.4           | 102.3                 | 19,800               |
| 175                 | 27.2           | 93.0                  | 18,100 *             |
| 180                 | 23.6           | 82.1                  | 16,000 *             |
| 185                 | 19.4           | 68.9                  | 13,800 *             |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| <b>200 Ft. Boom</b> |                |                       |                      |
| 32                  | 82.9           | 206.3                 | 171,000 *            |
| 34                  | 82.3           | 206.0                 | 168,200 *            |
| 36                  | 81.7           | 205.7                 | 165,400 *            |
| 38                  | 81.1           | 205.3                 | 162,600 *            |
| 40                  | 80.6           | 205.0                 | 159,800 *            |
| 42                  | 80.0           | 204.6                 | 157,100 *            |
| 44                  | 79.4           | 204.2                 | 150,700 *            |
| 46                  | 78.8           | 203.8                 | 143,300 *            |
| 48                  | 78.2           | 203.4                 | 136,600 *            |
| 50                  | 77.6           | 203.0                 | 130,400 *            |
| 55                  | 76.2           | 201.7                 | 116,800 *            |
| 60                  | 74.7           | 200.4                 | 105,400 *            |
| 65                  | 73.2           | 198.9                 | 95,700 *             |
| 70                  | 71.7           | 197.2                 | 85,900               |
| 75                  | 70.2           | 195.4                 | 77,600               |
| 80                  | 68.6           | 193.5                 | 70,500               |
| 85                  | 67.1           | 191.4                 | 64,400               |
| 90                  | 65.5           | 189.1                 | 59,000               |
| 95                  | 63.9           | 186.7                 | 54,300               |
| 100                 | 62.3           | 184.1                 | 50,200               |
| 105                 | 60.6           | 181.3                 | 46,500               |
| 110                 | 59.0           | 178.3                 | 43,100               |
| 115                 | 57.3           | 175.1                 | 40,100               |
| 120                 | 55.5           | 171.7                 | 37,400               |
| 125                 | 53.8           | 168.1                 | 34,900               |
| 130                 | 52.0           | 164.2                 | 32,600               |
| 135                 | 50.1           | 160.1                 | 30,500               |
| 140                 | 48.2           | 155.6                 | 28,600               |
| 145                 | 46.2           | 150.9                 | 26,800               |
| 150                 | 44.2           | 145.8                 | 25,100               |
| 155                 | 42.1           | 140.4                 | 23,600               |
| 160                 | 39.8           | 134.5                 | 22,100               |
| 165                 | 37.5           | 128.1                 | 20,700               |
| 170                 | 35.1           | 121.1                 | 19,500               |
| 175                 | 32.4           | 113.4                 | 18,300               |
| 180                 | 29.6           | 104.9                 | 17,000 *             |
| 185                 | 26.5           | 95.3                  | 15,100 *             |
| 190                 | 23.0           | 84.1                  | 13,200 *             |
| 195                 | 18.9           | 70.6                  | 11,200 *             |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| <b>210 Ft. Boom</b> |                |                       |                      |
| 34                  | 82.7           | 216.1                 | 158,700 *            |
| 36                  | 82.1           | 215.8                 | 156,400 *            |
| 38                  | 81.6           | 215.5                 | 154,100 *            |
| 40                  | 81.0           | 215.1                 | 151,800 *            |
| 42                  | 80.5           | 214.8                 | 149,600 *            |
| 44                  | 79.9           | 214.4                 | 147,100 *            |
| 46                  | 79.4           | 214.0                 | 142,900 *            |
| 48                  | 78.8           | 213.6                 | 136,200 *            |
| 50                  | 78.2           | 213.2                 | 129,900 *            |
| 55                  | 76.8           | 212.0                 | 116,300 *            |
| 60                  | 75.4           | 210.8                 | 104,900 *            |
| 65                  | 74.0           | 209.3                 | 95,200 *             |
| 70                  | 72.6           | 207.8                 | 85,700               |
| 75                  | 71.1           | 206.1                 | 77,300               |
| 80                  | 69.7           | 204.2                 | 70,200               |
| 85                  | 68.2           | 202.2                 | 64,100               |
| 90                  | 66.7           | 200.1                 | 58,800               |
| 95                  | 65.2           | 197.8                 | 54,100               |
| 100                 | 63.7           | 195.4                 | 49,900               |
| 105                 | 62.2           | 192.7                 | 46,200               |
| 110                 | 60.6           | 189.9                 | 42,900               |
| 115                 | 59.0           | 187.0                 | 39,800               |
| 120                 | 57.4           | 183.8                 | 37,100               |
| 125                 | 55.8           | 180.4                 | 34,600               |
| 130                 | 54.1           | 176.8                 | 32,300               |
| 135                 | 52.4           | 173.0                 | 30,200               |
| 140                 | 50.6           | 168.9                 | 28,300               |
| 145                 | 48.8           | 164.6                 | 26,500               |
| 150                 | 46.9           | 160.0                 | 24,800               |
| 155                 | 45.0           | 155.1                 | 23,300               |
| 160                 | 43.0           | 149.8                 | 21,800               |
| 165                 | 41.0           | 144.1                 | 20,500               |
| 170                 | 38.8           | 138.0                 | 19,200               |
| 175                 | 36.6           | 131.4                 | 18,000               |
| 180                 | 34.2           | 124.2                 | 16,900               |
| 185                 | 31.6           | 116.3                 | 15,800               |
| 190                 | 28.9           | 107.5                 | 14,200 *             |
| 195                 | 25.8           | 97.5                  | 12,500 *             |
| 200                 | 22.4           | 86.0                  | 10,700 *             |
| 205                 | 18.4           | 72.1                  | 8,900 *              |



# Liftcrane Boom Capacities

# 888 SERIES 2

Meets  
ANSI B30.5  
Requirements

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**28 Ft. 2 in. Crawlers Extended**  
**Rating Over Front Of Blocked Crawlers**  
**No Travel - Limited Swing**

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| <b>220 Ft. Boom</b> |                |                       |                      |
| 34                  | 83.0           | 226.2                 | 147,500 *            |
| 36                  | 82.5           | 225.9                 | 146,600 *            |
| 38                  | 82.0           | 225.6                 | 144,500 *            |
| 40                  | 81.4           | 225.3                 | 142,400 *            |
| 42                  | 80.9           | 224.9                 | 140,200 *            |
| 44                  | 80.4           | 224.6                 | 138,100 *            |
| 46                  | 79.8           | 224.2                 | 135,700 *            |
| 48                  | 79.3           | 223.8                 | 133,400 *            |
| 50                  | 78.8           | 223.4                 | 129,300 *            |
| 55                  | 77.5           | 222.3                 | 115,700 *            |
| 60                  | 76.1           | 221.1                 | 104,300 *            |
| 65                  | 74.8           | 219.7                 | 94,600 *             |
| 70                  | 73.4           | 218.3                 | 85,300               |
| 75                  | 72.0           | 216.6                 | 77,000               |
| 80                  | 70.7           | 214.9                 | 69,900               |
| 85                  | 69.3           | 213.0                 | 63,700               |
| 90                  | 67.9           | 211.0                 | 58,400               |
| 95                  | 66.4           | 208.8                 | 53,700               |
| 100                 | 65.0           | 206.5                 | 49,500               |
| 105                 | 63.6           | 204.0                 | 45,800               |
| 110                 | 62.1           | 201.4                 | 42,500               |
| 115                 | 60.6           | 198.6                 | 39,500               |
| 120                 | 59.1           | 195.6                 | 36,700               |
| 125                 | 57.5           | 192.5                 | 34,200               |
| 130                 | 56.0           | 189.1                 | 32,000               |
| 135                 | 54.4           | 185.6                 | 29,900               |
| 140                 | 52.7           | 181.8                 | 27,900               |
| 145                 | 51.1           | 177.8                 | 26,100               |
| 150                 | 49.4           | 173.5                 | 24,500               |
| 155                 | 47.6           | 169.0                 | 22,900               |
| 160                 | 45.8           | 164.2                 | 21,500               |
| 165                 | 43.9           | 159.1                 | 20,100               |
| 170                 | 42.0           | 153.6                 | 18,800               |
| 175                 | 40.0           | 147.7                 | 17,600               |
| 180                 | 37.9           | 141.4                 | 16,500               |
| 185                 | 35.7           | 134.6                 | 15,500               |
| 190                 | 33.4           | 127.1                 | 14,500               |
| 195                 | 30.9           | 119.0                 | 13,100 *             |
| 200                 | 28.2           | 110.0                 | 11,500 *             |
| 205                 | 25.2           | 99.7                  | 9,900 *              |
| 210                 | 21.9           | 87.9                  | 8,300 *              |
| 215                 | 17.9           | 73.7                  | 6,700 *              |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| <b>230 Ft. Boom</b> |                |                       |                      |
| 36                  | 82.8           | 236.0                 | 133,600 *            |
| 38                  | 82.3           | 235.7                 | 133,300 *            |
| 40                  | 81.8           | 235.4                 | 132,900 *            |
| 42                  | 81.3           | 235.1                 | 131,500 *            |
| 44                  | 80.8           | 234.7                 | 129,700 *            |
| 46                  | 80.3           | 234.4                 | 127,800 *            |
| 48                  | 79.8           | 234.0                 | 125,900 *            |
| 50                  | 79.3           | 233.6                 | 123,900 *            |
| 55                  | 78.0           | 232.6                 | 115,000 *            |
| 60                  | 76.7           | 231.4                 | 103,500 *            |
| 65                  | 75.4           | 230.1                 | 93,800 *             |
| 70                  | 74.1           | 228.7                 | 85,000               |
| 75                  | 72.8           | 227.2                 | 76,600               |
| 80                  | 71.5           | 225.5                 | 69,500               |
| 85                  | 70.2           | 223.7                 | 63,400               |
| 90                  | 68.9           | 221.8                 | 58,000               |
| 95                  | 67.5           | 219.7                 | 53,300               |
| 100                 | 66.2           | 217.5                 | 49,100               |
| 105                 | 64.8           | 215.2                 | 45,400               |
| 110                 | 63.4           | 212.7                 | 42,000               |
| 115                 | 62.0           | 210.1                 | 39,000               |
| 120                 | 60.6           | 207.3                 | 36,300               |
| 125                 | 59.1           | 204.3                 | 33,800               |
| 130                 | 57.6           | 201.1                 | 31,500               |
| 135                 | 56.1           | 197.8                 | 29,400               |
| 140                 | 54.6           | 194.3                 | 27,500               |
| 145                 | 53.1           | 190.6                 | 25,700               |
| 150                 | 51.5           | 186.6                 | 24,000               |
| 155                 | 49.9           | 182.4                 | 22,400               |
| 160                 | 48.2           | 178.0                 | 21,000               |
| 165                 | 46.5           | 173.3                 | 19,600               |
| 170                 | 44.7           | 168.3                 | 18,400               |
| 175                 | 42.9           | 163.0                 | 17,200               |
| 180                 | 41.0           | 157.3                 | 16,100               |
| 185                 | 39.1           | 151.3                 | 15,000               |
| 190                 | 37.0           | 144.7                 | 14,000               |
| 195                 | 34.9           | 137.7                 | 13,000               |
| 200                 | 32.6           | 130.1                 | 11,800 *             |
| 205                 | 30.2           | 121.7                 | 10,300 *             |
| 210                 | 27.5           | 112.4                 | 8,900 *              |
| 215                 | 24.6           | 101.9                 | 7,400 *              |
| 220                 | 21.4           | 89.8                  | 5,900 *              |
| 225                 | 17.5           | 75.2                  | 4,400 *              |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| <b>240 Ft. Boom</b> |                |                       |                      |
| 38                  | 82.6           | 245.8                 | 121,300 *            |
| 40                  | 82.2           | 245.5                 | 121,000 *            |
| 42                  | 81.7           | 245.2                 | 120,700 *            |
| 44                  | 81.2           | 244.9                 | 120,300 *            |
| 46                  | 80.7           | 244.6                 | 120,000 *            |
| 48                  | 80.2           | 244.2                 | 119,000 *            |
| 50                  | 79.7           | 243.8                 | 117,100 *            |
| 55                  | 78.5           | 242.8                 | 112,500 *            |
| 60                  | 77.3           | 241.7                 | 102,900 *            |
| 65                  | 76.1           | 240.5                 | 93,200 *             |
| 70                  | 74.8           | 239.1                 | 84,600               |
| 75                  | 73.6           | 237.6                 | 76,200               |
| 80                  | 72.3           | 236.1                 | 69,100               |
| 85                  | 71.1           | 234.4                 | 63,000               |
| 90                  | 69.8           | 232.5                 | 57,600               |
| 95                  | 68.5           | 230.6                 | 52,900               |
| 100                 | 67.2           | 228.5                 | 48,700               |
| 105                 | 65.9           | 226.3                 | 45,000               |
| 110                 | 64.6           | 223.9                 | 41,600               |
| 115                 | 63.3           | 221.4                 | 38,600               |
| 120                 | 61.9           | 218.7                 | 35,900               |
| 125                 | 60.5           | 215.9                 | 33,400               |
| 130                 | 59.2           | 213.0                 | 31,100               |
| 135                 | 57.7           | 209.8                 | 29,000               |
| 140                 | 56.3           | 206.5                 | 27,000               |
| 145                 | 54.9           | 203.0                 | 25,200               |
| 150                 | 53.4           | 199.3                 | 23,600               |
| 155                 | 51.9           | 195.4                 | 22,000               |
| 160                 | 50.3           | 191.3                 | 20,600               |
| 165                 | 48.7           | 187.0                 | 19,200               |
| 170                 | 47.1           | 182.4                 | 18,000               |
| 175                 | 45.4           | 177.5                 | 16,800               |
| 180                 | 43.7           | 172.3                 | 15,600               |
| 185                 | 41.9           | 166.8                 | 14,600               |
| 190                 | 40.1           | 161.0                 | 13,600               |
| 195                 | 38.2           | 154.7                 | 12,600               |
| 200                 | 36.2           | 148.0                 | 11,700               |
| 205                 | 34.1           | 140.8                 | 10,600 *             |
| 210                 | 31.9           | 132.9                 | 9,200 *              |
| 215                 | 29.5           | 124.3                 | 7,900 *              |
| 220                 | 26.9           | 114.7                 | 6,500 *              |
| 225                 | 24.1           | 104.0                 | 5,200 *              |



# Liftcrane Boom Capacities

# 888 SERIES 2

Meets  
ANSI B30.5  
Requirements

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**28 Ft. 2 in. Crawlers Extended**  
**Rating Over Front Of Blocked Crawlers**  
**No Travel - Limited Swing**

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| <b>250 Ft. Boom</b> |                |                       |                      |
| 38                  | 82.9           | 255.9                 | 110,200 *            |
| 40                  | 82.5           | 255.6                 | 109,900 *            |
| 42                  | 82.0           | 255.3                 | 109,600 *            |
| 44                  | 81.5           | 255.0                 | 109,300 *            |
| 46                  | 81.1           | 254.7                 | 109,000 *            |
| 48                  | 80.6           | 254.4                 | 108,600 *            |
| 50                  | 80.1           | 254.0                 | 108,300 *            |
| 55                  | 79.0           | 253.0                 | 105,200 *            |
| 60                  | 77.8           | 252.0                 | 100,900 *            |
| 65                  | 76.6           | 250.8                 | 93,300 *             |
| 70                  | 75.4           | 249.5                 | 84,800               |
| 75                  | 74.3           | 248.1                 | 76,400               |
| 80                  | 73.1           | 246.6                 | 69,300               |
| 85                  | 71.9           | 244.9                 | 63,200               |
| 90                  | 70.6           | 243.2                 | 57,800               |
| 95                  | 69.4           | 241.3                 | 53,100               |
| 100                 | 68.2           | 239.3                 | 48,900               |
| 105                 | 66.9           | 237.2                 | 45,200               |
| 110                 | 65.7           | 235.0                 | 41,800               |
| 115                 | 64.4           | 232.6                 | 38,800               |
| 120                 | 63.1           | 230.1                 | 36,100               |
| 125                 | 61.8           | 227.4                 | 33,600               |
| 130                 | 60.5           | 224.6                 | 31,300               |
| 135                 | 59.2           | 221.6                 | 29,200               |
| 140                 | 57.8           | 218.5                 | 27,200               |
| 145                 | 56.5           | 215.2                 | 25,400               |
| 150                 | 55.1           | 211.7                 | 23,800               |
| 155                 | 53.6           | 208.1                 | 22,200               |
| 160                 | 52.2           | 204.2                 | 20,800               |
| 165                 | 50.7           | 200.2                 | 19,400               |
| 170                 | 49.2           | 195.9                 | 18,200               |
| 175                 | 47.7           | 191.4                 | 17,000               |
| 180                 | 46.1           | 186.6                 | 15,800               |
| 185                 | 44.5           | 181.6                 | 14,800               |
| 190                 | 42.8           | 176.2                 | 13,800               |
| 195                 | 41.1           | 170.6                 | 12,800               |
| 200                 | 39.3           | 164.5                 | 11,900               |
| 205                 | 37.4           | 158.1                 | 11,100               |
| 210                 | 35.4           | 151.2                 | 10,300 *             |
| 215                 | 33.4           | 143.7                 | 8,900 *              |
| 220                 | 31.2           | 135.7                 | 7,700 *              |
| 225                 | 28.9           | 126.8                 | 6,400 *              |
| 230                 | 26.4           | 117.1                 | 5,200 *              |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| <b>260 Ft. Boom</b> |                |                       |                      |
| 40                  | 82.8           | 265.7                 | 100,500 *            |
| 42                  | 82.3           | 265.4                 | 100,200 *            |
| 44                  | 81.9           | 265.1                 | 99,900 *             |
| 46                  | 81.4           | 264.8                 | 99,600 *             |
| 48                  | 81.0           | 264.5                 | 99,300 *             |
| 50                  | 80.5           | 264.2                 | 98,900 *             |
| 55                  | 79.4           | 263.2                 | 98,100 *             |
| 60                  | 78.3           | 262.2                 | 95,200 *             |
| 65                  | 77.2           | 261.1                 | 91,100 *             |
| 70                  | 76.0           | 259.8                 | 84,300 *             |
| 75                  | 74.9           | 258.5                 | 76,100               |
| 80                  | 73.7           | 257.0                 | 68,900               |
| 85                  | 72.6           | 255.5                 | 62,800               |
| 90                  | 71.4           | 253.8                 | 57,400               |
| 95                  | 70.2           | 252.0                 | 52,700               |
| 100                 | 69.1           | 250.1                 | 48,500               |
| 105                 | 67.9           | 248.1                 | 44,800               |
| 110                 | 66.7           | 245.9                 | 41,400               |
| 115                 | 65.5           | 243.7                 | 38,400               |
| 120                 | 64.2           | 241.3                 | 35,700               |
| 125                 | 63.0           | 238.7                 | 33,100               |
| 130                 | 61.8           | 236.1                 | 30,900               |
| 135                 | 60.5           | 233.2                 | 28,800               |
| 140                 | 59.2           | 230.3                 | 26,800               |
| 145                 | 57.9           | 227.2                 | 25,000               |
| 150                 | 56.6           | 223.9                 | 23,400               |
| 155                 | 55.3           | 220.4                 | 21,800               |
| 160                 | 53.9           | 216.8                 | 20,400               |
| 165                 | 52.5           | 213.0                 | 19,000               |
| 170                 | 51.1           | 209.0                 | 17,700               |
| 175                 | 49.7           | 204.8                 | 16,500               |
| 180                 | 48.2           | 200.4                 | 15,400               |
| 185                 | 46.7           | 195.7                 | 14,400               |
| 190                 | 45.1           | 190.8                 | 13,400               |
| 195                 | 43.5           | 185.6                 | 12,400               |
| 200                 | 41.9           | 180.1                 | 11,500               |
| 205                 | 40.2           | 174.2                 | 10,700               |
| 210                 | 38.5           | 168.0                 | 9,900                |
| 215                 | 36.6           | 161.4                 | 9,100 *              |
| 220                 | 34.7           | 154.3                 | 7,800 *              |
| 225                 | 32.7           | 146.7                 | 6,600 *              |
| 230                 | 30.6           | 138.4                 | 5,400 *              |
| 235                 | 28.3           | 129.3                 | 4,300 *              |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| <b>270 Ft. Boom</b> |                |                       |                      |
| 40                  | 83.0           | 275.8                 | 91,900 *             |
| 42                  | 82.6           | 275.5                 | 91,600 *             |
| 44                  | 82.2           | 275.2                 | 91,300 *             |
| 46                  | 81.7           | 274.9                 | 91,000 *             |
| 48                  | 81.3           | 274.6                 | 90,700 *             |
| 50                  | 80.9           | 274.3                 | 90,400 *             |
| 55                  | 79.8           | 273.4                 | 89,500 *             |
| 60                  | 78.7           | 272.4                 | 88,700 *             |
| 65                  | 77.6           | 271.3                 | 85,900 *             |
| 70                  | 76.5           | 270.1                 | 82,200 *             |
| 75                  | 75.5           | 268.8                 | 75,700               |
| 80                  | 74.4           | 267.5                 | 68,600               |
| 85                  | 73.2           | 266.0                 | 62,400               |
| 90                  | 72.1           | 264.4                 | 57,000               |
| 95                  | 71.0           | 262.6                 | 52,300               |
| 100                 | 69.9           | 260.8                 | 48,100               |
| 105                 | 68.7           | 258.9                 | 44,300               |
| 110                 | 67.6           | 256.8                 | 41,000               |
| 115                 | 66.4           | 254.7                 | 38,000               |
| 120                 | 65.3           | 252.4                 | 35,200               |
| 125                 | 64.1           | 249.9                 | 32,700               |
| 130                 | 62.9           | 247.4                 | 30,400               |
| 135                 | 61.7           | 244.7                 | 28,300               |
| 140                 | 60.5           | 241.9                 | 26,300               |
| 145                 | 59.2           | 238.9                 | 24,500               |
| 150                 | 58.0           | 235.8                 | 22,900               |
| 155                 | 56.7           | 232.6                 | 21,300               |
| 160                 | 55.4           | 229.2                 | 19,900               |
| 165                 | 54.1           | 225.6                 | 18,500               |
| 170                 | 52.8           | 221.8                 | 17,200               |
| 175                 | 51.5           | 217.8                 | 16,100               |
| 180                 | 50.1           | 213.7                 | 14,900               |
| 185                 | 48.7           | 209.3                 | 13,900               |
| 190                 | 47.2           | 204.7                 | 12,900               |
| 195                 | 45.8           | 199.9                 | 11,900               |
| 200                 | 44.2           | 194.8                 | 11,000               |
| 205                 | 42.7           | 189.5                 | 10,200               |
| 210                 | 41.1           | 183.8                 | 9,400                |
| 215                 | 39.4           | 177.8                 | 8,600 *              |
| 220                 | 37.7           | 171.4                 | 7,700 *              |
| 225                 | 35.9           | 164.6                 | 6,500 *              |
| 230                 | 34.0           | 157.3                 | 5,400 *              |
| 235                 | 32.1           | 149.5                 | 4,300 *              |



# Liftcrane Boom Capacities

# 888 SERIES 2

Meets  
ANSI B30.5  
Requirements

**Boom No. 22EL**  
**179,100 Lb. Crane Counterweight**  
**44,000 Lb. Carbody Counterweight**  
**28 Ft. 2 in. Crawlers Extended**  
**Rating Over Front Of Blocked Crawlers**  
**No Travel - Limited Swing**

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| <b>280 Ft. Boom</b> |                |                       |                      |
| 42                  | 82.9           | 285.6                 | 83,000 *             |
| 44                  | 82.5           | 285.3                 | 82,700 *             |
| 46                  | 82.0           | 285.1                 | 82,500 *             |
| 48                  | 81.6           | 284.8                 | 82,200 *             |
| 50                  | 81.2           | 284.4                 | 81,900 *             |
| 55                  | 80.2           | 283.6                 | 81,200 *             |
| 60                  | 79.1           | 282.6                 | 80,400 *             |
| 65                  | 78.1           | 281.6                 | 78,800 *             |
| 70                  | 77.0           | 280.4                 | 75,600 *             |
| 75                  | 76.0           | 279.2                 | 72,100 *             |
| 80                  | 74.9           | 277.8                 | 68,100               |
| 85                  | 73.9           | 276.4                 | 62,000               |
| 90                  | 72.8           | 274.9                 | 56,600               |
| 95                  | 71.7           | 273.2                 | 51,900               |
| 100                 | 70.6           | 271.5                 | 47,700               |
| 105                 | 69.5           | 269.6                 | 43,900               |
| 110                 | 68.4           | 267.6                 | 40,600               |
| 115                 | 67.3           | 265.6                 | 37,500               |
| 120                 | 66.2           | 263.4                 | 34,800               |
| 125                 | 65.1           | 261.1                 | 32,300               |
| 130                 | 63.9           | 258.6                 | 30,000               |
| 135                 | 62.8           | 256.1                 | 27,800               |
| 140                 | 61.6           | 253.4                 | 25,900               |
| 145                 | 60.5           | 250.6                 | 24,100               |
| 150                 | 59.3           | 247.6                 | 22,400               |
| 155                 | 58.1           | 244.5                 | 20,900               |
| 160                 | 56.8           | 241.3                 | 19,400               |
| 165                 | 55.6           | 237.9                 | 18,100               |
| 170                 | 54.4           | 234.3                 | 16,800               |
| 175                 | 53.1           | 230.6                 | 15,600               |
| 180                 | 51.8           | 226.7                 | 14,500               |
| 185                 | 50.5           | 222.6                 | 13,400               |
| 190                 | 49.1           | 218.3                 | 12,400               |
| 195                 | 47.7           | 213.8                 | 11,500               |
| 200                 | 46.3           | 209.0                 | 10,600               |
| 205                 | 44.9           | 204.0                 | 9,700                |
| 210                 | 43.4           | 198.8                 | 8,800 *              |
| 215                 | 41.9           | 193.3                 | 7,900 *              |
| 220                 | 40.3           | 187.5                 | 7,100 *              |
| 225                 | 38.7           | 181.3                 | 6,300 *              |
| 230                 | 37.0           | 174.7                 | 5,400 *              |
| 235                 | 35.2           | 167.8                 | 4,300 *              |

| Oper. Rad. Feet     | Boom Ang. Deg. | Boom Point Elev. Feet | Boom Capacity Pounds |
|---------------------|----------------|-----------------------|----------------------|
| <b>290 Ft. Boom</b> |                |                       |                      |
| 44                  | 82.7           | 295.4                 | 75,900 *             |
| 46                  | 82.3           | 295.2                 | 75,600 *             |
| 48                  | 81.9           | 294.9                 | 75,300 *             |
| 50                  | 81.5           | 294.6                 | 75,100 *             |
| 55                  | 80.5           | 293.7                 | 74,300 *             |
| 60                  | 79.5           | 292.8                 | 73,100 *             |
| 65                  | 78.5           | 291.8                 | 71,000 *             |
| 70                  | 77.5           | 290.7                 | 69,000 *             |
| 75                  | 76.5           | 289.5                 | 67,200 *             |
| 80                  | 75.5           | 288.2                 | 64,600 *             |
| 85                  | 74.4           | 286.8                 | 61,400 *             |
| 90                  | 73.4           | 285.3                 | 56,900               |
| 95                  | 72.4           | 283.8                 | 52,200               |
| 100                 | 71.3           | 282.1                 | 48,000               |
| 105                 | 70.3           | 280.3                 | 44,300               |
| 110                 | 69.2           | 278.4                 | 40,900               |
| 115                 | 68.2           | 276.4                 | 37,900               |
| 120                 | 67.1           | 274.3                 | 35,100               |
| 125                 | 66.0           | 272.1                 | 32,600               |
| 130                 | 64.9           | 269.8                 | 30,300               |
| 135                 | 63.8           | 267.3                 | 28,200               |
| 140                 | 62.7           | 264.7                 | 26,300               |
| 145                 | 61.6           | 262.0                 | 24,500               |
| 150                 | 60.4           | 259.2                 | 22,800               |
| 155                 | 59.3           | 256.3                 | 21,200               |
| 160                 | 58.1           | 253.2                 | 19,800               |
| 165                 | 57.0           | 249.9                 | 18,400               |
| 170                 | 55.8           | 246.6                 | 17,200               |
| 175                 | 54.6           | 243.0                 | 16,000               |
| 180                 | 53.3           | 239.3                 | 14,800               |
| 185                 | 52.1           | 235.5                 | 13,800               |
| 190                 | 50.8           | 231.4                 | 12,800               |
| 195                 | 49.5           | 227.2                 | 11,800               |
| 200                 | 48.2           | 222.7                 | 10,900               |
| 205                 | 46.8           | 218.1                 | 10,100 *             |
| 210                 | 45.5           | 213.2                 | 8,900 *              |
| 215                 | 44.0           | 208.1                 | 7,600 *              |
| 220                 | 42.6           | 202.7                 | 6,500 *              |
| 225                 | 41.1           | 197.0                 | 5,400 *              |
| 230                 | 39.6           | 191.0                 | 4,300 *              |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

**JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING**

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 7813-A. CAPACITIES FOR VARIOUS BOOM LENGTHS, JIB LENGTHS AND JIB OPERATING RADIUS ARE FOR FREELY SUSPENDED LOADS AND DO NOT EXCEED 75% OF A STATIC TIPPING LOAD. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (\*).

250' THRU 290' BOOM LENGTHS REQUIRE ONLY THE MIDDLE TWO SHEAVES IN LOWER BOOM POINT. ALL OTHER SHEAVES MUST BE REMOVED FROM LOWER BOOM POINT.

WEIGHT OF ALL LOAD BLOCKS, HOOKS, WEIGHT BALL, SLINGS, HOIST LINES, ETC., BENEATH BOOM AND JIB POINT SHEAVES, IS CONSIDERED PART OF JIB LOAD. BOOM AND JIB ARE NOT TO BE LOWERED BEYOND RADIUS WHERE COMBINED WEIGHTS ARE GREATER THAN RATED CAPACITY. WHERE NO CAPACITY IS SHOWN, OPERATION IS NOT INTENDED OR APPROVED.

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM UNIFORMLY SUPPORTING SURFACE WITH CRAWLERS FULLY EXTENDED AND GANTRY UP. REFER TO BOOM RIGGING NO. 177156 OR NO. 177353, JIB ASSEMBLY NO. 177062, AND WIRE ROPE SPECIFICATION CHART NO. 7810-A. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC LOAD EFFECTS OF SWINGING, HOISTING OR LOWERING, TRAVEL, WIND CONDITIONS, AS WELL AS ADVERSE OPERATING CONDITIONS AND PHYSICAL MACHINE DEPRECIATION. REFER TO OPERATORS MANUAL FOR OPERATING GUIDELINES.

MACHINE TO TRAVEL ON A FIRM, LEVEL AND UNIFORMLY SUPPORTING SURFACE AND BOOM WITHIN BOOM ANGLE RANGE SHOWN IN CAPACITY CHART. REFER TO MAXIMUM ALLOWABLE TRAVEL SPECIFICATION CHART NO. 7808-A.

OPERATING RADIUS IS HORIZONTAL DISTANCE FROM AXIS OF ROTATION TO CENTER OF VERTICAL HOIST LINE OR LOAD BLOCK. BOOM ANGLE IS ANGLE BETWEEN HORIZONTAL AND CENTERLINE OF BOOM BUTT AND INSERTS, AND IS AN INDICATION OF OPERATING RADIUS. IN ALL CASES, OPERATING RADIUS SHALL GOVERN CAPACITY. JIB POINT ELEVATION IS VERTICAL DISTANCE FROM GROUND LEVEL TO CENTERLINE OF JIB POINT SHAFT.

MACHINE EQUIPPED WITH 28'2" CRAWLERS, 48" TREADS, 10'3" RETRACTABLE GANTRY, 30' LIVE MAST, 20 PART BOOM HOIST REEVING, FOUR 1-3/8" BOOM PENDANTS, 179,100 LB. CRANE COUNTERWEIGHT AND 44,000 LB. CARBODY COUNTERWEIGHT.

MAXIMUM CAPACITY ON 26 mm OR 1" WIRE ROPE IS 29,500 LBS. PER LINE (20,000 LBS. WHEN AUXILIARY DRUM IS USED).

| MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED |             |                                  |             |                                   |             |                                    |             |
|--|-------------|----------------------------------|-------------|-----------------------------------|-------------|------------------------------------|-------------|
| OVER FRONT OF<br>BLOCKED CRAWLERS              |             | OVER REAR OF<br>BLOCKED CRAWLERS |             | OVER SIDE OF<br>EXTENDED CRAWLERS |             | OVER SIDE OF<br>RETRACTED CRAWLERS |             |
| BOOM LENGTH                                    | JIB NO. 134 | BOOM LENGTH                      | JIB NO. 134 | BOOM LENGTH                       | JIB NO. 134 | BOOM LENGTH                        | JIB NO. 134 |
| (a) 290'                                       | ---         | (a) 280'                         | ---         | (a) 260'                          | ---         | 230'                               | ---         |
| 280'   | ---         | 270'                             | ---         | 250'                              | ---         | 220'                               | 30'         |
| 270'   | ---         | 260'                             | 40'         | 240'                              | ---         | 210'                               | 60'         |
| 260'   | 50'         | 250'                             | 70'         | 230'                              | 50'         | 200'                               | 80'         |
| 250'   | 80'         | 240'                             | 80'         | 220'                              | 80'         |                                    |             |

LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START. (a) UPPER BOOM POINT CANNOT BE USED ON 290' BOOM AND CANNOT BE LIFTED OVER REAR OF BLOCKED CRAWLERS ON 280' BOOM OR SIDE OF EXTENDED CRAWLERS ON 260' BOOM.

### 30 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 90              | 30                  | 79.2            | 125.4                | 59,000*             |                  |                      |                     |                  |                      |                     | 30                  |
|                 | 35                  | 76.7            | 124.3                | 59,000*             |                  |                      |                     |                  |                      |                     | 35                  |
|                 | 40                  | 74.2            | 122.9                | 59,000*             | 76.7             | 122.1                | 59,000*             | 79.3             | 120.4                | 48,900*             | 40                  |
|                 | 45                  | 71.7            | 121.2                | 59,000*             | 74.2             | 120.4                | 58,100*             | 76.7             | 118.7                | 46,200*             | 45                  |
|                 | 50                  | 69.2            | 119.3                | 59,000*             | 71.6             | 118.5                | 57,100*             | 74.1             | 116.8                | 43,800*             | 50                  |
|                 | 55                  | 66.6            | 117.2                | 59,000*             | 69.0             | 116.4                | 56,200*             | 71.4             | 114.6                | 41,700*             | 55                  |
|                 | 60                  | 63.9            | 114.7                | 58,100*             | 66.3             | 113.9                | 55,300*             | 68.7             | 112.1                | 39,900*             | 60                  |
|                 | 65                  | 61.2            | 112.0                | 57,100*             | 63.6             | 111.2                | 54,600*             | 65.9             | 109.3                | 38,200*             | 65                  |
|                 | 70                  | 58.4            | 108.9                | 56,100*             | 60.8             | 108.1                | 53,900*             | 63.0             | 106.1                | 36,700*             | 70                  |
|                 | 75                  | 55.5            | 105.5                | 55,300*             | 57.9             | 104.7                | 51,700*             | 60.1             | 102.6                | 35,400*             | 75                  |
|                 | 80                  | 52.5            | 101.7                | 54,600*             | 54.8             | 100.8                | 49,300*             | 57.0             | 98.7                 | 34,200*             | 80                  |
|                 | 85                  | 49.4            | 97.5                 | 53,900*             | 51.7             | 96.5                 | 47,100*             | 53.7             | 94.3                 | 33,100*             | 85                  |
|                 | 90                  | 46.1            | 92.8                 | 52,100              | 48.4             | 91.8                 | 45,200*             | 50.3             | 89.4                 | 32,200*             | 90                  |
|                 | 100                 | 38.9            | 81.4                 | 44,900              | 41.0             | 80.2                 | 41,900*             | 42.7             | 77.5                 | 30,600*             | 100                 |
|                 | 110                 | 30.2            | 66.2                 | 39,000              | 32.1             | 64.7                 | 39,200              |                  |                      |                     | 110                 |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 30 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| <b>100</b>      | 30                  | 80.0            | 135.6                | 59,000*             |                  |                      |                     |                  |                      |                     | 30                  |
|                 | 35                  | 77.8            | 134.6                | 59,000*             | 80.1             | 133.8                | 59,000*             |                  |                      |                     | 35                  |
|                 | 40                  | 75.5            | 133.3                | 59,000*             | 77.8             | 132.5                | 59,000*             | 80.1             | 130.8                | 49,900*             | 40                  |
|                 | 45                  | 73.2            | 131.8                | 59,000*             | 75.5             | 131.0                | 58,700*             | 77.8             | 129.2                | 47,300*             | 45                  |
|                 | 50                  | 70.9            | 130.0                | 59,000*             | 73.1             | 129.2                | 57,700*             | 75.4             | 127.5                | 45,000*             | 50                  |
|                 | 55                  | 68.5            | 128.1                | 59,000*             | 70.8             | 127.3                | 56,800*             | 73.0             | 125.5                | 42,900*             | 55                  |
|                 | 60                  | 66.1            | 125.9                | 59,000*             | 68.3             | 125.0                | 56,000*             | 70.5             | 123.2                | 41,100*             | 60                  |
|                 | 65                  | 63.6            | 123.4                | 58,000*             | 65.9             | 122.6                | 55,200*             | 68.0             | 120.7                | 39,400*             | 65                  |
|                 | 70                  | 61.1            | 120.7                | 57,100*             | 63.3             | 119.8                | 54,500*             | 65.4             | 117.9                | 38,000*             | 70                  |
|                 | 75                  | 58.5            | 117.6                | 56,200*             | 60.7             | 116.7                | 53,800*             | 62.8             | 114.8                | 36,600*             | 75                  |
|                 | 80                  | 55.9            | 114.3                | 55,400*             | 58.0             | 113.3                | 51,800*             | 60.1             | 111.3                | 34,300*             | 80                  |
|                 | 85                  | 53.1            | 110.5                | 54,700*             | 55.3             | 109.6                | 49,600*             | 57.2             | 107.5                | 34,300*             | 85                  |
| 90              | 50.3                | 106.4           | 51,900               | 52.4                | 105.5            | 47,600*              | 54.3                | 103.2            | 33,300*              | 90                  |                     |
| 100             | 44.2                | 96.8            | 44,600               | 46.2                | 95.7             | 44,100*              | 47.9                | 93.3             | 31,600*              | 100                 |                     |
| 110             | 37.2                | 84.7            | 38,800               | 39.2                | 83.5             | 39,100               |                     |                  |                      | 110                 |                     |
| 120             | 28.9                | 68.7            | 33,900               | 30.7                | 67.1             | 34,200               |                     |                  |                      | 120                 |                     |
| <b>110</b>      | 30                  | 80.7            | 145.8                | 59,000*             |                  |                      |                     |                  |                      |                     | 30                  |
|                 | 35                  | 78.7            | 144.8                | 59,000*             | 80.8             | 144.0                | 59,000*             |                  |                      |                     | 35                  |
|                 | 40                  | 76.5            | 143.6                | 59,000*             | 78.7             | 142.8                | 59,000*             | 80.9             | 141.1                | 50,800*             | 40                  |
|                 | 45                  | 74.4            | 142.2                | 59,000*             | 76.6             | 141.4                | 59,000*             | 78.7             | 139.7                | 48,300*             | 45                  |
|                 | 50                  | 72.3            | 140.6                | 59,000*             | 74.4             | 139.8                | 58,200*             | 76.5             | 138.0                | 46,000*             | 50                  |
|                 | 55                  | 70.1            | 138.8                | 59,000*             | 72.2             | 138.0                | 57,400*             | 74.3             | 136.2                | 44,000*             | 55                  |
|                 | 60                  | 67.9            | 136.8                | 59,000*             | 70.0             | 136.0                | 56,500*             | 72.1             | 134.1                | 42,200*             | 60                  |
|                 | 65                  | 65.7            | 134.6                | 59,000*             | 67.7             | 133.7                | 55,800*             | 69.8             | 131.8                | 40,600*             | 65                  |
|                 | 70                  | 63.4            | 132.1                | 57,900*             | 65.4             | 131.2                | 55,100*             | 67.4             | 129.3                | 39,100*             | 70                  |
|                 | 75                  | 61.0            | 129.3                | 57,000*             | 63.1             | 128.4                | 54,400*             | 65.0             | 126.5                | 37,700*             | 75                  |
|                 | 80                  | 58.6            | 126.3                | 56,200*             | 60.7             | 125.4                | 53,800*             | 62.6             | 123.4                | 36,500*             | 80                  |
|                 | 85                  | 56.2            | 123.0                | 55,500*             | 58.2             | 122.0                | 51,900*             | 60.1             | 120.0                | 35,400*             | 85                  |
| 90              | 53.6                | 119.3           | 51,400               | 55.6                | 118.4            | 49,900*              | 57.5                | 116.2            | 34,400*              | 90                  |                     |
| 100             | 48.3                | 110.9           | 44,200               | 50.2                | 109.9            | 44,700               | 51.9                | 107.5            | 32,600*              | 100                 |                     |
| 110             | 42.4                | 100.7           | 38,300               | 44.3                | 99.5             | 38,700               | 45.9                | 96.9             | 31,100*              | 110                 |                     |
| 120             | 35.8                | 87.9            | 33,500               | 37.6                | 86.6             | 33,800               |                     |                  |                      | 120                 |                     |
| 130             | 27.8                | 71.1            | 29,500               |                     |                  |                      |                     |                  |                      | 130                 |                     |
| <b>120</b>      | 35                  | 79.4            | 155.0                | 59,000*             |                  |                      |                     |                  |                      |                     | 35                  |
|                 | 40                  | 77.5            | 153.9                | 59,000*             | 79.5             | 153.1                | 59,000*             |                  |                      |                     | 40                  |
|                 | 45                  | 75.5            | 152.6                | 59,000*             | 77.5             | 151.8                | 59,000*             | 79.5             | 150.0                | 49,100*             | 45                  |
|                 | 50                  | 73.5            | 151.2                | 59,000*             | 75.5             | 150.4                | 58,700*             | 77.5             | 148.5                | 47,000*             | 50                  |
|                 | 55                  | 71.5            | 149.5                | 59,000*             | 73.5             | 148.7                | 57,800*             | 75.4             | 146.8                | 45,000*             | 55                  |
|                 | 60                  | 69.4            | 147.6                | 59,000*             | 71.4             | 146.8                | 57,100*             | 73.4             | 144.9                | 43,200*             | 60                  |
|                 | 65                  | 67.4            | 145.5                | 59,000*             | 69.3             | 144.7                | 56,300*             | 71.2             | 142.8                | 41,600*             | 65                  |
|                 | 70                  | 65.3            | 143.3                | 58,700*             | 67.2             | 142.4                | 55,600*             | 69.1             | 140.5                | 40,100*             | 70                  |
|                 | 75                  | 63.1            | 140.7                | 57,800*             | 65.1             | 139.9                | 54,900*             | 66.9             | 137.9                | 38,800*             | 75                  |
|                 | 80                  | 61.0            | 138.0                | 57,000*             | 62.9             | 137.1                | 54,400*             | 64.7             | 135.1                | 37,500*             | 80                  |
|                 | 85                  | 58.7            | 135.0                | 55,500              | 60.6             | 134.0                | 53,800*             | 62.4             | 132.0                | 36,400*             | 85                  |
|                 | 90                  | 56.4            | 131.7                | 51,100              | 58.3             | 130.7                | 51,800              | 60.1             | 128.6                | 35,400*             | 90                  |
| 100             | 51.7                | 124.1           | 43,800               | 53.5                | 123.2            | 44,400               | 55.1                | 120.9            | 33,600*              | 100                 |                     |
| 110             | 46.5                | 115.2           | 38,000               | 48.3                | 114.1            | 38,500               | 49.9                | 111.7            | 32,000*              | 110                 |                     |
| 120             | 40.9                | 104.4           | 33,200               | 42.6                | 103.2            | 33,600               | 44.0                | 100.4            | 30,800*              | 120                 |                     |
| 130             | 34.5                | 91.0            | 29,200               | 36.1                | 89.6             | 29,500               |                     |                  |                      | 130                 |                     |
| 140             | 26.8                | 73.5            | 25,800               |                     |                  |                      |                     |                  |                      | 140                 |                     |
| <b>130</b>      | 35                  | 80.1            | 165.2                | 59,000*             |                  |                      |                     |                  |                      |                     | 35                  |
|                 | 40                  | 78.3            | 164.2                | 59,000*             | 80.2             | 163.4                | 59,000*             |                  |                      |                     | 40                  |
|                 | 45                  | 76.4            | 163.0                | 59,000*             | 78.3             | 162.2                | 59,000*             | 80.2             | 160.4                | 49,900*             | 45                  |
|                 | 50                  | 74.6            | 161.6                | 59,000*             | 76.4             | 160.8                | 59,000*             | 78.3             | 159.0                | 47,800*             | 50                  |
|                 | 55                  | 72.7            | 160.1                | 59,000*             | 74.5             | 159.2                | 58,300*             | 76.4             | 157.4                | 45,900*             | 55                  |
|                 | 60                  | 70.8            | 158.3                | 59,000*             | 72.6             | 157.5                | 57,500*             | 74.5             | 155.6                | 44,100*             | 60                  |
|                 | 65                  | 68.9            | 156.4                | 59,000*             | 70.7             | 155.5                | 56,800*             | 72.5             | 153.7                | 42,600*             | 65                  |
|                 | 70                  | 66.9            | 154.3                | 59,000*             | 68.8             | 153.4                | 56,100*             | 70.5             | 151.5                | 41,100*             | 70                  |
|                 | 75                  | 65.0            | 151.9                | 58,600*             | 66.8             | 151.1                | 55,500*             | 68.5             | 149.1                | 39,800*             | 75                  |
|                 | 80                  | 62.9            | 149.4                | 57,700*             | 64.7             | 148.5                | 54,900*             | 66.5             | 146.5                | 38,500*             | 80                  |
|                 | 85                  | 60.9            | 146.6                | 55,200              | 62.7             | 145.7                | 54,300*             | 64.4             | 143.7                | 37,400*             | 85                  |
|                 | 90                  | 58.8            | 143.6                | 50,900              | 60.6             | 142.7                | 51,600              | 62.2             | 140.6                | 36,300*             | 90                  |
| 100             | 54.5                | 136.8           | 43,600               | 56.2                | 135.8            | 44,200               | 57.8                | 133.6            | 34,500*              | 100                 |                     |
| 110             | 49.9                | 128.8           | 37,800               | 51.6                | 127.8            | 38,300               | 53.1                | 125.4            | 32,900*              | 110                 |                     |
| 120             | 44.9                | 119.3           | 33,000               | 46.6                | 118.2            | 33,400               | 48.0                | 115.6            | 31,600*              | 120                 |                     |
| 130             | 39.5                | 107.9           | 29,000               | 41.1                | 106.7            | 29,300               | 42.4                | 103.8            | 29,600               | 130                 |                     |
| 140             | 33.4                | 93.9            | 25,600               | 34.9                | 92.5             | 25,800               |                     |                  |                      | 140                 |                     |
| 150             | 25.9                | 75.7            | 22,600               |                     |                  |                      |                     |                  |                      | 150                 |                     |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 30 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 140             | 35                  | 80.7            | 175.4                | 59,000*             |                  |                      |                     |                  |                      |                     | 35                  |
|                 | 40                  | 79.0            | 174.4                | 59,000*             | 80.7             | 173.6                | 59,000*             |                  |                      |                     | 40                  |
|                 | 45                  | 77.2            | 173.3                | 59,000*             | 79.0             | 172.5                | 59,000*             | 80.8             | 170.6                | 50,600*             | 45                  |
|                 | 50                  | 75.5            | 172.0                | 59,000*             | 77.3             | 171.2                | 59,000*             | 79.0             | 169.3                | 48,600*             | 50                  |
|                 | 55                  | 73.7            | 170.5                | 59,000*             | 75.5             | 169.7                | 58,700*             | 77.2             | 167.9                | 46,700*             | 55                  |
|                 | 60                  | 72.0            | 168.9                | 59,000*             | 73.7             | 168.1                | 57,900*             | 75.4             | 166.2                | 45,000*             | 60                  |
|                 | 65                  | 70.2            | 167.1                | 59,000*             | 71.9             | 166.3                | 57,200*             | 73.6             | 164.4                | 43,400*             | 65                  |
|                 | 70                  | 68.4            | 165.1                | 59,000*             | 70.1             | 164.3                | 56,600*             | 71.8             | 162.4                | 42,000*             | 70                  |
|                 | 75                  | 66.5            | 163.0                | 59,000*             | 68.2             | 162.1                | 55,900*             | 69.9             | 160.2                | 40,700*             | 75                  |
|                 | 80                  | 64.7            | 160.6                | 58,500*             | 66.4             | 159.7                | 55,300*             | 68.0             | 157.8                | 39,400*             | 80                  |
|                 | 85                  | 62.8            | 158.1                | 54,900              | 64.5             | 157.2                | 54,800*             | 66.1             | 155.1                | 38,300*             | 85                  |
|                 | 90                  | 60.8            | 155.3                | 50,500              | 62.5             | 154.4                | 51,200              | 64.1             | 152.3                | 37,300*             | 90                  |
|                 | 100                 | 56.9            | 149.0                | 43,200              | 58.5             | 148.1                | 43,900              | 60.0             | 145.9                | 35,400*             | 100                 |
|                 | 110                 | 52.7            | 141.8                | 37,400              | 54.3             | 140.8                | 37,900              | 55.8             | 138.5                | 33,800*             | 110                 |
|                 | 120                 | 48.3            | 133.3                | 32,600              | 49.9             | 132.2                | 33,100              | 51.2             | 129.8                | 32,400*             | 120                 |
|                 | 130                 | 43.5            | 123.3                | 28,600              | 45.1             | 122.1                | 29,000              | 46.3             | 119.5                | 29,300              | 130                 |
| 140             | 38.3                | 111.4           | 25,200               | 39.8                | 110.1            | 25,500               |                     |                  |                      | 140                 |                     |
| 150             | 32.3                | 96.8            | 22,300               | 33.7                | 95.3             | 22,500               |                     |                  |                      | 150                 |                     |
| 160             | 25.1                | 77.9            | 19,700               |                     |                  |                      |                     |                  |                      | 160                 |                     |
| 150             | 40                  | 79.6            | 184.6                | 59,000*             |                  |                      |                     |                  |                      |                     | 40                  |
|                 | 45                  | 78.0            | 183.6                | 59,000*             | 79.6             | 182.7                | 59,000*             |                  |                      |                     | 45                  |
|                 | 50                  | 76.3            | 182.3                | 59,000*             | 78.0             | 181.5                | 59,000*             | 79.7             | 179.7                | 49,300*             | 50                  |
|                 | 55                  | 74.7            | 181.0                | 59,000*             | 76.3             | 180.1                | 59,000*             | 78.0             | 178.3                | 47,500*             | 55                  |
|                 | 60                  | 73.0            | 179.5                | 59,000*             | 74.7             | 178.6                | 58,300*             | 76.3             | 176.7                | 45,800*             | 60                  |
|                 | 65                  | 71.3            | 177.8                | 59,000*             | 73.0             | 176.9                | 57,600*             | 74.6             | 175.0                | 44,300*             | 65                  |
|                 | 70                  | 69.6            | 175.9                | 59,000*             | 71.3             | 175.1                | 57,000*             | 72.9             | 173.1                | 42,800*             | 70                  |
|                 | 75                  | 67.9            | 173.9                | 59,000*             | 69.5             | 173.0                | 56,400*             | 71.1             | 171.1                | 41,500*             | 75                  |
|                 | 80                  | 66.2            | 171.7                | 59,000*             | 67.8             | 170.8                | 55,800*             | 69.3             | 168.8                | 40,300*             | 80                  |
|                 | 85                  | 64.4            | 169.3                | 54,400              | 66.0             | 168.4                | 55,200*             | 67.6             | 166.4                | 39,200*             | 85                  |
|                 | 90                  | 62.6            | 166.7                | 50,000              | 64.2             | 165.8                | 50,800              | 65.7             | 163.8                | 38,100*             | 90                  |
|                 | 100                 | 58.9            | 161.0                | 42,800              | 60.5             | 160.0                | 43,400              | 62.0             | 157.9                | 36,200*             | 100                 |
|                 | 110                 | 55.1            | 154.3                | 36,900              | 56.7             | 153.3                | 37,500              | 58.1             | 151.1                | 34,600*             | 110                 |
|                 | 120                 | 51.1            | 146.5                | 32,100              | 52.6             | 145.5                | 32,600              | 53.9             | 143.1                | 33,100              | 120                 |
|                 | 130                 | 46.8            | 137.6                | 28,100              | 48.3             | 136.5                | 28,600              | 49.6             | 133.9                | 28,900              | 130                 |
|                 | 140                 | 42.2            | 127.1                | 24,700              | 43.6             | 125.9                | 25,100              | 44.8             | 123.2                | 25,400              | 140                 |
| 150             | 37.1                | 114.7           | 21,800               | 38.5                | 113.4            | 22,100               |                     |                  |                      | 150                 |                     |
| 160             | 31.4                | 99.6            | 19,300               | 32.7                | 98.0             | 19,500               |                     |                  |                      | 160                 |                     |
| 170             | 24.4                | 80.0            | 17,000               |                     |                  |                      |                     |                  |                      | 170                 |                     |
| 160             | 40                  | 80.1            | 194.8                | 59,000*             |                  |                      |                     |                  |                      |                     | 40                  |
|                 | 45                  | 78.6            | 193.8                | 59,000*             | 80.2             | 193.0                | 59,000*             |                  |                      |                     | 45                  |
|                 | 50                  | 77.1            | 192.7                | 59,000*             | 78.6             | 191.8                | 59,000*             | 80.2             | 190.0                | 50,000*             | 50                  |
|                 | 55                  | 75.5            | 191.4                | 59,000*             | 77.1             | 190.5                | 59,000*             | 78.6             | 188.6                | 48,200*             | 55                  |
|                 | 60                  | 73.9            | 189.9                | 59,000*             | 75.5             | 189.1                | 58,700*             | 77.1             | 187.2                | 46,500*             | 60                  |
|                 | 65                  | 72.3            | 188.3                | 59,000*             | 73.9             | 187.5                | 58,000*             | 75.4             | 185.6                | 45,000*             | 65                  |
|                 | 70                  | 70.8            | 186.6                | 59,000*             | 72.3             | 185.7                | 57,400*             | 73.8             | 183.8                | 43,600*             | 70                  |
|                 | 75                  | 69.1            | 184.7                | 59,000*             | 70.7             | 183.8                | 56,800*             | 72.2             | 181.9                | 42,300*             | 75                  |
|                 | 80                  | 67.5            | 182.6                | 59,000*             | 69.0             | 181.8                | 56,200*             | 70.5             | 179.8                | 41,100*             | 80                  |
|                 | 85                  | 65.9            | 180.4                | 54,000              | 67.4             | 179.5                | 54,900              | 68.9             | 177.5                | 40,000*             | 85                  |
|                 | 90                  | 64.2            | 178.0                | 49,600              | 65.7             | 177.1                | 50,500              | 67.1             | 175.0                | 38,900*             | 90                  |
|                 | 100                 | 60.8            | 172.6                | 42,300              | 62.3             | 171.7                | 43,100              | 63.7             | 169.6                | 37,000*             | 100                 |
|                 | 110                 | 57.2            | 166.4                | 36,500              | 58.7             | 165.4                | 37,100              | 60.0             | 163.3                | 35,400*             | 110                 |
|                 | 120                 | 53.5            | 159.3                | 31,700              | 55.0             | 158.3                | 32,300              | 56.3             | 156.0                | 32,700              | 120                 |
|                 | 130                 | 49.6            | 151.2                | 27,700              | 51.0             | 150.1                | 28,200              | 52.3             | 147.6                | 28,600              | 130                 |
|                 | 140                 | 45.5            | 141.8                | 24,300              | 46.9             | 140.6                | 24,700              | 48.0             | 138.0                | 25,000              | 140                 |
| 150             | 41.0                | 130.8           | 21,400               | 42.4                | 129.6            | 21,700               | 43.4                | 126.7            | 22,000               | 150                 |                     |
| 160             | 36.1                | 117.9           | 18,900               | 37.4                | 116.5            | 19,100               |                     |                  |                      | 160                 |                     |
| 170             | 30.5                | 102.3           | 16,600               | 31.7                | 100.6            | 16,800               |                     |                  |                      | 170                 |                     |
| 180             | 23.7                | 82.0            | 14,600               |                     |                  |                      |                     |                  |                      | 180                 |                     |

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|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 170             | 40                  | 80.6            | 205.0                | 59,000*             |                  |                      |                     |                  |                      |                     | 40                  |
|                 | 45                  | 79.2            | 204.0                | 59,000*             | 80.7             | 203.2                | 59,000*             |                  |                      |                     | 45                  |
|                 | 50                  | 77.7            | 202.9                | 59,000*             | 79.2             | 202.1                | 59,000*             | 80.7             | 200.2                | 50,600*             | 50                  |
|                 | 55                  | 76.2            | 201.7                | 59,000*             | 77.7             | 200.9                | 59,000*             | 79.2             | 199.0                | 48,800*             | 55                  |
|                 | 60                  | 74.8            | 200.4                | 59,000*             | 76.2             | 199.5                | 59,000*             | 77.7             | 197.6                | 47,200*             | 60                  |
|                 | 65                  | 73.3            | 198.9                | 59,000*             | 74.7             | 198.0                | 58,300*             | 76.2             | 196.1                | 45,700*             | 65                  |
|                 | 70                  | 71.8            | 197.2                | 59,000*             | 73.2             | 196.3                | 57,700*             | 74.7             | 194.4                | 44,300*             | 70                  |
|                 | 75                  | 70.2            | 195.4                | 59,000*             | 71.7             | 194.5                | 57,200*             | 73.1             | 192.6                | 43,000*             | 75                  |
|                 | 80                  | 68.7            | 193.5                | 58,700              | 70.2             | 192.6                | 56,600*             | 71.6             | 190.6                | 41,800*             | 80                  |
|                 | 85                  | 67.1            | 191.4                | 53,700              | 68.6             | 190.5                | 54,600              | 70.0             | 188.5                | 40,700*             | 85                  |
|                 | 90                  | 65.6            | 189.1                | 49,300              | 67.0             | 188.2                | 50,200              | 68.4             | 186.2                | 39,700*             | 90                  |
|                 | 100                 | 62.4            | 184.1                | 42,000              | 63.8             | 183.1                | 42,800              | 65.1             | 181.0                | 37,800*             | 100                 |
|                 | 110                 | 59.0            | 178.3                | 36,200              | 60.5             | 177.3                | 36,900              | 61.8             | 175.2                | 36,100*             | 110                 |
|                 | 120                 | 55.6            | 171.7                | 31,400              | 57.0             | 170.7                | 32,000              | 58.3             | 168.4                | 32,500              | 120                 |
|                 | 130                 | 52.0            | 164.2                | 27,400              | 53.4             | 163.1                | 27,900              | 54.6             | 160.8                | 28,300              | 130                 |
|                 | 140                 | 48.3            | 155.6                | 24,000              | 49.6             | 154.5                | 24,500              | 50.8             | 152.0                | 24,800              | 140                 |
|                 | 150                 | 44.2            | 145.8                | 21,100              | 45.6             | 144.6                | 21,500              | 46.6             | 141.9                | 21,800              | 150                 |
| 160             | 39.9                | 134.5           | 18,600               | 41.2                | 133.2            | 18,900               | 42.2                | 130.2            | 19,100               | 160                 |                     |
| 170             | 35.1                | 121.1           | 16,400               | 36.3                | 119.6            | 16,600               |                     |                  |                      | 170                 |                     |
| 180             | 29.7                | 104.9           | 14,400               | 30.8                | 103.2            | 14,600               |                     |                  |                      | 180                 |                     |
| 190             | 23.0                | 84.0            | 12,600               |                     |                  |                      |                     |                  |                      | 190                 |                     |
| 180             | 45                  | 79.7            | 214.2                | 59,000*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 78.3            | 213.2                | 59,000*             | 79.7             | 212.3                | 59,000*             |                  |                      |                     | 50                  |
|                 | 55                  | 76.9            | 212.0                | 59,000*             | 78.3             | 211.2                | 59,000*             | 79.8             | 209.3                | 49,400*             | 55                  |
|                 | 60                  | 75.5            | 210.7                | 59,000*             | 76.9             | 209.9                | 59,000*             | 78.3             | 208.0                | 47,900*             | 60                  |
|                 | 65                  | 74.1            | 209.3                | 59,000*             | 75.5             | 208.4                | 58,700*             | 76.9             | 206.5                | 46,400*             | 65                  |
|                 | 70                  | 72.7            | 207.7                | 59,000*             | 74.1             | 206.9                | 58,100*             | 75.5             | 204.9                | 45,000*             | 70                  |
|                 | 75                  | 71.2            | 206.1                | 59,000*             | 72.6             | 205.2                | 57,500*             | 74.0             | 203.2                | 43,700*             | 75                  |
|                 | 80                  | 69.8            | 204.2                | 58,300              | 71.2             | 203.3                | 57,000*             | 72.5             | 201.4                | 42,600*             | 80                  |
|                 | 85                  | 68.3            | 202.2                | 53,300              | 69.7             | 201.3                | 54,300              | 71.0             | 199.3                | 41,400*             | 85                  |
|                 | 90                  | 66.8            | 200.1                | 48,900              | 68.2             | 199.2                | 49,800              | 69.5             | 197.2                | 40,400*             | 90                  |
|                 | 100                 | 63.8            | 195.3                | 41,600              | 65.2             | 194.4                | 42,400              | 66.5             | 192.3                | 38,500*             | 100                 |
|                 | 110                 | 60.7            | 189.9                | 35,800              | 62.0             | 189.0                | 36,500              | 63.3             | 186.8                | 36,800*             | 110                 |
|                 | 120                 | 57.5            | 183.8                | 31,000              | 58.8             | 182.8                | 31,600              | 60.0             | 180.6                | 32,100              | 120                 |
|                 | 130                 | 54.2            | 176.8                | 27,000              | 55.5             | 175.8                | 27,500              | 56.6             | 173.5                | 28,000              | 130                 |
|                 | 140                 | 50.7            | 168.9                | 23,600              | 52.0             | 167.8                | 24,100              | 53.1             | 165.4                | 24,500              | 140                 |
|                 | 150                 | 47.0            | 160.0                | 20,700              | 48.3             | 158.8                | 21,100              | 49.3             | 156.3                | 21,400              | 150                 |
|                 | 160                 | 43.1            | 149.7                | 18,200              | 44.4             | 148.5                | 18,500              | 45.3             | 145.8                | 18,800              | 160                 |
| 170             | 38.9                | 138.0           | 16,000               | 40.1                | 136.6            | 16,200               |                     |                  |                      | 170                 |                     |
| 180             | 34.2                | 124.1           | 14,000               | 35.4                | 122.6            | 14,200               |                     |                  |                      | 180                 |                     |
| 190             | 28.9                | 107.4           | 12,200               |                     |                  |                      |                     |                  |                      | 190                 |                     |
| 200             | 22.5                | 86.0            | 10,600               |                     |                  |                      |                     |                  |                      | 200                 |                     |
| 190             | 45                  | 80.2            | 224.4                | 59,000*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 78.9            | 223.4                | 59,000*             | 80.2             | 222.6                | 59,000*             |                  |                      |                     | 50                  |
|                 | 55                  | 77.5            | 222.3                | 59,000*             | 78.9             | 221.5                | 59,000*             | 80.3             | 219.5                | 50,000*             | 55                  |
|                 | 60                  | 76.2            | 221.1                | 59,000*             | 77.5             | 220.2                | 59,000*             | 78.9             | 218.3                | 48,400*             | 60                  |
|                 | 65                  | 74.8            | 219.7                | 59,000*             | 76.2             | 218.9                | 59,000*             | 77.5             | 216.9                | 47,000*             | 65                  |
|                 | 70                  | 73.5            | 218.2                | 59,000*             | 74.8             | 217.4                | 58,400*             | 76.2             | 215.4                | 45,700*             | 70                  |
|                 | 75                  | 72.1            | 216.6                | 59,000*             | 73.4             | 215.8                | 57,800*             | 74.8             | 213.8                | 44,400*             | 75                  |
|                 | 80                  | 70.7            | 214.9                | 57,800              | 72.1             | 214.0                | 57,300*             | 73.4             | 212.0                | 43,200*             | 80                  |
|                 | 85                  | 69.3            | 213.0                | 52,800              | 70.7             | 212.1                | 53,900              | 72.0             | 210.1                | 42,100*             | 85                  |
|                 | 90                  | 67.9            | 211.0                | 48,500              | 69.2             | 210.1                | 49,400              | 70.5             | 208.1                | 41,100*             | 90                  |
|                 | 100                 | 65.1            | 206.5                | 41,100              | 66.4             | 205.6                | 42,000              | 67.6             | 203.5                | 39,200*             | 100                 |
|                 | 110                 | 62.1            | 201.4                | 35,300              | 63.4             | 200.4                | 36,000              | 64.7             | 198.3                | 36,700              | 110                 |
|                 | 120                 | 59.1            | 195.6                | 30,500              | 60.4             | 194.6                | 31,100              | 61.6             | 192.4                | 31,700              | 120                 |
|                 | 130                 | 56.0            | 189.1                | 26,500              | 57.3             | 188.1                | 27,100              | 58.4             | 185.8                | 27,600              | 130                 |
|                 | 140                 | 52.8            | 181.8                | 23,100              | 54.0             | 180.7                | 23,600              | 55.1             | 178.4                | 24,000              | 140                 |
|                 | 150                 | 49.4            | 173.5                | 20,200              | 50.6             | 172.4                | 20,600              | 51.7             | 169.9                | 21,000              | 150                 |
|                 | 160                 | 45.9            | 164.2                | 17,700              | 47.1             | 163.0                | 18,000              | 48.1             | 160.4                | 18,300              | 160                 |
| 170             | 42.1                | 153.6           | 15,400               | 43.2                | 152.3            | 15,800               | 44.2                | 149.5            | 16,000               | 170                 |                     |
| 180             | 38.0                | 141.4           | 13,500               | 39.1                | 140.0            | 13,700               |                     |                  |                      | 180                 |                     |
| 190             | 33.4                | 127.1           | 11,700               | 34.5                | 125.6            | 11,900               |                     |                  |                      | 190                 |                     |
| 200             | 28.2                | 109.9           | 10,100               |                     |                  |                      |                     |                  |                      | 200                 |                     |
| 210             | 21.9                | 87.9            | 8,700                |                     |                  |                      |                     |                  |                      | 210                 |                     |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 30 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 200             | 45                  | 80.6            | 234.6                | 59,000*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 79.3            | 233.6                | 59,000*             | 80.7             | 232.8                | 59,000*             |                  |                      |                     | 50                  |
|                 | 55                  | 78.1            | 232.6                | 59,000*             | 79.4             | 231.7                | 59,000*             | 80.7             | 229.8                | 50,500*             | 55                  |
|                 | 60                  | 76.8            | 231.4                | 59,000*             | 78.1             | 230.5                | 59,000*             | 79.4             | 228.6                | 49,000*             | 60                  |
|                 | 65                  | 75.5            | 230.1                | 59,000*             | 76.8             | 229.2                | 59,000*             | 78.1             | 227.3                | 47,600*             | 65                  |
|                 | 70                  | 74.2            | 228.7                | 59,000*             | 75.5             | 227.8                | 58,700*             | 76.8             | 225.9                | 46,300*             | 70                  |
|                 | 75                  | 72.9            | 227.1                | 59,000*             | 74.2             | 226.3                | 58,100*             | 75.5             | 224.3                | 45,000*             | 75                  |
|                 | 80                  | 71.6            | 225.5                | 57,400              | 72.9             | 224.6                | 57,600*             | 74.1             | 222.6                | 43,900*             | 80                  |
|                 | 85                  | 70.3            | 223.7                | 52,400              | 71.5             | 222.8                | 53,500              | 72.8             | 220.8                | 42,800*             | 85                  |
|                 | 90                  | 68.9            | 221.8                | 48,000              | 70.2             | 220.9                | 49,000              | 71.4             | 218.9                | 41,700*             | 90                  |
|                 | 100                 | 66.2            | 217.5                | 40,700              | 67.5             | 216.6                | 41,600              | 68.7             | 214.5                | 39,900*             | 100                 |
|                 | 110                 | 63.5            | 212.7                | 34,900              | 64.7             | 211.8                | 35,600              | 65.9             | 209.6                | 36,300              | 110                 |
|                 | 120                 | 60.6            | 207.2                | 30,100              | 61.9             | 206.3                | 30,700              | 63.0             | 204.1                | 31,300              | 120                 |
|                 | 130                 | 57.7            | 201.1                | 26,100              | 58.9             | 200.1                | 26,600              | 60.0             | 197.9                | 27,200              | 130                 |
|                 | 140                 | 54.7            | 194.3                | 22,700              | 55.9             | 193.2                | 23,200              | 57.0             | 190.9                | 23,600              | 140                 |
|                 | 150                 | 51.5            | 186.6                | 19,800              | 52.7             | 185.5                | 20,200              | 53.8             | 183.1                | 20,600              | 150                 |
|                 | 160                 | 48.3            | 178.0                | 17,200              | 49.4             | 176.9                | 17,600              | 50.4             | 174.3                | 18,000              | 160                 |
|                 | 170                 | 44.8            | 168.3                | 15,000              | 45.9             | 167.1                | 15,300              | 46.9             | 164.4                | 15,600              | 170                 |
|                 | 180                 | 41.1            | 157.3                | 13,000              | 42.2             | 156.0                | 13,300              | 43.0             | 153.1                | 13,600              | 180                 |
|                 | 190                 | 37.1            | 144.7                | 11,300              | 38.1             | 143.3                | 11,500              |                  |                      |                     | 190                 |
| 200             | 32.6                | 130.0           | 9,700                | 33.7                | 128.4            | 9,900                |                     |                  |                      | 200                 |                     |
| 210             | 27.6                | 112.3           | 8,300                |                     |                  |                      |                     |                  |                      | 210                 |                     |
| 220             | 21.4                | 89.7            | 6,900                |                     |                  |                      |                     |                  |                      | 220                 |                     |
| 210             | 45                  | 81.0            | 244.7                | 59,000*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 79.8            | 243.8                | 59,000*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 78.6            | 242.8                | 59,000*             | 79.8             | 241.9                | 59,000*             | 79.9             | 238.9                | 49,500*             | 55                  |
|                 | 60                  | 77.4            | 241.7                | 59,000*             | 78.6             | 240.8                | 59,000*             | 78.6             | 237.6                | 48,100*             | 60                  |
|                 | 65                  | 76.1            | 240.4                | 59,000*             | 77.4             | 239.6                | 59,000*             | 77.4             | 236.3                | 46,800*             | 65                  |
|                 | 70                  | 74.9            | 239.1                | 59,000*             | 76.1             | 238.2                | 59,000*             | 76.1             | 234.8                | 45,600*             | 70                  |
|                 | 75                  | 73.6            | 237.6                | 59,000*             | 74.9             | 236.7                | 58,400*             | 74.8             | 233.2                | 44,500*             | 75                  |
|                 | 80                  | 72.4            | 236.0                | 57,100              | 73.6             | 235.2                | 57,900*             | 73.6             | 231.4                | 43,400*             | 80                  |
|                 | 85                  | 71.1            | 234.3                | 52,100              | 72.4             | 233.4                | 53,200              | 72.3             | 229.6                | 42,400*             | 85                  |
|                 | 90                  | 69.9            | 232.5                | 47,700              | 71.1             | 231.6                | 48,700              | 69.7             | 225.5                | 40,500*             | 90                  |
|                 | 100                 | 67.3            | 228.5                | 40,400              | 68.5             | 227.5                | 41,200              | 67.0             | 220.8                | 36,000              | 100                 |
|                 | 110                 | 64.7            | 223.9                | 34,500              | 65.9             | 222.9                | 35,300              | 64.3             | 215.6                | 31,000              | 110                 |
|                 | 120                 | 62.0            | 218.7                | 29,700              | 63.2             | 217.8                | 30,400              | 61.5             | 209.7                | 26,900              | 120                 |
|                 | 130                 | 59.2            | 212.9                | 25,700              | 60.4             | 212.0                | 26,300              | 58.6             | 203.2                | 23,300              | 130                 |
|                 | 140                 | 56.4            | 206.5                | 22,300              | 57.5             | 205.5                | 22,900              | 55.6             | 195.9                | 20,300              | 140                 |
|                 | 150                 | 53.4            | 199.3                | 19,400              | 54.6             | 198.2                | 19,900              | 52.5             | 187.7                | 17,700              | 150                 |
|                 | 160                 | 50.4            | 191.3                | 16,900              | 51.5             | 190.2                | 17,300              | 49.2             | 178.6                | 15,300              | 160                 |
|                 | 170                 | 47.2            | 182.3                | 14,700              | 48.3             | 181.2                | 15,000              | 45.7             | 168.3                | 13,300              | 170                 |
|                 | 180                 | 43.8            | 172.3                | 12,700              | 44.9             | 171.1                | 13,000              | 42.0             | 156.6                | 11,400              | 180                 |
|                 | 190                 | 40.2            | 160.9                | 10,900              | 41.2             | 159.6                | 11,200              |                  |                      |                     | 190                 |
| 200             | 36.3                | 148.0           | 9,400                | 37.3                | 146.5            | 9,600                |                     |                  |                      | 200                 |                     |
| 210             | 31.9                | 132.9           | 7,900                | 32.9                | 131.2            | 8,100                |                     |                  |                      | 210                 |                     |
| 220             | 27.0                | 114.7           | 6,600                |                     |                  |                      |                     |                  |                      | 220                 |                     |
| 230             | 21.0                | 91.6            | 5,400                |                     |                  |                      |                     |                  |                      | 230                 |                     |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 30 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 220             | 50                  | 80.2            | 254.0                | 59,000*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 79.0            | 253.0                | 59,000*             | 80.2             | 252.1                | 59,000*             |                  |                      |                     | 55                  |
|                 | 60                  | 77.9            | 251.9                | 59,000*             | 79.1             | 251.1                | 59,000*             | 80.3             | 249.1                | 50,000*             | 60                  |
|                 | 65                  | 76.7            | 250.8                | 59,000*             | 77.9             | 249.9                | 59,000*             | 79.1             | 247.9                | 48,600*             | 65                  |
|                 | 70                  | 75.5            | 249.5                | 59,000*             | 76.7             | 248.6                | 59,000*             | 77.9             | 246.6                | 47,400*             | 70                  |
|                 | 75                  | 74.3            | 248.1                | 59,000*             | 75.5             | 247.2                | 58,700*             | 76.7             | 245.2                | 46,200*             | 75                  |
|                 | 80                  | 73.1            | 246.5                | 56,600              | 74.3             | 245.7                | 57,900              | 75.5             | 243.7                | 45,000*             | 80                  |
|                 | 85                  | 71.9            | 244.9                | 51,600              | 73.1             | 244.0                | 52,800              | 74.2             | 242.0                | 44,000*             | 85                  |
|                 | 90                  | 70.7            | 243.2                | 47,200              | 71.9             | 242.3                | 48,300              | 73.0             | 240.3                | 43,000*             | 90                  |
|                 | 100                 | 68.2            | 239.3                | 39,900              | 69.4             | 238.4                | 40,800              | 70.5             | 236.3                | 41,100*             | 100                 |
|                 | 110                 | 65.7            | 234.9                | 34,100              | 66.9             | 234.0                | 34,900              | 68.0             | 231.9                | 35,600*             | 110                 |
|                 | 120                 | 63.2            | 230.0                | 29,300              | 64.3             | 229.1                | 30,000              | 65.4             | 226.9                | 30,600              | 120                 |
|                 | 130                 | 60.6            | 224.6                | 25,300              | 61.7             | 223.6                | 25,900              | 62.8             | 221.4                | 26,500              | 130                 |
|                 | 140                 | 57.9            | 218.5                | 21,900              | 59.0             | 217.5                | 22,400              | 60.0             | 215.2                | 22,900              | 140                 |
|                 | 150                 | 55.1            | 211.7                | 19,000              | 56.2             | 210.7                | 19,500              | 57.2             | 208.3                | 19,900              | 150                 |
|                 | 160                 | 52.3            | 204.2                | 16,400              | 53.3             | 203.1                | 16,900              | 54.3             | 200.7                | 17,300              | 160                 |
|                 | 170                 | 49.3            | 195.9                | 14,200              | 50.3             | 194.7                | 14,600              | 51.3             | 192.2                | 14,900              | 170                 |
|                 | 180                 | 46.1            | 186.6                | 12,200              | 47.2             | 185.4                | 12,600              | 48.1             | 182.7                | 12,900              | 180                 |
|                 | 190                 | 42.8            | 176.2                | 10,500              | 43.9             | 174.9                | 10,800              | 44.7             | 172.1                | 11,000              | 190                 |
|                 | 200                 | 39.3            | 164.5                | 8,900               | 40.3             | 163.1                | 9,200               |                  |                      |                     | 200                 |
| 210             | 35.5                | 151.1           | 7,500                | 36.5                | 149.7            | 7,700                |                     |                  |                      | 210                 |                     |
| 220             | 31.3                | 135.6           | 6,200                | 32.2                | 134.0            | 6,400                |                     |                  |                      | 220                 |                     |
| 230             | 26.4                | 117.0           | 5,000                |                     |                  |                      |                     |                  |                      | 230                 |                     |
| 230             | 50                  | 80.6            | 264.1                | 59,000*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 79.5            | 263.2                | 59,000*             | 80.6             | 262.3                | 59,000*             |                  |                      |                     | 55                  |
|                 | 60                  | 78.3            | 262.2                | 59,000*             | 79.5             | 261.3                | 59,000*             | 80.7             | 259.4                | 50,500*             | 60                  |
|                 | 65                  | 77.2            | 261.0                | 59,000*             | 78.4             | 260.2                | 59,000*             | 79.5             | 258.2                | 49,100*             | 65                  |
|                 | 70                  | 76.1            | 259.8                | 59,000*             | 77.2             | 258.9                | 59,000*             | 78.4             | 257.0                | 47,900*             | 70                  |
|                 | 75                  | 74.9            | 258.5                | 59,000*             | 76.1             | 257.6                | 59,000*             | 77.2             | 255.6                | 46,700*             | 75                  |
|                 | 80                  | 73.8            | 257.0                | 56,200              | 74.9             | 256.1                | 57,500              | 76.1             | 254.1                | 45,600*             | 80                  |
|                 | 85                  | 72.6            | 255.4                | 51,200              | 73.8             | 254.6                | 52,400              | 74.9             | 252.6                | 44,500*             | 85                  |
|                 | 90                  | 71.5            | 253.8                | 46,800              | 72.6             | 252.9                | 47,900              | 73.7             | 250.9                | 43,500*             | 90                  |
|                 | 100                 | 69.1            | 250.1                | 39,400              | 70.2             | 249.2                | 40,400              | 71.3             | 247.1                | 41,300              | 100                 |
|                 | 110                 | 66.7            | 245.9                | 33,600              | 67.8             | 245.0                | 34,400              | 68.9             | 242.9                | 35,200              | 110                 |
|                 | 120                 | 64.3            | 241.2                | 28,800              | 65.4             | 240.3                | 29,500              | 66.4             | 238.2                | 30,200              | 120                 |
|                 | 130                 | 61.8            | 236.0                | 24,800              | 62.9             | 235.1                | 25,400              | 63.9             | 232.9                | 26,000              | 130                 |
|                 | 140                 | 59.3            | 230.3                | 21,400              | 60.4             | 229.3                | 21,900              | 61.3             | 227.0                | 22,500              | 140                 |
|                 | 150                 | 56.7            | 223.9                | 18,400              | 57.7             | 222.8                | 19,000              | 58.7             | 220.5                | 19,400              | 150                 |
|                 | 160                 | 54.0            | 216.8                | 15,900              | 55.0             | 215.7                | 16,400              | 56.0             | 213.4                | 16,800              | 160                 |
|                 | 170                 | 51.2            | 209.0                | 13,700              | 52.2             | 207.9                | 14,100              | 53.1             | 205.4                | 14,500              | 170                 |
|                 | 180                 | 48.2            | 200.3                | 11,700              | 49.3             | 199.2                | 12,100              | 50.1             | 196.6                | 12,400              | 180                 |
|                 | 190                 | 45.2            | 190.7                | 10,000              | 46.2             | 189.5                | 10,300              | 47.0             | 186.8                | 10,600              | 190                 |
|                 | 200                 | 42.0            | 180.0                | 8,400               | 42.9             | 178.7                | 8,700               | 43.7             | 175.8                | 8,900               | 200                 |
| 210             | 38.5                | 168.0           | 7,000                | 39.5                | 166.6            | 7,200                |                     |                  |                      | 210                 |                     |
| 220             | 34.8                | 154.3           | 5,700                | 35.7                | 152.7            | 5,900                |                     |                  |                      | 220                 |                     |
| 230             | 30.6                | 138.3           | 4,500                | 31.5                | 136.6            | 4,700                |                     |                  |                      | 230                 |                     |
| 240             | 50                  | 80.9            | 274.3                | 59,000*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 79.9            | 273.4                | 59,000*             | 81.0             | 272.5                | 59,000*             |                  |                      |                     | 55                  |
|                 | 60                  | 78.8            | 272.4                | 59,000*             | 79.9             | 271.5                | 59,000*             | 81.0             | 269.6                | 50,900*             | 60                  |
|                 | 65                  | 77.7            | 271.3                | 59,000*             | 78.8             | 270.4                | 59,000*             | 79.9             | 268.5                | 49,600*             | 65                  |
|                 | 70                  | 76.6            | 270.1                | 59,000*             | 77.7             | 269.2                | 59,000*             | 78.8             | 267.3                | 48,400*             | 70                  |
|                 | 75                  | 75.5            | 268.8                | 59,000*             | 76.6             | 267.9                | 59,000*             | 77.7             | 266.0                | 47,200*             | 75                  |
|                 | 80                  | 74.4            | 267.4                | 55,800              | 75.5             | 266.5                | 57,100              | 76.6             | 264.6                | 46,100*             | 80                  |
|                 | 85                  | 73.3            | 265.9                | 50,700              | 74.4             | 265.0                | 52,000              | 75.5             | 263.0                | 45,000*             | 85                  |
|                 | 90                  | 72.2            | 264.3                | 46,300              | 73.3             | 263.4                | 47,500              | 74.3             | 261.4                | 44,000*             | 90                  |
|                 | 100                 | 69.9            | 260.8                | 39,000              | 71.0             | 259.9                | 40,000              | 72.1             | 257.8                | 41,000              | 100                 |
|                 | 110                 | 67.6            | 256.8                | 33,100              | 68.7             | 255.9                | 34,000              | 69.8             | 253.8                | 34,800              | 110                 |
|                 | 120                 | 65.3            | 252.3                | 28,300              | 66.4             | 251.4                | 29,100              | 67.4             | 249.3                | 29,800              | 120                 |
|                 | 130                 | 63.0            | 247.4                | 24,300              | 64.0             | 246.4                | 25,000              | 65.0             | 244.3                | 25,600              | 130                 |
|                 | 140                 | 60.5            | 241.9                | 20,900              | 61.6             | 240.9                | 21,500              | 62.5             | 238.7                | 22,100              | 140                 |
|                 | 150                 | 58.0            | 235.8                | 18,000              | 59.1             | 234.8                | 18,500              | 60.0             | 232.5                | 19,000              | 150                 |
|                 | 160                 | 55.5            | 229.1                | 15,400              | 56.5             | 228.1                | 15,900              | 57.4             | 225.7                | 16,400              | 160                 |
|                 | 170                 | 52.9            | 221.8                | 13,200              | 53.9             | 220.7                | 13,700              | 54.8             | 218.3                | 14,100              | 170                 |
|                 | 180                 | 50.1            | 213.7                | 11,200              | 51.1             | 212.5                | 11,700              | 52.0             | 210.0                | 12,000              | 180                 |
|                 | 190                 | 47.3            | 204.7                | 9,500               | 48.3             | 203.5                | 9,900               | 49.1             | 200.9                | 10,200              | 190                 |
|                 | 200                 | 44.3            | 194.8                | 7,900               | 45.3             | 193.6                | 8,200               | 46.0             | 190.8                | 8,500               | 200                 |
| 210             | 41.1                | 183.8           | 6,500                | 42.1                | 182.5            | 6,800                | 42.8                | 179.5            | 7,000                | 210                 |                     |
| 220             | 37.8                | 171.4           | 5,200                | 38.7                | 170.0            | 5,500                |                     |                  |                      | 220                 |                     |
| 230             | 34.1                | 157.3           | 4,000                | 35.0                | 155.7            | 4,300                |                     |                  |                      | 230                 |                     |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 30 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 250             | 55                  | 80.2            | 283.6                | 59,000*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 79.2            | 282.6                | 59,000*             | 80.3             | 281.7                | 59,000*             |                  |                      |                     | 60                  |
|                 | 65                  | 78.1            | 281.6                | 59,000*             | 79.2             | 280.7                | 59,000*             | 80.3             | 278.7                | 50,000*             | 65                  |
|                 | 70                  | 77.1            | 280.4                | 59,000*             | 78.2             | 279.5                | 59,000*             | 79.2             | 277.6                | 48,800*             | 70                  |
|                 | 75                  | 76.0            | 279.2                | 59,000*             | 77.1             | 278.3                | 59,000*             | 78.2             | 276.3                | 47,700*             | 75                  |
|                 | 80                  | 75.0            | 277.8                | 55,800              | 76.0             | 276.9                | 57,200              | 77.1             | 274.9                | 46,600*             | 80                  |
|                 | 85                  | 73.9            | 276.4                | 50,800              | 75.0             | 275.5                | 52,000              | 76.0             | 273.5                | 45,500*             | 85                  |
|                 | 90                  | 72.8            | 274.8                | 46,400              | 73.9             | 273.9                | 47,600              | 74.9             | 271.9                | 44,600*             | 90                  |
|                 | 100                 | 70.7            | 271.4                | 39,100              | 71.7             | 270.5                | 40,100              | 72.7             | 268.5                | 41,000              | 100                 |
|                 | 110                 | 68.5            | 267.6                | 33,200              | 69.5             | 266.7                | 34,100              | 70.5             | 264.6                | 34,900              | 110                 |
|                 | 120                 | 66.3            | 263.4                | 28,400              | 67.3             | 262.4                | 29,200              | 68.3             | 260.3                | 29,900              | 120                 |
|                 | 130                 | 64.0            | 258.6                | 24,400              | 65.0             | 257.6                | 25,100              | 66.0             | 255.5                | 25,700              | 130                 |
|                 | 140                 | 61.7            | 253.4                | 21,000              | 62.7             | 252.4                | 21,600              | 63.6             | 250.2                | 22,200              | 140                 |
|                 | 150                 | 59.3            | 247.6                | 18,000              | 60.3             | 246.6                | 18,600              | 61.2             | 244.3                | 19,100              | 150                 |
|                 | 160                 | 56.9            | 241.2                | 15,500              | 57.9             | 240.2                | 16,000              | 58.8             | 237.9                | 16,500              | 160                 |
|                 | 170                 | 54.4            | 234.3                | 13,300              | 55.4             | 233.2                | 13,700              | 56.3             | 230.8                | 14,200              | 170                 |
|                 | 180                 | 51.8            | 226.6                | 11,300              | 52.8             | 225.5                | 11,700              | 53.6             | 223.1                | 12,100              | 180                 |
|                 | 190                 | 49.2            | 218.2                | 9,600               | 50.1             | 217.1                | 10,000              | 50.9             | 214.5                | 10,300              | 190                 |
|                 | 200                 | 46.4            | 209.0                | 8,000               | 47.3             | 207.8                | 8,300               | 48.1             | 205.1                | 8,600               | 200                 |
|                 | 210                 | 43.4            | 198.8                | 6,600               | 44.4             | 197.5                | 6,900               | 45.1             | 194.7                | 7,100               | 210                 |
| 220             | 40.3                | 187.4           | 5,300                | 41.2                | 186.1            | 5,600                | 41.9                | 183.1            | 5,800                | 220                 |                     |
| 230             | 37.0                | 174.7           | 4,100                | 37.9                | 173.3            | 4,400                |                     |                  |                      | 230                 |                     |
| 260             | 55                  | 80.6            | 293.7                | 59,000*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 79.6            | 292.8                | 59,000*             | 80.6             | 291.9                | 59,000*             |                  |                      |                     | 60                  |
|                 | 65                  | 78.6            | 291.8                | 59,000*             | 79.6             | 290.9                | 59,000*             | 80.6             | 288.9                | 50,400*             | 65                  |
|                 | 70                  | 77.5            | 290.7                | 59,000*             | 78.6             | 289.8                | 59,000*             | 79.6             | 287.8                | 49,200*             | 70                  |
|                 | 75                  | 76.5            | 289.5                | 59,000*             | 77.6             | 288.6                | 59,000*             | 78.6             | 286.6                | 48,100*             | 75                  |
|                 | 80                  | 75.5            | 288.2                | 55,400              | 76.5             | 287.3                | 56,800              | 77.6             | 285.3                | 47,000*             | 80                  |
|                 | 85                  | 74.5            | 286.8                | 50,400              | 75.5             | 285.9                | 51,600              | 76.5             | 283.9                | 46,000*             | 85                  |
|                 | 90                  | 73.5            | 285.3                | 46,000              | 74.5             | 284.4                | 47,100              | 75.5             | 282.4                | 45,000*             | 90                  |
|                 | 100                 | 71.4            | 282.1                | 38,600              | 72.4             | 281.1                | 39,600              | 73.4             | 279.1                | 40,700              | 100                 |
|                 | 110                 | 69.3            | 278.4                | 32,700              | 70.3             | 277.5                | 33,600              | 71.2             | 275.4                | 34,500              | 110                 |
|                 | 120                 | 67.1            | 274.3                | 27,900              | 68.1             | 273.3                | 28,700              | 69.1             | 271.2                | 29,500              | 120                 |
|                 | 130                 | 65.0            | 269.7                | 23,900              | 66.0             | 268.8                | 24,600              | 66.9             | 266.6                | 25,300              | 130                 |
|                 | 140                 | 62.8            | 264.7                | 20,500              | 63.7             | 263.7                | 21,100              | 64.7             | 261.6                | 21,800              | 140                 |
|                 | 150                 | 60.5            | 259.2                | 17,600              | 61.5             | 258.2                | 18,200              | 62.4             | 256.0                | 18,700              | 150                 |
| 160             | 58.2                | 253.2           | 15,000               | 59.2                | 252.1            | 15,600               | 60.0                | 249.9            | 16,100               | 160                 |                     |
| 170             | 55.8                | 246.5           | 12,800               | 56.8                | 245.5            | 13,300               | 57.6                | 243.1            | 13,700               | 170                 |                     |
| 180             | 53.4                | 239.3           | 10,900               | 54.3                | 238.2            | 11,300               | 55.1                | 235.8            | 11,700               | 180                 |                     |
| 190             | 50.9                | 231.4           | 9,100                | 51.8                | 230.3            | 9,500                | 52.6                | 227.7            | 9,800                | 190                 |                     |
| 200             | 48.2                | 222.7           | 7,600                | 49.2                | 221.5            | 7,900                | 49.9                | 218.9            | 8,200                | 200                 |                     |
| 210             | 45.5                | 213.2           | 6,100                | 46.4                | 212.0            | 6,500                | 47.1                | 209.2            | 6,700                | 210                 |                     |
| 220             | 42.6                | 202.7           | 4,900                | 43.5                | 201.4            | 5,100                | 44.2                | 198.5            | 5,400                | 220                 |                     |

# MANITOWOC ENGINEERING CO.

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MEETS  
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888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 40 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 90              | 30                  | 80.7            | 135.6                | 53,500*             |                  |                      |                     |                  |                      |                     | 30                  |
|                 | 35                  | 78.5            | 134.5                | 51,900*             |                  |                      |                     |                  |                      |                     | 35                  |
|                 | 40                  | 76.2            | 133.2                | 50,400*             | 79.2             | 132.2                | 46,000*             |                  |                      |                     | 40                  |
|                 | 45                  | 73.9            | 131.7                | 48,900*             | 76.9             | 130.7                | 44,900*             | 80.0             | 128.5                | 39,500*             | 45                  |
|                 | 50                  | 71.6            | 130.0                | 47,600*             | 74.6             | 128.9                | 43,800*             | 77.7             | 126.7                | 37,400*             | 50                  |
|                 | 55                  | 69.2            | 128.0                | 46,400*             | 72.2             | 126.9                | 42,900*             | 75.2             | 124.7                | 35,600*             | 55                  |
|                 | 60                  | 66.8            | 125.8                | 45,300*             | 69.8             | 124.7                | 42,000*             | 72.7             | 122.4                | 34,000*             | 60                  |
|                 | 65                  | 64.3            | 123.3                | 44,200*             | 67.3             | 122.2                | 41,200*             | 70.2             | 119.9                | 32,600*             | 65                  |
|                 | 70                  | 61.8            | 120.6                | 43,300*             | 64.7             | 119.5                | 40,500*             | 67.6             | 117.0                | 31,300*             | 70                  |
|                 | 75                  | 59.2            | 117.5                | 42,300*             | 62.1             | 116.4                | 39,800*             | 64.9             | 113.9                | 30,100*             | 75                  |
|                 | 80                  | 56.6            | 114.2                | 41,500*             | 59.4             | 113.0                | 38,600*             | 62.2             | 110.4                | 29,000*             | 80                  |
|                 | 85                  | 53.8            | 110.5                | 40,700*             | 56.7             | 109.2                | 36,700*             | 59.3             | 106.5                | 28,000*             | 85                  |
| 90              | 51.0                | 106.3           | 40,000*              | 53.8                | 105.1            | 35,100*              | 56.4                | 102.3            | 27,200*              | 90                  |                     |
| 100             | 44.8                | 96.7            | 38,300*              | 47.5                | 95.3             | 32,300*              | 49.9                | 92.2             | 25,700*              | 100                 |                     |
| 110             | 37.9                | 84.6            | 34,800*              | 40.5                | 82.9             | 30,000*              |                     |                  |                      | 110                 |                     |
| 120             | 29.6                | 68.6            | 31,900*              | 31.9                | 66.4             | 28,200*              |                     |                  |                      | 120                 |                     |
| 100             | 35                  | 79.3            | 144.7                | 52,500*             |                  |                      |                     |                  |                      |                     | 35                  |
|                 | 40                  | 77.2            | 143.6                | 51,000*             | 80.0             | 142.5                | 46,400*             |                  |                      |                     | 40                  |
|                 | 45                  | 75.1            | 142.2                | 49,700*             | 77.9             | 141.1                | 45,300*             | 80.8             | 138.9                | 40,200*             | 45                  |
|                 | 50                  | 72.9            | 140.6                | 48,400*             | 75.7             | 139.5                | 44,300*             | 78.6             | 137.2                | 38,200*             | 50                  |
|                 | 55                  | 70.7            | 138.8                | 47,200*             | 73.5             | 137.7                | 43,400*             | 76.4             | 135.4                | 36,500*             | 55                  |
|                 | 60                  | 68.5            | 136.7                | 46,100*             | 71.3             | 135.6                | 42,600*             | 74.1             | 133.3                | 34,900*             | 60                  |
|                 | 65                  | 66.3            | 134.5                | 45,100*             | 69.0             | 133.4                | 41,800*             | 71.8             | 131.0                | 33,500*             | 65                  |
|                 | 70                  | 64.0            | 132.0                | 44,100*             | 66.7             | 130.9                | 41,100*             | 69.4             | 128.4                | 32,200*             | 70                  |
|                 | 75                  | 61.7            | 129.2                | 43,200*             | 64.4             | 128.1                | 40,400*             | 67.0             | 125.6                | 31,000*             | 75                  |
|                 | 80                  | 59.3            | 126.2                | 42,400*             | 62.0             | 125.0                | 39,800*             | 64.6             | 122.4                | 29,900*             | 80                  |
|                 | 85                  | 56.8            | 122.9                | 41,600*             | 59.5             | 121.7                | 38,600*             | 62.0             | 119.0                | 28,900*             | 85                  |
|                 | 90                  | 54.3            | 119.2                | 40,900*             | 56.9             | 118.0                | 36,900*             | 59.4             | 115.2                | 28,100*             | 90                  |
| 100             | 48.9                | 110.8           | 39,600*              | 51.5                | 109.4            | 34,000*              | 53.8                | 106.5            | 26,500*              | 100                 |                     |
| 110             | 43.1                | 100.6           | 37,300*              | 45.5                | 99.0             | 31,500*              | 47.7                | 95.7             | 25,300*              | 110                 |                     |
| 120             | 36.4                | 87.8            | 34,200*              | 38.8                | 86.0             | 29,500*              |                     |                  |                      | 120                 |                     |
| 130             | 28.4                | 71.0            | 30,700               |                     |                  |                      |                     |                  |                      | 130                 |                     |
| 110             | 35                  | 80.0            | 155.0                | 53,000*             |                  |                      |                     |                  |                      |                     | 35                  |
|                 | 40                  | 78.1            | 153.9                | 51,600*             | 80.7             | 152.8                | 46,700*             |                  |                      |                     | 40                  |
|                 | 45                  | 76.1            | 152.6                | 50,300*             | 78.7             | 151.5                | 45,700*             |                  |                      |                     | 45                  |
|                 | 50                  | 74.1            | 151.1                | 49,100*             | 76.7             | 150.0                | 44,800*             | 79.4             | 147.7                | 38,900*             | 50                  |
|                 | 55                  | 72.1            | 149.4                | 47,900*             | 74.7             | 148.3                | 43,900*             | 77.4             | 146.0                | 37,200*             | 55                  |
|                 | 60                  | 70.1            | 147.5                | 46,900*             | 72.6             | 146.4                | 43,100*             | 75.3             | 144.0                | 35,700*             | 60                  |
|                 | 65                  | 68.0            | 145.5                | 45,800*             | 70.6             | 144.3                | 42,300*             | 73.1             | 141.9                | 34,300*             | 65                  |
|                 | 70                  | 65.9            | 143.2                | 44,900*             | 68.4             | 142.0                | 41,600*             | 71.0             | 139.6                | 33,000*             | 70                  |
|                 | 75                  | 63.7            | 140.7                | 44,000*             | 66.3             | 139.5                | 40,900*             | 68.8             | 137.0                | 31,800*             | 75                  |
|                 | 80                  | 61.6            | 137.9                | 43,200*             | 64.1             | 136.7                | 40,300*             | 66.5             | 134.1                | 30,800*             | 80                  |
|                 | 85                  | 59.3            | 134.9                | 42,400*             | 61.8             | 133.7                | 39,700*             | 64.2             | 131.0                | 29,800*             | 85                  |
|                 | 90                  | 57.0            | 131.6                | 41,600*             | 59.5             | 130.3                | 38,600*             | 61.9             | 127.6                | 28,900*             | 90                  |
| 100             | 52.3                | 124.1           | 40,300*              | 54.7                | 122.7            | 35,600*              | 56.9                | 119.8            | 27,300*              | 100                 |                     |
| 110             | 47.1                | 115.1           | 39,100               | 49.5                | 113.6            | 33,000*              | 51.6                | 110.5            | 26,000*              | 110                 |                     |
| 120             | 41.5                | 104.3           | 34,300               | 43.8                | 102.7            | 30,900*              | 45.7                | 99.1             | 24,900*              | 120                 |                     |
| 130             | 35.1                | 90.9            | 30,200               | 37.2                | 89.0             | 29,200*              |                     |                  |                      | 130                 |                     |
| 140             | 27.4                | 73.3            | 26,800               |                     |                  |                      |                     |                  |                      | 140                 |                     |
| 120             | 35                  | 80.7            | 165.2                | 53,500*             |                  |                      |                     |                  |                      |                     | 35                  |
|                 | 40                  | 78.8            | 164.1                | 52,200*             |                  |                      |                     |                  |                      |                     | 40                  |
|                 | 45                  | 77.0            | 162.9                | 50,900*             | 79.5             | 161.8                | 46,100*             |                  |                      |                     | 45                  |
|                 | 50                  | 75.1            | 161.5                | 49,700*             | 77.6             | 160.4                | 45,200*             | 80.1             | 158.1                | 39,500*             | 50                  |
|                 | 55                  | 73.3            | 160.0                | 48,600*             | 75.7             | 158.9                | 44,300*             | 78.2             | 156.5                | 37,900*             | 55                  |
|                 | 60                  | 71.4            | 158.2                | 47,500*             | 73.8             | 157.1                | 43,500*             | 76.3             | 154.7                | 36,400*             | 60                  |
|                 | 65                  | 69.4            | 156.3                | 46,600*             | 71.9             | 155.2                | 42,800*             | 74.3             | 152.7                | 35,000*             | 65                  |
|                 | 70                  | 67.5            | 154.2                | 45,600*             | 69.9             | 153.0                | 42,100*             | 72.3             | 150.5                | 33,800*             | 70                  |
|                 | 75                  | 65.5            | 151.9                | 44,700*             | 67.9             | 150.7                | 41,400*             | 70.3             | 148.2                | 32,600*             | 75                  |
|                 | 80                  | 63.5            | 149.3                | 43,900*             | 65.9             | 148.1                | 40,800*             | 68.2             | 145.5                | 31,500*             | 80                  |
|                 | 85                  | 61.5            | 146.5                | 43,100*             | 63.8             | 145.3                | 40,200*             | 66.1             | 142.7                | 30,600*             | 85                  |
|                 | 90                  | 59.4            | 143.5                | 42,400*             | 61.7             | 142.3                | 39,700*             | 63.9             | 139.6                | 29,700*             | 90                  |
| 100             | 55.0                | 136.7           | 41,100*              | 57.3                | 135.4            | 37,200*              | 59.5                | 132.6            | 28,100*              | 100                 |                     |
| 110             | 50.4                | 128.7           | 38,700               | 52.7                | 127.3            | 34,500*              | 54.7                | 124.3            | 26,700*              | 110                 |                     |
| 120             | 45.5                | 119.2           | 33,900               | 47.7                | 117.7            | 32,300*              | 49.6                | 114.4            | 25,600*              | 120                 |                     |
| 130             | 40.1                | 107.8           | 29,900               | 42.2                | 106.1            | 30,300               | 43.9                | 102.4            | 24,700*              | 130                 |                     |
| 140             | 33.9                | 93.8            | 26,500               | 35.9                | 91.8             | 26,800               |                     |                  |                      | 140                 |                     |
| 150             | 26.4                | 75.5            | 23,500               |                     |                  |                      |                     |                  |                      | 150                 |                     |



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 2**

**JIB NO. 134 WITH 12'6" STRUT ON  
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 28'2" CRAWLERS EXTENDED  
 360 DEGREE RATING**

**40 FOOT JIB**

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 130             | 40                  | 79.5            | 174.3                | 52,700*             |                  |                      |                     |                  |                      |                     | 40                  |
|                 | 45                  | 77.8            | 173.2                | 51,400*             | 80.1             | 172.1                | 46,400*             |                  |                      |                     | 45                  |
|                 | 50                  | 76.0            | 171.9                | 50,300*             | 78.4             | 170.8                | 45,500*             |                  |                      |                     | 50                  |
|                 | 55                  | 74.3            | 170.5                | 49,200*             | 76.6             | 169.3                | 44,700*             | 80.7             | 168.4                | 40,100*             | 55                  |
|                 | 60                  | 72.5            | 168.8                | 48,200*             | 74.8             | 167.7                | 43,900*             | 78.9             | 166.9                | 38,500*             | 60                  |
|                 | 65                  | 70.7            | 167.0                | 47,200*             | 73.0             | 165.9                | 43,200*             | 77.1             | 165.3                | 37,000*             | 65                  |
|                 | 70                  | 68.9            | 165.1                | 46,300*             | 71.2             | 163.9                | 42,500*             | 75.3             | 163.4                | 35,700*             | 70                  |
|                 | 75                  | 67.1            | 162.9                | 45,400*             | 69.3             | 161.7                | 41,900*             | 73.4             | 161.4                | 34,500*             | 75                  |
|                 | 80                  | 65.2            | 160.5                | 44,600*             | 67.4             | 159.3                | 41,300*             | 71.6             | 159.2                | 33,300*             | 80                  |
|                 | 85                  | 63.3            | 158.0                | 43,800*             | 65.5             | 156.8                | 40,700*             | 69.6             | 156.8                | 32,300*             | 85                  |
|                 | 90                  | 61.4            | 155.2                | 43,100*             | 63.6             | 154.0                | 40,200*             | 67.7             | 154.1                | 31,300*             | 90                  |
|                 | 100                 | 57.4            | 149.0                | 41,800*             | 59.6             | 147.7                | 38,700*             | 65.7             | 151.3                | 30,400*             | 100                 |
|                 | 110                 | 53.2            | 141.7                | 38,400*             | 55.4             | 140.3                | 36,000*             | 61.6             | 144.9                | 28,800*             | 110                 |
|                 | 120                 | 48.8            | 133.2                | 33,700*             | 50.9             | 131.7                | 33,700*             | 57.3             | 137.3                | 27,400*             | 120                 |
| 130             | 44.0                | 123.2           | 29,600*              | 46.1                | 121.6            | 30,100*              | 52.7                | 128.5            | 26,300*              | 130                 |                     |
| 140             | 38.8                | 111.3           | 26,200*              | 40.7                | 109.5            | 26,600*              | 47.8                | 118.1            | 25,300*              | 140                 |                     |
| 150             | 32.8                | 96.7            | 23,300*              | 34.6                | 94.6             | 23,600*              |                     |                  |                      | 150                 |                     |
| 160             | 25.6                | 77.7            | 20,700*              |                     |                  |                      |                     |                  |                      | 160                 |                     |
| 140             | 40                  | 80.1            | 184.6                | 53,100*             |                  |                      |                     |                  |                      |                     | 40                  |
|                 | 45                  | 78.5            | 183.5                | 51,900*             | 80.7             | 182.4                | 46,700*             |                  |                      |                     | 45                  |
|                 | 50                  | 76.8            | 182.3                | 50,800*             | 79.0             | 181.1                | 45,900*             |                  |                      |                     | 50                  |
|                 | 55                  | 75.2            | 180.9                | 49,800*             | 77.4             | 179.8                | 45,100*             | 79.6             | 177.3                | 39,100*             | 55                  |
|                 | 60                  | 73.5            | 179.4                | 48,800*             | 75.7             | 178.2                | 44,300*             | 77.9             | 175.8                | 37,600*             | 60                  |
|                 | 65                  | 71.8            | 177.7                | 47,800*             | 74.0             | 176.5                | 43,600*             | 76.2             | 174.0                | 36,300*             | 65                  |
|                 | 70                  | 70.1            | 175.8                | 46,900*             | 72.3             | 174.7                | 42,900*             | 74.4             | 172.1                | 35,100*             | 70                  |
|                 | 75                  | 68.4            | 173.8                | 46,100*             | 70.6             | 172.6                | 42,300*             | 72.7             | 170.1                | 34,000*             | 75                  |
|                 | 80                  | 66.7            | 171.6                | 45,200*             | 68.8             | 170.4                | 41,700*             | 70.9             | 167.8                | 32,900*             | 80                  |
|                 | 85                  | 64.9            | 169.2                | 44,500*             | 67.0             | 168.0                | 41,100*             | 69.1             | 165.4                | 32,000*             | 85                  |
|                 | 90                  | 63.1            | 166.6                | 43,800*             | 65.2             | 165.4                | 40,600*             | 67.3             | 162.7                | 31,100*             | 90                  |
|                 | 100                 | 59.4            | 160.9                | 42,400*             | 61.5             | 159.6                | 39,700*             | 63.5             | 156.8                | 29,500*             | 100                 |
|                 | 110                 | 55.6            | 154.2                | 38,100*             | 57.6             | 152.8                | 37,400*             | 59.5             | 149.9                | 28,100*             | 110                 |
|                 | 120                 | 51.6            | 146.4                | 33,300*             | 53.6             | 145.0                | 33,900*             | 55.4             | 141.9                | 26,900*             | 120                 |
| 130             | 47.3                | 137.5           | 29,200*              | 49.3                | 136.0            | 29,800*              | 51.0                | 132.7            | 25,900*              | 130                 |                     |
| 140             | 42.7                | 127.0           | 25,800*              | 44.6                | 125.3            | 26,300*              | 46.1                | 121.7            | 25,000*              | 140                 |                     |
| 150             | 37.6                | 114.6           | 22,900*              | 39.4                | 112.7            | 23,200*              |                     |                  |                      | 150                 |                     |
| 160             | 31.8                | 99.4            | 20,300*              | 33.5                | 97.3             | 20,600*              |                     |                  |                      | 160                 |                     |
| 170             | 24.8                | 79.8            | 18,100*              |                     |                  |                      |                     |                  |                      | 170                 |                     |
| 150             | 40                  | 80.6            | 194.7                | 53,500*             |                  |                      |                     |                  |                      |                     | 40                  |
|                 | 45                  | 79.1            | 193.7                | 52,400*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 77.5            | 192.6                | 51,300*             | 79.6             | 191.4                | 46,100*             |                  |                      |                     | 50                  |
|                 | 55                  | 76.0            | 191.3                | 50,300*             | 78.1             | 190.1                | 45,400*             | 80.2             | 187.7                | 39,600*             | 55                  |
|                 | 60                  | 74.4            | 189.8                | 49,300*             | 76.5             | 188.7                | 44,700*             | 78.6             | 186.2                | 38,200*             | 60                  |
|                 | 65                  | 72.8            | 188.3                | 48,400*             | 74.9             | 187.1                | 44,000*             | 76.9             | 184.6                | 36,900*             | 65                  |
|                 | 70                  | 71.2            | 186.5                | 47,500*             | 73.3             | 185.3                | 43,300*             | 75.3             | 182.8                | 35,700*             | 70                  |
|                 | 75                  | 69.6            | 184.6                | 46,600*             | 71.6             | 183.4                | 42,700*             | 73.7             | 180.9                | 34,600*             | 75                  |
|                 | 80                  | 68.0            | 182.5                | 45,900*             | 70.0             | 181.3                | 42,100*             | 72.0             | 178.7                | 33,600*             | 80                  |
|                 | 85                  | 66.3            | 180.3                | 45,100*             | 68.3             | 179.1                | 41,600*             | 70.3             | 176.5                | 32,600*             | 85                  |
|                 | 90                  | 64.7            | 177.9                | 44,400*             | 66.7             | 176.7                | 41,000*             | 68.6             | 174.0                | 31,700*             | 90                  |
|                 | 100                 | 61.2            | 172.5                | 43,000*             | 63.2             | 171.2                | 40,100*             | 65.1             | 168.5                | 30,100*             | 100                 |
|                 | 110                 | 57.7            | 166.3                | 37,600*             | 59.6             | 165.0                | 38,300*             | 61.4             | 162.1                | 28,700*             | 110                 |
|                 | 120                 | 54.0            | 159.2                | 32,800*             | 55.9             | 157.8                | 33,400*             | 57.6             | 154.8                | 27,500*             | 120                 |
| 130             | 50.1                | 151.0           | 28,700*              | 52.0                | 149.6            | 29,300*              | 53.6                | 146.4            | 26,500*              | 130                 |                     |
| 140             | 45.9                | 141.6           | 25,300*              | 47.8                | 140.1            | 25,800*              | 49.3                | 136.6            | 25,600*              | 140                 |                     |
| 150             | 41.5                | 130.7           | 22,400*              | 43.2                | 129.0            | 22,800*              | 44.7                | 125.2            | 23,100*              | 150                 |                     |
| 160             | 36.5                | 117.8           | 19,900*              | 38.2                | 115.9            | 20,200*              |                     |                  |                      | 160                 |                     |
| 170             | 30.9                | 102.1           | 17,600*              | 32.5                | 99.9             | 17,800*              |                     |                  |                      | 170                 |                     |
| 180             | 24.1                | 81.8            | 15,600*              |                     |                  |                      |                     |                  |                      | 180                 |                     |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 40 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 160             | 45                  | 79.6            | 203.9                | 52,800*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 78.2            | 202.9                | 51,700*             | 80.2             | 201.7                | 46,400*             |                  |                      |                     | 50                  |
|                 | 55                  | 76.7            | 201.6                | 50,700*             | 78.7             | 200.5                | 45,700*             | 80.7             | 198.0                | 40,100*             | 55                  |
|                 | 60                  | 75.2            | 200.3                | 49,800*             | 77.2             | 199.1                | 45,000*             | 79.2             | 196.6                | 38,700*             | 60                  |
|                 | 65                  | 73.7            | 198.8                | 48,900*             | 75.7             | 197.6                | 44,300*             | 77.6             | 195.1                | 37,400*             | 65                  |
|                 | 70                  | 72.2            | 197.1                | 48,000*             | 74.2             | 195.9                | 43,700*             | 76.1             | 193.4                | 36,300*             | 70                  |
|                 | 75                  | 70.7            | 195.3                | 47,200*             | 72.6             | 194.1                | 43,100*             | 74.6             | 191.6                | 35,200*             | 75                  |
|                 | 80                  | 69.1            | 193.4                | 46,400*             | 71.1             | 192.2                | 42,500*             | 73.0             | 189.6                | 34,200*             | 80                  |
|                 | 85                  | 67.6            | 191.3                | 45,700*             | 69.5             | 190.1                | 41,900*             | 71.4             | 187.4                | 33,200*             | 85                  |
|                 | 90                  | 66.0            | 189.0                | 45,000*             | 67.9             | 187.8                | 41,400*             | 69.8             | 185.1                | 32,300*             | 90                  |
|                 | 100                 | 62.8            | 184.0                | 43,000              | 64.7             | 182.7                | 40,500*             | 66.5             | 179.9                | 30,700*             | 100                 |
|                 | 110                 | 59.5            | 178.2                | 37,100              | 61.4             | 176.9                | 37,900              | 63.1             | 174.0                | 29,400*             | 110                 |
|                 | 120                 | 56.1            | 171.6                | 32,300              | 57.9             | 170.2                | 33,000              | 59.6             | 167.3                | 28,100*             | 120                 |
|                 | 130                 | 52.5            | 164.1                | 28,300              | 54.3             | 162.6                | 28,900              | 55.9             | 159.5                | 27,000*             | 130                 |
|                 | 140                 | 48.7            | 155.5                | 24,900              | 50.5             | 154.0                | 25,400              | 52.0             | 150.7                | 25,900              | 140                 |
|                 | 150                 | 44.7            | 145.7                | 22,000              | 46.4             | 144.1                | 22,400              | 47.8             | 140.5                | 22,800              | 150                 |
| 160             | 40.3                | 134.3           | 19,400               | 42.0                | 132.5            | 19,800               | 43.3                | 128.7            | 20,100               | 160                 |                     |
| 170             | 35.6                | 120.9           | 17,200               | 37.1                | 118.9            | 17,500               |                     |                  |                      | 170                 |                     |
| 180             | 30.1                | 104.7           | 15,200               | 31.6                | 102.4            | 15,400               |                     |                  |                      | 180                 |                     |
| 190             | 23.4                | 83.8            | 13,400               |                     |                  |                      |                     |                  |                      | 190                 |                     |
| 170             | 45                  | 80.1            | 214.1                | 53,200*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 78.7            | 213.1                | 52,200*             | 80.6             | 211.9                | 46,700*             |                  |                      |                     | 50                  |
|                 | 55                  | 77.3            | 211.9                | 51,200*             | 79.2             | 210.8                | 45,900*             |                  |                      |                     | 55                  |
|                 | 60                  | 75.9            | 210.6                | 50,200*             | 77.8             | 209.5                | 45,300*             | 79.7             | 206.9                | 39,200*             | 60                  |
|                 | 65                  | 74.5            | 209.2                | 49,400*             | 76.4             | 208.0                | 44,600*             | 78.3             | 205.5                | 37,900*             | 65                  |
|                 | 70                  | 73.1            | 207.7                | 48,500*             | 74.9             | 206.5                | 44,000*             | 76.8             | 203.9                | 36,800*             | 70                  |
|                 | 75                  | 71.6            | 206.0                | 47,700*             | 73.5             | 204.8                | 43,400*             | 75.3             | 202.2                | 35,700*             | 75                  |
|                 | 80                  | 70.2            | 204.1                | 46,900*             | 72.0             | 202.9                | 42,800*             | 73.9             | 200.3                | 34,700*             | 80                  |
|                 | 85                  | 68.7            | 202.1                | 46,200*             | 70.6             | 200.9                | 42,300*             | 72.4             | 198.3                | 33,800*             | 85                  |
|                 | 90                  | 67.2            | 200.0                | 45,500*             | 69.1             | 198.8                | 41,800*             | 70.8             | 196.1                | 32,900*             | 90                  |
|                 | 100                 | 64.2            | 195.3                | 42,700              | 66.0             | 194.0                | 40,800*             | 67.8             | 191.2                | 31,300*             | 100                 |
|                 | 110                 | 61.1            | 189.8                | 36,800              | 62.9             | 188.5                | 37,700              | 64.6             | 185.7                | 29,900*             | 110                 |
|                 | 120                 | 57.9            | 183.7                | 32,000              | 59.7             | 182.3                | 32,800              | 61.3             | 179.4                | 28,700*             | 120                 |
|                 | 130                 | 54.6            | 176.7                | 28,000              | 56.3             | 175.3                | 28,700              | 57.9             | 172.2                | 27,600*             | 130                 |
|                 | 140                 | 51.1            | 168.8                | 24,600              | 52.8             | 167.3                | 25,200              | 54.3             | 164.1                | 25,700              | 140                 |
|                 | 150                 | 47.4            | 159.9                | 21,700              | 49.1             | 158.3                | 22,200              | 50.5             | 154.9                | 22,600              | 150                 |
| 160             | 43.5                | 149.6           | 19,100               | 45.1                | 147.9            | 19,600               | 46.5                | 144.3            | 19,900               | 160                 |                     |
| 170             | 39.3                | 137.8           | 16,900               | 40.9                | 136.0            | 17,200               |                     |                  |                      | 170                 |                     |
| 180             | 34.6                | 124.0           | 14,900               | 36.1                | 121.9            | 15,200               |                     |                  |                      | 180                 |                     |
| 190             | 29.3                | 107.3           | 13,100               |                     |                  |                      |                     |                  |                      | 190                 |                     |
| 200             | 22.8                | 85.8            | 11,500               |                     |                  |                      |                     |                  |                      | 200                 |                     |
| 180             | 45                  | 80.6            | 224.3                | 53,500*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 79.3            | 223.3                | 52,500*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 77.9            | 222.2                | 51,600*             | 79.7             | 221.0                | 46,200*             |                  |                      |                     | 55                  |
|                 | 60                  | 76.6            | 221.0                | 50,700*             | 78.4             | 219.8                | 45,500*             | 80.2             | 217.3                | 39,600*             | 60                  |
|                 | 65                  | 75.2            | 219.6                | 49,800*             | 77.0             | 218.4                | 44,900*             | 78.8             | 215.9                | 38,400*             | 65                  |
|                 | 70                  | 73.9            | 218.2                | 49,000*             | 75.7             | 217.0                | 44,300*             | 77.4             | 214.4                | 37,300*             | 70                  |
|                 | 75                  | 72.5            | 216.5                | 48,200*             | 74.3             | 215.3                | 43,700*             | 76.0             | 212.7                | 36,200*             | 75                  |
|                 | 80                  | 71.1            | 214.8                | 47,400*             | 72.9             | 213.6                | 43,200*             | 74.6             | 210.9                | 35,200*             | 80                  |
|                 | 85                  | 69.7            | 212.9                | 46,700*             | 71.5             | 211.7                | 42,600*             | 73.2             | 209.0                | 34,300*             | 85                  |
|                 | 90                  | 68.3            | 210.9                | 46,000*             | 70.1             | 209.6                | 42,100*             | 71.8             | 207.0                | 33,500*             | 90                  |
|                 | 100                 | 65.5            | 206.4                | 42,300              | 67.2             | 205.1                | 41,200*             | 68.9             | 202.4                | 31,900*             | 100                 |
|                 | 110                 | 62.6            | 201.3                | 36,400              | 64.3             | 200.0                | 37,300              | 65.9             | 197.2                | 30,500*             | 110                 |
|                 | 120                 | 59.5            | 195.5                | 31,600              | 61.2             | 194.2                | 32,400              | 62.8             | 191.3                | 29,200*             | 120                 |
|                 | 130                 | 56.4            | 189.0                | 27,600              | 58.1             | 187.6                | 28,300              | 59.6             | 184.6                | 28,100*             | 130                 |
|                 | 140                 | 53.2            | 181.7                | 24,200              | 54.8             | 180.2                | 24,800              | 56.3             | 177.1                | 25,300              | 140                 |
|                 | 150                 | 49.8            | 173.4                | 21,300              | 51.4             | 171.9                | 21,800              | 52.8             | 168.6                | 22,200              | 150                 |
| 160             | 46.3                | 164.1           | 18,700               | 47.8                | 162.4            | 19,200               | 49.2                | 158.9            | 19,500               | 160                 |                     |
| 170             | 42.5                | 153.4           | 16,500               | 44.0                | 151.7            | 16,900               | 45.2                | 147.9            | 17,200               | 170                 |                     |
| 180             | 38.3                | 141.2           | 14,500               | 39.8                | 139.3            | 14,800               |                     |                  |                      | 180                 |                     |
| 190             | 33.8                | 127.0           | 12,700               | 35.2                | 124.8            | 13,000               |                     |                  |                      | 190                 |                     |
| 200             | 28.6                | 109.7           | 11,100               |                     |                  |                      |                     |                  |                      | 200                 |                     |
| 210             | 22.3                | 87.7            | 9,700                |                     |                  |                      |                     |                  |                      | 210                 |                     |



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 2**

**JIB NO. 134 WITH 12'6" STRUT ON  
 BOOM NO. 22EL  
 179,100 LB. CRANE COUNTERWEIGHT  
 44,000 LB. CARBODY COUNTERWEIGHT  
 28'2" CRAWLERS EXTENDED  
 360 DEGREE RATING**

**40 FOOT JIB**

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| <b>190</b>      | 45                  | 81.0            | 234.5                | 53,900*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 79.7            | 233.5                | 52,900*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 78.5            | 232.5                | 52,000*             | 80.2             | 231.3                | 46,400*             |                  |                      |                     | 55                  |
|                 | 60                  | 77.2            | 231.3                | 51,100*             | 78.9             | 230.1                | 45,800*             | 80.6             | 227.5                | 40,000*             | 60                  |
|                 | 65                  | 75.9            | 230.0                | 50,200*             | 77.6             | 228.8                | 45,200*             | 79.3             | 226.2                | 38,800*             | 65                  |
|                 | 70                  | 74.6            | 228.6                | 49,400*             | 76.3             | 227.4                | 44,600*             | 78.0             | 224.8                | 37,700*             | 70                  |
|                 | 75                  | 73.3            | 227.1                | 48,700*             | 75.0             | 225.8                | 44,000*             | 76.7             | 223.2                | 36,700*             | 75                  |
|                 | 80                  | 72.0            | 225.4                | 47,900*             | 73.7             | 224.2                | 43,500*             | 75.4             | 221.5                | 35,700*             | 80                  |
|                 | 85                  | 70.7            | 223.6                | 47,200*             | 72.3             | 222.4                | 42,900*             | 74.0             | 219.7                | 34,800*             | 85                  |
|                 | 90                  | 69.3            | 221.7                | 46,500*             | 71.0             | 220.4                | 42,500*             | 72.6             | 217.8                | 34,000*             | 90                  |
|                 | 100                 | 66.6            | 217.4                | 41,800              | 68.3             | 216.2                | 41,500*             | 69.9             | 213.4                | 32,400*             | 100                 |
|                 | 110                 | 63.9            | 212.6                | 35,900              | 65.5             | 211.3                | 36,800              | 67.1             | 208.5                | 31,000*             | 110                 |
|                 | 120                 | 61.0            | 207.1                | 31,100              | 62.6             | 205.8                | 31,900              | 64.2             | 202.9                | 29,800*             | 120                 |
|                 | 130                 | 58.1            | 201.0                | 27,100              | 59.7             | 199.6                | 27,800              | 61.2             | 196.7                | 28,500              | 130                 |
|                 | 140                 | 55.1            | 194.2                | 23,700              | 56.6             | 192.7                | 24,300              | 58.1             | 189.6                | 24,900              | 140                 |
|                 | 150                 | 51.9            | 186.5                | 20,700              | 53.5             | 185.0                | 21,300              | 54.9             | 181.8                | 21,800              | 150                 |
|                 | 160                 | 48.6            | 177.9                | 18,200              | 50.2             | 176.3                | 18,700              | 51.5             | 172.9                | 19,100              | 160                 |
|                 | 170                 | 45.2            | 168.2                | 16,000              | 46.7             | 166.5                | 16,400              | 47.9             | 162.9                | 16,700              | 170                 |
| 180             | 41.5                | 157.2           | 14,000               | 42.9                | 155.4            | 14,300               | 44.1                | 151.5            | 14,600               | 180                 |                     |
| 190             | 37.4                | 144.6           | 12,200               | 38.8                | 142.6            | 12,500               |                     |                  |                      | 190                 |                     |
| 200             | 33.0                | 129.9           | 10,600               | 34.3                | 127.7            | 10,900               |                     |                  |                      | 200                 |                     |
| 210             | 27.9                | 112.1           | 9,200                |                     |                  |                      |                     |                  |                      | 210                 |                     |
| 220             | 21.8                | 89.5            | 7,800                |                     |                  |                      |                     |                  |                      | 220                 |                     |
| <b>200</b>      | 50                  | 80.2            | 243.7                | 53,200*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 79.0            | 242.7                | 52,300*             | 80.6             | 241.5                | 46,600*             |                  |                      |                     | 55                  |
|                 | 60                  | 77.7            | 241.6                | 51,500*             | 79.4             | 240.4                | 46,000*             |                  |                      |                     | 60                  |
|                 | 65                  | 76.5            | 240.4                | 50,600*             | 78.1             | 239.1                | 45,400*             | 79.8             | 236.6                | 39,200*             | 65                  |
|                 | 70                  | 75.3            | 239.0                | 49,800*             | 76.9             | 237.8                | 44,800*             | 78.5             | 235.2                | 38,200*             | 70                  |
|                 | 75                  | 74.0            | 237.5                | 49,100*             | 75.6             | 236.3                | 44,300*             | 77.3             | 233.7                | 37,100*             | 75                  |
|                 | 80                  | 72.8            | 236.0                | 48,400*             | 74.4             | 234.7                | 43,800*             | 76.0             | 232.1                | 36,200*             | 80                  |
|                 | 85                  | 71.5            | 234.2                | 47,700*             | 73.1             | 233.0                | 43,200*             | 74.7             | 230.3                | 35,300*             | 85                  |
|                 | 90                  | 70.2            | 232.4                | 47,000*             | 71.8             | 231.2                | 42,800*             | 73.4             | 228.5                | 34,400*             | 90                  |
|                 | 100                 | 67.7            | 228.4                | 41,300              | 69.2             | 227.1                | 41,900*             | 70.8             | 224.4                | 32,900*             | 100                 |
|                 | 110                 | 65.0            | 223.8                | 35,500              | 66.6             | 222.5                | 36,400              | 68.1             | 219.7                | 31,500*             | 110                 |
|                 | 120                 | 62.3            | 218.6                | 30,600              | 63.9             | 217.3                | 31,500              | 65.4             | 214.4                | 30,300*             | 120                 |
|                 | 130                 | 59.6            | 212.8                | 26,600              | 61.1             | 211.5                | 27,400              | 62.6             | 208.5                | 28,100              | 130                 |
|                 | 140                 | 56.7            | 206.4                | 23,200              | 58.3             | 205.0                | 23,900              | 59.7             | 201.9                | 24,500              | 140                 |
|                 | 150                 | 53.8            | 199.2                | 20,300              | 55.3             | 197.7                | 20,900              | 56.6             | 194.6                | 21,400              | 150                 |
|                 | 160                 | 50.7            | 191.2                | 17,700              | 52.2             | 189.7                | 18,300              | 53.5             | 186.3                | 18,700              | 160                 |
|                 | 170                 | 47.5            | 182.2                | 15,500              | 49.0             | 180.6                | 16,000              | 50.2             | 177.1                | 16,400              | 170                 |
|                 | 180                 | 44.1            | 172.2                | 13,500              | 45.6             | 170.5                | 13,900              | 46.7             | 166.8                | 14,300              | 180                 |
| 190             | 40.5                | 160.8           | 11,800               | 41.9                | 159.0            | 12,100               | 43.0                | 155.0            | 12,400               | 190                 |                     |
| 200             | 36.6                | 147.8           | 10,200               | 37.9                | 145.8            | 10,500               |                     |                  |                      | 200                 |                     |
| 210             | 32.3                | 132.7           | 8,700                | 33.5                | 130.4            | 9,000                |                     |                  |                      | 210                 |                     |
| 220             | 27.3                | 114.5           | 7,400                |                     |                  |                      |                     |                  |                      | 220                 |                     |
| 230             | 21.3                | 91.3            | 6,200                |                     |                  |                      |                     |                  |                      | 230                 |                     |
| <b>210</b>      | 50                  | 80.6            | 253.9                | 53,500*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 79.4            | 252.9                | 52,700*             | 81.0             | 251.7                | 46,800*             |                  |                      |                     | 55                  |
|                 | 60                  | 78.2            | 251.8                | 51,800*             | 79.8             | 250.6                | 46,200*             |                  |                      |                     | 60                  |
|                 | 65                  | 77.1            | 250.7                | 51,000*             | 78.6             | 249.5                | 45,600*             | 80.2             | 246.8                | 39,600*             | 65                  |
|                 | 70                  | 75.9            | 249.4                | 50,200*             | 77.4             | 248.2                | 45,100*             | 79.0             | 245.5                | 38,600*             | 70                  |
|                 | 75                  | 74.7            | 248.0                | 49,500*             | 76.2             | 246.7                | 44,500*             | 77.8             | 244.1                | 37,600*             | 75                  |
|                 | 80                  | 73.5            | 246.5                | 48,800*             | 75.0             | 245.2                | 44,000*             | 76.6             | 242.6                | 36,600*             | 80                  |
|                 | 85                  | 72.3            | 244.8                | 48,100*             | 73.8             | 243.6                | 43,500*             | 75.4             | 240.9                | 35,700*             | 85                  |
|                 | 90                  | 71.1            | 243.1                | 47,400*             | 72.6             | 241.8                | 43,100*             | 74.1             | 239.1                | 34,900*             | 90                  |
|                 | 100                 | 68.6            | 239.2                | 41,000              | 70.1             | 237.9                | 42,200              | 71.6             | 235.2                | 33,400*             | 100                 |
|                 | 110                 | 66.1            | 234.8                | 35,100              | 67.6             | 233.5                | 36,100              | 69.1             | 230.8                | 32,000*             | 110                 |
|                 | 120                 | 63.5            | 229.9                | 30,300              | 65.0             | 228.6                | 31,200              | 66.5             | 225.8                | 30,700*             | 120                 |
|                 | 130                 | 60.9            | 224.5                | 26,300              | 62.4             | 223.1                | 27,100              | 63.8             | 220.2                | 27,800              | 130                 |
|                 | 140                 | 58.2            | 218.4                | 22,900              | 59.7             | 217.0                | 23,600              | 61.1             | 214.0                | 24,200              | 140                 |
|                 | 150                 | 55.5            | 211.6                | 19,900              | 56.9             | 210.2                | 20,600              | 58.2             | 207.0                | 21,100              | 150                 |
|                 | 160                 | 52.6            | 204.1                | 17,400              | 54.0             | 202.6                | 17,900              | 55.3             | 199.4                | 18,400              | 160                 |
|                 | 170                 | 49.6            | 195.8                | 15,200              | 51.0             | 194.2                | 15,600              | 52.3             | 190.8                | 16,100              | 170                 |
|                 | 180                 | 46.5            | 186.5                | 13,200              | 47.9             | 184.8                | 13,600              | 49.0             | 181.2                | 14,000              | 180                 |
| 190             | 43.2                | 176.1           | 11,400               | 44.5                | 174.3            | 11,800               | 45.6                | 170.5            | 12,100               | 190                 |                     |
| 200             | 39.7                | 164.4           | 9,800                | 41.0                | 162.5            | 10,200               |                     |                  |                      | 200                 |                     |
| 210             | 35.8                | 151.0           | 8,400                | 37.1                | 148.9            | 8,700                |                     |                  |                      | 210                 |                     |
| 220             | 31.6                | 135.5           | 7,100                | 32.8                | 133.1            | 7,300                |                     |                  |                      | 220                 |                     |
| 230             | 26.7                | 116.8           | 5,900                |                     |                  |                      |                     |                  |                      | 230                 |                     |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 40 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 220             | 50                  | 80.9            | 264.0                | 53,800*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 79.8            | 263.1                | 53,000*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 78.7            | 262.1                | 52,200*             | 80.2             | 260.9                | 46,400*             |                  |                      |                     | 60                  |
|                 | 65                  | 77.6            | 261.0                | 51,400*             | 79.1             | 259.7                | 45,900*             | 80.6             | 257.1                | 40,000*             | 65                  |
|                 | 70                  | 76.4            | 259.7                | 50,600*             | 77.9             | 258.5                | 45,300*             | 79.5             | 255.9                | 38,900*             | 70                  |
|                 | 75                  | 75.3            | 258.4                | 49,900*             | 76.8             | 257.1                | 44,800*             | 78.3             | 254.5                | 38,000*             | 75                  |
|                 | 80                  | 74.1            | 256.9                | 49,200*             | 75.6             | 255.7                | 44,300*             | 77.1             | 253.0                | 37,000*             | 80                  |
|                 | 85                  | 73.0            | 255.4                | 48,500*             | 74.5             | 254.1                | 43,800*             | 76.0             | 251.4                | 36,200*             | 85                  |
|                 | 90                  | 71.8            | 253.7                | 47,800*             | 73.3             | 252.4                | 43,300*             | 74.8             | 249.7                | 35,300*             | 90                  |
|                 | 100                 | 69.5            | 250.0                | 40,600*             | 70.9             | 248.7                | 41,800*             | 72.4             | 246.0                | 33,800*             | 100                 |
|                 | 110                 | 67.1            | 245.8                | 34,700              | 68.5             | 244.5                | 35,700              | 70.0             | 241.7                | 32,400*             | 110                 |
|                 | 120                 | 64.6            | 241.1                | 29,800              | 66.1             | 239.8                | 30,800              | 67.5             | 237.0                | 31,200*             | 120                 |
|                 | 130                 | 62.2            | 235.9                | 25,800              | 63.6             | 234.6                | 26,600              | 65.0             | 231.7                | 27,400              | 130                 |
|                 | 140                 | 59.6            | 230.2                | 22,400              | 61.0             | 228.8                | 23,100              | 62.4             | 225.8                | 23,800              | 140                 |
|                 | 150                 | 57.0            | 223.8                | 19,500              | 58.4             | 222.3                | 20,100              | 59.7             | 219.3                | 20,700              | 150                 |
|                 | 160                 | 54.3            | 216.7                | 16,900              | 55.7             | 215.2                | 17,500              | 56.9             | 212.0                | 18,100              | 160                 |
|                 | 170                 | 51.5            | 208.9                | 14,700              | 52.9             | 207.3                | 15,200              | 54.1             | 204.0                | 15,700              | 170                 |
|                 | 180                 | 48.6            | 200.2                | 12,700              | 49.9             | 198.6                | 13,200              | 51.1             | 195.2                | 13,600              | 180                 |
|                 | 190                 | 45.5            | 190.6                | 11,000              | 46.8             | 188.9                | 11,400              | 47.9             | 185.3                | 11,700              | 190                 |
|                 | 200                 | 42.3            | 179.9                | 9,400               | 43.6             | 178.1                | 9,700               | 44.6             | 174.2                | 10,000              | 200                 |
|                 | 210                 | 38.8            | 167.8                | 8,000               | 40.1             | 165.9                | 8,300               |                  |                      |                     | 210                 |
|                 | 220                 | 35.1            | 154.1                | 6,700               | 36.3             | 152.0                | 6,900               |                  |                      |                     | 220                 |
|                 | 230                 | 30.9            | 138.2                | 5,500               | 32.1             | 135.8                | 5,700               |                  |                      |                     | 230                 |
|                 | 240                 | 26.2            | 119.1                | 4,400               |                  |                      |                     |                  |                      |                     | 240                 |
| 230             | 55                  | 80.2            | 273.3                | 53,300*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 79.1            | 272.3                | 52,500*             | 80.6             | 271.1                | 46,600*             |                  |                      |                     | 60                  |
|                 | 65                  | 78.0            | 271.2                | 51,700*             | 79.5             | 270.0                | 46,100*             | 81.0             | 267.4                | 40,300*             | 65                  |
|                 | 70                  | 76.9            | 270.0                | 51,000*             | 78.4             | 268.8                | 45,500*             | 79.9             | 266.2                | 39,300*             | 70                  |
|                 | 75                  | 75.8            | 268.7                | 50,200*             | 77.3             | 267.5                | 45,000*             | 78.8             | 264.8                | 38,300*             | 75                  |
|                 | 80                  | 74.7            | 267.3                | 49,600*             | 76.2             | 266.1                | 44,500*             | 77.6             | 263.4                | 37,400*             | 80                  |
|                 | 85                  | 73.6            | 265.8                | 48,900*             | 75.1             | 264.6                | 44,000*             | 76.5             | 261.9                | 36,600*             | 85                  |
|                 | 90                  | 72.5            | 264.2                | 47,500              | 74.0             | 263.0                | 43,600*             | 75.4             | 260.3                | 35,700*             | 90                  |
|                 | 100                 | 70.3            | 260.7                | 40,100              | 71.7             | 259.4                | 41,300              | 73.1             | 256.7                | 34,200*             | 100                 |
|                 | 110                 | 68.0            | 256.7                | 34,200              | 69.4             | 255.4                | 35,300              | 70.8             | 252.6                | 32,900*             | 110                 |
|                 | 120                 | 65.7            | 252.2                | 29,300              | 67.1             | 250.9                | 30,300              | 68.4             | 248.1                | 31,300              | 120                 |
|                 | 130                 | 63.3            | 247.3                | 25,300              | 64.7             | 245.9                | 26,200              | 66.0             | 243.0                | 27,000              | 130                 |
|                 | 140                 | 60.9            | 241.8                | 21,900              | 62.2             | 240.4                | 22,700              | 63.5             | 237.4                | 23,400              | 140                 |
|                 | 150                 | 58.4            | 235.7                | 19,000              | 59.7             | 234.3                | 19,700              | 61.0             | 231.3                | 20,300              | 150                 |
|                 | 160                 | 55.8            | 229.0                | 16,400              | 57.2             | 227.6                | 17,000              | 58.4             | 224.4                | 17,600              | 160                 |
|                 | 170                 | 53.2            | 221.7                | 14,200              | 54.5             | 220.2                | 14,700              | 55.7             | 216.9                | 15,200              | 170                 |
|                 | 180                 | 50.5            | 213.6                | 12,200              | 51.8             | 212.0                | 12,700              | 52.9             | 208.6                | 13,100              | 180                 |
|                 | 190                 | 47.6            | 204.6                | 10,400              | 48.9             | 203.0                | 10,900              | 50.0             | 199.4                | 11,300              | 190                 |
|                 | 200                 | 44.6            | 194.7                | 8,900               | 45.9             | 192.9                | 9,300               | 46.9             | 189.2                | 9,600               | 200                 |
|                 | 210                 | 41.4            | 183.6                | 7,400               | 42.7             | 181.8                | 7,800               | 43.6             | 177.8                | 8,100               | 210                 |
|                 | 220                 | 38.1            | 171.2                | 6,100               | 39.3             | 169.3                | 6,400               |                  |                      |                     | 220                 |
|                 | 230                 | 34.4            | 157.1                | 4,900               | 35.5             | 155.0                | 5,200               |                  |                      |                     | 230                 |
|                 | 240                 |                 |                      |                     | 31.4             | 138.4                | 4,100               |                  |                      |                     | 240                 |
|                 | 240                 | 55              | 80.6                 | 283.5               | 53,600*          |                      |                     |                  |                      |                     |                     |
| 60              |                     | 79.5            | 282.5                | 52,800*             | 80.9             | 281.3                | 46,800*             |                  |                      |                     | 60                  |
| 65              |                     | 78.5            | 281.5                | 52,000*             | 79.9             | 280.2                | 46,300*             |                  |                      |                     | 65                  |
| 70              |                     | 77.4            | 280.3                | 51,300*             | 78.8             | 279.1                | 45,700*             | 80.2             | 276.4                | 39,600*             | 70                  |
| 75              |                     | 76.4            | 279.1                | 50,600*             | 77.8             | 277.8                | 45,200*             | 79.2             | 275.2                | 38,700*             | 75                  |
| 80              |                     | 75.3            | 277.7                | 49,900*             | 76.7             | 276.5                | 44,800*             | 78.1             | 273.8                | 37,800*             | 80                  |
| 85              |                     | 74.2            | 276.3                | 49,300*             | 75.6             | 275.0                | 44,300*             | 77.0             | 272.4                | 36,900*             | 85                  |
| 90              |                     | 73.2            | 274.8                | 47,000              | 74.6             | 273.5                | 43,800*             | 75.9             | 270.8                | 36,100*             | 90                  |
| 100             |                     | 71.0            | 271.4                | 39,600              | 72.4             | 270.1                | 40,900              | 73.7             | 267.3                | 34,600*             | 100                 |
| 110             |                     | 68.8            | 267.5                | 33,700              | 70.2             | 266.2                | 34,900              | 71.5             | 263.5                | 33,300*             | 110                 |
| 120             |                     | 66.6            | 263.3                | 28,900              | 67.9             | 261.9                | 29,900              | 69.2             | 259.1                | 30,900              | 120                 |
| 130             |                     | 64.3            | 258.5                | 24,800              | 65.7             | 257.2                | 25,700              | 66.9             | 254.3                | 26,600              | 130                 |
| 140             |                     | 62.0            | 253.3                | 21,400              | 63.3             | 251.9                | 22,200              | 64.6             | 248.9                | 23,000              | 140                 |
| 150             |                     | 59.6            | 247.5                | 18,500              | 61.0             | 246.1                | 19,200              | 62.2             | 243.1                | 19,900              | 150                 |
| 160             |                     | 57.2            | 241.1                | 15,900              | 58.5             | 239.7                | 16,600              | 59.7             | 236.6                | 17,200              | 160                 |
| 170             |                     | 54.7            | 234.2                | 13,700              | 56.0             | 232.7                | 14,300              | 57.2             | 229.5                | 14,800              | 170                 |
| 180             |                     | 52.1            | 226.5                | 11,700              | 53.4             | 225.0                | 12,300              | 54.5             | 221.7                | 12,700              | 180                 |
| 190             |                     | 49.5            | 218.1                | 10,000              | 50.7             | 216.5                | 10,400              | 51.8             | 213.1                | 10,900              | 190                 |
| 200             |                     | 46.7            | 208.9                | 8,400               | 47.9             | 207.2                | 8,800               | 48.9             | 203.6                | 9,200               | 200                 |
| 210             |                     | 43.8            | 198.6                | 7,000               | 45.0             | 196.9                | 7,300               | 45.9             | 193.1                | 7,700               | 210                 |
| 220             |                     | 40.7            | 187.3                | 5,700               | 41.8             | 185.4                | 6,000               |                  |                      |                     | 220                 |
| 230             |                     | 37.3            | 174.6                | 4,500               | 38.5             | 172.5                | 4,800               |                  |                      |                     | 230                 |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 40 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| <b>250</b>      | 55                  | 80.9            | 293.6                | 53,800*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 79.9            | 292.7                | 53,100*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 78.9            | 291.7                | 52,300*             | 80.2             | 290.5                | 46,500*             |                  |                      |                     | 65                  |
|                 | 70                  | 77.9            | 290.6                | 51,600*             | 79.2             | 289.4                | 45,900*             | 80.6             | 286.7                | 40,000*             | 70                  |
|                 | 75                  | 76.8            | 289.4                | 50,900*             | 78.2             | 288.1                | 45,500*             | 79.6             | 285.5                | 39,000*             | 75                  |
|                 | 80                  | 75.8            | 288.1                | 50,300*             | 77.2             | 286.9                | 45,000*             | 78.5             | 284.2                | 38,100*             | 80                  |
|                 | 85                  | 74.8            | 286.7                | 49,600*             | 76.1             | 285.5                | 44,500*             | 77.5             | 282.8                | 37,300*             | 85                  |
|                 | 90                  | 73.8            | 285.2                | 47,100              | 75.1             | 284.0                | 44,100*             | 76.4             | 281.3                | 36,500*             | 90                  |
|                 | 100                 | 71.7            | 282.0                | 39,700              | 73.0             | 280.7                | 41,000              | 74.3             | 277.9                | 35,000*             | 100                 |
|                 | 110                 | 69.6            | 278.3                | 33,800              | 70.9             | 277.0                | 34,900              | 72.2             | 274.2                | 33,700*             | 110                 |
|                 | 120                 | 67.4            | 274.2                | 28,900              | 68.8             | 272.9                | 30,000              | 70.0             | 270.0                | 30,900              | 120                 |
|                 | 130                 | 65.3            | 269.6                | 24,900              | 66.6             | 268.3                | 25,800              | 67.8             | 265.4                | 26,700              | 130                 |
|                 | 140                 | 63.1            | 264.6                | 21,500              | 64.3             | 263.3                | 22,300              | 65.6             | 260.3                | 23,100              | 140                 |
|                 | 150                 | 60.8            | 259.1                | 18,500              | 62.1             | 257.7                | 19,300              | 63.3             | 254.7                | 20,000              | 150                 |
|                 | 160                 | 58.5            | 253.1                | 16,000              | 59.8             | 251.6                | 16,700              | 60.9             | 248.5                | 17,300              | 160                 |
|                 | 170                 | 56.1            | 246.4                | 13,800              | 57.4             | 245.0                | 14,400              | 58.5             | 241.8                | 14,900              | 170                 |
|                 | 180                 | 53.7            | 239.2                | 11,800              | 54.9             | 237.7                | 12,300              | 56.0             | 234.4                | 12,800              | 180                 |
|                 | 190                 | 51.2            | 231.3                | 10,000              | 52.4             | 229.7                | 10,500              | 53.4             | 226.3                | 11,000              | 190                 |
|                 | 200                 | 48.5            | 222.6                | 8,400               | 49.7             | 221.0                | 8,900               | 50.8             | 217.4                | 9,300               | 200                 |
|                 | 210                 | 45.8            | 213.1                | 7,000               | 47.0             | 211.3                | 7,400               | 48.0             | 207.6                | 7,800               | 210                 |
| 220             | 42.9                | 202.5           | 5,700                | 44.1                | 200.7            | 6,100                | 45.0                | 196.8            | 6,400                | 220                 |                     |
| 230             | 39.9                | 190.9           | 4,600                | 41.0                | 189.0            | 4,900                |                     |                  |                      | 230                 |                     |
| <b>260</b>      | 60                  | 80.2            | 302.9                | 53,300*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 79.2            | 301.9                | 52,600*             | 80.6             | 300.7                | 46,600*             |                  |                      |                     | 65                  |
|                 | 70                  | 78.3            | 300.8                | 51,900*             | 79.6             | 299.6                | 46,100*             | 80.9             | 296.9                | 40,300*             | 70                  |
|                 | 75                  | 77.3            | 299.7                | 51,200*             | 78.6             | 298.4                | 45,600*             | 79.9             | 295.8                | 39,400*             | 75                  |
|                 | 80                  | 76.3            | 298.4                | 50,600*             | 77.6             | 297.2                | 45,200*             | 78.9             | 294.5                | 38,500*             | 80                  |
|                 | 85                  | 75.3            | 297.1                | 50,000*             | 76.6             | 295.8                | 44,700*             | 77.9             | 293.1                | 37,700*             | 85                  |
|                 | 90                  | 74.3            | 295.7                | 46,600              | 75.6             | 294.4                | 44,300*             | 76.9             | 291.7                | 36,900*             | 90                  |
|                 | 100                 | 72.3            | 292.5                | 39,200              | 73.6             | 291.2                | 40,600              | 74.9             | 288.5                | 35,400*             | 100                 |
|                 | 110                 | 70.3            | 289.0                | 33,300              | 71.6             | 287.7                | 34,500              | 72.8             | 284.9                | 34,100*             | 110                 |
|                 | 120                 | 68.2            | 285.0                | 28,500              | 69.5             | 283.7                | 29,500              | 70.7             | 280.9                | 30,600              | 120                 |
|                 | 130                 | 66.2            | 280.7                | 24,400              | 67.4             | 279.3                | 25,400              | 68.6             | 276.5                | 26,300              | 130                 |
|                 | 140                 | 64.0            | 275.9                | 21,000              | 65.3             | 274.5                | 21,900              | 66.5             | 271.6                | 22,700              | 140                 |
|                 | 150                 | 61.9            | 270.6                | 18,100              | 63.1             | 269.2                | 18,800              | 64.3             | 266.2                | 19,600              | 150                 |
|                 | 160                 | 59.7            | 264.8                | 15,500              | 60.9             | 263.4                | 16,200              | 62.0             | 260.3                | 16,900              | 160                 |
|                 | 170                 | 57.4            | 258.5                | 13,300              | 58.6             | 257.0                | 13,900              | 59.7             | 253.9                | 14,500              | 170                 |
|                 | 180                 | 55.1            | 251.6                | 11,300              | 56.3             | 250.1                | 11,900              | 57.4             | 246.9                | 12,400              | 180                 |
| 190             | 52.7                | 244.1           | 9,600                | 53.9                | 242.6            | 10,100               | 54.9                | 239.2            | 10,500               | 190                 |                     |
| 200             | 50.2                | 235.9           | 8,000                | 51.4                | 234.3            | 8,500                | 52.4                | 230.9            | 8,900                | 200                 |                     |
| 210             | 47.7                | 227.0           | 6,600                | 48.8                | 225.3            | 7,000                | 49.8                | 221.7            | 7,300                | 210                 |                     |
| 220             | 45.0                | 217.1           | 5,300                | 46.1                | 215.4            | 5,600                | 47.0                | 211.6            | 6,000                | 220                 |                     |
| 230             | 42.2                | 206.3           | 4,100                | 43.3                | 204.5            | 4,400                | 44.1                | 200.5            | 4,700                | 230                 |                     |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 50 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 90              | 35                  | 79.7            | 144.7                | 42,800*             |                  |                      |                     |                  |                      |                     | 35                  |
|                 | 40                  | 77.5            | 143.5                | 41,600*             |                  |                      |                     |                  |                      |                     | 40                  |
|                 | 45                  | 75.4            | 142.2                | 40,400*             | 79.0             | 141.0                | 37,000*             |                  |                      |                     | 45                  |
|                 | 50                  | 73.3            | 140.6                | 39,300*             | 76.8             | 139.4                | 36,200*             | 80.5             | 136.8                | 33,000*             | 50                  |
|                 | 55                  | 71.1            | 138.8                | 38,300*             | 74.6             | 137.6                | 35,400*             | 78.2             | 135.0                | 31,200*             | 55                  |
|                 | 60                  | 68.9            | 136.7                | 37,400*             | 72.4             | 135.5                | 34,600*             | 76.0             | 132.9                | 29,600*             | 60                  |
|                 | 65                  | 66.6            | 134.5                | 36,500*             | 70.1             | 133.2                | 33,900*             | 73.6             | 130.6                | 28,100*             | 65                  |
|                 | 70                  | 64.4            | 132.0                | 35,600*             | 67.8             | 130.7                | 33,200*             | 71.3             | 128.0                | 26,800*             | 70                  |
|                 | 75                  | 62.0            | 129.2                | 34,800*             | 65.5             | 127.9                | 32,600*             | 68.9             | 125.1                | 25,700*             | 75                  |
|                 | 80                  | 59.6            | 126.2                | 34,100*             | 63.0             | 124.9                | 32,000*             | 66.4             | 122.0                | 24,600*             | 80                  |
|                 | 85                  | 57.2            | 122.9                | 33,400*             | 60.5             | 121.5                | 30,600*             | 63.8             | 118.5                | 23,700*             | 85                  |
|                 | 90                  | 54.6            | 119.2                | 32,800*             | 58.0             | 117.8                | 29,100*             | 61.2             | 114.7                | 22,800*             | 90                  |
|                 | 100                 | 49.3            | 110.8                | 31,600*             | 52.5             | 109.3                | 26,700*             | 55.6             | 105.9                | 21,300*             | 100                 |
|                 | 110                 | 43.4            | 100.6                | 29,300*             | 46.6             | 98.9                 | 24,700*             | 49.4             | 95.1                 | 20,100*             | 110                 |
| 120             | 36.8                | 87.8            | 26,800*              | 39.8                | 85.8             | 23,000*              |                     |                  |                      | 120                 |                     |
| 130             | 28.7                | 70.9            | 24,700*              | 31.5                | 68.4             | 21,700*              |                     |                  |                      | 130                 |                     |
| 100             | 35                  | 80.4            | 155.0                | 43,300*             |                  |                      |                     |                  |                      |                     | 35                  |
|                 | 40                  | 78.4            | 153.8                | 42,100*             |                  |                      |                     |                  |                      |                     | 40                  |
|                 | 45                  | 76.4            | 152.6                | 41,000*             | 79.8             | 151.4                | 37,400*             |                  |                      |                     | 45                  |
|                 | 50                  | 74.4            | 151.1                | 39,900*             | 77.7             | 149.9                | 36,500*             |                  |                      |                     | 50                  |
|                 | 55                  | 72.4            | 149.4                | 38,900*             | 75.7             | 148.2                | 35,800*             | 79.1             | 145.5                | 31,800*             | 55                  |
|                 | 60                  | 70.4            | 147.5                | 38,000*             | 73.7             | 146.3                | 35,000*             | 77.0             | 143.6                | 30,300*             | 60                  |
|                 | 65                  | 68.3            | 145.5                | 37,100*             | 71.6             | 144.2                | 34,300*             | 74.9             | 141.5                | 28,900*             | 65                  |
|                 | 70                  | 66.2            | 143.2                | 36,300*             | 69.4             | 141.9                | 33,700*             | 72.7             | 139.1                | 27,600*             | 70                  |
|                 | 75                  | 64.1            | 140.6                | 35,500*             | 67.3             | 139.3                | 33,100*             | 70.5             | 136.5                | 26,400*             | 75                  |
|                 | 80                  | 61.9            | 137.9                | 34,800*             | 65.1             | 136.6                | 32,500*             | 68.2             | 133.6                | 25,400*             | 80                  |
|                 | 85                  | 59.6            | 134.9                | 34,100*             | 62.8             | 133.5                | 32,000*             | 65.9             | 130.5                | 24,500*             | 85                  |
|                 | 90                  | 57.4            | 131.6                | 33,500*             | 60.5             | 130.2                | 30,500*             | 63.6             | 127.1                | 23,600*             | 90                  |
|                 | 100                 | 52.6            | 124.0                | 32,300*             | 55.7             | 122.6                | 28,000*             | 58.6             | 119.3                | 22,100*             | 100                 |
|                 | 110                 | 47.4            | 115.1                | 31,300*             | 50.5             | 113.5                | 25,900*             | 53.2             | 109.9                | 20,800*             | 110                 |
| 120             | 41.8                | 104.2           | 28,600*              | 44.7                | 102.4            | 24,200*              | 47.2                | 98.5             | 19,800*              | 120                 |                     |
| 130             | 35.4                | 90.8            | 26,400*              | 38.2                | 88.7             | 22,700*              |                     |                  |                      | 130                 |                     |
| 140             | 27.7                | 73.3            | 24,500*              |                     |                  |                      |                     |                  |                      | 140                 |                     |
| 110             | 35                  | 81.0            | 165.1                | 43,700*             |                  |                      |                     |                  |                      |                     | 35                  |
|                 | 40                  | 79.1            | 164.1                | 42,500*             |                  |                      |                     |                  |                      |                     | 40                  |
|                 | 45                  | 77.3            | 162.9                | 41,500*             | 80.4             | 161.7                | 37,700*             |                  |                      |                     | 45                  |
|                 | 50                  | 75.4            | 161.5                | 40,400*             | 78.5             | 160.3                | 36,900*             |                  |                      |                     | 50                  |
|                 | 55                  | 73.6            | 160.0                | 39,500*             | 76.7             | 158.7                | 36,100*             | 79.8             | 156.0                | 32,400*             | 55                  |
|                 | 60                  | 71.7            | 158.2                | 38,600*             | 74.7             | 157.0                | 35,400*             | 77.9             | 154.2                | 30,900*             | 60                  |
|                 | 65                  | 69.7            | 156.3                | 37,700*             | 72.8             | 155.0                | 34,700*             | 75.9             | 152.2                | 29,500*             | 65                  |
|                 | 70                  | 67.8            | 154.2                | 36,900*             | 70.8             | 152.9                | 34,100*             | 73.9             | 150.0                | 28,300*             | 70                  |
|                 | 75                  | 65.8            | 151.8                | 36,200*             | 68.8             | 150.5                | 33,500*             | 71.9             | 147.7                | 27,100*             | 75                  |
|                 | 80                  | 63.8            | 149.3                | 35,400*             | 66.8             | 148.0                | 32,900*             | 69.8             | 145.0                | 26,100*             | 80                  |
|                 | 85                  | 61.8            | 146.5                | 34,800*             | 64.7             | 145.2                | 32,400*             | 67.7             | 142.2                | 25,200*             | 85                  |
|                 | 90                  | 59.7            | 143.5                | 34,100*             | 62.6             | 142.1                | 31,900*             | 65.5             | 139.1                | 24,300*             | 90                  |
|                 | 100                 | 55.3            | 136.7                | 32,900*             | 58.2             | 135.2                | 29,300*             | 61.0             | 132.0                | 22,800*             | 100                 |
|                 | 110                 | 50.7            | 128.7                | 31,900*             | 53.6             | 127.1                | 27,100*             | 56.2             | 123.6                | 21,500*             | 110                 |
| 120             | 45.8                | 119.2           | 30,400*              | 48.6                | 117.5            | 25,300*              | 51.1                | 113.7            | 20,400*              | 120                 |                     |
| 130             | 40.4                | 107.8           | 28,000*              | 43.1                | 105.9            | 23,700*              | 45.3                | 101.7            | 19,500*              | 130                 |                     |
| 140             | 34.2                | 93.8            | 26,000*              | 36.7                | 91.6             | 22,500*              |                     |                  |                      | 140                 |                     |
| 150             | 26.7                | 75.5            | 24,300*              |                     |                  |                      |                     |                  |                      | 150                 |                     |

# MANITOWOC ENGINEERING CO.

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888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 50 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 120             | 40                  | 79.8            | 174.3                | 42,900*             |                  |                      |                     |                  |                      |                     | 40                  |
|                 | 45                  | 78.1            | 173.2                | 41,900*             | 81.0             | 172.0                | 37,900*             |                  |                      |                     | 45                  |
|                 | 50                  | 76.3            | 171.9                | 40,900*             | 79.2             | 170.6                | 37,200*             |                  |                      |                     | 50                  |
|                 | 55                  | 74.6            | 170.5                | 40,000*             | 77.5             | 169.2                | 36,400*             | 80.5             | 166.4                | 33,000*             | 55                  |
|                 | 60                  | 72.8            | 168.8                | 39,100*             | 75.7             | 167.5                | 35,700*             | 78.6             | 164.7                | 31,500*             | 60                  |
|                 | 65                  | 71.0            | 167.0                | 38,300*             | 73.9             | 165.7                | 35,100*             | 76.8             | 162.9                | 30,100*             | 65                  |
|                 | 70                  | 69.2            | 165.1                | 37,500*             | 72.1             | 163.7                | 34,500*             | 74.9             | 160.9                | 28,900*             | 70                  |
|                 | 75                  | 67.3            | 162.9                | 36,700*             | 70.2             | 161.6                | 33,900*             | 73.1             | 158.6                | 27,800*             | 75                  |
|                 | 80                  | 65.5            | 160.5                | 36,000*             | 68.3             | 159.2                | 33,400*             | 71.1             | 156.2                | 26,800*             | 80                  |
|                 | 85                  | 63.6            | 158.0                | 35,400*             | 66.4             | 156.6                | 32,800*             | 69.2             | 153.6                | 25,800*             | 85                  |
|                 | 90                  | 61.7            | 155.2                | 34,700*             | 64.5             | 153.8                | 32,400*             | 67.2             | 150.7                | 25,000*             | 90                  |
|                 | 100                 | 57.7            | 148.9                | 33,500*             | 60.4             | 147.5                | 30,500*             | 63.1             | 144.3                | 23,400*             | 100                 |
|                 | 110                 | 53.5            | 141.7                | 32,500*             | 56.2             | 140.1                | 28,300*             | 58.8             | 136.7                | 22,100*             | 110                 |
|                 | 120                 | 49.1            | 133.1                | 31,600*             | 51.7             | 131.5                | 26,400*             | 54.2             | 127.8                | 21,000*             | 120                 |
| 130             | 44.3                | 123.2           | 29,700*              | 46.9                | 121.3            | 24,800*              | 49.2                | 117.4            | 20,100*              | 130                 |                     |
| 140             | 39.1                | 111.2           | 27,000               | 41.6                | 109.2            | 23,400*              | 43.6                | 104.7            | 19,300*              | 140                 |                     |
| 150             | 33.1                | 96.6            | 24,000               | 35.4                | 94.3             | 22,200*              |                     |                  |                      | 150                 |                     |
| 160             | 25.9                | 77.7            | 21,500               |                     |                  |                      |                     |                  |                      | 160                 |                     |
| 130             | 40                  | 80.4            | 184.5                | 43,300*             |                  |                      |                     |                  |                      |                     | 40                  |
|                 | 45                  | 78.7            | 183.5                | 42,300*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 77.1            | 182.3                | 41,400*             | 79.9             | 181.0                | 37,400*             |                  |                      |                     | 50                  |
|                 | 55                  | 75.4            | 180.9                | 40,500*             | 78.2             | 179.6                | 36,700*             |                  |                      |                     | 55                  |
|                 | 60                  | 73.8            | 179.4                | 39,600*             | 76.5             | 178.1                | 36,100*             | 79.3             | 175.2                | 32,000*             | 60                  |
|                 | 65                  | 72.1            | 177.7                | 38,800*             | 74.8             | 176.4                | 35,400*             | 77.6             | 173.5                | 30,700*             | 65                  |
|                 | 70                  | 70.4            | 175.8                | 38,000*             | 73.1             | 174.5                | 34,800*             | 75.9             | 171.6                | 29,500*             | 70                  |
|                 | 75                  | 68.7            | 173.8                | 37,300*             | 71.4             | 172.4                | 34,300*             | 74.1             | 169.5                | 28,400*             | 75                  |
|                 | 80                  | 66.9            | 171.6                | 36,600*             | 69.6             | 170.2                | 33,700*             | 72.3             | 167.2                | 27,400*             | 80                  |
|                 | 85                  | 65.2            | 169.2                | 35,900*             | 67.9             | 167.8                | 33,200*             | 70.5             | 164.8                | 26,400*             | 85                  |
|                 | 90                  | 63.4            | 166.6                | 35,300*             | 66.0             | 165.2                | 32,700*             | 68.7             | 162.1                | 25,600*             | 90                  |
|                 | 100                 | 59.7            | 160.8                | 34,100*             | 62.3             | 159.4                | 31,700*             | 64.9             | 156.2                | 24,100*             | 100                 |
|                 | 110                 | 55.9            | 154.2                | 33,100*             | 58.5             | 152.6                | 29,400*             | 60.9             | 149.3                | 22,700*             | 110                 |
|                 | 120                 | 51.8            | 146.4                | 32,100*             | 54.4             | 144.8                | 27,500*             | 56.7             | 141.2                | 21,600*             | 120                 |
| 130             | 47.6                | 137.5           | 30,100               | 50.1                | 135.7            | 25,800*              | 52.3                | 131.9            | 20,600*              | 130                 |                     |
| 140             | 43.0                | 127.0           | 26,700               | 45.4                | 125.1            | 24,300*              | 47.4                | 120.9            | 19,800*              | 140                 |                     |
| 150             | 37.9                | 114.6           | 23,800               | 40.2                | 112.4            | 23,100*              |                     |                  |                      | 150                 |                     |
| 160             | 32.1                | 99.4            | 21,200               | 34.3                | 96.9             | 21,500               |                     |                  |                      | 160                 |                     |
| 170             | 25.1                | 79.8            | 18,900               |                     |                  |                      |                     |                  |                      | 170                 |                     |
| 140             | 40                  | 80.9            | 194.7                | 43,600*             |                  |                      |                     |                  |                      |                     | 40                  |
|                 | 45                  | 79.3            | 193.7                | 42,700*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 77.8            | 192.6                | 41,800*             | 80.4             | 191.3                | 37,700*             |                  |                      |                     | 50                  |
|                 | 55                  | 76.2            | 191.3                | 40,900*             | 78.8             | 190.0                | 37,000*             |                  |                      |                     | 55                  |
|                 | 60                  | 74.7            | 189.8                | 40,000*             | 77.3             | 188.5                | 36,300*             | 79.9             | 185.6                | 32,500*             | 60                  |
|                 | 65                  | 73.1            | 188.2                | 39,300*             | 75.7             | 186.9                | 35,700*             | 78.3             | 184.0                | 31,200*             | 65                  |
|                 | 70                  | 71.5            | 186.5                | 38,500*             | 74.1             | 185.1                | 35,200*             | 76.7             | 182.2                | 30,000*             | 70                  |
|                 | 75                  | 69.9            | 184.6                | 37,800*             | 72.4             | 183.2                | 34,600*             | 75.0             | 180.3                | 29,000*             | 75                  |
|                 | 80                  | 68.2            | 182.5                | 37,100*             | 70.8             | 181.2                | 34,100*             | 73.3             | 178.1                | 28,000*             | 80                  |
|                 | 85                  | 66.6            | 180.3                | 36,400*             | 69.1             | 178.9                | 33,600*             | 71.6             | 175.8                | 27,000*             | 85                  |
|                 | 90                  | 64.9            | 177.9                | 35,800*             | 67.4             | 176.5                | 33,100*             | 69.9             | 173.4                | 26,200*             | 90                  |
|                 | 100                 | 61.5            | 172.5                | 34,700*             | 64.0             | 171.0                | 32,200*             | 66.4             | 167.8                | 24,600*             | 100                 |
|                 | 110                 | 57.9            | 166.3                | 33,600*             | 60.4             | 164.8                | 30,500*             | 62.7             | 161.4                | 23,300*             | 110                 |
|                 | 120                 | 54.2            | 159.2                | 32,700*             | 56.7             | 157.6                | 28,500*             | 58.9             | 154.1                | 22,200*             | 120                 |
| 130             | 50.3                | 151.0           | 29,700               | 52.7                | 149.3            | 26,800*              | 54.9                | 145.6            | 21,200*              | 130                 |                     |
| 140             | 46.2                | 141.6           | 26,300               | 48.5                | 139.8            | 25,300*              | 50.6                | 135.8            | 20,300*              | 140                 |                     |
| 150             | 41.7                | 130.7           | 23,400               | 44.0                | 128.7            | 23,900               | 45.9                | 124.4            | 19,600*              | 150                 |                     |
| 160             | 36.8                | 117.8           | 20,800               | 39.0                | 115.6            | 21,200               |                     |                  |                      | 160                 |                     |
| 170             | 31.2                | 102.1           | 18,600               | 33.2                | 99.5             | 18,900               |                     |                  |                      | 170                 |                     |
| 180             | 24.3                | 81.8            | 16,600               |                     |                  |                      |                     |                  |                      | 180                 |                     |

# MANITOWOC ENGINEERING CO.

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REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 50 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 150             | 45                  | 79.9            | 203.9                | 43,000*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 78.4            | 202.8                | 42,100*             | 80.9             | 201.5                | 37,900*             |                  |                      |                     | 50                  |
|                 | 55                  | 76.9            | 201.6                | 41,300*             | 79.4             | 200.3                | 37,200*             |                  |                      |                     | 55                  |
|                 | 60                  | 75.5            | 200.3                | 40,500*             | 77.9             | 198.9                | 36,600*             | 80.5             | 196.0                | 33,000*             | 60                  |
|                 | 65                  | 74.0            | 198.7                | 39,700*             | 76.4             | 197.4                | 36,000*             | 78.9             | 194.4                | 31,700*             | 65                  |
|                 | 70                  | 72.4            | 197.1                | 39,000*             | 74.9             | 195.7                | 35,500*             | 77.4             | 192.8                | 30,500*             | 70                  |
|                 | 75                  | 70.9            | 195.3                | 38,300*             | 73.4             | 193.9                | 34,900*             | 75.8             | 190.9                | 29,500*             | 75                  |
|                 | 80                  | 69.4            | 193.4                | 37,600*             | 71.8             | 192.0                | 34,400*             | 74.2             | 188.9                | 28,500*             | 80                  |
|                 | 85                  | 67.8            | 191.3                | 36,900*             | 70.2             | 189.9                | 33,900*             | 72.7             | 186.8                | 27,600*             | 85                  |
|                 | 90                  | 66.3            | 189.0                | 36,300*             | 68.7             | 187.6                | 33,500*             | 71.0             | 184.5                | 26,700*             | 90                  |
|                 | 100                 | 63.0            | 184.0                | 35,200*             | 65.4             | 182.5                | 32,600*             | 67.7             | 179.3                | 25,200*             | 100                 |
|                 | 110                 | 59.7            | 178.2                | 34,100*             | 62.1             | 176.7                | 31,500*             | 64.3             | 173.3                | 23,900*             | 110                 |
|                 | 120                 | 56.3            | 171.6                | 33,200*             | 58.6             | 170.0                | 29,500*             | 60.8             | 166.5                | 22,700*             | 120                 |
|                 | 130                 | 52.7            | 164.1                | 29,200              | 55.0             | 162.4                | 27,700*             | 57.1             | 158.8                | 21,700*             | 130                 |
|                 | 140                 | 48.9            | 155.5                | 25,800              | 51.2             | 153.7                | 26,200*             | 53.2             | 149.9                | 20,800*             | 140                 |
|                 | 150                 | 44.9            | 145.7                | 22,900              | 47.1             | 143.8                | 23,400              | 49.0             | 139.6                | 20,100*             | 150                 |
|                 | 160                 | 40.6            | 134.3                | 20,300              | 42.7             | 132.2                | 20,800              | 44.4             | 127.7                | 19,400*             | 160                 |
|                 | 170                 | 35.8            | 120.9                | 18,100              | 37.8             | 118.6                | 18,400              |                  |                      |                     | 170                 |
|                 | 180                 | 30.3            | 104.7                | 16,100              | 32.2             | 102.0                | 16,400              |                  |                      |                     | 180                 |
| 190             | 23.7                | 83.8            | 14,300               |                     |                  |                      |                     |                  |                      | 190                 |                     |
| 160             | 45                  | 80.4            | 214.1                | 43,300*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 79.0            | 213.1                | 42,500*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 77.6            | 211.9                | 41,600*             | 79.9             | 210.6                | 37,500*             |                  |                      |                     | 55                  |
|                 | 60                  | 76.2            | 210.6                | 40,900*             | 78.5             | 209.3                | 36,900*             | 80.9             | 206.3                | 33,400*             | 60                  |
|                 | 65                  | 74.7            | 209.2                | 40,100*             | 77.1             | 207.8                | 36,300*             | 79.5             | 204.9                | 32,200*             | 65                  |
|                 | 70                  | 73.3            | 207.6                | 39,400*             | 75.7             | 206.3                | 35,700*             | 78.0             | 203.3                | 31,000*             | 70                  |
|                 | 75                  | 71.9            | 205.9                | 38,700*             | 74.2             | 204.6                | 35,200*             | 76.6             | 201.5                | 30,000*             | 75                  |
|                 | 80                  | 70.4            | 204.1                | 38,000*             | 72.7             | 202.7                | 34,700*             | 75.1             | 199.6                | 29,000*             | 80                  |
|                 | 85                  | 69.0            | 202.1                | 37,400*             | 71.3             | 200.7                | 34,200*             | 73.6             | 197.6                | 28,100*             | 85                  |
|                 | 90                  | 67.5            | 200.0                | 36,800*             | 69.8             | 198.5                | 33,800*             | 72.0             | 195.4                | 27,200*             | 90                  |
|                 | 100                 | 64.4            | 195.2                | 35,700*             | 66.7             | 193.8                | 32,900*             | 68.9             | 190.6                | 25,700*             | 100                 |
|                 | 110                 | 61.3            | 189.8                | 34,600*             | 63.6             | 188.3                | 32,100*             | 65.8             | 185.0                | 24,400*             | 110                 |
|                 | 120                 | 58.1            | 183.7                | 32,800              | 60.4             | 182.1                | 30,500*             | 62.5             | 178.7                | 23,200*             | 120                 |
|                 | 130                 | 54.8            | 176.7                | 28,800              | 57.0             | 175.0                | 28,700*             | 59.0             | 171.5                | 22,200*             | 130                 |
|                 | 140                 | 51.3            | 168.8                | 25,400              | 53.5             | 167.1                | 26,000              | 55.4             | 163.3                | 21,300*             | 140                 |
|                 | 150                 | 47.7            | 159.8                | 22,400              | 49.8             | 158.0                | 23,000              | 51.6             | 154.0                | 20,500*             | 150                 |
|                 | 160                 | 43.8            | 149.6                | 19,900              | 45.8             | 147.6                | 20,400              | 47.6             | 143.4                | 19,800*             | 160                 |
|                 | 170                 | 39.5            | 137.8                | 17,700              | 41.5             | 135.7                | 18,100              | 43.1             | 131.0                | 18,400              | 170                 |
|                 | 180                 | 34.9            | 124.0                | 15,700              | 36.8             | 121.6                | 16,000              |                  |                      |                     | 180                 |
| 190             | 29.5                | 107.2           | 13,900               | 31.3                | 104.4            | 14,100               |                     |                  |                      | 190                 |                     |
| 200             | 23.1                | 85.7            | 12,200               |                     |                  |                      |                     |                  |                      | 200                 |                     |
| 170             | 45                  | 80.8            | 224.3                | 43,600*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 79.5            | 223.3                | 42,800*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 78.2            | 222.2                | 42,000*             | 80.4             | 220.8                | 37,700*             |                  |                      |                     | 55                  |
|                 | 60                  | 76.8            | 221.0                | 41,200*             | 79.1             | 219.6                | 37,100*             |                  |                      |                     | 60                  |
|                 | 65                  | 75.5            | 219.6                | 40,500*             | 77.7             | 218.2                | 36,500*             | 80.0             | 215.2                | 32,600*             | 65                  |
|                 | 70                  | 74.1            | 218.1                | 39,800*             | 76.3             | 216.7                | 36,000*             | 78.6             | 213.7                | 31,500*             | 70                  |
|                 | 75                  | 72.7            | 216.5                | 39,100*             | 75.0             | 215.1                | 35,500*             | 77.2             | 212.1                | 30,400*             | 75                  |
|                 | 80                  | 71.4            | 214.8                | 38,500*             | 73.6             | 213.4                | 35,000*             | 75.8             | 210.3                | 29,500*             | 80                  |
|                 | 85                  | 70.0            | 212.9                | 37,800*             | 72.2             | 211.5                | 34,500*             | 74.4             | 208.4                | 28,600*             | 85                  |
|                 | 90                  | 68.6            | 210.9                | 37,200*             | 70.8             | 209.4                | 34,100*             | 72.9             | 206.3                | 27,700*             | 90                  |
|                 | 100                 | 65.7            | 206.4                | 36,100*             | 67.9             | 204.9                | 33,200*             | 70.0             | 201.7                | 26,200*             | 100                 |
|                 | 110                 | 62.8            | 201.3                | 35,100*             | 64.9             | 199.8                | 32,500*             | 67.0             | 196.5                | 24,900*             | 110                 |
|                 | 120                 | 59.8            | 195.5                | 32,500              | 61.9             | 193.9                | 31,400*             | 63.9             | 190.5                | 23,700*             | 120                 |
|                 | 130                 | 56.7            | 189.0                | 28,500              | 58.8             | 187.4                | 29,300              | 60.7             | 183.8                | 22,700*             | 130                 |
|                 | 140                 | 53.4            | 181.6                | 25,000              | 55.5             | 180.0                | 25,800              | 57.4             | 176.3                | 21,800*             | 140                 |
|                 | 150                 | 50.0            | 173.4                | 22,100              | 52.1             | 171.6                | 22,700              | 53.9             | 167.7                | 21,000*             | 150                 |
|                 | 160                 | 46.5            | 164.0                | 19,600              | 48.5             | 162.2                | 20,100              | 50.2             | 158.0                | 20,300*             | 160                 |
|                 | 170                 | 42.7            | 153.4                | 17,300              | 44.6             | 151.4                | 17,800              | 46.2             | 147.0                | 18,200              | 170                 |
|                 | 180                 | 38.6            | 141.2                | 15,400              | 40.4             | 139.0                | 15,700              |                  |                      |                     | 180                 |
| 190             | 34.0                | 126.9           | 13,600               | 35.8                | 124.5            | 13,900               |                     |                  |                      | 190                 |                     |
| 200             | 28.8                | 109.7           | 12,000               |                     |                  |                      |                     |                  |                      | 200                 |                     |
| 210             | 22.5                | 87.6            | 10,500               |                     |                  |                      |                     |                  |                      | 210                 |                     |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 50 FOOT JIB

| BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RAD.<br>FEET | 5 DEGREE OFFSET      |                               |                               | 15 DEGREE OFFSET     |                               |                               | 25 DEGREE OFFSET     |                               |                               | JIB<br>OPER.<br>RAD.<br>FEET |
|-----------------------|------------------------------|----------------------|-------------------------------|-------------------------------|----------------------|-------------------------------|-------------------------------|----------------------|-------------------------------|-------------------------------|------------------------------|
|                       |                              | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACI<br>TY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACI<br>TY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACI<br>TY<br>POUNDS |                              |
| 180                   | 50                           | 79.9                 | 233.5                         | 43,100*                       |                      |                               |                               |                      |                               |                               | 50                           |
|                       | 55                           | 78.7                 | 232.5                         | 42,300*                       | 80.8                 | 231.1                         | 37,800*                       |                      |                               |                               | 55                           |
|                       | 60                           | 77.4                 | 231.3                         | 41,600*                       | 79.6                 | 229.9                         | 37,300*                       |                      |                               |                               | 60                           |
|                       | 65                           | 76.1                 | 230.0                         | 40,800*                       | 78.3                 | 228.6                         | 36,700*                       | 80.5                 | 225.6                         | 33,000*                       | 65                           |
|                       | 70                           | 74.8                 | 228.6                         | 40,100*                       | 77.0                 | 227.2                         | 36,200*                       | 79.1                 | 224.1                         | 31,900*                       | 70                           |
|                       | 75                           | 73.5                 | 227.0                         | 39,500*                       | 75.6                 | 225.6                         | 35,700*                       | 77.8                 | 222.6                         | 30,800*                       | 75                           |
|                       | 80                           | 72.2                 | 225.4                         | 38,800*                       | 74.3                 | 224.0                         | 35,200*                       | 76.5                 | 220.9                         | 29,900*                       | 80                           |
|                       | 85                           | 70.9                 | 223.6                         | 38,200*                       | 73.0                 | 222.2                         | 34,800*                       | 75.1                 | 219.0                         | 29,000*                       | 85                           |
|                       | 90                           | 69.5                 | 221.7                         | 37,700*                       | 71.6                 | 220.2                         | 34,300*                       | 73.7                 | 217.1                         | 28,200*                       | 90                           |
|                       | 100                          | 66.8                 | 217.4                         | 36,600*                       | 68.9                 | 215.9                         | 33,500*                       | 71.0                 | 212.7                         | 26,700*                       | 100                          |
|                       | 110                          | 64.1                 | 212.6                         | 35,500*                       | 66.1                 | 211.1                         | 32,800*                       | 68.1                 | 207.8                         | 25,400*                       | 110                          |
|                       | 120                          | 61.2                 | 207.1                         | 32,000                        | 63.3                 | 205.6                         | 32,100*                       | 65.2                 | 202.2                         | 24,200*                       | 120                          |
|                       | 130                          | 58.3                 | 201.0                         | 28,000                        | 60.3                 | 199.4                         | 28,900                        | 62.2                 | 195.9                         | 23,100*                       | 130                          |
|                       | 140                          | 55.3                 | 194.1                         | 24,600                        | 57.3                 | 192.5                         | 25,400                        | 59.1                 | 188.8                         | 22,200*                       | 140                          |
|                       | 150                          | 52.1                 | 186.5                         | 21,700                        | 54.1                 | 184.7                         | 22,300                        | 55.9                 | 180.9                         | 21,400*                       | 150                          |
|                       | 160                          | 48.8                 | 177.8                         | 19,100                        | 50.8                 | 176.0                         | 19,700                        | 52.5                 | 172.0                         | 20,200                        | 160                          |
|                       | 170                          | 45.4                 | 168.1                         | 16,900                        | 47.3                 | 166.2                         | 17,400                        | 48.9                 | 161.9                         | 17,800                        | 170                          |
|                       | 180                          | 41.7                 | 157.1                         | 14,900                        | 43.5                 | 155.1                         | 15,400                        | 45.0                 | 150.5                         | 15,700                        | 180                          |
|                       | 190                          | 37.7                 | 144.5                         | 13,100                        | 39.4                 | 142.3                         | 13,500                        |                      |                               |                               | 190                          |
|                       | 200                          | 33.2                 | 129.8                         | 11,600                        | 34.9                 | 127.3                         | 11,900                        |                      |                               |                               | 200                          |
|                       | 210                          | 28.1                 | 112.1                         | 10,100                        |                      |                               |                               |                      |                               |                               | 210                          |
|                       | 220                          | 22.0                 | 89.5                          | 8,800                         |                      |                               |                               |                      |                               |                               | 220                          |
| 190                   | 50                           | 80.4                 | 243.7                         | 43,400*                       |                      |                               |                               |                      |                               |                               | 50                           |
|                       | 55                           | 79.2                 | 242.7                         | 42,600*                       |                      |                               |                               |                      |                               |                               | 55                           |
|                       | 60                           | 77.9                 | 241.6                         | 41,900*                       | 80.0                 | 240.2                         | 37,500*                       |                      |                               |                               | 60                           |
|                       | 65                           | 76.7                 | 240.3                         | 41,200*                       | 78.8                 | 238.9                         | 37,000*                       | 80.9                 | 235.9                         | 33,300*                       | 65                           |
|                       | 70                           | 75.5                 | 239.0                         | 40,500*                       | 77.5                 | 237.6                         | 36,400*                       | 79.6                 | 234.5                         | 32,300*                       | 70                           |
|                       | 75                           | 74.2                 | 237.5                         | 39,800*                       | 76.3                 | 236.1                         | 36,000*                       | 78.3                 | 233.0                         | 31,300*                       | 75                           |
|                       | 80                           | 73.0                 | 235.9                         | 39,200*                       | 75.0                 | 234.5                         | 35,500*                       | 77.1                 | 231.4                         | 30,300*                       | 80                           |
|                       | 85                           | 71.7                 | 234.2                         | 38,600*                       | 73.7                 | 232.8                         | 35,000*                       | 75.8                 | 229.6                         | 29,400*                       | 85                           |
|                       | 90                           | 70.4                 | 232.4                         | 38,000*                       | 72.5                 | 230.9                         | 34,600*                       | 74.5                 | 227.8                         | 28,600*                       | 90                           |
|                       | 100                          | 67.9                 | 228.3                         | 37,000*                       | 69.9                 | 226.9                         | 33,800*                       | 71.8                 | 223.6                         | 27,100*                       | 100                          |
|                       | 110                          | 65.2                 | 223.8                         | 36,000*                       | 67.2                 | 222.2                         | 33,000*                       | 69.2                 | 218.9                         | 25,800*                       | 110                          |
|                       | 120                          | 62.5                 | 218.6                         | 31,500                        | 64.5                 | 217.0                         | 32,400*                       | 66.4                 | 213.7                         | 24,600*                       | 120                          |
|                       | 130                          | 59.8                 | 212.8                         | 27,500                        | 61.7                 | 211.2                         | 28,400                        | 63.6                 | 207.7                         | 23,600*                       | 130                          |
|                       | 140                          | 56.9                 | 206.4                         | 24,100                        | 58.9                 | 204.7                         | 24,900                        | 60.7                 | 201.1                         | 22,700*                       | 140                          |
|                       | 150                          | 54.0                 | 199.2                         | 21,200                        | 55.9                 | 197.5                         | 21,900                        | 57.6                 | 193.7                         | 21,800*                       | 150                          |
|                       | 160                          | 50.9                 | 191.2                         | 18,600                        | 52.8                 | 189.4                         | 19,200                        | 54.5                 | 185.5                         | 19,800                        | 160                          |
|                       | 170                          | 47.7                 | 182.2                         | 16,400                        | 49.6                 | 180.3                         | 16,900                        | 51.2                 | 176.2                         | 17,400                        | 170                          |
|                       | 180                          | 44.3                 | 172.1                         | 14,400                        | 46.1                 | 170.1                         | 14,900                        | 47.6                 | 165.8                         | 15,300                        | 180                          |
|                       | 190                          | 40.7                 | 160.8                         | 12,600                        | 42.5                 | 158.6                         | 13,000                        | 43.9                 | 153.9                         | 13,400                        | 190                          |
|                       | 200                          | 36.8                 | 147.8                         | 11,000                        | 38.5                 | 145.4                         | 11,400                        |                      |                               |                               | 200                          |
|                       | 210                          | 32.5                 | 132.7                         | 9,600                         | 34.1                 | 130.0                         | 9,900                         |                      |                               |                               | 210                          |
|                       | 220                          | 27.5                 | 114.5                         | 8,300                         |                      |                               |                               |                      |                               |                               | 220                          |
| 230                   | 21.5                         | 91.3                 | 7,100                         |                               |                      |                               |                               |                      |                               | 230                           |                              |
| 200                   | 50                           | 80.8                 | 253.9                         | 43,600*                       |                      |                               |                               |                      |                               |                               | 50                           |
|                       | 55                           | 79.6                 | 252.9                         | 42,900*                       |                      |                               |                               |                      |                               |                               | 55                           |
|                       | 60                           | 78.4                 | 251.8                         | 42,200*                       | 80.4                 | 250.4                         | 37,700*                       |                      |                               |                               | 60                           |
|                       | 65                           | 77.2                 | 250.6                         | 41,500*                       | 79.2                 | 249.2                         | 37,100*                       |                      |                               |                               | 65                           |
|                       | 70                           | 76.1                 | 249.4                         | 40,800*                       | 78.0                 | 247.9                         | 36,700*                       | 80.0                 | 244.8                         | 32,600*                       | 70                           |
|                       | 75                           | 74.9                 | 247.9                         | 40,200*                       | 76.8                 | 246.5                         | 36,200*                       | 78.8                 | 243.4                         | 31,600*                       | 75                           |
|                       | 80                           | 73.7                 | 246.4                         | 39,600*                       | 75.6                 | 245.0                         | 35,700*                       | 77.6                 | 241.9                         | 30,700*                       | 80                           |
|                       | 85                           | 72.5                 | 244.8                         | 39,000*                       | 74.4                 | 243.3                         | 35,300*                       | 76.4                 | 240.2                         | 29,800*                       | 85                           |
|                       | 90                           | 71.3                 | 243.1                         | 38,400*                       | 73.2                 | 241.6                         | 34,900*                       | 75.1                 | 238.4                         | 29,000*                       | 90                           |
|                       | 100                          | 68.8                 | 239.2                         | 37,300*                       | 70.7                 | 237.7                         | 34,100*                       | 72.6                 | 234.5                         | 27,600*                       | 100                          |
|                       | 110                          | 66.3                 | 234.8                         | 35,900                        | 68.2                 | 233.3                         | 33,300*                       | 70.1                 | 230.0                         | 26,200*                       | 110                          |
|                       | 120                          | 63.7                 | 229.9                         | 31,100                        | 65.6                 | 228.4                         | 32,200                        | 67.5                 | 225.0                         | 25,100*                       | 120                          |
|                       | 130                          | 61.1                 | 224.4                         | 27,000                        | 63.0                 | 222.9                         | 28,000                        | 64.8                 | 219.4                         | 24,000*                       | 130                          |
|                       | 140                          | 58.4                 | 218.3                         | 23,600                        | 60.3                 | 216.7                         | 24,500                        | 62.0                 | 213.1                         | 23,100*                       | 140                          |
|                       | 150                          | 55.7                 | 211.6                         | 20,700                        | 57.5                 | 209.9                         | 21,500                        | 59.2                 | 206.2                         | 22,200                        | 150                          |
|                       | 160                          | 52.8                 | 204.1                         | 18,100                        | 54.6                 | 202.3                         | 18,800                        | 56.2                 | 198.5                         | 19,400                        | 160                          |
|                       | 170                          | 49.8                 | 195.7                         | 15,900                        | 51.6                 | 193.9                         | 16,500                        | 53.2                 | 189.9                         | 17,000                        | 170                          |
|                       | 180                          | 46.7                 | 186.4                         | 13,900                        | 48.4                 | 184.5                         | 14,500                        | 49.9                 | 180.3                         | 14,900                        | 180                          |
|                       | 190                          | 43.4                 | 176.1                         | 12,200                        | 45.1                 | 174.0                         | 12,600                        | 46.5                 | 169.5                         | 13,000                        | 190                          |
|                       | 200                          | 39.8                 | 164.3                         | 10,600                        | 41.5                 | 162.1                         | 11,000                        | 42.8                 | 157.3                         | 11,300                        | 200                          |
|                       | 210                          | 36.0                 | 151.0                         | 9,100                         | 37.6                 | 148.5                         | 9,500                         |                      |                               |                               | 210                          |
|                       | 220                          | 31.8                 | 135.4                         | 7,800                         | 33.3                 | 132.7                         | 8,100                         |                      |                               |                               | 220                          |
| 230                   | 26.9                         | 116.8                | 6,600                         |                               |                      |                               |                               |                      |                               | 230                           |                              |
| 240                   | 21.0                         | 93.0                 | 5,500                         |                               |                      |                               |                               |                      |                               | 240                           |                              |



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 2**

**JIB NO. 134 WITH 12'6" STRUT ON  
 BOOM NO. 22EL  
 179,100 LB. CRANE COUNTERWEIGHT  
 44,000 LB. CARBODY COUNTERWEIGHT  
 28'2" CRAWLERS EXTENDED  
 360 DEGREE RATING**

**50 FOOT JIB**

| BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RAD.<br>FEET | 5 DEGREE OFFSET      |                               |                               | 15 DEGREE OFFSET     |                               |                               | 25 DEGREE OFFSET     |                               |                               | JIB<br>OPER.<br>RAD.<br>FEET |
|-----------------------|------------------------------|----------------------|-------------------------------|-------------------------------|----------------------|-------------------------------|-------------------------------|----------------------|-------------------------------|-------------------------------|------------------------------|
|                       |                              | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACI<br>TY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACI<br>TY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACI<br>TY<br>POUNDS |                              |
| 210                   | 55                           | 80.0                 | 263.1                         | 43,100*                       |                      |                               |                               |                      |                               |                               | 55                           |
|                       | 60                           | 78.9                 | 262.1                         | 42,400*                       | 80.8                 | 260.6                         | 37,800*                       |                      |                               |                               | 60                           |
|                       | 65                           | 77.7                 | 260.9                         | 41,800*                       | 79.7                 | 259.5                         | 37,300*                       |                      |                               |                               | 65                           |
|                       | 70                           | 76.6                 | 259.7                         | 41,100*                       | 78.5                 | 258.3                         | 36,800*                       | 80.4                 | 255.1                         | 33,000*                       | 70                           |
|                       | 75                           | 75.5                 | 258.3                         | 40,500*                       | 77.4                 | 256.9                         | 36,400*                       | 79.3                 | 253.8                         | 32,000*                       | 75                           |
|                       | 80                           | 74.3                 | 256.9                         | 39,900*                       | 76.2                 | 255.4                         | 35,900*                       | 78.1                 | 252.3                         | 31,100*                       | 80                           |
|                       | 85                           | 73.2                 | 255.3                         | 39,300*                       | 75.0                 | 253.9                         | 35,500*                       | 76.9                 | 250.7                         | 30,200*                       | 85                           |
|                       | 90                           | 72.0                 | 253.7                         | 38,800*                       | 73.9                 | 252.2                         | 35,100*                       | 75.8                 | 249.0                         | 29,400*                       | 90                           |
|                       | 100                          | 69.7                 | 250.0                         | 37,700*                       | 71.5                 | 248.5                         | 34,300*                       | 73.4                 | 245.2                         | 28,000*                       | 100                          |
|                       | 110                          | 67.3                 | 245.8                         | 35,600                        | 69.1                 | 244.3                         | 33,600*                       | 70.9                 | 241.0                         | 26,700*                       | 110                          |
|                       | 120                          | 64.8                 | 241.1                         | 30,700                        | 66.7                 | 239.6                         | 31,800                        | 68.4                 | 236.2                         | 25,500*                       | 120                          |
|                       | 130                          | 62.3                 | 235.9                         | 26,700                        | 64.2                 | 234.3                         | 27,700                        | 65.9                 | 230.9                         | 24,400*                       | 130                          |
|                       | 140                          | 59.8                 | 230.1                         | 23,300                        | 61.6                 | 228.5                         | 24,100                        | 63.3                 | 225.0                         | 23,500*                       | 140                          |
|                       | 150                          | 57.2                 | 223.7                         | 20,300                        | 59.0                 | 222.1                         | 21,100                        | 60.6                 | 218.4                         | 21,900                        | 150                          |
|                       | 160                          | 54.5                 | 216.7                         | 17,800                        | 56.2                 | 214.9                         | 18,500                        | 57.8                 | 211.2                         | 19,100                        | 160                          |
|                       | 170                          | 51.7                 | 208.9                         | 15,500                        | 53.4                 | 207.1                         | 16,200                        | 55.0                 | 203.1                         | 16,800                        | 170                          |
| 180                   | 48.8                         | 200.2                | 13,600                        | 50.5                          | 198.3                | 14,100                        | 52.0                          | 194.2                | 14,600                        | 180                           |                              |
| 190                   | 45.7                         | 190.6                | 11,800                        | 47.4                          | 188.6                | 12,300                        | 48.8                          | 184.3                | 12,700                        | 190                           |                              |
| 200                   | 42.5                         | 179.9                | 10,200                        | 44.1                          | 177.8                | 10,700                        | 45.4                          | 173.1                | 11,000                        | 200                           |                              |
| 210                   | 39.0                         | 167.8                | 8,800                         | 40.6                          | 165.5                | 9,200                         |                               |                      |                               | 210                           |                              |
| 220                   | 35.3                         | 154.1                | 7,500                         | 36.8                          | 151.6                | 7,800                         |                               |                      |                               | 220                           |                              |
| 230                   | 31.1                         | 138.1                | 6,300                         | 32.6                          | 135.3                | 6,600                         |                               |                      |                               | 230                           |                              |
| 240                   | 26.4                         | 119.0                | 5,200                         |                               |                      |                               |                               |                      |                               | 240                           |                              |
| 220                   | 55                           | 80.4                 | 273.3                         | 43,400*                       |                      |                               |                               |                      |                               |                               | 55                           |
|                       | 60                           | 79.3                 | 272.3                         | 42,700*                       |                      |                               |                               |                      |                               |                               | 60                           |
|                       | 65                           | 78.2                 | 271.2                         | 42,000*                       | 80.0                 | 269.8                         | 37,500*                       |                      |                               |                               | 65                           |
|                       | 70                           | 77.1                 | 270.0                         | 41,400*                       | 78.9                 | 268.6                         | 37,000*                       | 80.8                 | 265.4                         | 33,300*                       | 70                           |
|                       | 75                           | 76.0                 | 268.7                         | 40,800*                       | 77.8                 | 267.3                         | 36,600*                       | 79.7                 | 264.1                         | 32,300*                       | 75                           |
|                       | 80                           | 74.9                 | 267.3                         | 40,200*                       | 76.7                 | 265.9                         | 36,100*                       | 78.6                 | 262.7                         | 31,400*                       | 80                           |
|                       | 85                           | 73.8                 | 265.8                         | 39,700*                       | 75.6                 | 264.4                         | 35,700*                       | 77.4                 | 261.2                         | 30,600*                       | 85                           |
|                       | 90                           | 72.7                 | 264.2                         | 39,100*                       | 74.5                 | 262.7                         | 35,300*                       | 76.3                 | 259.5                         | 29,800*                       | 90                           |
|                       | 100                          | 70.4                 | 260.7                         | 38,100*                       | 72.2                 | 259.2                         | 34,500*                       | 74.0                 | 255.9                         | 28,300*                       | 100                          |
|                       | 110                          | 68.2                 | 256.7                         | 35,100                        | 69.9                 | 255.2                         | 33,800*                       | 71.7                 | 251.9                         | 27,000*                       | 110                          |
|                       | 120                          | 65.8                 | 252.2                         | 30,300                        | 67.6                 | 250.7                         | 31,400                        | 69.3                 | 247.3                         | 25,900*                       | 120                          |
|                       | 130                          | 63.5                 | 247.3                         | 26,200                        | 65.2                 | 245.7                         | 27,300                        | 66.9                 | 242.2                         | 24,800*                       | 130                          |
|                       | 140                          | 61.0                 | 241.8                         | 22,800                        | 62.8                 | 240.1                         | 23,700                        | 64.4                 | 236.6                         | 23,900*                       | 140                          |
|                       | 150                          | 58.6                 | 235.7                         | 19,900                        | 60.3                 | 234.0                         | 20,700                        | 61.9                 | 230.4                         | 21,500                        | 150                          |
|                       | 160                          | 56.0                 | 229.0                         | 17,300                        | 57.7                 | 227.3                         | 18,100                        | 59.3                 | 223.6                         | 18,800                        | 160                          |
|                       | 170                          | 53.4                 | 221.6                         | 15,100                        | 55.0                 | 219.9                         | 15,800                        | 56.6                 | 216.0                         | 16,400                        | 170                          |
| 180                   | 50.6                         | 213.5                | 13,100                        | 52.3                          | 211.7                | 13,700                        | 53.7                          | 207.7                | 14,300                        | 180                           |                              |
| 190                   | 47.8                         | 204.6                | 11,300                        | 49.4                          | 202.6                | 11,900                        | 50.8                          | 198.4                | 12,400                        | 190                           |                              |
| 200                   | 44.8                         | 194.6                | 9,800                         | 46.4                          | 192.6                | 10,200                        | 47.7                          | 188.2                | 10,600                        | 200                           |                              |
| 210                   | 41.6                         | 183.6                | 8,300                         | 43.2                          | 181.4                | 8,800                         | 44.4                          | 176.7                | 9,100                         | 210                           |                              |
| 220                   | 38.2                         | 171.2                | 7,000                         | 39.8                          | 168.9                | 7,400                         |                               |                      |                               | 220                           |                              |
| 230                   | 34.6                         | 157.1                | 5,800                         | 36.0                          | 154.6                | 6,200                         |                               |                      |                               | 230                           |                              |
| 240                   | 30.5                         | 140.8                | 4,800                         | 31.9                          | 137.9                | 5,000                         |                               |                      |                               | 240                           |                              |
| 230                   | 55                           | 80.7                 | 283.4                         | 43,600*                       |                      |                               |                               |                      |                               |                               | 55                           |
|                       | 60                           | 79.7                 | 282.5                         | 43,000*                       |                      |                               |                               |                      |                               |                               | 60                           |
|                       | 65                           | 78.6                 | 281.4                         | 42,300*                       | 80.4                 | 280.0                         | 37,700*                       |                      |                               |                               | 65                           |
|                       | 70                           | 77.6                 | 280.3                         | 41,700*                       | 79.4                 | 278.8                         | 37,200*                       |                      |                               |                               | 70                           |
|                       | 75                           | 76.5                 | 279.1                         | 41,100*                       | 78.3                 | 277.6                         | 36,800*                       | 80.1                 | 274.4                         | 32,700*                       | 75                           |
|                       | 80                           | 75.5                 | 277.7                         | 40,500*                       | 77.2                 | 276.2                         | 36,300*                       | 79.0                 | 273.1                         | 31,800*                       | 80                           |
|                       | 85                           | 74.4                 | 276.3                         | 40,000*                       | 76.2                 | 274.8                         | 35,900*                       | 77.9                 | 271.6                         | 30,900*                       | 85                           |
|                       | 90                           | 73.3                 | 274.7                         | 39,400*                       | 75.1                 | 273.2                         | 35,500*                       | 76.8                 | 270.0                         | 30,200*                       | 90                           |
|                       | 100                          | 71.2                 | 271.3                         | 38,400*                       | 72.9                 | 269.8                         | 34,800*                       | 74.6                 | 266.6                         | 28,700*                       | 100                          |
|                       | 110                          | 69.0                 | 267.5                         | 34,600                        | 70.7                 | 266.0                         | 34,100*                       | 72.4                 | 262.7                         | 27,400*                       | 110                          |
|                       | 120                          | 66.8                 | 263.2                         | 29,800                        | 68.5                 | 261.7                         | 31,000                        | 70.1                 | 258.3                         | 26,300*                       | 120                          |
|                       | 130                          | 64.5                 | 258.5                         | 25,700                        | 66.2                 | 256.9                         | 26,800                        | 67.8                 | 253.5                         | 25,200*                       | 130                          |
|                       | 140                          | 62.2                 | 253.2                         | 22,300                        | 63.9                 | 251.6                         | 23,300                        | 65.5                 | 248.1                         | 24,200                        | 140                          |
|                       | 150                          | 59.8                 | 247.5                         | 19,400                        | 61.5                 | 245.8                         | 20,200                        | 63.0                 | 242.2                         | 21,100                        | 150                          |
|                       | 160                          | 57.4                 | 241.1                         | 16,800                        | 59.0                 | 239.4                         | 17,600                        | 60.6                 | 235.7                         | 18,300                        | 160                          |
|                       | 170                          | 54.9                 | 234.1                         | 14,600                        | 56.5                 | 232.4                         | 15,300                        | 58.0                 | 228.6                         | 15,900                        | 170                          |
| 180                   | 52.3                         | 226.5                | 12,600                        | 53.9                          | 224.7                | 13,200                        | 55.4                          | 220.7                | 13,800                        | 180                           |                              |
| 190                   | 49.6                         | 218.1                | 10,800                        | 51.2                          | 216.2                | 11,400                        | 52.6                          | 212.1                | 11,900                        | 190                           |                              |
| 200                   | 46.9                         | 208.8                | 9,200                         | 48.4                          | 206.9                | 9,800                         | 49.7                          | 202.5                | 10,200                        | 200                           |                              |
| 210                   | 43.9                         | 198.6                | 7,800                         | 45.4                          | 196.5                | 8,300                         | 46.7                          | 192.0                | 8,600                         | 210                           |                              |
| 220                   | 40.8                         | 187.3                | 6,500                         | 42.3                          | 185.0                | 6,900                         | 43.5                          | 180.2                | 7,200                         | 220                           |                              |
| 230                   | 37.5                         | 174.5                | 5,300                         | 39.0                          | 172.1                | 5,700                         |                               |                      |                               | 230                           |                              |
| 240                   | 33.9                         | 160.1                | 4,200                         | 35.3                          | 157.5                | 4,500                         |                               |                      |                               | 240                           |                              |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 50 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 240             | 60                  | 80.0            | 292.7                | 43,200*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 79.0            | 291.7                | 42,600*             | 80.7             | 290.2                | 37,800*             |                  |                      |                     | 65                  |
|                 | 70                  | 78.0            | 290.6                | 42,000*             | 79.7             | 289.1                | 37,400*             |                  |                      |                     | 70                  |
|                 | 75                  | 77.0            | 289.4                | 41,400*             | 78.7             | 287.9                | 36,900*             | 80.4             | 284.7                | 33,000*             | 75                  |
|                 | 80                  | 76.0            | 288.1                | 40,800*             | 77.7             | 286.6                | 36,500*             | 79.4             | 283.4                | 32,100*             | 80                  |
|                 | 85                  | 75.0            | 286.7                | 40,300*             | 76.7             | 285.2                | 36,100*             | 78.4             | 282.0                | 31,300*             | 85                  |
|                 | 90                  | 73.9            | 285.2                | 39,700*             | 75.6             | 283.7                | 35,700*             | 77.3             | 280.5                | 30,500*             | 90                  |
|                 | 100                 | 71.9            | 281.9                | 38,700*             | 73.5             | 280.4                | 35,000*             | 75.2             | 277.2                | 29,100*             | 100                 |
|                 | 110                 | 69.7            | 278.3                | 34,200              | 71.4             | 276.7                | 34,300*             | 73.1             | 273.4                | 27,800*             | 110                 |
|                 | 120                 | 67.6            | 274.2                | 29,300              | 69.3             | 272.6                | 30,600              | 70.9             | 269.2                | 26,600*             | 120                 |
|                 | 130                 | 65.4            | 269.6                | 25,300              | 67.1             | 268.0                | 26,400              | 68.7             | 264.6                | 25,600*             | 130                 |
|                 | 140                 | 63.2            | 264.6                | 21,800              | 64.9             | 263.0                | 22,800              | 66.4             | 259.5                | 23,800              | 140                 |
|                 | 150                 | 61.0            | 259.1                | 18,900              | 62.6             | 257.4                | 19,800              | 64.1             | 253.9                | 20,700              | 150                 |
|                 | 160                 | 58.7            | 253.0                | 16,300              | 60.3             | 251.3                | 17,200              | 61.7             | 247.7                | 17,900              | 160                 |
|                 | 170                 | 56.3            | 246.4                | 14,100              | 57.9             | 244.7                | 14,800              | 59.3             | 240.9                | 15,500              | 170                 |
|                 | 180                 | 53.8            | 239.2                | 12,100              | 55.4             | 237.4                | 12,800              | 56.8             | 233.5                | 13,400              | 180                 |
|                 | 190                 | 51.3            | 231.2                | 10,300              | 52.9             | 229.4                | 11,000              | 54.2             | 225.3                | 11,500              | 190                 |
|                 | 200                 | 48.7            | 222.6                | 8,800               | 50.2             | 220.6                | 9,300               | 51.5             | 216.4                | 9,800               | 200                 |
|                 | 210                 | 46.0            | 213.0                | 7,300               | 47.5             | 211.0                | 7,800               | 48.7             | 206.6                | 8,200               | 210                 |
|                 | 220                 | 43.1            | 202.5                | 6,000               | 44.6             | 200.4                | 6,500               | 45.8             | 195.7                | 6,800               | 220                 |
| 230             | 40.1                | 190.8           | 4,800                | 41.5                | 188.6            | 5,200                | 42.6                | 183.6            | 5,500                | 230                 |                     |
| 240             |                     |                 |                      | 38.2                | 175.3            | 4,100                |                     |                  |                      | 240                 |                     |
| 250             | 60                  | 80.4            | 302.9                | 43,400*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 79.4            | 301.9                | 42,800*             |                  |                      |                     |                  |                      |                     | 65                  |
|                 | 70                  | 78.4            | 300.8                | 42,200*             | 80.1             | 299.3                | 37,500*             |                  |                      |                     | 70                  |
|                 | 75                  | 77.4            | 299.7                | 41,600*             | 79.1             | 298.2                | 37,100*             | 80.8             | 295.0                | 33,200*             | 75                  |
|                 | 80                  | 76.5            | 298.4                | 41,100*             | 78.1             | 296.9                | 36,700*             | 79.8             | 293.7                | 32,400*             | 80                  |
|                 | 85                  | 75.5            | 297.1                | 40,500*             | 77.1             | 295.6                | 36,300*             | 78.8             | 292.4                | 31,600*             | 85                  |
|                 | 90                  | 74.5            | 295.6                | 40,000*             | 76.1             | 294.2                | 35,900*             | 77.8             | 290.9                | 30,800*             | 90                  |
|                 | 100                 | 72.5            | 292.5                | 39,000*             | 74.1             | 291.0                | 35,200*             | 75.7             | 287.7                | 29,400*             | 100                 |
|                 | 110                 | 70.5            | 289.0                | 34,200              | 72.1             | 287.4                | 34,500*             | 73.7             | 284.1                | 28,100*             | 110                 |
|                 | 120                 | 68.4            | 285.0                | 29,300              | 70.0             | 283.5                | 30,600              | 71.6             | 280.1                | 27,000*             | 120                 |
|                 | 130                 | 66.3            | 280.7                | 25,300              | 67.9             | 279.1                | 26,400              | 69.4             | 275.6                | 25,900*             | 130                 |
|                 | 140                 | 64.2            | 275.8                | 21,800              | 65.8             | 274.2                | 22,900              | 67.3             | 270.7                | 23,900              | 140                 |
|                 | 150                 | 62.0            | 270.6                | 18,900              | 63.6             | 268.9                | 19,800              | 65.1             | 265.4                | 20,700              | 150                 |
|                 | 160                 | 59.8            | 264.8                | 16,300              | 61.4             | 263.1                | 17,200              | 62.8             | 259.5                | 18,000              | 160                 |
|                 | 170                 | 57.6            | 258.5                | 14,100              | 59.1             | 256.8                | 14,900              | 60.5             | 253.0                | 15,600              | 170                 |
|                 | 180                 | 55.2            | 251.6                | 12,100              | 56.8             | 249.8                | 12,800              | 58.1             | 246.0                | 13,500              | 180                 |
|                 | 190                 | 52.9            | 244.1                | 10,400              | 54.4             | 242.3                | 11,000              | 55.7             | 238.3                | 11,600              | 190                 |
|                 | 200                 | 50.4            | 235.9                | 8,800               | 51.9             | 234.0                | 9,400               | 53.2             | 229.9                | 9,900               | 200                 |
|                 | 210                 | 47.8            | 226.9                | 7,400               | 49.3             | 225.0                | 7,900               | 50.5             | 220.7                | 8,300               | 210                 |
|                 | 220                 | 45.1            | 217.1                | 6,100               | 46.6             | 215.1                | 6,500               | 47.8             | 210.6                | 6,900               | 220                 |
| 230             | 42.3                | 206.3           | 4,900                | 43.7                | 204.1            | 5,300                | 44.9                | 199.4            | 5,600                | 230                 |                     |
| 240             |                     |                 |                      | 40.7                | 192.0            | 4,200                |                     |                  |                      | 240                 |                     |
| 260             | 60                  | 80.7            | 313.0                | 43,600*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 79.8            | 312.1                | 43,000*             |                  |                      |                     |                  |                      |                     | 65                  |
|                 | 70                  | 78.8            | 311.1                | 42,500*             | 80.4             | 309.6                | 37,700*             |                  |                      |                     | 70                  |
|                 | 75                  | 77.9            | 309.9                | 41,900*             | 79.5             | 308.5                | 37,200*             |                  |                      |                     | 75                  |
|                 | 80                  | 76.9            | 308.7                | 41,300*             | 78.5             | 307.2                | 36,800*             | 80.1             | 304.0                | 32,700*             | 80                  |
|                 | 85                  | 76.0            | 307.4                | 40,800*             | 77.5             | 305.9                | 36,500*             | 79.1             | 302.7                | 31,900*             | 85                  |
|                 | 90                  | 75.0            | 306.1                | 40,300*             | 76.6             | 304.6                | 36,100*             | 78.2             | 301.3                | 31,100*             | 90                  |
|                 | 100                 | 73.1            | 303.0                | 39,300*             | 74.6             | 301.5                | 35,400*             | 76.2             | 298.2                | 29,700*             | 100                 |
|                 | 110                 | 71.1            | 299.6                | 33,700              | 72.7             | 298.1                | 34,700*             | 74.2             | 294.8                | 28,500*             | 110                 |
|                 | 120                 | 69.1            | 295.8                | 28,900              | 70.7             | 294.3                | 30,200              | 72.2             | 290.9                | 27,300*             | 120                 |
|                 | 130                 | 67.1            | 291.6                | 24,800              | 68.7             | 290.0                | 26,000              | 70.2             | 286.6                | 26,300*             | 130                 |
|                 | 140                 | 65.1            | 287.0                | 21,400              | 66.6             | 285.4                | 22,500              | 68.1             | 281.9                | 23,500              | 140                 |
|                 | 150                 | 63.0            | 281.9                | 18,400              | 64.5             | 280.3                | 19,400              | 66.0             | 276.7                | 20,300              | 150                 |
|                 | 160                 | 60.9            | 276.4                | 15,900              | 62.4             | 274.7                | 16,800              | 63.8             | 271.1                | 17,600              | 160                 |
|                 | 170                 | 58.7            | 270.4                | 13,600              | 60.2             | 268.7                | 14,400              | 61.6             | 265.0                | 15,200              | 170                 |
|                 | 180                 | 56.5            | 263.8                | 11,700              | 58.0             | 262.1                | 12,400              | 59.4             | 258.2                | 13,100              | 180                 |
|                 | 190                 | 54.3            | 256.7                | 9,900               | 55.7             | 254.9                | 10,600              | 57.0             | 250.9                | 11,200              | 190                 |
|                 | 200                 | 51.9            | 248.9                | 8,300               | 53.4             | 247.0                | 8,900               | 54.6             | 243.0                | 9,500               | 200                 |
|                 | 210                 | 49.5            | 240.4                | 6,900               | 50.9             | 238.5                | 7,400               | 52.2             | 234.3                | 7,900               | 210                 |
|                 | 220                 | 47.0            | 231.2                | 5,600               | 48.4             | 229.2                | 6,100               | 49.6             | 224.8                | 6,500               | 220                 |
| 230             | 44.4                | 221.1           | 4,400                | 45.7                | 219.0            | 4,900                | 46.9                | 214.4            | 5,200                | 230                 |                     |
| 240             |                     |                 |                      |                     |                  |                      | 44.0                | 203.0            | 4,100                | 240                 |                     |



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**JIB NO. 134 WITH 12'6" STRUT ON  
 BOOM NO. 22EL  
 179,100 LB. CRANE COUNTERWEIGHT  
 44,000 LB. CARBODY COUNTERWEIGHT  
 28'2" CRAWLERS EXTENDED  
 360 DEGREE RATING**

**60 FOOT JIB**

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 90              | 35                  | 80.4            | 155.0                | 36,000*             |                  |                      |                     |                  |                      |                     | 35                  |
|                 | 40                  | 78.4            | 153.9                | 35,000*             |                  |                      |                     |                  |                      |                     | 40                  |
|                 | 45                  | 76.4            | 152.6                | 34,100*             | 80.9             | 151.6                | 29,300*             |                  |                      |                     | 45                  |
|                 | 50                  | 74.5            | 151.1                | 33,200*             | 78.9             | 150.2                | 28,600*             |                  |                      |                     | 50                  |
|                 | 55                  | 72.4            | 149.4                | 32,400*             | 76.8             | 148.5                | 27,900*             | 81.0             | 145.8                | 25,800*             | 55                  |
|                 | 60                  | 70.4            | 147.6                | 31,600*             | 74.8             | 146.7                | 27,300*             | 78.9             | 143.9                | 25,300*             | 60                  |
|                 | 65                  | 68.3            | 145.5                | 30,900*             | 72.7             | 144.6                | 26,700*             | 76.8             | 141.8                | 24,800*             | 65                  |
|                 | 70                  | 66.2            | 143.2                | 30,100*             | 70.6             | 142.4                | 26,100*             | 74.6             | 139.5                | 24,400*             | 70                  |
|                 | 75                  | 64.1            | 140.7                | 29,300*             | 68.4             | 139.9                | 25,600*             | 72.4             | 136.9                | 23,200*             | 75                  |
|                 | 80                  | 61.9            | 137.9                | 28,600*             | 66.2             | 137.1                | 25,100*             | 70.2             | 134.1                | 22,200*             | 80                  |
|                 | 85                  | 59.7            | 134.9                | 27,900*             | 64.0             | 134.1                | 24,600*             | 67.9             | 131.0                | 21,200*             | 85                  |
|                 | 90                  | 57.4            | 131.6                | 27,300*             | 61.7             | 130.8                | 24,100*             | 65.5             | 127.7                | 20,400*             | 90                  |
|                 | 100                 | 52.6            | 124.1                | 26,200*             | 56.9             | 123.4                | 23,300*             | 60.6             | 120.0                | 18,900*             | 100                 |
|                 | 110                 | 47.5            | 115.1                | 25,200*             | 51.7             | 114.4                | 22,200*             | 55.2             | 110.7                | 17,600*             | 110                 |
| 120             | 41.8                | 104.3           | 23,400*              | 46.1                | 103.6            | 20,500*              | 49.3                | 99.5             | 16,600*              | 120                 |                     |
| 130             | 35.5                | 90.9            | 21,400*              | 39.6                | 90.2             | 19,100*              | 42.5                | 85.4             | 15,800*              | 130                 |                     |
| 140             | 27.7                | 73.4            | 19,800*              | 31.8                | 72.6             | 18,000*              |                     |                  |                      | 140                 |                     |
| 100             | 35                  | 81.0            | 165.2                | 36,300*             |                  |                      |                     |                  |                      |                     | 35                  |
|                 | 40                  | 79.2            | 164.1                | 35,400*             |                  |                      |                     |                  |                      |                     | 40                  |
|                 | 45                  | 77.3            | 162.9                | 34,500*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 75.5            | 161.6                | 33,600*             | 79.6             | 160.6                | 28,800*             |                  |                      |                     | 50                  |
|                 | 55                  | 73.6            | 160.0                | 32,900*             | 77.7             | 159.0                | 28,200*             |                  |                      |                     | 55                  |
|                 | 60                  | 71.7            | 158.3                | 32,100*             | 75.8             | 157.3                | 27,600*             | 79.7             | 154.4                | 25,500*             | 60                  |
|                 | 65                  | 69.8            | 156.3                | 31,400*             | 73.9             | 155.4                | 27,000*             | 77.7             | 152.5                | 25,000*             | 65                  |
|                 | 70                  | 67.8            | 154.2                | 30,700*             | 71.9             | 153.3                | 26,500*             | 75.7             | 150.3                | 24,600*             | 70                  |
|                 | 75                  | 65.8            | 151.9                | 29,900*             | 69.9             | 151.0                | 25,900*             | 73.7             | 148.0                | 23,900*             | 75                  |
|                 | 80                  | 63.8            | 149.3                | 29,200*             | 67.9             | 148.5                | 25,400*             | 71.6             | 145.4                | 22,800*             | 80                  |
|                 | 85                  | 61.8            | 146.6                | 28,600*             | 65.8             | 145.7                | 25,000*             | 69.5             | 142.6                | 21,900*             | 85                  |
|                 | 90                  | 59.7            | 143.6                | 28,000*             | 63.7             | 142.7                | 24,500*             | 67.3             | 139.5                | 21,000*             | 90                  |
|                 | 100                 | 55.4            | 136.8                | 26,800*             | 59.4             | 135.9                | 23,700*             | 62.9             | 132.5                | 19,500*             | 100                 |
|                 | 110                 | 50.8            | 128.7                | 25,800*             | 54.8             | 127.9                | 23,000*             | 58.1             | 124.3                | 18,300*             | 110                 |
| 120             | 45.8                | 119.2           | 24,900*              | 49.8                | 118.5            | 21,500*              | 53.0                | 114.5            | 17,200*              | 120                 |                     |
| 130             | 40.4                | 107.9           | 22,900*              | 44.3                | 107.1            | 20,100*              | 47.3                | 102.7            | 16,300*              | 130                 |                     |
| 140             | 34.2                | 93.9            | 21,100*              | 38.1                | 93.1             | 18,800*              |                     |                  |                      | 140                 |                     |
| 150             | 26.8                | 75.6            | 19,600*              | 30.5                | 74.7             | 17,800*              |                     |                  |                      | 150                 |                     |
| 110             | 40                  | 79.8            | 174.4                | 35,700*             |                  |                      |                     |                  |                      |                     | 40                  |
|                 | 45                  | 78.1            | 173.2                | 34,900*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 76.3            | 172.0                | 34,000*             | 80.2             | 170.9                | 29,000*             |                  |                      |                     | 50                  |
|                 | 55                  | 74.6            | 170.5                | 33,300*             | 78.5             | 169.5                | 28,400*             |                  |                      |                     | 55                  |
|                 | 60                  | 72.8            | 168.9                | 32,600*             | 76.7             | 167.9                | 27,900*             | 80.3             | 164.9                | 25,600*             | 60                  |
|                 | 65                  | 71.0            | 167.1                | 31,900*             | 74.9             | 166.1                | 27,300*             | 78.5             | 163.1                | 25,200*             | 65                  |
|                 | 70                  | 69.2            | 165.1                | 31,200*             | 73.1             | 164.1                | 26,800*             | 76.6             | 161.1                | 24,800*             | 70                  |
|                 | 75                  | 67.4            | 162.9                | 30,500*             | 71.2             | 162.0                | 26,300*             | 74.7             | 158.9                | 24,400*             | 75                  |
|                 | 80                  | 65.5            | 160.6                | 29,800*             | 69.3             | 159.6                | 25,800*             | 72.8             | 156.5                | 23,400*             | 80                  |
|                 | 85                  | 63.6            | 158.0                | 29,200*             | 67.4             | 157.1                | 25,300*             | 70.9             | 153.9                | 22,500*             | 85                  |
|                 | 90                  | 61.7            | 155.2                | 28,500*             | 65.5             | 154.3                | 24,900*             | 68.9             | 151.1                | 21,600*             | 90                  |
|                 | 100                 | 57.7            | 149.0                | 27,400*             | 61.5             | 148.1                | 24,100*             | 64.8             | 144.7                | 20,100*             | 100                 |
|                 | 110                 | 53.5            | 141.7                | 26,400*             | 57.3             | 140.8                | 23,400*             | 60.5             | 137.2                | 18,900*             | 110                 |
|                 | 120                 | 49.1            | 133.2                | 25,500*             | 52.8             | 132.3                | 22,600*             | 55.9             | 128.5                | 17,800*             | 120                 |
| 130             | 44.3                | 123.2           | 24,300*              | 48.0                | 122.4            | 21,000*              | 50.9                | 118.2            | 16,900*              | 130                 |                     |
| 140             | 39.1                | 111.3           | 22,500*              | 42.7                | 110.5            | 19,700*              | 45.4                | 105.8            | 16,100*              | 140                 |                     |
| 150             | 33.1                | 96.7            | 20,900*              | 36.7                | 95.8             | 18,600*              |                     |                  |                      | 150                 |                     |
| 160             | 25.9                | 77.8            | 19,500*              |                     |                  |                      |                     |                  |                      | 160                 |                     |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 60 FOOT JIB

| BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RAD.<br>FEET | 5 DEGREE OFFSET      |                               |                               | 15 DEGREE OFFSET     |                               |                               | 25 DEGREE OFFSET     |                               |                               | JIB<br>OPER.<br>RAD.<br>FEET |
|-----------------------|------------------------------|----------------------|-------------------------------|-------------------------------|----------------------|-------------------------------|-------------------------------|----------------------|-------------------------------|-------------------------------|------------------------------|
|                       |                              | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACI<br>TY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACI<br>TY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACI<br>TY<br>POUNDS |                              |
| 1<br>2<br>0           | 40                           | 80.4                 | 184.6                         | 36,000*                       |                      |                               |                               |                      |                               |                               | 40                           |
|                       | 45                           | 78.8                 | 183.5                         | 35,200*                       |                      |                               |                               |                      |                               |                               | 45                           |
|                       | 50                           | 77.1                 | 182.3                         | 34,400*                       | 80.8                 | 181.2                         | 29,300*                       |                      |                               |                               | 50                           |
|                       | 55                           | 75.5                 | 180.9                         | 33,700*                       | 79.1                 | 179.9                         | 28,700*                       |                      |                               |                               | 55                           |
|                       | 60                           | 73.8                 | 179.4                         | 33,000*                       | 77.5                 | 178.3                         | 28,100*                       | 80.9                 | 175.3                         | 25,800*                       | 60                           |
|                       | 65                           | 72.1                 | 177.7                         | 32,300*                       | 75.8                 | 176.7                         | 27,600*                       | 79.2                 | 173.6                         | 25,300*                       | 65                           |
|                       | 70                           | 70.4                 | 175.9                         | 31,600*                       | 74.1                 | 174.8                         | 27,100*                       | 77.4                 | 171.7                         | 24,900*                       | 70                           |
|                       | 75                           | 68.7                 | 173.8                         | 31,000*                       | 72.3                 | 172.8                         | 26,600*                       | 75.7                 | 169.7                         | 24,600*                       | 75                           |
|                       | 80                           | 67.0                 | 171.6                         | 30,300*                       | 70.6                 | 170.6                         | 26,100*                       | 73.9                 | 167.5                         | 24,000*                       | 80                           |
|                       | 85                           | 65.2                 | 169.3                         | 29,700*                       | 68.8                 | 168.3                         | 25,700*                       | 72.1                 | 165.0                         | 23,100*                       | 85                           |
|                       | 90                           | 63.4                 | 166.7                         | 29,100*                       | 67.0                 | 165.7                         | 25,200*                       | 70.2                 | 162.4                         | 22,200*                       | 90                           |
|                       | 100                          | 59.7                 | 160.9                         | 28,000*                       | 63.3                 | 160.0                         | 24,400*                       | 66.5                 | 156.5                         | 20,700*                       | 100                          |
|                       | 110                          | 55.9                 | 154.2                         | 26,900*                       | 59.5                 | 153.3                         | 23,700*                       | 62.5                 | 149.7                         | 19,400*                       | 110                          |
|                       | 120                          | 51.9                 | 146.5                         | 26,000*                       | 55.4                 | 145.6                         | 23,100*                       | 58.4                 | 141.8                         | 18,300*                       | 120                          |
|                       | 130                          | 47.6                 | 137.5                         | 25,200*                       | 51.1                 | 136.6                         | 22,000*                       | 53.9                 | 132.6                         | 17,400*                       | 130                          |
|                       | 140                          | 43.0                 | 127.0                         | 23,800*                       | 46.5                 | 126.1                         | 20,600*                       | 49.1                 | 121.7                         | 16,600*                       | 140                          |
|                       | 150                          | 37.9                 | 114.6                         | 22,100*                       | 41.3                 | 113.7                         | 19,400*                       | 43.8                 | 108.7                         | 15,900*                       | 150                          |
| 160                   | 32.1                         | 99.5                 | 20,700*                       | 35.5                          | 98.5                 | 18,400*                       |                               |                      |                               | 160                           |                              |
| 170                   | 25.1                         | 79.9                 | 19,400*                       |                               |                      |                               |                               |                      |                               | 170                           |                              |
| 1<br>3<br>0           | 40                           | 80.9                 | 194.8                         | 36,300*                       |                      |                               |                               |                      |                               |                               | 40                           |
|                       | 45                           | 79.4                 | 193.7                         | 35,500*                       |                      |                               |                               |                      |                               |                               | 45                           |
|                       | 50                           | 77.8                 | 192.6                         | 34,700*                       |                      |                               |                               |                      |                               |                               | 50                           |
|                       | 55                           | 76.3                 | 191.3                         | 34,000*                       | 79.7                 | 190.2                         | 28,900*                       |                      |                               |                               | 55                           |
|                       | 60                           | 74.7                 | 189.9                         | 33,300*                       | 78.2                 | 188.8                         | 28,300*                       |                      |                               |                               | 60                           |
|                       | 65                           | 73.1                 | 188.3                         | 32,700*                       | 76.6                 | 187.2                         | 27,800*                       | 79.8                 | 184.1                         | 25,500*                       | 65                           |
|                       | 70                           | 71.5                 | 186.5                         | 32,000*                       | 75.0                 | 185.5                         | 27,300*                       | 78.2                 | 182.3                         | 25,100*                       | 70                           |
|                       | 75                           | 69.9                 | 184.6                         | 31,500*                       | 73.3                 | 183.6                         | 26,800*                       | 76.5                 | 180.4                         | 24,700*                       | 75                           |
|                       | 80                           | 68.3                 | 182.6                         | 30,800*                       | 71.7                 | 181.5                         | 26,400*                       | 74.8                 | 178.3                         | 24,400*                       | 80                           |
|                       | 85                           | 66.6                 | 180.3                         | 30,200*                       | 70.0                 | 179.3                         | 26,000*                       | 73.1                 | 176.0                         | 23,600*                       | 85                           |
|                       | 90                           | 64.9                 | 177.9                         | 29,600*                       | 68.3                 | 176.9                         | 25,500*                       | 71.4                 | 173.6                         | 22,800*                       | 90                           |
|                       | 100                          | 61.5                 | 172.5                         | 28,500*                       | 64.9                 | 171.6                         | 24,800*                       | 67.9                 | 168.1                         | 21,300*                       | 100                          |
|                       | 110                          | 58.0                 | 166.3                         | 27,500*                       | 61.3                 | 165.4                         | 24,100*                       | 64.3                 | 161.8                         | 20,000*                       | 110                          |
|                       | 120                          | 54.3                 | 159.2                         | 26,500*                       | 57.6                 | 158.3                         | 23,400*                       | 60.4                 | 154.5                         | 18,800*                       | 120                          |
|                       | 130                          | 50.4                 | 151.1                         | 25,700*                       | 53.7                 | 150.1                         | 22,800*                       | 56.4                 | 146.2                         | 17,900*                       | 130                          |
|                       | 140                          | 46.2                 | 141.7                         | 24,900*                       | 49.5                 | 140.7                         | 21,500*                       | 52.1                 | 136.5                         | 17,100*                       | 140                          |
|                       | 150                          | 41.7                 | 130.8                         | 23,300*                       | 45.0                 | 129.8                         | 20,200*                       | 47.4                 | 125.1                         | 16,300*                       | 150                          |
| 160                   | 36.8                         | 117.9                | 21,600*                       | 40.0                          | 116.9                | 19,200*                       | 42.3                          | 111.6                | 15,800*                       | 160                           |                              |
| 170                   | 31.2                         | 102.2                | 19,400*                       | 34.4                          | 101.1                | 18,300*                       |                               |                      |                               | 170                           |                              |
| 180                   | 24.4                         | 81.9                 | 17,400*                       |                               |                      |                               |                               |                      |                               | 180                           |                              |
| 1<br>4<br>0           | 45                           | 79.9                 | 204.0                         | 35,800*                       |                      |                               |                               |                      |                               |                               | 45                           |
|                       | 50                           | 78.4                 | 202.9                         | 35,000*                       |                      |                               |                               |                      |                               |                               | 50                           |
|                       | 55                           | 77.0                 | 201.7                         | 34,300*                       | 80.3                 | 200.5                         | 29,100*                       |                      |                               |                               | 55                           |
|                       | 60                           | 75.5                 | 200.3                         | 33,700*                       | 78.8                 | 199.2                         | 28,500*                       |                      |                               |                               | 60                           |
|                       | 65                           | 74.0                 | 198.8                         | 33,000*                       | 77.3                 | 197.7                         | 28,000*                       | 80.3                 | 194.5                         | 25,600*                       | 65                           |
|                       | 70                           | 72.5                 | 197.1                         | 32,400*                       | 75.7                 | 196.0                         | 27,600*                       | 78.8                 | 192.8                         | 25,200*                       | 70                           |
|                       | 75                           | 70.9                 | 195.4                         | 31,800*                       | 74.2                 | 194.3                         | 27,100*                       | 77.2                 | 191.0                         | 24,900*                       | 75                           |
|                       | 80                           | 69.4                 | 193.4                         | 31,300*                       | 72.7                 | 192.3                         | 26,700*                       | 75.7                 | 189.0                         | 24,600*                       | 80                           |
|                       | 85                           | 67.9                 | 191.3                         | 30,700*                       | 71.1                 | 190.2                         | 26,200*                       | 74.1                 | 186.9                         | 24,100*                       | 85                           |
|                       | 90                           | 66.3                 | 189.0                         | 30,100*                       | 69.5                 | 188.0                         | 25,800*                       | 72.5                 | 184.6                         | 23,300*                       | 90                           |
|                       | 100                          | 63.1                 | 184.0                         | 29,000*                       | 66.3                 | 183.0                         | 25,100*                       | 69.2                 | 179.5                         | 21,800*                       | 100                          |
|                       | 110                          | 59.8                 | 178.2                         | 28,000*                       | 63.0                 | 177.2                         | 24,400*                       | 65.8                 | 173.6                         | 20,500*                       | 110                          |
|                       | 120                          | 56.3                 | 171.6                         | 27,000*                       | 59.5                 | 170.6                         | 23,700*                       | 62.2                 | 166.9                         | 19,300*                       | 120                          |
|                       | 130                          | 52.7                 | 164.1                         | 26,200*                       | 55.9                 | 163.1                         | 23,200*                       | 58.5                 | 159.2                         | 18,400*                       | 130                          |
|                       | 140                          | 49.0                 | 155.5                         | 25,400*                       | 52.1                 | 154.6                         | 22,300*                       | 54.6                 | 150.4                         | 17,500*                       | 140                          |
|                       | 150                          | 45.0                 | 145.7                         | 23,800*                       | 48.1                 | 144.7                         | 21,000*                       | 50.5                 | 140.3                         | 16,800*                       | 150                          |
|                       | 160                          | 40.6                 | 134.4                         | 21,200*                       | 43.7                 | 133.4                         | 19,900*                       | 45.9                 | 128.5                         | 16,200*                       | 160                          |
| 170                   | 35.8                         | 121.0                | 19,000*                       | 38.9                          | 119.9                | 19,000*                       |                               |                      |                               | 170                           |                              |
| 180                   | 30.4                         | 104.8                | 17,000*                       | 33.3                          | 103.6                | 17,400*                       |                               |                      |                               | 180                           |                              |
| 190                   | 23.7                         | 83.9                 | 15,200*                       |                               |                      |                               |                               |                      |                               | 190                           |                              |



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 2**

**JIB NO. 134 WITH 12'6" STRUT ON  
 BOOM NO. 22EL  
 179,100 LB. CRANE COUNTERWEIGHT  
 44,000 LB. CARBODY COUNTERWEIGHT  
 28'2" CRAWLERS EXTENDED  
 360 DEGREE RATING**

**60 FOOT JIB**

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| <b>150</b>      | 45                  | 80.4            | 214.2                | 36,000*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 79.0            | 213.1                | 35,300*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 77.6            | 212.0                | 34,600*             | 80.7             | 210.8                | 29,200*             |                  |                      |                     | 55                  |
|                 | 60                  | 76.2            | 210.7                | 34,000*             | 79.3             | 209.5                | 28,700*             |                  |                      |                     | 60                  |
|                 | 65                  | 74.8            | 209.2                | 33,400*             | 77.9             | 208.1                | 28,200*             | 80.8             | 204.9                | 25,700*             | 65                  |
|                 | 70                  | 73.3            | 207.7                | 32,800*             | 76.5             | 206.5                | 27,800*             | 79.4             | 203.3                | 25,400*             | 70                  |
|                 | 75                  | 71.9            | 206.0                | 32,200*             | 75.0             | 204.9                | 27,300*             | 77.9             | 201.6                | 25,000*             | 75                  |
|                 | 80                  | 70.4            | 204.1                | 31,700*             | 73.5             | 203.0                | 26,900*             | 76.4             | 199.7                | 24,700*             | 80                  |
|                 | 85                  | 69.0            | 202.2                | 31,100*             | 72.1             | 201.1                | 26,500*             | 74.9             | 197.7                | 24,400*             | 85                  |
|                 | 90                  | 67.5            | 200.0                | 30,500*             | 70.6             | 198.9                | 26,100*             | 73.4             | 195.5                | 23,700*             | 90                  |
|                 | 100                 | 64.5            | 195.3                | 29,400*             | 67.5             | 194.2                | 25,400*             | 70.3             | 190.7                | 22,200*             | 100                 |
|                 | 110                 | 61.4            | 189.9                | 28,400*             | 64.4             | 188.8                | 24,700*             | 67.1             | 185.2                | 20,900*             | 110                 |
|                 | 120                 | 58.2            | 183.7                | 27,500*             | 61.2             | 182.7                | 24,000*             | 63.8             | 178.9                | 19,800*             | 120                 |
|                 | 130                 | 54.8            | 176.7                | 26,700*             | 57.8             | 175.7                | 23,500*             | 60.4             | 171.8                | 18,800*             | 130                 |
|                 | 140                 | 51.3            | 168.8                | 25,900*             | 54.3             | 167.8                | 22,900*             | 56.8             | 163.8                | 18,000*             | 140                 |
|                 | 150                 | 47.7            | 159.9                | 23,200              | 50.7             | 158.9                | 21,800*             | 53.0             | 154.5                | 17,200*             | 150                 |
|                 | 160                 | 43.8            | 149.7                | 20,700              | 46.7             | 148.6                | 20,700*             | 49.0             | 144.0                | 16,600*             | 160                 |
|                 | 170                 | 39.6            | 137.9                | 18,500              | 42.5             | 136.8                | 19,000              | 44.5             | 131.7                | 16,000*             | 170                 |
|                 | 180                 | 34.9            | 124.0                | 16,500              | 37.8             | 122.9                | 17,000              |                  |                      |                     | 180                 |
|                 | 190                 | 29.6            | 107.3                | 14,700              | 32.4             | 106.1                | 15,100              |                  |                      |                     | 190                 |
| 200             | 23.1                | 85.8            | 13,100               |                     |                  |                      |                     |                  |                      | 200                 |                     |
| <b>160</b>      | 45                  | 80.8            | 224.3                | 36,300*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 79.5            | 223.3                | 35,600*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 78.2            | 222.2                | 34,900*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 76.8            | 221.0                | 34,300*             | 79.8             | 219.8                | 28,900*             |                  |                      |                     | 60                  |
|                 | 65                  | 75.5            | 219.7                | 33,700*             | 78.5             | 218.5                | 28,400*             |                  |                      |                     | 65                  |
|                 | 70                  | 74.1            | 218.2                | 33,100*             | 77.1             | 217.0                | 28,000*             | 79.9             | 213.7                | 25,500*             | 70                  |
|                 | 75                  | 72.7            | 216.6                | 32,500*             | 75.7             | 215.4                | 27,600*             | 78.5             | 212.1                | 25,200*             | 75                  |
|                 | 80                  | 71.4            | 214.8                | 32,000*             | 74.3             | 213.7                | 27,100*             | 77.1             | 210.3                | 24,900*             | 80                  |
|                 | 85                  | 70.0            | 212.9                | 31,500*             | 72.9             | 211.8                | 26,700*             | 75.6             | 208.4                | 24,600*             | 85                  |
|                 | 90                  | 68.6            | 210.9                | 31,000*             | 71.5             | 209.8                | 26,300*             | 74.2             | 206.4                | 24,200*             | 90                  |
|                 | 100                 | 65.7            | 206.4                | 29,900*             | 68.7             | 205.3                | 25,600*             | 71.3             | 201.8                | 22,700*             | 100                 |
|                 | 110                 | 62.8            | 201.3                | 28,900*             | 65.7             | 200.2                | 24,900*             | 68.3             | 196.6                | 21,400*             | 110                 |
|                 | 120                 | 59.8            | 195.5                | 28,000*             | 62.7             | 194.5                | 24,300*             | 65.2             | 190.8                | 20,300*             | 120                 |
|                 | 130                 | 56.7            | 189.0                | 27,100*             | 59.6             | 188.0                | 23,700*             | 62.0             | 184.1                | 19,300*             | 130                 |
|                 | 140                 | 53.4            | 181.7                | 25,700              | 56.3             | 180.6                | 23,200*             | 58.7             | 176.6                | 18,400*             | 140                 |
|                 | 150                 | 50.1            | 173.4                | 22,800              | 52.9             | 172.4                | 22,600*             | 55.2             | 168.2                | 17,600*             | 150                 |
|                 | 160                 | 46.5            | 164.1                | 20,200              | 49.3             | 163.0                | 21,000              | 51.5             | 158.6                | 17,000*             | 160                 |
|                 | 170                 | 42.7            | 153.5                | 18,000              | 45.5             | 152.4                | 18,600              | 47.6             | 147.6                | 16,400*             | 170                 |
|                 | 180                 | 38.6            | 141.3                | 16,000              | 41.3             | 140.2                | 16,600              | 43.3             | 134.9                | 15,900*             | 180                 |
|                 | 190                 | 34.0            | 127.0                | 14,300              | 36.8             | 125.8                | 14,700              |                  |                      |                     | 190                 |
| 200             | 28.9                | 109.8           | 12,700               | 31.5                | 108.5            | 13,000               |                     |                  |                      | 200                 |                     |
| 210             | 22.5                | 87.7            | 11,200               |                     |                  |                      |                     |                  |                      | 210                 |                     |
| <b>170</b>      | 50                  | 80.0            | 233.6                | 35,800*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 78.7            | 232.5                | 35,200*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 77.4            | 231.3                | 34,600*             | 80.3             | 230.1                | 29,100*             |                  |                      |                     | 60                  |
|                 | 65                  | 76.1            | 230.0                | 34,000*             | 79.0             | 228.8                | 28,600*             |                  |                      |                     | 65                  |
|                 | 70                  | 74.8            | 228.6                | 33,400*             | 77.7             | 227.4                | 28,200*             | 80.3             | 224.1                | 25,600*             | 70                  |
|                 | 75                  | 73.5            | 227.1                | 32,900*             | 76.4             | 225.9                | 27,800*             | 79.0             | 222.5                | 25,300*             | 75                  |
|                 | 80                  | 72.2            | 225.4                | 32,300*             | 75.1             | 224.2                | 27,400*             | 77.7             | 220.8                | 25,000*             | 80                  |
|                 | 85                  | 70.9            | 223.6                | 31,800*             | 73.7             | 222.5                | 27,000*             | 76.3             | 219.0                | 24,700*             | 85                  |
|                 | 90                  | 69.6            | 221.7                | 31,300*             | 72.4             | 220.5                | 26,600*             | 75.0             | 217.1                | 24,400*             | 90                  |
|                 | 100                 | 66.8            | 217.5                | 30,300*             | 69.7             | 216.3                | 25,900*             | 72.2             | 212.8                | 23,100*             | 100                 |
|                 | 110                 | 64.1            | 212.6                | 29,300*             | 66.9             | 211.5                | 25,200*             | 69.4             | 207.9                | 21,800*             | 110                 |
|                 | 120                 | 61.2            | 207.2                | 28,400*             | 64.0             | 206.1                | 24,600*             | 66.5             | 202.4                | 20,700*             | 120                 |
|                 | 130                 | 58.3            | 201.1                | 27,600*             | 61.1             | 200.0                | 24,000*             | 63.5             | 196.1                | 19,700*             | 130                 |
|                 | 140                 | 55.3            | 194.2                | 25,400              | 58.0             | 193.1                | 23,500*             | 60.4             | 189.1                | 18,800*             | 140                 |
|                 | 150                 | 52.2            | 186.5                | 22,400              | 54.9             | 185.4                | 23,000*             | 57.1             | 181.3                | 18,000*             | 150                 |
|                 | 160                 | 48.9            | 177.9                | 19,900              | 51.6             | 176.8                | 20,700              | 53.7             | 172.4                | 17,300*             | 160                 |
|                 | 170                 | 45.4            | 168.2                | 17,700              | 48.1             | 167.1                | 18,400              | 50.1             | 162.5                | 16,700*             | 170                 |
|                 | 180                 | 41.7            | 157.2                | 15,700              | 44.3             | 156.1                | 16,300              | 46.3             | 151.1                | 16,200*             | 180                 |
|                 | 190                 | 37.7            | 144.6                | 13,900              | 40.3             | 143.5                | 14,400              | 42.1             | 138.0                | 14,800              | 190                 |
|                 | 200                 | 33.2            | 129.9                | 12,300              | 35.8             | 128.7                | 12,800              |                  |                      |                     | 200                 |
| 210             | 28.2                | 112.2           | 10,900               | 30.7                | 110.9            | 11,200               |                     |                  |                      | 210                 |                     |
| 220             | 22.0                | 89.6            | 9,600                |                     |                  |                      |                     |                  |                      | 220                 |                     |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 60 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 180             | 50                  | 80.4            | 243.7                | 36,100*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 79.2            | 242.7                | 35,400*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 77.9            | 241.6                | 34,800*             | 80.7             | 240.3                | 29,200*             |                  |                      |                     | 60                  |
|                 | 65                  | 76.7            | 240.4                | 34,300*             | 79.5             | 239.1                | 28,800*             |                  |                      |                     | 65                  |
|                 | 70                  | 75.5            | 239.0                | 33,700*             | 78.2             | 237.8                | 28,400*             | 80.8             | 234.4                | 25,700*             | 70                  |
|                 | 75                  | 74.2            | 237.6                | 33,200*             | 77.0             | 236.3                | 28,000*             | 79.5             | 232.9                | 25,400*             | 75                  |
|                 | 80                  | 73.0            | 236.0                | 32,600*             | 75.7             | 234.8                | 27,600*             | 78.2             | 231.3                | 25,100*             | 80                  |
|                 | 85                  | 71.7            | 234.3                | 32,100*             | 74.4             | 233.1                | 27,200*             | 76.9             | 229.6                | 24,800*             | 85                  |
|                 | 90                  | 70.4            | 232.4                | 31,700*             | 73.2             | 231.2                | 26,800*             | 75.6             | 227.8                | 24,500*             | 90                  |
|                 | 100                 | 67.9            | 228.4                | 30,700*             | 70.6             | 227.2                | 26,100*             | 73.0             | 223.7                | 23,500*             | 100                 |
|                 | 110                 | 65.2            | 223.8                | 29,700*             | 67.9             | 222.6                | 25,400*             | 70.3             | 219.0                | 22,300*             | 110                 |
|                 | 120                 | 62.6            | 218.6                | 28,800*             | 65.2             | 217.5                | 24,800*             | 67.6             | 213.8                | 21,100*             | 120                 |
|                 | 130                 | 59.8            | 212.9                | 28,000*             | 62.5             | 211.7                | 24,300*             | 64.7             | 207.9                | 20,100*             | 130                 |
|                 | 140                 | 57.0            | 206.4                | 24,900              | 59.6             | 205.3                | 23,800*             | 61.8             | 201.4                | 19,200*             | 140                 |
|                 | 150                 | 54.0            | 199.2                | 22,000              | 56.6             | 198.1                | 22,900              | 58.8             | 194.0                | 18,400*             | 150                 |
|                 | 160                 | 51.0            | 191.2                | 19,400              | 53.6             | 190.1                | 20,300              | 55.7             | 185.8                | 17,700*             | 160                 |
|                 | 170                 | 47.7            | 182.3                | 17,200              | 50.3             | 181.1                | 18,000              | 52.4             | 176.6                | 17,100*             | 170                 |
|                 | 180                 | 44.4            | 172.2                | 15,200              | 46.9             | 171.1                | 15,900              | 48.8             | 166.3                | 16,400              | 180                 |
|                 | 190                 | 40.7            | 160.8                | 13,500              | 43.3             | 159.7                | 14,100              | 45.1             | 154.5                | 14,500              | 190                 |
|                 | 200                 | 36.8            | 147.9                | 11,900              | 39.3             | 146.7                | 12,400              |                  |                      |                     | 200                 |
| 210             | 32.5                | 132.7           | 10,500               | 35.0                | 131.5            | 10,900               |                     |                  |                      | 210                 |                     |
| 220             | 27.5                | 114.6           | 9,100                |                     |                  |                      |                     |                  |                      | 220                 |                     |
| 230             | 21.5                | 91.4            | 7,900                |                     |                  |                      |                     |                  |                      | 230                 |                     |
| 190             | 50                  | 80.8            | 253.9                | 36,300*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 79.6            | 252.9                | 35,700*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 78.4            | 251.9                | 35,100*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 77.3            | 250.7                | 34,500*             | 79.9             | 249.4                | 28,900*             |                  |                      |                     | 65                  |
|                 | 70                  | 76.1            | 249.4                | 34,000*             | 78.7             | 248.1                | 28,500*             |                  |                      |                     | 70                  |
|                 | 75                  | 74.9            | 248.0                | 33,400*             | 77.5             | 246.7                | 28,100*             | 79.9             | 243.3                | 25,500*             | 75                  |
|                 | 80                  | 73.7            | 246.5                | 32,900*             | 76.3             | 245.2                | 27,700*             | 78.7             | 241.8                | 25,200*             | 80                  |
|                 | 85                  | 72.5            | 244.8                | 32,400*             | 75.1             | 243.6                | 27,400*             | 77.5             | 240.1                | 24,900*             | 85                  |
|                 | 90                  | 71.3            | 243.1                | 32,000*             | 73.9             | 241.9                | 27,000*             | 76.3             | 238.4                | 24,700*             | 90                  |
|                 | 100                 | 68.8            | 239.2                | 31,100*             | 71.4             | 238.0                | 26,300*             | 73.7             | 234.5                | 23,900*             | 100                 |
|                 | 110                 | 66.3            | 234.9                | 30,100*             | 68.9             | 233.7                | 25,700*             | 71.2             | 230.1                | 22,600*             | 110                 |
|                 | 120                 | 63.8            | 230.0                | 29,200*             | 66.3             | 228.8                | 25,100*             | 68.6             | 225.1                | 21,500*             | 120                 |
|                 | 130                 | 61.1            | 224.5                | 27,800              | 63.7             | 223.3                | 24,500*             | 65.9             | 219.5                | 20,500*             | 130                 |
|                 | 140                 | 58.5            | 218.4                | 24,400              | 61.0             | 217.2                | 24,000*             | 63.2             | 213.3                | 19,600*             | 140                 |
|                 | 150                 | 55.7            | 211.6                | 21,500              | 58.2             | 210.5                | 22,500              | 60.3             | 206.4                | 18,800*             | 150                 |
|                 | 160                 | 52.8            | 204.1                | 18,900              | 55.3             | 203.0                | 19,800              | 57.4             | 198.8                | 18,100*             | 160                 |
|                 | 170                 | 49.8            | 195.8                | 16,700              | 52.3             | 194.6                | 17,500              | 54.3             | 190.2                | 17,500*             | 170                 |
|                 | 180                 | 46.7            | 186.5                | 14,700              | 49.2             | 185.4                | 15,400              | 51.1             | 180.7                | 16,000              | 180                 |
|                 | 190                 | 43.4            | 176.1                | 13,000              | 45.8             | 174.9                | 13,600              | 47.7             | 170.0                | 14,100              | 190                 |
|                 | 200                 | 39.9            | 164.4                | 11,400              | 42.3             | 163.2                | 11,900              | 44.0             | 157.9                | 12,300              | 200                 |
| 210             | 36.0                | 151.0           | 9,900                | 38.4                | 149.8            | 10,400               |                     |                  |                      | 210                 |                     |
| 220             | 31.8                | 135.5           | 8,600                | 34.2                | 134.2            | 9,000                |                     |                  |                      | 220                 |                     |
| 230             | 27.0                | 116.9           | 7,400                |                     |                  |                      |                     |                  |                      | 230                 |                     |
| 240             | 21.1                | 93.1            | 6,300                |                     |                  |                      |                     |                  |                      | 240                 |                     |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 60 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 200             | 55                  | 80.0            | 263.1                | 35,900*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 78.9            | 262.1                | 35,300*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 77.8            | 261.0                | 34,700*             | 80.3             | 259.7                | 29,100*             |                  |                      |                     | 65                  |
|                 | 70                  | 76.6            | 259.7                | 34,200*             | 79.2             | 258.4                | 28,700*             |                  |                      |                     | 70                  |
|                 | 75                  | 75.5            | 258.4                | 33,700*             | 78.0             | 257.1                | 28,300*             | 80.4             | 253.7                | 25,600*             | 75                  |
|                 | 80                  | 74.3            | 256.9                | 33,200*             | 76.9             | 255.7                | 27,900*             | 79.2             | 252.2                | 25,300*             | 80                  |
|                 | 85                  | 73.2            | 255.4                | 32,700*             | 75.7             | 254.1                | 27,600*             | 78.0             | 250.6                | 25,100*             | 85                  |
|                 | 90                  | 72.0            | 253.7                | 32,300*             | 74.5             | 252.5                | 27,200*             | 76.8             | 248.9                | 24,800*             | 90                  |
|                 | 100                 | 69.7            | 250.0                | 31,400*             | 72.2             | 248.8                | 26,500*             | 74.4             | 245.2                | 24,300*             | 100                 |
|                 | 110                 | 67.3            | 245.8                | 30,500*             | 69.8             | 244.6                | 25,900*             | 72.0             | 241.0                | 23,000*             | 110                 |
|                 | 120                 | 64.8            | 241.2                | 29,600*             | 67.3             | 240.0                | 25,300*             | 69.5             | 236.3                | 21,900*             | 120                 |
|                 | 130                 | 62.4            | 236.0                | 27,400              | 64.8             | 234.8                | 24,800*             | 67.0             | 231.0                | 20,900*             | 130                 |
|                 | 140                 | 59.8            | 230.2                | 23,900              | 62.3             | 229.0                | 24,200*             | 64.4             | 225.1                | 20,000*             | 140                 |
|                 | 150                 | 57.2            | 223.8                | 21,000              | 59.6             | 222.6                | 22,000              | 61.7             | 218.6                | 19,200*             | 150                 |
|                 | 160                 | 54.5            | 216.7                | 18,500              | 56.9             | 215.6                | 19,400              | 58.9             | 211.4                | 18,500*             | 160                 |
|                 | 170                 | 51.7            | 208.9                | 16,200              | 54.1             | 207.7                | 17,100              | 56.0             | 203.4                | 17,800              | 170                 |
|                 | 180                 | 48.8            | 200.3                | 14,200              | 51.2             | 199.1                | 15,000              | 53.0             | 194.6                | 15,600              | 180                 |
|                 | 190                 | 45.7            | 190.6                | 12,500              | 48.1             | 189.5                | 13,200              | 49.9             | 184.7                | 13,700              | 190                 |
|                 | 200                 | 42.5            | 179.9                | 10,900              | 44.8             | 178.7                | 11,500              | 46.5             | 173.6                | 12,000              | 200                 |
|                 | 210                 | 39.0            | 167.9                | 9,500               | 41.4             | 166.6                | 10,000              | 42.9             | 161.1                | 10,400              | 210                 |
| 220             | 35.3                | 154.1           | 8,200                | 37.6                | 152.8            | 8,600                |                     |                  |                      | 220                 |                     |
| 230             | 31.2                | 138.2           | 7,000                | 33.4                | 136.8            | 7,400                |                     |                  |                      | 230                 |                     |
| 240             | 26.4                | 119.1           | 5,900                |                     |                  |                      |                     |                  |                      | 240                 |                     |
| 250             | 20.6                | 94.9            | 4,800                |                     |                  |                      |                     |                  |                      | 250                 |                     |
| 210             | 55                  | 80.4            | 273.3                | 36,100*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 79.3            | 272.3                | 35,500*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 78.2            | 271.2                | 35,000*             | 80.7             | 269.9                | 29,200*             |                  |                      |                     | 65                  |
|                 | 70                  | 77.1            | 270.0                | 34,500*             | 79.6             | 268.7                | 28,800*             |                  |                      |                     | 70                  |
|                 | 75                  | 76.0            | 268.8                | 34,000*             | 78.5             | 267.5                | 28,400*             | 80.7             | 264.0                | 25,700*             | 75                  |
|                 | 80                  | 74.9            | 267.4                | 33,500*             | 77.4             | 266.1                | 28,100*             | 79.6             | 262.6                | 25,400*             | 80                  |
|                 | 85                  | 73.8            | 265.9                | 33,000*             | 76.2             | 264.6                | 27,700*             | 78.5             | 261.1                | 25,200*             | 85                  |
|                 | 90                  | 72.7            | 264.3                | 32,500*             | 75.1             | 263.0                | 27,400*             | 77.3             | 259.4                | 24,900*             | 90                  |
|                 | 100                 | 70.5            | 260.7                | 31,700*             | 72.9             | 259.5                | 26,700*             | 75.0             | 255.9                | 24,400*             | 100                 |
|                 | 110                 | 68.2            | 256.7                | 30,800*             | 70.6             | 255.5                | 26,100*             | 72.7             | 251.8                | 23,400*             | 110                 |
|                 | 120                 | 65.8            | 252.3                | 30,000*             | 68.2             | 251.0                | 25,500*             | 70.3             | 247.3                | 22,300*             | 120                 |
|                 | 130                 | 63.5            | 247.3                | 27,000              | 65.8             | 246.1                | 25,000*             | 67.9             | 242.3                | 21,300*             | 130                 |
|                 | 140                 | 61.1            | 241.8                | 23,600              | 63.4             | 240.6                | 24,500*             | 65.4             | 236.7                | 20,400*             | 140                 |
|                 | 150                 | 58.6            | 235.7                | 20,600              | 60.9             | 234.5                | 21,700              | 62.9             | 230.5                | 19,500*             | 150                 |
|                 | 160                 | 56.0            | 229.0                | 18,100              | 58.3             | 227.9                | 19,100              | 60.3             | 223.7                | 18,800*             | 160                 |
|                 | 170                 | 53.4            | 221.7                | 15,800              | 55.7             | 220.5                | 16,700              | 57.6             | 216.2                | 17,500              | 170                 |
|                 | 180                 | 50.6            | 213.6                | 13,900              | 53.0             | 212.4                | 14,700              | 54.8             | 207.9                | 15,300              | 180                 |
|                 | 190                 | 47.8            | 204.6                | 12,100              | 50.1             | 203.4                | 12,800              | 51.9             | 198.8                | 13,400              | 190                 |
|                 | 200                 | 44.8            | 194.7                | 10,500              | 47.1             | 193.5                | 11,200              | 48.8             | 188.6                | 11,700              | 200                 |
|                 | 210                 | 41.6            | 183.7                | 9,100               | 43.9             | 182.4                | 9,700               | 45.5             | 177.2                | 10,100              | 210                 |
| 220             | 38.3                | 171.3           | 7,800                | 40.5                | 170.0            | 8,300                | 42.0                | 164.4            | 8,700                | 220                 |                     |
| 230             | 34.6                | 157.2           | 6,600                | 36.8                | 155.8            | 7,100                |                     |                  |                      | 230                 |                     |
| 240             | 30.5                | 140.9           | 5,500                | 32.7                | 139.4            | 5,900                |                     |                  |                      | 240                 |                     |
| 250             | 25.9                | 121.3           | 4,500                |                     |                  |                      |                     |                  |                      | 250                 |                     |



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 2**

**JIB NO. 134 WITH 12'6" STRUT ON  
 BOOM NO. 22EL  
 179,100 LB. CRANE COUNTERWEIGHT  
 44,000 LB. CARBODY COUNTERWEIGHT  
 28'2" CRAWLERS EXTENDED  
 360 DEGREE RATING**

**60 FOOT JIB**

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 220             | 55                  | 80.7            | 283.5                | 36,300*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 79.7            | 282.5                | 35,700*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 78.7            | 281.5                | 35,200*             | 81.0             | 280.1                | 29,300*             |                  |                      |                     | 65                  |
|                 | 70                  | 77.6            | 280.3                | 34,700*             | 80.0             | 279.0                | 29,000*             |                  |                      |                     | 70                  |
|                 | 75                  | 76.5            | 279.1                | 34,200*             | 78.9             | 277.8                | 28,600*             |                  |                      |                     | 75                  |
|                 | 80                  | 75.5            | 277.8                | 33,700*             | 77.8             | 276.4                | 28,200*             | 80.0             | 272.9                | 25,500*             | 80                  |
|                 | 85                  | 74.4            | 276.3                | 33,300*             | 76.8             | 275.0                | 27,900*             | 78.9             | 271.5                | 25,300*             | 85                  |
|                 | 90                  | 73.4            | 274.8                | 32,800*             | 75.7             | 273.5                | 27,600*             | 77.8             | 269.9                | 25,000*             | 90                  |
|                 | 100                 | 71.2            | 271.4                | 32,000*             | 73.5             | 270.1                | 26,900*             | 75.6             | 266.5                | 24,500*             | 100                 |
|                 | 110                 | 69.0            | 267.5                | 31,200*             | 71.3             | 266.3                | 26,300*             | 73.4             | 262.6                | 23,700*             | 110                 |
|                 | 120                 | 66.8            | 263.3                | 30,300*             | 69.1             | 262.0                | 25,700*             | 71.1             | 258.3                | 22,600*             | 120                 |
|                 | 130                 | 64.5            | 258.5                | 26,500              | 66.8             | 257.3                | 25,200*             | 68.8             | 253.5                | 21,600*             | 130                 |
|                 | 140                 | 62.2            | 253.3                | 23,100              | 64.5             | 252.1                | 24,300              | 66.4             | 248.2                | 20,700*             | 140                 |
|                 | 150                 | 59.8            | 247.5                | 20,200              | 62.1             | 246.3                | 21,300              | 64.0             | 242.3                | 19,900*             | 150                 |
|                 | 160                 | 57.4            | 241.2                | 17,600              | 59.7             | 240.0                | 18,600              | 61.6             | 235.9                | 19,200*             | 160                 |
|                 | 170                 | 54.9            | 234.2                | 15,400              | 57.1             | 233.0                | 16,300              | 59.0             | 228.8                | 17,100              | 170                 |
| 180             | 52.3                | 226.5           | 13,400               | 54.6                | 225.3            | 14,200               | 56.4                | 221.0            | 14,900               | 180                 |                     |
| 190             | 49.7                | 218.1           | 11,600               | 51.9                | 216.9            | 12,400               | 53.6                | 212.4            | 13,000               | 190                 |                     |
| 200             | 46.9                | 208.9           | 10,100               | 49.1                | 207.7            | 10,800               | 50.7                | 202.9            | 11,300               | 200                 |                     |
| 210             | 43.9                | 198.7           | 8,600                | 46.1                | 197.4            | 9,300                | 47.7                | 192.4            | 9,700                | 210                 |                     |
| 220             | 40.8                | 187.3           | 7,300                | 43.0                | 186.1            | 7,900                | 44.5                | 180.7            | 8,300                | 220                 |                     |
| 230             | 37.5                | 174.6           | 6,200                | 39.7                | 173.3            | 6,600                |                     |                  |                      | 230                 |                     |
| 240             | 33.9                | 160.2           | 5,100                | 36.0                | 158.8            | 5,500                |                     |                  |                      | 240                 |                     |
| 250             | 30.0                | 143.5           | 4,100                | 32.0                | 142.0            | 4,400                |                     |                  |                      | 250                 |                     |
| 230             | 60                  | 80.1            | 292.7                | 35,900*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 79.0            | 291.7                | 35,400*             |                  |                      |                     |                  |                      |                     | 65                  |
|                 | 70                  | 78.0            | 290.6                | 34,900*             | 80.3             | 289.3                | 29,100*             |                  |                      |                     | 70                  |
|                 | 75                  | 77.0            | 289.4                | 34,400*             | 79.3             | 288.1                | 28,700*             |                  |                      |                     | 75                  |
|                 | 80                  | 76.0            | 288.1                | 34,000*             | 78.3             | 286.8                | 28,400*             | 80.4             | 283.2                | 25,600*             | 80                  |
|                 | 85                  | 75.0            | 286.7                | 33,500*             | 77.2             | 285.4                | 28,000*             | 79.3             | 281.8                | 25,400*             | 85                  |
|                 | 90                  | 73.9            | 285.2                | 33,100*             | 76.2             | 283.9                | 27,700*             | 78.3             | 280.3                | 25,100*             | 90                  |
|                 | 100                 | 71.9            | 282.0                | 32,200*             | 74.1             | 280.7                | 27,100*             | 76.2             | 277.1                | 24,600*             | 100                 |
|                 | 110                 | 69.8            | 278.3                | 31,400*             | 72.0             | 277.0                | 26,500*             | 74.0             | 273.3                | 24,100*             | 110                 |
|                 | 120                 | 67.6            | 274.2                | 30,100              | 69.8             | 272.9                | 25,900*             | 71.8             | 269.2                | 22,900*             | 120                 |
|                 | 130                 | 65.5            | 269.7                | 26,000              | 67.7             | 268.4                | 25,400*             | 69.6             | 264.6                | 21,900*             | 130                 |
|                 | 140                 | 63.2            | 264.6                | 22,600              | 65.4             | 263.4                | 23,900              | 67.4             | 259.5                | 21,000*             | 140                 |
|                 | 150                 | 61.0            | 259.1                | 19,600              | 63.2             | 257.9                | 20,800              | 65.1             | 253.9                | 20,200*             | 150                 |
|                 | 160                 | 58.7            | 253.1                | 17,100              | 60.9             | 251.8                | 18,200              | 62.7             | 247.8                | 19,100              | 160                 |
|                 | 170                 | 56.3            | 246.5                | 14,800              | 58.5             | 245.2                | 15,800              | 60.3             | 241.1                | 16,700              | 170                 |
|                 | 180                 | 53.9            | 239.2                | 12,900              | 56.0             | 238.0                | 13,800              | 57.8             | 233.7                | 14,500              | 180                 |
| 190             | 51.3                | 231.3           | 11,100               | 53.5                | 230.1            | 11,900               | 55.2                | 225.6            | 12,600               | 190                 |                     |
| 200             | 48.7                | 222.6           | 9,500                | 50.8                | 221.4            | 10,300               | 52.5                | 216.7            | 10,900               | 200                 |                     |
| 210             | 46.0                | 213.1           | 8,100                | 48.1                | 211.8            | 8,800                | 49.7                | 207.0            | 9,300                | 210                 |                     |
| 220             | 43.1                | 202.6           | 6,800                | 45.2                | 201.3            | 7,400                | 46.7                | 196.1            | 7,900                | 220                 |                     |
| 230             | 40.1                | 190.9           | 5,600                | 42.2                | 189.6            | 6,200                | 43.6                | 184.1            | 6,500                | 230                 |                     |
| 240             | 36.8                | 177.9           | 4,500                | 38.9                | 176.5            | 5,000                |                     |                  |                      | 240                 |                     |
| 250             |                     |                 |                      | 35.3                | 161.7            | 4,000                |                     |                  |                      | 250                 |                     |
| 240             | 60                  | 80.4            | 302.9                | 36,100*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 79.4            | 301.9                | 35,600*             |                  |                      |                     |                  |                      |                     | 65                  |
|                 | 70                  | 78.4            | 300.9                | 35,100*             | 80.6             | 299.5                | 29,200*             |                  |                      |                     | 70                  |
|                 | 75                  | 77.5            | 299.7                | 34,600*             | 79.7             | 298.3                | 28,900*             |                  |                      |                     | 75                  |
|                 | 80                  | 76.5            | 298.5                | 34,200*             | 78.7             | 297.1                | 28,500*             | 80.7             | 293.5                | 25,700*             | 80                  |
|                 | 85                  | 75.5            | 297.1                | 33,700*             | 77.7             | 295.8                | 28,200*             | 79.7             | 292.2                | 25,400*             | 85                  |
|                 | 90                  | 74.5            | 295.7                | 33,300*             | 76.7             | 294.4                | 27,900*             | 78.7             | 290.7                | 25,200*             | 90                  |
|                 | 100                 | 72.5            | 292.5                | 32,500*             | 74.7             | 291.2                | 27,200*             | 76.6             | 287.6                | 24,800*             | 100                 |
|                 | 110                 | 70.5            | 289.0                | 31,700*             | 72.6             | 287.7                | 26,700*             | 74.6             | 284.0                | 24,300*             | 110                 |
|                 | 120                 | 68.4            | 285.1                | 29,600              | 70.6             | 283.8                | 26,100*             | 72.5             | 280.0                | 23,300*             | 120                 |
|                 | 130                 | 66.3            | 280.7                | 25,500              | 68.5             | 279.4                | 25,600*             | 70.4             | 275.6                | 22,300*             | 130                 |
|                 | 140                 | 64.2            | 275.9                | 22,100              | 66.3             | 274.6                | 23,500              | 68.2             | 270.7                | 21,400*             | 140                 |
|                 | 150                 | 62.0            | 270.6                | 19,200              | 64.2             | 269.4                | 20,400              | 66.0             | 265.4                | 20,500*             | 150                 |
|                 | 160                 | 59.8            | 264.8                | 16,600              | 62.0             | 263.6                | 17,700              | 63.7             | 259.5                | 18,700              | 160                 |
|                 | 170                 | 57.6            | 258.5                | 14,400              | 59.7             | 257.3                | 15,400              | 61.4             | 253.1                | 16,300              | 170                 |
|                 | 180                 | 55.3            | 251.6                | 12,400              | 57.3             | 250.4                | 13,300              | 59.1             | 246.1                | 14,100              | 180                 |
| 190             | 52.9                | 244.1           | 10,600               | 54.9                | 242.9            | 11,500               | 56.6                | 238.5            | 12,200               | 190                 |                     |
| 200             | 50.4                | 235.9           | 9,000                | 52.5                | 234.7            | 9,800                | 54.1                | 230.1            | 10,500               | 200                 |                     |
| 210             | 47.8                | 227.0           | 7,600                | 49.9                | 225.7            | 8,300                | 51.5                | 221.0            | 8,900                | 210                 |                     |
| 220             | 45.2                | 217.2           | 6,300                | 47.2                | 215.9            | 7,000                | 48.7                | 210.9            | 7,500                | 220                 |                     |
| 230             | 42.4                | 206.4           | 5,100                | 44.4                | 205.1            | 5,700                | 45.8                | 199.8            | 6,100                | 230                 |                     |
| 240             | 39.4                | 194.4           | 4,100                | 41.4                | 193.1            | 4,600                | 42.7                | 187.5            | 4,900                | 240                 |                     |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 60 FOOT JIB

| BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RAD.<br>FEET | 5 DEGREE OFFSET      |                               |                            | 15 DEGREE OFFSET     |                               |                            | 25 DEGREE OFFSET     |                               |                            | JIB<br>OPER.<br>RAD.<br>FEET |
|-----------------------|------------------------------|----------------------|-------------------------------|----------------------------|----------------------|-------------------------------|----------------------------|----------------------|-------------------------------|----------------------------|------------------------------|
|                       |                              | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACI TY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACI TY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACI TY<br>POUNDS |                              |
| <b>250</b>            | 60                           | 80.7                 | 313.1                         | 36,300*                    |                      |                               |                            |                      |                               |                            | 60                           |
|                       | 65                           | 79.8                 | 312.1                         | 35,800*                    |                      |                               |                            |                      |                               |                            | 65                           |
|                       | 70                           | 78.8                 | 311.1                         | 35,300*                    | 80.9                 | 309.7                         | 29,300*                    |                      |                               |                            | 70                           |
|                       | 75                           | 77.9                 | 310.0                         | 34,800*                    | 80.0                 | 308.6                         | 29,000*                    |                      |                               |                            | 75                           |
|                       | 80                           | 76.9                 | 308.8                         | 34,400*                    | 79.0                 | 307.4                         | 28,700*                    | 81.0                 | 303.8                         | 25,800*                    | 80                           |
|                       | 85                           | 76.0                 | 307.5                         | 34,000*                    | 78.1                 | 306.1                         | 28,300*                    | 80.0                 | 302.5                         | 25,500*                    | 85                           |
|                       | 90                           | 75.0                 | 306.1                         | 33,500*                    | 77.1                 | 304.7                         | 28,000*                    | 79.1                 | 301.1                         | 25,300*                    | 90                           |
|                       | 100                          | 73.1                 | 303.1                         | 32,700*                    | 75.2                 | 301.7                         | 27,400*                    | 77.1                 | 298.1                         | 24,800*                    | 100                          |
|                       | 110                          | 71.1                 | 299.7                         | 32,000*                    | 73.2                 | 298.3                         | 26,800*                    | 75.1                 | 294.6                         | 24,400*                    | 110                          |
|                       | 120                          | 69.1                 | 295.9                         | 29,600                     | 71.2                 | 294.6                         | 26,300*                    | 73.1                 | 290.8                         | 23,600*                    | 120                          |
|                       | 130                          | 67.1                 | 291.7                         | 25,500                     | 69.2                 | 290.4                         | 25,800*                    | 71.1                 | 286.6                         | 22,600*                    | 130                          |
|                       | 140                          | 65.1                 | 287.0                         | 22,100                     | 67.2                 | 285.8                         | 23,500                     | 69.0                 | 281.9                         | 21,700*                    | 140                          |
|                       | 150                          | 63.0                 | 282.0                         | 19,200                     | 65.1                 | 280.7                         | 20,400                     | 66.9                 | 276.8                         | 20,900*                    | 150                          |
|                       | 160                          | 60.9                 | 276.4                         | 16,600                     | 63.0                 | 275.2                         | 17,700                     | 64.7                 | 271.1                         | 18,700                     | 160                          |
|                       | 170                          | 58.8                 | 270.4                         | 14,400                     | 60.8                 | 269.2                         | 15,400                     | 62.5                 | 265.0                         | 16,300                     | 170                          |
|                       | 180                          | 56.5                 | 263.8                         | 12,400                     | 58.6                 | 262.6                         | 13,300                     | 60.3                 | 258.4                         | 14,100                     | 180                          |
|                       | 190                          | 54.3                 | 256.7                         | 10,600                     | 56.3                 | 255.5                         | 11,500                     | 57.9                 | 251.1                         | 12,200                     | 190                          |
|                       | 200                          | 51.9                 | 248.9                         | 9,100                      | 53.9                 | 247.7                         | 9,900                      | 55.5                 | 243.2                         | 10,500                     | 200                          |
|                       | 210                          | 49.5                 | 240.5                         | 7,600                      | 51.5                 | 239.2                         | 8,400                      | 53.1                 | 234.6                         | 8,900                      | 210                          |
|                       | 220                          | 47.0                 | 231.3                         | 6,300                      | 49.0                 | 230.0                         | 7,000                      | 50.5                 | 225.1                         | 7,500                      | 220                          |
|                       | 230                          | 44.4                 | 221.2                         | 5,200                      | 46.3                 | 219.9                         | 5,800                      | 47.8                 | 214.8                         | 6,200                      | 230                          |
|                       | 240                          | 41.6                 | 210.1                         | 4,100                      | 43.6                 | 208.8                         | 4,600                      | 44.9                 | 203.4                         | 5,000                      | 240                          |



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 2**

**JIB NO. 134 WITH 12'6" STRUT ON  
 BOOM NO. 22EL  
 179,100 LB. CRANE COUNTERWEIGHT  
 44,000 LB. CARBODY COUNTERWEIGHT  
 28'2" CRAWLERS EXTENDED  
 360 DEGREE RATING**

**70 FOOT JIB**

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 90              | 40                  | 79.3            | 164.4                | 27,100*             |                  |                      |                     |                  |                      |                     | 40                  |
|                 | 45                  | 77.5            | 163.2                | 26,700*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 75.6            | 161.9                | 26,100*             | 80.1             | 160.7                | 24,200*             |                  |                      |                     | 50                  |
|                 | 55                  | 73.8            | 160.4                | 25,400*             | 78.2             | 159.2                | 23,600*             |                  |                      |                     | 55                  |
|                 | 60                  | 71.9            | 158.7                | 24,800*             | 76.3             | 157.5                | 23,100*             | 80.9             | 154.6                | 21,400*             | 60                  |
|                 | 65                  | 69.9            | 156.8                | 24,200*             | 74.3             | 155.6                | 22,600*             | 78.9             | 152.7                | 21,000*             | 65                  |
|                 | 70                  | 68.0            | 154.7                | 23,700*             | 72.4             | 153.5                | 22,100*             | 76.9             | 150.5                | 20,600*             | 70                  |
|                 | 75                  | 66.0            | 152.4                | 23,100*             | 70.4             | 151.2                | 21,600*             | 74.9             | 148.2                | 20,100*             | 75                  |
|                 | 80                  | 64.0            | 149.9                | 22,600*             | 68.4             | 148.6                | 21,100*             | 72.8             | 145.6                | 19,700*             | 80                  |
|                 | 85                  | 62.0            | 147.2                | 22,100*             | 66.3             | 145.9                | 20,700*             | 70.7             | 142.8                | 18,900*             | 85                  |
|                 | 90                  | 59.9            | 144.2                | 21,600*             | 64.2             | 142.9                | 20,300*             | 68.6             | 139.7                | 18,100*             | 90                  |
|                 | 100                 | 55.6            | 137.5                | 20,600*             | 59.9             | 136.1                | 19,500*             | 64.1             | 132.8                | 16,600*             | 100                 |
|                 | 110                 | 51.0            | 129.6                | 19,800*             | 55.2             | 128.1                | 18,700*             | 59.3             | 124.5                | 15,500*             | 110                 |
|                 | 120                 | 46.1            | 120.3                | 18,900*             | 50.3             | 118.7                | 18,100*             | 54.2             | 114.8                | 14,400*             | 120                 |
|                 | 130                 | 40.8            | 109.1                | 18,200*             | 44.8             | 107.3                | 16,800*             | 48.5             | 102.9                | 13,600*             | 130                 |
| 140             | 34.7                | 95.4            | 17,500*              | 38.6                | 93.3             | 15,700*              | 42.0                | 88.2             | 12,900*              | 140                 |                     |
| 150             | 27.4                | 77.6            | 16,900*              | 31.1                | 75.1             | 14,700*              |                     |                  |                      | 150                 |                     |
| 100             | 40                  | 80.0            | 174.6                | 27,200*             |                  |                      |                     |                  |                      |                     | 40                  |
|                 | 45                  | 78.2            | 173.5                | 27,000*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 76.5            | 172.3                | 26,400*             | 80.7             | 171.1                | 24,400*             |                  |                      |                     | 50                  |
|                 | 55                  | 74.7            | 170.8                | 25,800*             | 78.9             | 169.6                | 23,800*             |                  |                      |                     | 55                  |
|                 | 60                  | 73.0            | 169.2                | 25,200*             | 77.1             | 168.0                | 23,300*             |                  |                      |                     | 60                  |
|                 | 65                  | 71.2            | 167.5                | 24,600*             | 75.3             | 166.2                | 22,900*             | 79.6             | 163.2                | 21,100*             | 65                  |
|                 | 70                  | 69.4            | 165.5                | 24,100*             | 73.5             | 164.3                | 22,400*             | 77.8             | 161.2                | 20,700*             | 70                  |
|                 | 75                  | 67.5            | 163.4                | 23,500*             | 71.6             | 162.1                | 21,900*             | 75.9             | 159.0                | 20,300*             | 75                  |
|                 | 80                  | 65.7            | 161.1                | 23,000*             | 69.8             | 159.8                | 21,500*             | 74.0             | 156.6                | 20,000*             | 80                  |
|                 | 85                  | 63.8            | 158.6                | 22,600*             | 67.9             | 157.2                | 21,000*             | 72.0             | 154.0                | 19,400*             | 85                  |
|                 | 90                  | 61.9            | 155.8                | 22,100*             | 65.9             | 154.5                | 20,600*             | 70.0             | 151.2                | 18,600*             | 90                  |
|                 | 100                 | 57.9            | 149.7                | 21,100*             | 61.9             | 148.3                | 19,800*             | 65.9             | 144.9                | 17,200*             | 100                 |
|                 | 110                 | 53.8            | 142.5                | 20,300*             | 57.7             | 141.0                | 19,100*             | 61.6             | 137.4                | 16,000*             | 110                 |
|                 | 120                 | 49.4            | 134.1                | 19,500*             | 53.3             | 132.5                | 18,500*             | 57.1             | 128.7                | 15,000*             | 120                 |
|                 | 130                 | 44.6            | 124.3                | 18,700*             | 48.5             | 122.6                | 17,700*             | 52.1             | 118.4                | 14,100*             | 130                 |
| 140             | 39.5                | 112.6           | 18,000*              | 43.2                | 110.7            | 16,500*              | 46.6                | 106.0            | 13,400*              | 140                 |                     |
| 150             | 33.6                | 98.3            | 17,400*              | 37.2                | 96.1             | 15,500*              |                     |                  |                      | 150                 |                     |
| 160             | 26.5                | 79.9            | 16,700*              | 29.9                | 77.1             | 14,600*              |                     |                  |                      | 160                 |                     |
| 110             | 40                  | 80.5            | 184.8                | 27,300*             |                  |                      |                     |                  |                      |                     | 40                  |
|                 | 45                  | 78.9            | 183.8                | 27,100*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 77.3            | 182.6                | 26,700*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 75.6            | 181.2                | 26,100*             | 79.5             | 180.0                | 24,000*             |                  |                      |                     | 55                  |
|                 | 60                  | 74.0            | 179.7                | 25,500*             | 77.9             | 178.5                | 23,500*             |                  |                      |                     | 60                  |
|                 | 65                  | 72.3            | 178.1                | 25,000*             | 76.2             | 176.8                | 23,100*             | 80.2             | 173.7                | 21,300*             | 65                  |
|                 | 70                  | 70.6            | 176.3                | 24,400*             | 74.5             | 175.0                | 22,600*             | 78.5             | 171.8                | 20,900*             | 70                  |
|                 | 75                  | 68.9            | 174.3                | 23,900*             | 72.7             | 173.0                | 22,200*             | 76.7             | 169.8                | 20,500*             | 75                  |
|                 | 80                  | 67.1            | 172.1                | 23,400*             | 71.0             | 170.8                | 21,800*             | 75.0             | 167.6                | 20,200*             | 80                  |
|                 | 85                  | 65.4            | 169.8                | 23,000*             | 69.2             | 168.4                | 21,300*             | 73.1             | 165.2                | 19,800*             | 85                  |
|                 | 90                  | 63.6            | 167.2                | 22,500*             | 67.4             | 165.9                | 20,900*             | 71.3             | 162.5                | 19,100*             | 90                  |
|                 | 100                 | 59.9            | 161.5                | 21,600*             | 63.7             | 160.1                | 20,200*             | 67.5             | 156.7                | 17,700*             | 100                 |
|                 | 110                 | 56.1            | 154.9                | 20,700*             | 59.9             | 153.4                | 19,500*             | 63.6             | 149.8                | 16,500*             | 110                 |
|                 | 120                 | 52.1            | 147.3                | 20,000*             | 55.8             | 145.7                | 18,800*             | 59.4             | 141.9                | 15,500*             | 120                 |
|                 | 130                 | 47.9            | 138.5                | 19,200*             | 51.5             | 136.8                | 18,200*             | 55.0             | 132.7                | 14,600*             | 130                 |
| 140             | 43.3                | 128.2           | 18,500*              | 46.9                | 126.3            | 17,300*              | 50.2                | 121.9            | 13,800*              | 140                 |                     |
| 150             | 38.3                | 115.9           | 17,900*              | 41.8                | 113.9            | 16,200*              | 44.9                | 108.9            | 13,200*              | 150                 |                     |
| 160             | 32.6                | 101.1           | 17,300*              | 36.0                | 98.8             | 15,300*              |                     |                  |                      | 160                 |                     |
| 170             | 25.7                | 82.1            | 16,600*              |                     |                  |                      |                     |                  |                      | 170                 |                     |



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 2**

**JIB NO. 134 WITH 12'6" STRUT ON  
 BOOM NO. 22EL  
 179,100 LB. CRANE COUNTERWEIGHT  
 44,000 LB. CARBODY COUNTERWEIGHT  
 28'2" CRAWLERS EXTENDED  
 360 DEGREE RATING**

**70 FOOT JIB**

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| <b>120</b>      | 40                  | 81.0            | 195.0                | 27,300*             |                  |                      |                     |                  |                      |                     | 40                  |
|                 | 45                  | 79.5            | 194.0                | 27,100*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 77.9            | 192.9                | 26,900*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 76.4            | 191.6                | 26,400*             | 80.1             | 190.3                | 24,200*             |                  |                      |                     | 55                  |
|                 | 60                  | 74.8            | 190.2                | 25,800*             | 78.5             | 188.9                | 23,700*             |                  |                      |                     | 60                  |
|                 | 65                  | 73.2            | 188.6                | 25,300*             | 76.9             | 187.3                | 23,300*             | 80.8             | 184.1                | 21,400*             | 65                  |
|                 | 70                  | 71.7            | 186.9                | 24,800*             | 75.3             | 185.6                | 22,900*             | 79.2             | 182.4                | 21,000*             | 70                  |
|                 | 75                  | 70.0            | 185.1                | 24,300*             | 73.7             | 183.7                | 22,400*             | 77.5             | 180.5                | 20,700*             | 75                  |
|                 | 80                  | 68.4            | 183.0                | 23,800*             | 72.1             | 181.7                | 22,000*             | 75.8             | 178.4                | 20,300*             | 80                  |
|                 | 85                  | 66.8            | 180.8                | 23,300*             | 70.4             | 179.4                | 21,600*             | 74.1             | 176.1                | 20,000*             | 85                  |
|                 | 90                  | 65.1            | 178.4                | 22,900*             | 68.7             | 177.1                | 21,200*             | 72.4             | 173.7                | 19,600*             | 90                  |
|                 | 100                 | 61.7            | 173.1                | 22,000*             | 65.3             | 171.7                | 20,500*             | 68.9             | 168.2                | 18,200*             | 100                 |
|                 | 110                 | 58.1            | 167.0                | 21,200*             | 61.7             | 165.5                | 19,800*             | 65.3             | 161.9                | 17,000*             | 110                 |
|                 | 120                 | 54.5            | 160.0                | 20,400*             | 58.0             | 158.4                | 19,100*             | 61.4             | 154.6                | 15,900*             | 120                 |
|                 | 130                 | 50.6            | 151.9                | 19,700*             | 54.1             | 150.3                | 18,600*             | 57.4             | 146.3                | 15,000*             | 130                 |
|                 | 140                 | 46.5            | 142.7                | 19,000*             | 49.9             | 140.9                | 18,000*             | 53.1             | 136.6                | 14,300*             | 140                 |
|                 | 150                 | 42.0            | 131.9                | 18,400*             | 45.4             | 130.0                | 16,900*             | 48.5             | 125.3                | 13,600*             | 150                 |
|                 | 160                 | 37.2            | 119.2                | 17,800*             | 40.5             | 117.1                | 16,000*             | 43.3             | 111.8                | 13,000*             | 160                 |
| 170             | 31.6                | 103.8           | 17,200*              | 34.8                | 101.4            | 15,200*              |                     |                  |                      | 170                 |                     |
| 180             | 25.0                | 84.2            | 16,500*              |                     |                  |                      |                     |                  |                      | 180                 |                     |
| <b>130</b>      | 45                  | 80.0            | 204.2                | 27,200*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 78.6            | 203.1                | 27,100*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 77.1            | 201.9                | 26,600*             | 80.6             | 200.6                | 24,400*             |                  |                      |                     | 55                  |
|                 | 60                  | 75.6            | 200.6                | 26,100*             | 79.1             | 199.3                | 23,900*             |                  |                      |                     | 60                  |
|                 | 65                  | 74.1            | 199.1                | 25,600*             | 77.6             | 197.8                | 23,500*             |                  |                      |                     | 65                  |
|                 | 70                  | 72.6            | 197.5                | 25,100*             | 76.1             | 196.2                | 23,100*             | 79.7             | 192.9                | 21,200*             | 70                  |
|                 | 75                  | 71.1            | 195.7                | 24,600*             | 74.6             | 194.4                | 22,700*             | 78.2             | 191.1                | 20,800*             | 75                  |
|                 | 80                  | 69.6            | 193.8                | 24,100*             | 73.0             | 192.5                | 22,300*             | 76.6             | 189.1                | 20,500*             | 80                  |
|                 | 85                  | 68.0            | 191.8                | 23,700*             | 71.5             | 190.4                | 21,900*             | 75.0             | 187.0                | 20,200*             | 85                  |
|                 | 90                  | 66.4            | 189.5                | 23,200*             | 69.9             | 188.1                | 21,500*             | 73.4             | 184.7                | 19,900*             | 90                  |
|                 | 100                 | 63.2            | 184.5                | 22,400*             | 66.7             | 183.1                | 20,800*             | 70.1             | 179.6                | 18,700*             | 100                 |
|                 | 110                 | 59.9            | 178.8                | 21,600*             | 63.3             | 177.3                | 20,100*             | 66.7             | 173.7                | 17,400*             | 110                 |
|                 | 120                 | 56.5            | 172.3                | 20,800*             | 59.9             | 170.8                | 19,500*             | 63.2             | 167.0                | 16,400*             | 120                 |
|                 | 130                 | 52.9            | 164.9                | 20,100*             | 56.3             | 163.3                | 18,900*             | 59.5             | 159.3                | 15,500*             | 130                 |
|                 | 140                 | 49.2            | 156.5                | 19,400*             | 52.5             | 154.7                | 18,300*             | 55.6             | 150.5                | 14,700*             | 140                 |
|                 | 150                 | 45.2            | 146.8                | 18,800*             | 48.4             | 144.9                | 17,700*             | 51.4             | 140.4                | 14,000*             | 150                 |
|                 | 160                 | 40.9            | 135.6                | 18,200*             | 44.1             | 133.5                | 16,700*             | 46.9             | 128.6                | 13,400*             | 160                 |
|                 | 170                 | 36.2            | 122.4                | 17,600*             | 39.3             | 120.1                | 15,800*             | 41.8             | 114.5                | 12,900*             | 170                 |
| 180             | 30.8                | 106.5           | 17,100*              | 33.8                | 103.9            | 15,000*              |                     |                  |                      | 180                 |                     |
| 190             | 24.3                | 86.2            | 16,000               |                     |                  |                      |                     |                  |                      | 190                 |                     |
| <b>140</b>      | 45                  | 80.5            | 214.4                | 27,300*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 79.1            | 213.4                | 27,100*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 77.7            | 212.2                | 26,900*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 76.3            | 211.0                | 26,400*             | 79.7             | 209.6                | 24,100*             |                  |                      |                     | 60                  |
|                 | 65                  | 74.9            | 209.6                | 25,900*             | 78.2             | 208.2                | 23,700*             |                  |                      |                     | 65                  |
|                 | 70                  | 73.5            | 208.0                | 25,400*             | 76.8             | 206.7                | 23,300*             | 80.3             | 203.3                | 21,300*             | 70                  |
|                 | 75                  | 72.0            | 206.4                | 24,900*             | 75.4             | 205.0                | 22,900*             | 78.8             | 201.6                | 20,900*             | 75                  |
|                 | 80                  | 70.6            | 204.6                | 24,400*             | 73.9             | 203.1                | 22,500*             | 77.3             | 199.7                | 20,600*             | 80                  |
|                 | 85                  | 69.1            | 202.6                | 24,000*             | 72.4             | 201.2                | 22,100*             | 75.8             | 197.7                | 20,300*             | 85                  |
|                 | 90                  | 67.6            | 200.5                | 23,600*             | 70.9             | 199.1                | 21,700*             | 74.3             | 195.6                | 20,000*             | 90                  |
|                 | 100                 | 64.6            | 195.8                | 22,800*             | 67.9             | 194.3                | 21,000*             | 71.2             | 190.8                | 19,100*             | 100                 |
|                 | 110                 | 61.5            | 190.4                | 22,000*             | 64.8             | 188.9                | 20,400*             | 68.0             | 185.2                | 17,900*             | 110                 |
|                 | 120                 | 58.3            | 184.4                | 21,200*             | 61.5             | 182.8                | 19,800*             | 64.7             | 179.0                | 16,800*             | 120                 |
|                 | 130                 | 55.0            | 177.5                | 20,500*             | 58.2             | 175.8                | 19,200*             | 61.3             | 171.9                | 15,900*             | 130                 |
|                 | 140                 | 51.6            | 169.7                | 19,900*             | 54.7             | 168.0                | 18,600*             | 57.7             | 163.8                | 15,100*             | 140                 |
|                 | 150                 | 47.9            | 160.8                | 19,200*             | 51.0             | 159.0                | 18,200*             | 53.9             | 154.6                | 14,400*             | 150                 |
|                 | 160                 | 44.0            | 150.7                | 18,600*             | 47.1             | 148.8                | 17,300*             | 49.9             | 144.0                | 13,800*             | 160                 |
|                 | 170                 | 39.8            | 139.1                | 18,100*             | 42.8             | 137.0                | 16,400*             | 45.4             | 131.8                | 13,200*             | 170                 |
| 180             | 35.2                | 125.5           | 17,400               | 38.2                | 123.1            | 15,600*              |                     |                  |                      | 180                 |                     |
| 190             | 30.0                | 109.1           | 15,600               | 32.8                | 106.3            | 14,900*              |                     |                  |                      | 190                 |                     |
| 200             | 23.7                | 88.2            | 14,000               |                     |                  |                      |                     |                  |                      | 200                 |                     |



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 2**

**JIB NO. 134 WITH 12'6" STRUT ON  
 BOOM NO. 22EL  
 179,100 LB. CRANE COUNTERWEIGHT  
 44,000 LB. CARBODY COUNTERWEIGHT  
 28'2" CRAWLERS EXTENDED  
 360 DEGREE RATING**

**70 FOOT JIB**

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 150             | 45                  | 80.9            | 224.6                | 27,300*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 79.6            | 223.6                | 27,200*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 78.3            | 222.5                | 27,000*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 76.9            | 221.3                | 26,600*             | 80.2             | 219.9                | 24,200*             |                  |                      |                     | 60                  |
|                 | 65                  | 75.6            | 220.0                | 26,100*             | 78.8             | 218.6                | 23,800*             |                  |                      |                     | 65                  |
|                 | 70                  | 74.2            | 218.5                | 25,600*             | 77.4             | 217.1                | 23,400*             | 80.7             | 213.7                | 21,400*             | 70                  |
|                 | 75                  | 72.9            | 216.9                | 25,200*             | 76.1             | 215.5                | 23,100*             | 79.3             | 212.1                | 21,100*             | 75                  |
|                 | 80                  | 71.5            | 215.2                | 24,700*             | 74.7             | 213.8                | 22,700*             | 77.9             | 210.3                | 20,800*             | 80                  |
|                 | 85                  | 70.1            | 213.3                | 24,300*             | 73.3             | 211.9                | 22,300*             | 76.5             | 208.4                | 20,500*             | 85                  |
|                 | 90                  | 68.7            | 211.3                | 23,900*             | 71.9             | 209.9                | 22,000*             | 75.1             | 206.4                | 20,200*             | 90                  |
|                 | 100                 | 65.9            | 206.9                | 23,100*             | 69.0             | 205.4                | 21,300*             | 72.1             | 201.8                | 19,500*             | 100                 |
|                 | 110                 | 62.9            | 201.9                | 22,300*             | 66.0             | 200.3                | 20,600*             | 69.1             | 196.6                | 18,300*             | 110                 |
|                 | 120                 | 59.9            | 196.2                | 21,600*             | 63.0             | 194.6                | 20,000*             | 66.1             | 190.8                | 17,200*             | 120                 |
|                 | 130                 | 56.8            | 189.7                | 20,900*             | 59.9             | 188.1                | 19,500*             | 62.9             | 184.1                | 16,300*             | 130                 |
|                 | 140                 | 53.6            | 182.5                | 20,300*             | 56.6             | 180.8                | 18,900*             | 59.5             | 176.6                | 15,500*             | 140                 |
|                 | 150                 | 50.3            | 174.3                | 19,600*             | 53.3             | 172.5                | 18,400*             | 56.1             | 168.2                | 14,800*             | 150                 |
|                 | 160                 | 46.7            | 165.1                | 19,000*             | 49.7             | 163.2                | 18,000*             | 52.4             | 158.6                | 14,100*             | 160                 |
|                 | 170                 | 42.9            | 154.6                | 18,500*             | 45.8             | 152.6                | 17,000*             | 48.4             | 147.6                | 13,600*             | 170                 |
|                 | 180                 | 38.9            | 142.6                | 16,800*             | 41.7             | 140.4                | 16,200*             | 44.1             | 134.9                | 13,100*             | 180                 |
|                 | 190                 | 34.4            | 128.5                | 15,100*             | 37.1             | 126.0                | 15,500*             |                  |                      |                     | 190                 |
|                 | 200                 | 29.3            | 111.6                | 13,500*             | 31.9             | 108.7                | 13,800*             |                  |                      |                     | 200                 |
| 210             | 23.1                | 90.2            | 12,000*              |                     |                  |                      |                     |                  |                      | 210                 |                     |
| 160             | 50                  | 80.1            | 233.8                | 27,200*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 78.8            | 232.8                | 27,100*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 77.5            | 231.6                | 26,800*             | 80.6             | 230.2                | 24,400*             |                  |                      |                     | 60                  |
|                 | 65                  | 76.2            | 230.3                | 26,300*             | 79.3             | 228.9                | 24,000*             |                  |                      |                     | 65                  |
|                 | 70                  | 74.9            | 228.9                | 25,900*             | 78.0             | 227.5                | 23,600*             |                  |                      |                     | 70                  |
|                 | 75                  | 73.6            | 227.4                | 25,400*             | 76.7             | 226.0                | 23,200*             | 79.8             | 222.5                | 21,200*             | 75                  |
|                 | 80                  | 72.3            | 225.8                | 25,000*             | 75.4             | 224.3                | 22,900*             | 78.5             | 220.8                | 20,900*             | 80                  |
|                 | 85                  | 71.0            | 224.0                | 24,600*             | 74.0             | 222.6                | 22,500*             | 77.1             | 219.0                | 20,600*             | 85                  |
|                 | 90                  | 69.7            | 222.1                | 24,200*             | 72.7             | 220.7                | 22,200*             | 75.8             | 217.1                | 20,300*             | 90                  |
|                 | 100                 | 67.0            | 217.9                | 23,400*             | 70.0             | 216.4                | 21,500*             | 73.0             | 212.8                | 19,800*             | 100                 |
|                 | 110                 | 64.2            | 213.2                | 22,700*             | 67.2             | 211.6                | 20,900*             | 70.2             | 207.9                | 18,700*             | 110                 |
|                 | 120                 | 61.4            | 207.8                | 22,000*             | 64.3             | 206.2                | 20,300*             | 67.3             | 202.3                | 17,600*             | 120                 |
|                 | 130                 | 58.5            | 201.7                | 21,300*             | 61.4             | 200.1                | 19,700*             | 64.3             | 196.1                | 16,700*             | 130                 |
|                 | 140                 | 55.5            | 194.9                | 20,600*             | 58.4             | 193.2                | 19,200*             | 61.2             | 189.1                | 15,900*             | 140                 |
|                 | 150                 | 52.3            | 187.3                | 20,000*             | 55.2             | 185.6                | 18,700*             | 57.9             | 181.3                | 15,100*             | 150                 |
|                 | 160                 | 49.1            | 178.8                | 19,400*             | 51.9             | 177.0                | 18,300*             | 54.5             | 172.4                | 14,500*             | 160                 |
|                 | 170                 | 45.6            | 169.2                | 18,400*             | 48.4             | 167.3                | 17,700*             | 50.9             | 162.4                | 13,900*             | 170                 |
|                 | 180                 | 41.9            | 158.4                | 16,400*             | 44.7             | 156.3                | 16,800*             | 47.1             | 151.1                | 13,400*             | 180                 |
|                 | 190                 | 38.0            | 145.9                | 14,600*             | 40.6             | 143.6                | 15,100*             | 42.9             | 137.9                | 13,000*             | 190                 |
|                 | 200                 | 33.6            | 131.5                | 13,000*             | 36.2             | 128.9                | 13,500*             |                  |                      |                     | 200                 |
|                 | 210                 | 28.6            | 114.1                | 11,600*             | 31.1             | 111.1                | 11,900*             |                  |                      |                     | 210                 |
| 220             | 22.6                | 92.1            | 10,300*              |                     |                  |                      |                     |                  |                      | 220                 |                     |
| 170             | 50                  | 80.5            | 244.0                | 27,300*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 79.3            | 243.0                | 27,100*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 78.1            | 241.9                | 27,000*             | 81.0             | 240.4                | 24,500*             |                  |                      |                     | 60                  |
|                 | 65                  | 76.8            | 240.7                | 26,600*             | 79.8             | 239.2                | 24,100*             |                  |                      |                     | 65                  |
|                 | 70                  | 75.6            | 239.3                | 26,100*             | 78.5             | 237.9                | 23,700*             |                  |                      |                     | 70                  |
|                 | 75                  | 74.3            | 237.9                | 25,700*             | 77.3             | 236.4                | 23,400*             | 80.3             | 232.9                | 21,300*             | 75                  |
|                 | 80                  | 73.1            | 236.3                | 25,300*             | 76.0             | 234.9                | 23,000*             | 79.0             | 231.3                | 21,000*             | 80                  |
|                 | 85                  | 71.8            | 234.6                | 24,900*             | 74.7             | 233.2                | 22,700*             | 77.7             | 229.6                | 20,700*             | 85                  |
|                 | 90                  | 70.6            | 232.8                | 24,500*             | 73.5             | 231.3                | 22,400*             | 76.4             | 227.7                | 20,400*             | 90                  |
|                 | 100                 | 68.0            | 228.8                | 23,700*             | 70.9             | 227.3                | 21,700*             | 73.8             | 223.6                | 19,900*             | 100                 |
|                 | 110                 | 65.4            | 224.3                | 23,000*             | 68.2             | 222.8                | 21,100*             | 71.1             | 219.0                | 19,000*             | 110                 |
|                 | 120                 | 62.7            | 219.2                | 22,300*             | 65.5             | 217.6                | 20,500*             | 68.3             | 213.8                | 18,000*             | 120                 |
|                 | 130                 | 59.9            | 213.5                | 21,600*             | 62.8             | 211.8                | 20,000*             | 65.5             | 207.9                | 17,100*             | 130                 |
|                 | 140                 | 57.1            | 207.1                | 21,000*             | 59.9             | 205.4                | 19,500*             | 62.6             | 201.3                | 16,200*             | 140                 |
|                 | 150                 | 54.2            | 200.0                | 20,400*             | 56.9             | 198.2                | 19,000*             | 59.6             | 194.0                | 15,500*             | 150                 |
|                 | 160                 | 51.1            | 192.1                | 19,800*             | 53.9             | 190.2                | 18,500*             | 56.4             | 185.8                | 14,900*             | 160                 |
|                 | 170                 | 47.9            | 183.2                | 18,000*             | 50.6             | 181.3                | 18,100*             | 53.1             | 176.6                | 14,300*             | 170                 |
|                 | 180                 | 44.6            | 173.3                | 16,000*             | 47.2             | 171.2                | 16,700*             | 49.6             | 166.2                | 13,700*             | 180                 |
|                 | 190                 | 41.0            | 162.0                | 14,300*             | 43.6             | 159.8                | 14,800*             | 45.9             | 154.5                | 13,300*             | 190                 |
|                 | 200                 | 37.1            | 149.2                | 12,700*             | 39.7             | 146.8                | 13,200*             | 41.8             | 140.9                | 12,900*             | 200                 |
|                 | 210                 | 32.8            | 134.3                | 11,300*             | 35.3             | 131.7                | 11,700*             |                  |                      |                     | 210                 |
| 220             | 27.9                | 116.5           | 9,900*               | 30.3                | 113.4            | 10,300*              |                     |                  |                      | 220                 |                     |
| 230             | 22.1                | 94.0            | 8,700*               |                     |                  |                      |                     |                  |                      | 230                 |                     |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 70 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 180             | 50                  | 80.9            | 254.1                | 27,300*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 79.7            | 253.2                | 27,200*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 78.5            | 252.1                | 27,100*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 77.4            | 251.0                | 26,800*             | 80.2             | 249.5                | 24,200*             |                  |                      |                     | 65                  |
|                 | 70                  | 76.2            | 249.7                | 26,300*             | 79.0             | 248.2                | 23,900*             |                  |                      |                     | 70                  |
|                 | 75                  | 75.0            | 248.3                | 25,900*             | 77.8             | 246.8                | 23,500*             | 80.7             | 243.3                | 21,400*             | 75                  |
|                 | 80                  | 73.8            | 246.8                | 25,500*             | 76.6             | 245.3                | 23,200*             | 79.5             | 241.7                | 21,100*             | 80                  |
|                 | 85                  | 72.6            | 245.2                | 25,100*             | 75.4             | 243.7                | 22,900*             | 78.2             | 240.1                | 20,800*             | 85                  |
|                 | 90                  | 71.4            | 243.5                | 24,700*             | 74.2             | 242.0                | 22,600*             | 77.0             | 238.3                | 20,600*             | 90                  |
|                 | 100                 | 68.9            | 239.7                | 24,000*             | 71.7             | 238.1                | 21,900*             | 74.5             | 234.4                | 20,100*             | 100                 |
|                 | 110                 | 66.4            | 235.3                | 23,300*             | 69.2             | 233.8                | 21,300*             | 71.9             | 230.0                | 19,400*             | 110                 |
|                 | 120                 | 63.9            | 230.5                | 22,600*             | 66.6             | 228.9                | 20,800*             | 69.3             | 225.0                | 18,400*             | 120                 |
|                 | 130                 | 61.3            | 225.1                | 21,900*             | 64.0             | 223.4                | 20,200*             | 66.7             | 219.5                | 17,400*             | 130                 |
|                 | 140                 | 58.6            | 219.0                | 21,300*             | 61.3             | 217.4                | 19,700*             | 63.9             | 213.3                | 16,600*             | 140                 |
|                 | 150                 | 55.8            | 212.3                | 20,700*             | 58.5             | 210.6                | 19,200*             | 61.1             | 206.4                | 15,900*             | 150                 |
|                 | 160                 | 53.0            | 204.9                | 19,800*             | 55.6             | 203.1                | 18,800*             | 58.1             | 198.7                | 15,200*             | 160                 |
|                 | 170                 | 50.0            | 196.7                | 17,500*             | 52.6             | 194.8                | 18,300*             | 55.0             | 190.2                | 14,600*             | 170                 |
|                 | 180                 | 46.9            | 187.5                | 15,600*             | 49.5             | 185.5                | 16,300*             | 51.8             | 180.6                | 14,100*             | 180                 |
|                 | 190                 | 43.6            | 177.2                | 13,800*             | 46.2             | 175.1                | 14,400*             | 48.4             | 169.9                | 13,600*             | 190                 |
|                 | 200                 | 40.1            | 165.6                | 12,200*             | 42.6             | 163.4                | 12,800*             | 44.7             | 157.8                | 13,200*             | 200                 |
|                 | 210                 | 36.3            | 152.4                | 10,800*             | 38.7             | 150.0                | 11,300*             | 40.7             | 143.8                | 11,600*             | 210                 |
|                 | 220                 | 32.1            | 137.1                | 9,500*              | 34.5             | 134.4                | 9,900*              |                  |                      |                     | 220                 |
|                 | 230                 | 27.3            | 118.9                | 8,300*              | 29.6             | 115.6                | 8,600*              |                  |                      |                     | 230                 |
|                 | 240                 | 21.6            | 95.8                 | 7,200*              |                  |                      |                     |                  |                      |                     | 240                 |
| 190             | 55                  | 80.1            | 263.4                | 27,200*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 79.0            | 262.4                | 27,100*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 77.9            | 261.2                | 27,000*             | 80.6             | 259.8                | 24,400*             |                  |                      |                     | 65                  |
|                 | 70                  | 76.7            | 260.0                | 26,500*             | 79.4             | 258.5                | 24,000*             |                  |                      |                     | 70                  |
|                 | 75                  | 75.6            | 258.7                | 26,100*             | 78.3             | 257.2                | 23,700*             |                  |                      |                     | 75                  |
|                 | 80                  | 74.4            | 257.3                | 25,700*             | 77.1             | 255.8                | 23,400*             | 79.9             | 252.1                | 21,200*             | 80                  |
|                 | 85                  | 73.3            | 255.7                | 25,300*             | 76.0             | 254.2                | 23,000*             | 78.7             | 250.6                | 20,900*             | 85                  |
|                 | 90                  | 72.1            | 254.1                | 25,000*             | 74.8             | 252.6                | 22,700*             | 77.5             | 248.9                | 20,700*             | 90                  |
|                 | 100                 | 69.8            | 250.4                | 24,200*             | 72.4             | 248.9                | 22,100*             | 75.1             | 245.1                | 20,200*             | 100                 |
|                 | 110                 | 67.4            | 246.3                | 23,500*             | 70.0             | 244.7                | 21,500*             | 72.7             | 240.9                | 19,700*             | 110                 |
|                 | 120                 | 65.0            | 241.7                | 22,900*             | 67.6             | 240.1                | 21,000*             | 70.2             | 236.2                | 18,700*             | 120                 |
|                 | 130                 | 62.5            | 236.5                | 22,200*             | 65.1             | 234.9                | 20,500*             | 67.7             | 230.9                | 17,800*             | 130                 |
|                 | 140                 | 59.9            | 230.8                | 21,600*             | 62.5             | 229.1                | 20,000*             | 65.1             | 225.0                | 16,900*             | 140                 |
|                 | 150                 | 57.3            | 224.5                | 21,000*             | 59.9             | 222.7                | 19,500*             | 62.4             | 218.5                | 16,200*             | 150                 |
|                 | 160                 | 54.6            | 217.5                | 19,200*             | 57.2             | 215.7                | 19,000*             | 59.6             | 211.3                | 15,500*             | 160                 |
|                 | 170                 | 51.9            | 209.7                | 17,000*             | 54.4             | 207.9                | 17,800*             | 56.7             | 203.3                | 14,900*             | 170                 |
|                 | 180                 | 49.0            | 201.2                | 15,000*             | 51.5             | 199.2                | 15,800*             | 53.7             | 194.5                | 14,400*             | 180                 |
|                 | 190                 | 45.9            | 191.6                | 13,300*             | 48.4             | 189.6                | 13,900*             | 50.6             | 184.6                | 13,900*             | 190                 |
|                 | 200                 | 42.7            | 181.0                | 11,700*             | 45.1             | 178.9                | 12,300*             | 47.2             | 173.5                | 12,800*             | 200                 |
|                 | 210                 | 39.3            | 169.1                | 10,300*             | 41.7             | 166.8                | 10,800*             | 43.6             | 161.0                | 11,200*             | 210                 |
|                 | 220                 | 35.6            | 155.6                | 9,000*              | 37.9             | 153.0                | 9,400*              |                  |                      |                     | 220                 |
|                 | 230                 | 31.5            | 139.9                | 7,800*              | 33.7             | 137.0                | 8,200*              |                  |                      |                     | 230                 |
|                 | 240                 | 26.8            | 121.2                | 6,700*              |                  |                      |                     |                  |                      |                     | 240                 |
|                 | 250                 | 21.1            | 97.6                 | 5,700*              |                  |                      |                     |                  |                      |                     | 250                 |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 70 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 55              | 80.5                | 273.5           | 27,300*              |                     |                  |                      |                     |                  |                      |                     | 55                  |
| 60              | 79.4                | 272.6           | 27,200*              |                     |                  |                      |                     |                  |                      |                     | 60                  |
| 65              | 78.3                | 271.5           | 27,000*              | 80.9                | 270.0            | 24,500*              |                     |                  |                      |                     | 65                  |
| 70              | 77.2                | 270.3           | 26,700*              | 79.8                | 268.8            | 24,100*              |                     |                  |                      |                     | 70                  |
| 75              | 76.1                | 269.1           | 26,300*              | 78.7                | 267.5            | 23,800*              |                     |                  |                      |                     | 75                  |
| 80              | 75.0                | 267.7           | 25,900*              | 77.6                | 266.2            | 23,500*              | 80.3                | 262.5            | 21,300*              |                     | 80                  |
| 85              | 73.9                | 266.2           | 25,600*              | 76.5                | 264.7            | 23,200*              | 79.2                | 261.0            | 21,000*              |                     | 85                  |
| 90              | 72.8                | 264.6           | 25,200*              | 75.4                | 263.1            | 22,900*              | 78.0                | 259.4            | 20,800*              |                     | 90                  |
| 100             | 70.6                | 261.1           | 24,500*              | 73.1                | 259.6            | 22,300*              | 75.7                | 255.8            | 20,300*              |                     | 100                 |
| 110             | 68.3                | 257.2           | 23,800*              | 70.8                | 255.6            | 21,700*              | 73.4                | 251.8            | 19,800*              |                     | 110                 |
| 120             | 66.0                | 252.8           | 23,100*              | 68.5                | 251.1            | 21,200*              | 71.0                | 247.2            | 19,000*              |                     | 120                 |
| 130             | 63.6                | 247.8           | 22,500*              | 66.1                | 246.2            | 20,700*              | 68.6                | 242.2            | 18,100*              |                     | 130                 |
| 140             | 61.2                | 242.4           | 21,900*              | 63.7                | 240.7            | 20,200*              | 66.1                | 236.6            | 17,300*              |                     | 140                 |
| 150             | 58.7                | 236.4           | 21,300*              | 61.2                | 234.7            | 19,700*              | 63.6                | 230.5            | 16,500*              |                     | 150                 |
| 160             | 56.2                | 229.8           | 18,800*              | 58.6                | 228.0            | 19,300*              | 61.0                | 223.6            | 15,800*              |                     | 160                 |
| 170             | 53.5                | 222.5           | 16,500*              | 56.0                | 220.6            | 17,400*              | 58.3                | 216.1            | 15,200*              |                     | 170                 |
| 180             | 50.8                | 214.4           | 14,600*              | 53.2                | 212.5            | 15,400*              | 55.5                | 207.8            | 14,700*              |                     | 180                 |
| 190             | 48.0                | 205.6           | 12,800*              | 50.4                | 203.6            | 13,500*              | 52.5                | 198.7            | 14,200*              |                     | 190                 |
| 200             | 45.0                | 195.7           | 11,200*              | 47.4                | 193.6            | 11,900*              | 49.4                | 188.5            | 12,400*              |                     | 200                 |
| 210             | 41.9                | 184.8           | 9,800*               | 44.2                | 182.6            | 10,400*              | 46.2                | 177.1            | 10,900*              |                     | 210                 |
| 220             | 38.5                | 172.6           | 8,500*               | 40.8                | 170.1            | 9,000*               | 42.6                | 164.2            | 9,400*               |                     | 220                 |
| 230             | 34.9                | 158.6           | 7,300*               | 37.1                | 156.0            | 7,700*               |                     |                  |                      |                     | 230                 |
| 240             | 30.8                | 142.6           | 6,200*               | 33.0                | 139.6            | 6,600*               |                     |                  |                      |                     | 240                 |
| 250             | 26.3                | 123.4           | 5,200*               |                     |                  |                      |                     |                  |                      |                     | 250                 |
| 260             | 20.7                | 99.3            | 4,300*               |                     |                  |                      |                     |                  |                      |                     | 260                 |
| 55              | 80.8                | 283.7           | 27,300*              |                     |                  |                      |                     |                  |                      |                     | 55                  |
| 60              | 79.8                | 282.8           | 27,200*              |                     |                  |                      |                     |                  |                      |                     | 60                  |
| 65              | 78.7                | 281.7           | 27,100*              |                     |                  |                      |                     |                  |                      |                     | 65                  |
| 70              | 77.7                | 280.6           | 26,900*              | 80.2                | 279.1            | 24,200*              |                     |                  |                      |                     | 70                  |
| 75              | 76.6                | 279.4           | 26,500*              | 79.1                | 277.9            | 23,900*              |                     |                  |                      |                     | 75                  |
| 80              | 75.6                | 278.1           | 26,100*              | 78.1                | 276.5            | 23,600*              | 80.7                | 272.8            | 21,400*              |                     | 80                  |
| 85              | 74.5                | 276.6           | 25,800*              | 77.0                | 275.1            | 23,300*              | 79.6                | 271.4            | 21,100*              |                     | 85                  |
| 90              | 73.4                | 275.1           | 25,400*              | 75.9                | 273.6            | 23,000*              | 78.5                | 269.8            | 20,900*              |                     | 90                  |
| 100             | 71.3                | 271.8           | 24,700*              | 73.8                | 270.2            | 22,500*              | 76.3                | 266.4            | 20,400*              |                     | 100                 |
| 110             | 69.1                | 268.0           | 24,000*              | 71.6                | 266.4            | 21,900*              | 74.0                | 262.5            | 20,000*              |                     | 110                 |
| 120             | 66.9                | 263.7           | 23,400*              | 69.3                | 262.1            | 21,400*              | 71.8                | 258.2            | 19,300*              |                     | 120                 |
| 130             | 64.6                | 259.0           | 22,800*              | 67.1                | 257.4            | 20,900*              | 69.5                | 253.4            | 18,400*              |                     | 130                 |
| 140             | 62.3                | 253.8           | 22,200*              | 64.7                | 252.2            | 20,400*              | 67.1                | 248.1            | 17,600*              |                     | 140                 |
| 150             | 60.0                | 248.1           | 20,900*              | 62.4                | 246.4            | 19,900*              | 64.7                | 242.2            | 16,800*              |                     | 150                 |
| 160             | 57.5                | 241.8           | 18,400*              | 59.9                | 240.1            | 19,400*              | 62.2                | 235.8            | 16,100*              |                     | 160                 |
| 170             | 55.0                | 234.9           | 16,100*              | 57.4                | 233.1            | 17,100*              | 59.6                | 228.7            | 15,500*              |                     | 170                 |
| 180             | 52.5                | 227.3           | 14,200*              | 54.8                | 225.5            | 15,000*              | 57.0                | 220.9            | 15,000*              |                     | 180                 |
| 190             | 49.8                | 219.0           | 12,400*              | 52.1                | 217.1            | 13,200*              | 54.3                | 212.3            | 13,900*              |                     | 190                 |
| 200             | 47.0                | 209.9           | 10,800*              | 49.3                | 207.8            | 11,500*              | 51.4                | 202.8            | 12,100*              |                     | 200                 |
| 210             | 44.1                | 199.7           | 9,400*               | 46.4                | 197.6            | 10,000*              | 48.4                | 192.3            | 10,600*              |                     | 210                 |
| 220             | 41.0                | 188.5           | 8,100*               | 43.3                | 186.2            | 8,700*               | 45.2                | 180.6            | 9,100*               |                     | 220                 |
| 230             | 37.8                | 175.9           | 6,900*               | 39.9                | 173.4            | 7,400*               | 41.7                | 167.3            | 7,800*               |                     | 230                 |
| 240             | 34.2                | 161.7           | 5,900*               | 36.3                | 159.0            | 6,300*               |                     |                  |                      |                     | 240                 |
| 250             | 30.3                | 145.2           | 4,800*               | 32.3                | 142.2            | 5,200*               |                     |                  |                      |                     | 250                 |



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 2**

**JIB NO. 134 WITH 12'6" STRUT ON  
 BOOM NO. 22EL  
 179,100 LB. CRANE COUNTERWEIGHT  
 44,000 LB. CARBODY COUNTERWEIGHT  
 28'2" CRAWLERS EXTENDED  
 360 DEGREE RATING**

**70 FOOT JIB**

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| <b>220</b>      | 60                  | 80.1            | 293.0                | 27,200*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 79.1            | 292.0                | 27,100*             |                  |                      |                     |                  |                      |                     | 65                  |
|                 | 70                  | 78.1            | 290.9                | 27,000*             | 80.6             | 289.3                | 24,400*             |                  |                      |                     | 70                  |
|                 | 75                  | 77.1            | 289.7                | 26,700*             | 79.5             | 288.2                | 24,000*             |                  |                      |                     | 75                  |
|                 | 80                  | 76.1            | 288.4                | 26,300*             | 78.5             | 286.9                | 23,700*             | 81.0             | 283.1                | 21,400*             | 80                  |
|                 | 85                  | 75.1            | 287.0                | 26,000*             | 77.5             | 285.5                | 23,500*             | 80.0             | 281.7                | 21,200*             | 85                  |
|                 | 90                  | 74.0            | 285.6                | 25,600*             | 76.4             | 284.0                | 23,200*             | 78.9             | 280.2                | 21,000*             | 90                  |
|                 | 100                 | 72.0            | 282.4                | 24,900*             | 74.4             | 280.8                | 22,600*             | 76.8             | 276.9                | 20,500*             | 100                 |
|                 | 110                 | 69.9            | 278.7                | 24,300*             | 72.2             | 277.1                | 22,100*             | 74.6             | 273.2                | 20,100*             | 110                 |
|                 | 120                 | 67.7            | 274.7                | 23,600*             | 70.1             | 273.0                | 21,600*             | 72.5             | 269.1                | 19,600*             | 120                 |
|                 | 130                 | 65.6            | 270.2                | 23,000*             | 67.9             | 268.5                | 21,100*             | 70.3             | 264.5                | 18,700*             | 130                 |
|                 | 140                 | 63.4            | 265.2                | 22,500*             | 65.7             | 263.5                | 20,600*             | 68.0             | 259.4                | 17,900*             | 140                 |
|                 | 150                 | 61.1            | 259.7                | 20,500              | 63.4             | 258.0                | 20,100*             | 65.7             | 253.8                | 17,100*             | 150                 |
|                 | 160                 | 58.8            | 253.7                | 17,900              | 61.1             | 252.0                | 19,000              | 63.3             | 247.7                | 16,400*             | 160                 |
|                 | 170                 | 56.4            | 247.2                | 15,700              | 58.7             | 245.3                | 16,700              | 60.9             | 240.9                | 15,800*             | 170                 |
|                 | 180                 | 54.0            | 240.0                | 13,700              | 56.3             | 238.1                | 14,600              | 58.4             | 233.6                | 15,200*             | 180                 |
|                 | 190                 | 51.5            | 232.1                | 11,900              | 53.7             | 230.2                | 12,700              | 55.8             | 225.5                | 13,500              | 190                 |
|                 | 200                 | 48.9            | 223.5                | 10,400              | 51.1             | 221.5                | 11,100              | 53.1             | 216.6                | 11,800              | 200                 |
|                 | 210                 | 46.2            | 214.1                | 8,900               | 48.4             | 212.0                | 9,600               | 50.3             | 206.8                | 10,200              | 210                 |
|                 | 220                 | 43.3            | 203.7                | 7,600               | 45.5             | 201.4                | 8,200               | 47.3             | 196.0                | 8,800               | 220                 |
| 230             | 40.3                | 192.1           | 6,500                | 42.4                | 189.7            | 7,000                | 44.2                | 183.9            | 7,400                | 230                 |                     |
| 240             | 37.1                | 179.2           | 5,400                | 39.2                | 176.7            | 5,800                | 40.8                | 170.4            | 6,200                | 240                 |                     |
| 250             | 33.6                | 164.6           | 4,400                | 35.6                | 161.8            | 4,800                |                     |                  |                      | 250                 |                     |
| <b>230</b>      | 60                  | 80.5            | 303.1                | 27,300*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 79.5            | 302.2                | 27,200*             |                  |                      |                     |                  |                      |                     | 65                  |
|                 | 70                  | 78.5            | 301.1                | 27,100*             | 80.9             | 299.6                | 24,500*             |                  |                      |                     | 70                  |
|                 | 75                  | 77.5            | 300.0                | 26,900*             | 79.9             | 298.4                | 24,200*             |                  |                      |                     | 75                  |
|                 | 80                  | 76.6            | 298.7                | 26,500*             | 78.9             | 297.2                | 23,900*             |                  |                      |                     | 80                  |
|                 | 85                  | 75.6            | 297.4                | 26,200*             | 77.9             | 295.9                | 23,600*             | 80.3             | 292.1                | 21,300*             | 85                  |
|                 | 90                  | 74.6            | 296.0                | 25,800*             | 76.9             | 294.4                | 23,300*             | 79.3             | 290.6                | 21,000*             | 90                  |
|                 | 100                 | 72.6            | 292.9                | 25,100*             | 74.9             | 291.3                | 22,800*             | 77.3             | 287.5                | 20,600*             | 100                 |
|                 | 110                 | 70.6            | 289.4                | 24,500*             | 72.9             | 287.8                | 22,200*             | 75.2             | 283.9                | 20,200*             | 110                 |
|                 | 120                 | 68.5            | 285.5                | 23,900*             | 70.8             | 283.9                | 21,700*             | 73.1             | 279.9                | 19,800*             | 120                 |
|                 | 130                 | 66.4            | 281.2                | 23,300*             | 68.7             | 279.5                | 21,200*             | 71.0             | 275.5                | 19,000*             | 130                 |
|                 | 140                 | 64.3            | 276.4                | 22,700*             | 66.6             | 274.7                | 20,800*             | 68.8             | 270.6                | 18,200*             | 140                 |
|                 | 150                 | 62.2            | 271.2                | 19,900              | 64.4             | 269.4                | 20,300*             | 66.6             | 265.3                | 17,400*             | 150                 |
|                 | 160                 | 60.0            | 265.4                | 17,400              | 62.2             | 263.7                | 18,500              | 64.4             | 259.4                | 16,700*             | 160                 |
|                 | 170                 | 57.7            | 259.2                | 15,100              | 59.9             | 257.4                | 16,200              | 62.0             | 253.0                | 16,100*             | 170                 |
|                 | 180                 | 55.4            | 252.4                | 13,200              | 57.6             | 250.5                | 14,100              | 59.7             | 246.0                | 15,000              | 180                 |
|                 | 190                 | 53.0            | 244.9                | 11,400              | 55.2             | 243.0                | 12,300              | 57.2             | 238.3                | 13,100              | 190                 |
|                 | 200                 | 50.5            | 236.8                | 9,800               | 52.7             | 234.8                | 10,600              | 54.7             | 230.0                | 11,300              | 200                 |
|                 | 210                 | 48.0            | 227.9                | 8,400               | 50.1             | 225.9                | 9,100               | 52.1             | 220.8                | 9,800               | 210                 |
|                 | 220                 | 45.3            | 218.2                | 7,100               | 47.4             | 216.0                | 7,700               | 49.3             | 210.8                | 8,300               | 220                 |
| 230             | 42.5                | 207.5           | 5,900                | 44.6                | 205.2            | 6,500                | 46.4                | 199.6            | 7,000                | 230                 |                     |
| 240             | 39.6                | 195.7           | 4,800                | 41.6                | 193.2            | 5,400                | 43.3                | 187.3            | 5,800                | 240                 |                     |
| 250             |                     |                 |                      | 38.4                | 179.8            | 4,300                |                     |                  |                      | 250                 |                     |
| <b>240</b>      | 60                  | 80.8            | 313.3                | 27,300*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 79.8            | 312.4                | 27,200*             |                  |                      |                     |                  |                      |                     | 65                  |
|                 | 70                  | 78.9            | 311.3                | 27,100*             |                  |                      |                     |                  |                      |                     | 70                  |
|                 | 75                  | 78.0            | 310.2                | 27,000*             | 80.2             | 308.7                | 24,300*             |                  |                      |                     | 75                  |
|                 | 80                  | 77.0            | 309.1                | 26,700*             | 79.3             | 307.5                | 24,000*             |                  |                      |                     | 80                  |
|                 | 85                  | 76.1            | 307.8                | 26,300*             | 78.3             | 306.2                | 23,700*             | 80.6             | 302.4                | 21,400*             | 85                  |
|                 | 90                  | 75.1            | 306.4                | 26,000*             | 77.4             | 304.8                | 23,400*             | 79.7             | 301.0                | 21,100*             | 90                  |
|                 | 100                 | 73.2            | 303.4                | 25,300*             | 75.4             | 301.8                | 22,900*             | 77.7             | 297.9                | 20,700*             | 100                 |
|                 | 110                 | 71.2            | 300.0                | 24,700*             | 73.4             | 298.4                | 22,400*             | 75.7             | 294.5                | 20,300*             | 110                 |
|                 | 120                 | 69.2            | 296.3                | 24,100*             | 71.5             | 294.6                | 21,900*             | 73.7             | 290.7                | 19,900*             | 120                 |
|                 | 130                 | 67.2            | 292.1                | 23,500*             | 69.4             | 290.5                | 21,400*             | 71.6             | 286.4                | 19,300*             | 130                 |
|                 | 140                 | 65.2            | 287.5                | 22,400              | 67.4             | 285.8                | 21,000*             | 69.6             | 281.7                | 18,400*             | 140                 |
|                 | 150                 | 63.1            | 282.5                | 19,500              | 65.3             | 280.8                | 20,500*             | 67.5             | 276.6                | 17,700*             | 150                 |
|                 | 160                 | 61.0            | 277.0                | 16,900              | 63.2             | 275.3                | 18,100              | 65.3             | 271.0                | 17,000*             | 160                 |
|                 | 170                 | 58.9            | 271.0                | 14,700              | 61.0             | 269.3                | 15,700              | 63.1             | 264.9                | 16,400*             | 170                 |
|                 | 180                 | 56.7            | 264.5                | 12,700              | 58.8             | 262.7                | 13,700              | 60.8             | 258.2                | 14,600              | 180                 |
|                 | 190                 | 54.4            | 257.5                | 10,900              | 56.5             | 255.6                | 11,800              | 58.5             | 250.9                | 12,700              | 190                 |
|                 | 200                 | 52.1            | 249.8                | 9,300               | 54.2             | 247.8                | 10,200              | 56.1             | 243.0                | 10,900              | 200                 |
|                 | 210                 | 49.7            | 241.4                | 7,900               | 51.7             | 239.3                | 8,700               | 53.6             | 234.4                | 9,400               | 210                 |
|                 | 220                 | 47.2            | 232.2                | 6,600               | 49.2             | 230.1                | 7,300               | 51.0             | 225.0                | 7,900               | 220                 |
| 230             | 44.5                | 222.2           | 5,400                | 46.6                | 220.0            | 6,100                | 48.3                | 214.6            | 6,600                | 230                 |                     |
| 240             | 41.8                | 211.3           | 4,400                | 43.8                | 208.9            | 4,900                | 45.5                | 203.2            | 5,400                | 240                 |                     |
| 250             |                     |                 |                      |                     |                  |                      | 42.5                | 190.6            | 4,300                | 250                 |                     |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 70 FOOT JIB

| BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RAD.<br>FEET | 5 DEGREE OFFSET      |                               |                           | 15 DEGREE OFFSET     |                               |                           | 25 DEGREE OFFSET     |                               |                           | JIB<br>OPER.<br>RAD.<br>FEET |
|-----------------------|------------------------------|----------------------|-------------------------------|---------------------------|----------------------|-------------------------------|---------------------------|----------------------|-------------------------------|---------------------------|------------------------------|
|                       |                              | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACITY<br>POUNDS |                              |
| <b>250</b>            | 65                           | 80.2                 | 322.5                         | 27,300*                   |                      |                               |                           |                      |                               |                           | 65                           |
|                       | 70                           | 79.3                 | 321.6                         | 27,200*                   |                      |                               |                           |                      |                               |                           | 70                           |
|                       | 75                           | 78.3                 | 320.5                         | 27,100*                   | 80.5                 | 318.9                         | 24,400*                   |                      |                               |                           | 75                           |
|                       | 80                           | 77.4                 | 319.3                         | 26,800*                   | 79.6                 | 317.8                         | 24,100*                   |                      |                               |                           | 80                           |
|                       | 85                           | 76.5                 | 318.1                         | 26,500*                   | 78.7                 | 316.5                         | 23,800*                   | 80.9                 | 312.7                         | 21,400*                   | 85                           |
|                       | 90                           | 75.6                 | 316.8                         | 26,200*                   | 77.8                 | 315.2                         | 23,500*                   | 80.0                 | 311.3                         | 21,200*                   | 90                           |
|                       | 100                          | 73.7                 | 313.9                         | 25,500*                   | 75.9                 | 312.3                         | 23,000*                   | 78.1                 | 308.4                         | 20,800*                   | 100                          |
|                       | 110                          | 71.8                 | 310.6                         | 24,900*                   | 74.0                 | 309.0                         | 22,500*                   | 76.2                 | 305.1                         | 20,400*                   | 110                          |
|                       | 120                          | 69.9                 | 307.0                         | 24,300*                   | 72.1                 | 305.4                         | 22,000*                   | 74.2                 | 301.4                         | 20,000*                   | 120                          |
|                       | 130                          | 68.0                 | 303.0                         | 23,700*                   | 70.1                 | 301.3                         | 21,600*                   | 72.3                 | 297.3                         | 19,500*                   | 130                          |
|                       | 140                          | 66.0                 | 298.6                         | 22,400                    | 68.2                 | 296.9                         | 21,100*                   | 70.3                 | 292.8                         | 18,700*                   | 140                          |
|                       | 150                          | 64.0                 | 293.8                         | 19,400                    | 66.2                 | 292.0                         | 20,700*                   | 68.2                 | 287.9                         | 18,000*                   | 150                          |
|                       | 160                          | 62.0                 | 288.5                         | 16,900                    | 64.1                 | 286.7                         | 18,100                    | 66.2                 | 282.5                         | 17,300*                   | 160                          |
|                       | 170                          | 60.0                 | 282.8                         | 14,600                    | 62.1                 | 281.0                         | 15,700                    | 64.1                 | 276.6                         | 16,600*                   | 170                          |
|                       | 180                          | 57.8                 | 276.5                         | 12,700                    | 59.9                 | 274.7                         | 13,700                    | 61.9                 | 270.2                         | 14,600                    | 180                          |
|                       | 190                          | 55.7                 | 269.8                         | 10,900                    | 57.8                 | 267.9                         | 11,800                    | 59.7                 | 263.3                         | 12,700                    | 190                          |
|                       | 200                          | 53.5                 | 262.5                         | 9,300                     | 55.5                 | 260.5                         | 10,200                    | 57.4                 | 255.8                         | 11,000                    | 200                          |
|                       | 210                          | 51.2                 | 254.5                         | 7,900                     | 53.2                 | 252.5                         | 8,700                     | 55.1                 | 247.6                         | 9,400                     | 210                          |
|                       | 220                          | 48.8                 | 245.9                         | 6,600                     | 50.8                 | 243.8                         | 7,300                     | 52.6                 | 238.7                         | 8,000                     | 220                          |
|                       | 230                          | 46.4                 | 236.5                         | 5,400                     | 48.3                 | 234.3                         | 6,100                     | 50.1                 | 229.0                         | 6,700                     | 230                          |
| 240                   | 43.8                         | 226.2                | 4,400                         | 45.8                      | 223.9                | 4,900                         | 47.4                      | 218.4                | 5,400                         | 240                       |                              |
| 250                   |                              |                      |                               |                           |                      |                               | 44.6                      | 206.7                | 4,300                         | 250                       |                              |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



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REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 80 FOOT JIB

| BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RAD.<br>FEET | 5 DEGREE OFFSET      |                               |                               | 15 DEGREE OFFSET     |                               |                               | 25 DEGREE OFFSET     |                               |                               | JIB<br>OPER.<br>RAD.<br>FEET |
|-----------------------|------------------------------|----------------------|-------------------------------|-------------------------------|----------------------|-------------------------------|-------------------------------|----------------------|-------------------------------|-------------------------------|------------------------------|
|                       |                              | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACI<br>TY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACI<br>TY<br>POUNDS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>FEET | JIB<br>CAPACI<br>TY<br>POUNDS |                              |
| 90                    | 40                           | 79.5                 | 174.7                         | 20,600*                       |                      |                               |                               |                      |                               |                               | 40                           |
|                       | 45                           | 77.8                 | 173.6                         | 20,400*                       |                      |                               |                               |                      |                               |                               | 45                           |
|                       | 50                           | 76.1                 | 172.3                         | 20,300*                       | 80.9                 | 171.3                         | 19,800*                       |                      |                               |                               | 50                           |
|                       | 55                           | 74.3                 | 170.9                         | 20,100*                       | 79.1                 | 169.8                         | 19,700*                       |                      |                               |                               | 55                           |
|                       | 60                           | 72.5                 | 169.3                         | 19,900*                       | 77.3                 | 168.2                         | 19,500*                       |                      |                               |                               | 60                           |
|                       | 65                           | 70.8                 | 167.5                         | 19,800*                       | 75.5                 | 166.5                         | 19,100*                       | 80.5                 | 163.6                         | 17,600*                       | 65                           |
|                       | 70                           | 68.9                 | 165.6                         | 19,700*                       | 73.7                 | 164.5                         | 18,600*                       | 78.7                 | 161.6                         | 17,200*                       | 70                           |
|                       | 75                           | 67.1                 | 163.5                         | 19,500*                       | 71.9                 | 162.4                         | 18,200*                       | 76.8                 | 159.4                         | 16,800*                       | 75                           |
|                       | 80                           | 65.3                 | 161.1                         | 19,100*                       | 70.0                 | 160.0                         | 17,700*                       | 74.9                 | 157.0                         | 16,500*                       | 80                           |
|                       | 85                           | 63.4                 | 158.6                         | 18,600*                       | 68.1                 | 157.5                         | 17,300*                       | 72.9                 | 154.4                         | 16,100*                       | 85                           |
|                       | 90                           | 61.4                 | 155.9                         | 18,100*                       | 66.1                 | 154.7                         | 16,900*                       | 71.0                 | 151.6                         | 15,800*                       | 90                           |
|                       | 100                          | 57.5                 | 149.7                         | 17,300*                       | 62.2                 | 148.5                         | 16,200*                       | 66.9                 | 145.3                         | 15,000*                       | 100                          |
|                       | 110                          | 53.3                 | 142.5                         | 16,400*                       | 58.0                 | 141.3                         | 15,500*                       | 62.6                 | 137.8                         | 14,300*                       | 110                          |
|                       | 120                          | 48.9                 | 134.2                         | 15,700*                       | 53.5                 | 132.8                         | 14,800*                       | 58.0                 | 129.1                         | 12,900*                       | 120                          |
|                       | 130                          | 44.2                 | 124.3                         | 14,900*                       | 48.7                 | 122.9                         | 14,200*                       | 53.1                 | 118.9                         | 12,000*                       | 130                          |
|                       | 140                          | 39.0                 | 112.7                         | 14,300*                       | 43.5                 | 111.0                         | 13,700*                       | 47.6                 | 106.5                         | 11,300*                       | 140                          |
| 150                   | 33.2                         | 98.4                 | 13,700*                       | 37.5                          | 96.5                 | 13,100*                       | 41.3                          | 91.2                 | 10,700*                       | 150                           |                              |
| 160                   | 26.1                         | 80.0                 | 13,200*                       | 30.3                          | 77.6                 | 12,300*                       |                               |                      |                               | 160                           |                              |
| 100                   | 40                           | 80.1                 | 184.9                         | 20,600*                       |                      |                               |                               |                      |                               |                               | 40                           |
|                       | 45                           | 78.5                 | 183.8                         | 20,500*                       |                      |                               |                               |                      |                               |                               | 45                           |
|                       | 50                           | 76.8                 | 182.6                         | 20,300*                       |                      |                               |                               |                      |                               |                               | 50                           |
|                       | 55                           | 75.2                 | 181.3                         | 20,200*                       | 79.7                 | 180.2                         | 19,700*                       |                      |                               |                               | 55                           |
|                       | 60                           | 73.5                 | 179.8                         | 20,000*                       | 78.1                 | 178.7                         | 19,600*                       |                      |                               |                               | 60                           |
|                       | 65                           | 71.9                 | 178.1                         | 19,900*                       | 76.4                 | 177.0                         | 19,300*                       |                      |                               |                               | 65                           |
|                       | 70                           | 70.2                 | 176.3                         | 19,800*                       | 74.7                 | 175.2                         | 18,900*                       | 79.4                 | 172.2                         | 17,400*                       | 70                           |
|                       | 75                           | 68.5                 | 174.3                         | 19,600*                       | 72.9                 | 173.2                         | 18,400*                       | 77.6                 | 170.1                         | 17,000*                       | 75                           |
|                       | 80                           | 66.7                 | 172.2                         | 19,400*                       | 71.2                 | 171.0                         | 18,000*                       | 75.8                 | 167.9                         | 16,700*                       | 80                           |
|                       | 85                           | 65.0                 | 169.8                         | 19,000*                       | 69.4                 | 168.6                         | 17,600*                       | 74.0                 | 165.5                         | 16,300*                       | 85                           |
|                       | 90                           | 63.2                 | 167.3                         | 18,500*                       | 67.6                 | 166.1                         | 17,300*                       | 72.2                 | 162.9                         | 16,000*                       | 90                           |
|                       | 100                          | 59.5                 | 161.6                         | 17,700*                       | 63.9                 | 160.3                         | 16,500*                       | 68.4                 | 157.0                         | 15,400*                       | 100                          |
|                       | 110                          | 55.7                 | 155.0                         | 16,900*                       | 60.1                 | 153.7                         | 15,800*                       | 64.5                 | 150.2                         | 14,300*                       | 110                          |
|                       | 120                          | 51.7                 | 147.4                         | 16,100*                       | 56.0                 | 146.0                         | 15,200*                       | 60.3                 | 142.3                         | 13,400*                       | 120                          |
|                       | 130                          | 47.5                 | 138.5                         | 15,400*                       | 51.8                 | 137.1                         | 14,600*                       | 55.9                 | 133.1                         | 12,500*                       | 130                          |
|                       | 140                          | 42.9                 | 128.2                         | 14,800*                       | 47.1                 | 126.6                         | 14,000*                       | 51.1                 | 122.3                         | 11,800*                       | 140                          |
| 150                   | 37.9                         | 116.0                | 14,100*                       | 42.0                          | 114.3                | 13,600*                       | 45.8                          | 109.4                | 11,100*                       | 150                           |                              |
| 160                   | 32.2                         | 101.2                | 13,600*                       | 36.2                          | 99.2                 | 12,900*                       | 39.7                          | 93.5                 | 10,600*                       | 160                           |                              |
| 170                   | 25.3                         | 82.2                 | 13,100*                       | 29.2                          | 79.6                 | 12,200*                       |                               |                      |                               | 170                           |                              |
| 110                   | 40                           | 80.6                 | 195.0                         | 20,700*                       |                      |                               |                               |                      |                               |                               | 40                           |
|                       | 45                           | 79.1                 | 194.1                         | 20,500*                       |                      |                               |                               |                      |                               |                               | 45                           |
|                       | 50                           | 77.6                 | 192.9                         | 20,400*                       |                      |                               |                               |                      |                               |                               | 50                           |
|                       | 55                           | 76.0                 | 191.7                         | 20,300*                       | 80.3                 | 190.5                         | 19,800*                       |                      |                               |                               | 55                           |
|                       | 60                           | 74.4                 | 190.3                         | 20,100*                       | 78.7                 | 189.1                         | 19,600*                       |                      |                               |                               | 60                           |
|                       | 65                           | 72.9                 | 188.7                         | 20,000*                       | 77.1                 | 187.5                         | 19,500*                       |                      |                               |                               | 65                           |
|                       | 70                           | 71.3                 | 187.0                         | 19,800*                       | 75.5                 | 185.8                         | 19,100*                       | 80.0                 | 182.7                         | 17,500*                       | 70                           |
|                       | 75                           | 69.7                 | 185.1                         | 19,700*                       | 73.9                 | 183.9                         | 18,700*                       | 78.3                 | 180.8                         | 17,200*                       | 75                           |
|                       | 80                           | 68.0                 | 183.1                         | 19,600*                       | 72.3                 | 181.9                         | 18,300*                       | 76.6                 | 178.7                         | 16,800*                       | 80                           |
|                       | 85                           | 66.4                 | 180.9                         | 19,300*                       | 70.6                 | 179.7                         | 17,900*                       | 75.0                 | 176.4                         | 16,500*                       | 85                           |
|                       | 90                           | 64.7                 | 178.5                         | 18,900*                       | 68.9                 | 177.3                         | 17,500*                       | 73.2                 | 174.0                         | 16,200*                       | 90                           |
|                       | 100                          | 61.3                 | 173.2                         | 18,100*                       | 65.5                 | 171.9                         | 16,800*                       | 69.7                 | 168.5                         | 15,600*                       | 100                          |
|                       | 110                          | 57.8                 | 167.1                         | 17,300*                       | 61.9                 | 165.8                         | 16,100*                       | 66.1                 | 162.2                         | 14,800*                       | 110                          |
|                       | 120                          | 54.1                 | 160.1                         | 16,600*                       | 58.2                 | 158.7                         | 15,500*                       | 62.3                 | 155.0                         | 13,800*                       | 120                          |
|                       | 130                          | 50.2                 | 152.0                         | 15,900*                       | 54.3                 | 150.6                         | 14,900*                       | 58.3                 | 146.6                         | 12,900*                       | 130                          |
|                       | 140                          | 46.1                 | 142.8                         | 15,200*                       | 50.1                 | 141.2                         | 14,400*                       | 54.0                 | 137.0                         | 12,200*                       | 140                          |
| 150                   | 41.7                         | 132.0                | 14,600*                       | 45.7                          | 130.3                | 13,900*                       | 49.3                          | 125.7                | 11,500*                       | 150                           |                              |
| 160                   | 36.8                         | 119.3                | 14,000*                       | 40.7                          | 117.4                | 13,500*                       | 44.2                          | 112.3                | 11,000*                       | 160                           |                              |
| 170                   | 31.3                         | 104.0                | 13,500*                       | 35.1                          | 101.8                | 12,800*                       |                               |                      |                               | 170                           |                              |
| 180                   | 24.6                         | 84.3                 | 13,100*                       | 28.2                          | 81.5                 | 12,100*                       |                               |                      |                               | 180                           |                              |



# LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 2**

**JIB NO. 134 WITH 12'6" STRUT ON  
 BOOM NO. 22EL  
 179,100 LB. CRANE COUNTERWEIGHT  
 44,000 LB. CARBODY COUNTERWEIGHT  
 28'2" CRAWLERS EXTENDED  
 360 DEGREE RATING**

**80 FOOT JIB**

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 120             | 45                  | 79.7            | 204.3                | 20,600*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 78.2            | 203.2                | 20,500*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 76.7            | 202.0                | 20,300*             | 80.8             | 200.8                | 19,800*             |                  |                      |                     | 55                  |
|                 | 60                  | 75.2            | 200.7                | 20,200*             | 79.3             | 199.5                | 19,700*             |                  |                      |                     | 60                  |
|                 | 65                  | 73.7            | 199.2                | 20,100*             | 77.8             | 198.0                | 19,600*             |                  |                      |                     | 65                  |
|                 | 70                  | 72.2            | 197.6                | 19,900*             | 76.3             | 196.4                | 19,300*             | 80.5             | 193.1                | 17,600*             | 70                  |
|                 | 75                  | 70.7            | 195.8                | 19,800*             | 74.7             | 194.6                | 18,900*             | 78.9             | 191.3                | 17,300*             | 75                  |
|                 | 80                  | 69.2            | 193.9                | 19,700*             | 73.2             | 192.7                | 18,500*             | 77.4             | 189.4                | 17,000*             | 80                  |
|                 | 85                  | 67.6            | 191.8                | 19,600*             | 71.6             | 190.6                | 18,100*             | 75.8             | 187.2                | 16,600*             | 85                  |
|                 | 90                  | 66.1            | 189.6                | 19,300*             | 70.1             | 188.3                | 17,800*             | 74.2             | 185.0                | 16,300*             | 90                  |
|                 | 100                 | 62.9            | 184.6                | 18,500*             | 66.8             | 183.3                | 17,100*             | 70.9             | 179.8                | 15,800*             | 100                 |
|                 | 110                 | 59.6            | 178.9                | 17,700*             | 63.5             | 177.6                | 16,400*             | 67.5             | 174.0                | 15,200*             | 110                 |
|                 | 120                 | 56.1            | 172.4                | 17,000*             | 60.1             | 171.0                | 15,800*             | 64.0             | 167.3                | 14,200*             | 120                 |
|                 | 130                 | 52.6            | 165.0                | 16,300*             | 56.5             | 163.5                | 15,200*             | 60.3             | 159.6                | 13,300*             | 130                 |
|                 | 140                 | 48.8            | 156.5                | 15,600*             | 52.7             | 155.0                | 14,700*             | 56.4             | 150.8                | 12,600*             | 140                 |
|                 | 150                 | 44.8            | 146.8                | 15,000*             | 48.7             | 145.2                | 14,200*             | 52.2             | 140.7                | 11,900*             | 150                 |
|                 | 160                 | 40.5            | 135.6                | 14,500*             | 44.3             | 133.9                | 13,800*             | 47.7             | 129.0                | 11,300*             | 160                 |
|                 | 170                 | 35.8            | 122.5                | 13,900*             | 39.5             | 120.5                | 13,400*             | 42.7             | 115.0                | 10,800*             | 170                 |
|                 | 180                 | 30.4            | 106.6                | 13,500*             | 34.0             | 104.3                | 12,700*             |                  |                      |                     | 180                 |
| 190             | 24.0                | 86.4            | 13,100*              |                     |                  |                      |                     |                  |                      | 190                 |                     |
| 130             | 45                  | 80.2            | 214.4                | 20,700*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 78.8            | 213.4                | 20,500*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 77.4            | 212.3                | 20,400*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 76.0            | 211.0                | 20,300*             | 79.8             | 209.8                | 19,700*             |                  |                      |                     | 60                  |
|                 | 65                  | 74.5            | 209.6                | 20,100*             | 78.4             | 208.4                | 19,600*             |                  |                      |                     | 65                  |
|                 | 70                  | 73.1            | 208.1                | 20,000*             | 77.0             | 206.9                | 19,400*             | 81.0             | 203.6                | 17,700*             | 70                  |
|                 | 75                  | 71.7            | 206.4                | 19,900*             | 75.5             | 205.2                | 19,100*             | 79.5             | 201.8                | 17,400*             | 75                  |
|                 | 80                  | 70.2            | 204.6                | 19,800*             | 74.1             | 203.4                | 18,700*             | 78.0             | 200.0                | 17,100*             | 80                  |
|                 | 85                  | 68.8            | 202.7                | 19,700*             | 72.6             | 201.4                | 18,400*             | 76.5             | 198.0                | 16,800*             | 85                  |
|                 | 90                  | 67.3            | 200.5                | 19,500*             | 71.1             | 199.3                | 18,000*             | 75.0             | 195.8                | 16,500*             | 90                  |
|                 | 100                 | 64.3            | 195.9                | 18,800*             | 68.1             | 194.5                | 17,300*             | 71.9             | 191.0                | 15,900*             | 100                 |
|                 | 110                 | 61.2            | 190.5                | 18,100*             | 64.9             | 189.2                | 16,700*             | 68.7             | 185.5                | 15,400*             | 110                 |
|                 | 120                 | 58.0            | 184.4                | 17,400*             | 61.7             | 183.0                | 16,100*             | 65.5             | 179.3                | 14,600*             | 120                 |
|                 | 130                 | 54.7            | 177.5                | 16,700*             | 58.4             | 176.1                | 15,500*             | 62.0             | 172.2                | 13,700*             | 130                 |
|                 | 140                 | 51.2            | 169.7                | 16,000*             | 54.9             | 168.2                | 15,000*             | 58.5             | 164.1                | 13,000*             | 140                 |
|                 | 150                 | 47.6            | 160.9                | 15,400*             | 51.2             | 159.3                | 14,500*             | 54.7             | 154.9                | 12,300*             | 150                 |
|                 | 160                 | 43.7            | 150.8                | 14,900*             | 47.3             | 149.1                | 14,100*             | 50.6             | 144.4                | 11,700*             | 160                 |
|                 | 170                 | 39.5            | 139.2                | 14,300*             | 43.1             | 137.3                | 13,700*             | 46.2             | 132.2                | 11,200*             | 170                 |
|                 | 180                 | 34.9            | 125.6                | 13,800*             | 38.4             | 123.5                | 13,200*             | 41.3             | 117.7                | 10,700*             | 180                 |
| 190             | 29.7                | 109.2           | 13,400*              | 33.0                | 106.8            | 12,600*              |                     |                  |                      | 190                 |                     |
| 200             | 23.4                | 88.4            | 13,000*              |                     |                  |                      |                     |                  |                      | 200                 |                     |
| 140             | 45                  | 80.6            | 224.6                | 20,700*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 79.3            | 223.7                | 20,600*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 77.9            | 222.6                | 20,400*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 76.6            | 221.4                | 20,300*             | 80.3             | 220.1                | 19,800*             |                  |                      |                     | 60                  |
|                 | 65                  | 75.3            | 220.0                | 20,200*             | 78.9             | 218.8                | 19,700*             |                  |                      |                     | 65                  |
|                 | 70                  | 73.9            | 218.6                | 20,100*             | 77.6             | 217.3                | 19,600*             |                  |                      |                     | 70                  |
|                 | 75                  | 72.5            | 217.0                | 20,000*             | 76.2             | 215.7                | 19,300*             | 80.0             | 212.3                | 17,500*             | 75                  |
|                 | 80                  | 71.2            | 215.3                | 19,800*             | 74.8             | 214.0                | 18,900*             | 78.6             | 210.5                | 17,200*             | 80                  |
|                 | 85                  | 69.8            | 213.4                | 19,700*             | 73.4             | 212.1                | 18,600*             | 77.2             | 208.6                | 16,900*             | 85                  |
|                 | 90                  | 68.4            | 211.4                | 19,600*             | 72.0             | 210.1                | 18,200*             | 75.8             | 206.6                | 16,600*             | 90                  |
|                 | 100                 | 65.5            | 207.0                | 19,100*             | 69.1             | 205.6                | 17,600*             | 72.8             | 202.1                | 16,100*             | 100                 |
|                 | 110                 | 62.6            | 201.9                | 18,400*             | 66.2             | 200.6                | 17,000*             | 69.8             | 196.9                | 15,600*             | 110                 |
|                 | 120                 | 59.6            | 196.2                | 17,700*             | 63.2             | 194.8                | 16,400*             | 66.8             | 191.0                | 15,000*             | 120                 |
|                 | 130                 | 56.5            | 189.8                | 17,100*             | 60.1             | 188.3                | 15,800*             | 63.6             | 184.4                | 14,100*             | 130                 |
|                 | 140                 | 53.3            | 182.5                | 16,400*             | 56.8             | 181.0                | 15,300*             | 60.3             | 176.9                | 13,300*             | 140                 |
|                 | 150                 | 49.9            | 174.4                | 15,800*             | 53.4             | 172.8                | 14,800*             | 56.8             | 168.5                | 12,600*             | 150                 |
|                 | 160                 | 46.4            | 165.2                | 15,300*             | 49.9             | 163.5                | 14,400*             | 53.1             | 158.9                | 12,000*             | 160                 |
|                 | 170                 | 42.6            | 154.7                | 14,700*             | 46.0             | 152.9                | 13,900*             | 49.2             | 147.9                | 11,500*             | 170                 |
|                 | 180                 | 38.5            | 142.7                | 14,200*             | 41.9             | 140.7                | 13,600*             | 44.9             | 135.3                | 11,000*             | 180                 |
| 190             | 34.1                | 128.6           | 13,800*              | 37.3                | 126.4            | 13,100*              | 40.1                | 120.3            | 10,600*              | 190                 |                     |
| 200             | 28.9                | 111.8           | 13,300*              | 32.1                | 109.2            | 12,500*              |                     |                  |                      | 200                 |                     |
| 210             | 22.8                | 90.3            | 12,800*              |                     |                  |                      |                     |                  |                      | 210                 |                     |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 80 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 150             | 45                  | 81.0            | 234.8                | 20,700*             |                  |                      |                     |                  |                      |                     | 45                  |
|                 | 50                  | 79.8            | 233.8                | 20,600*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 78.5            | 232.8                | 20,500*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 77.2            | 231.7                | 20,400*             | 80.7             | 230.4                | 19,800*             |                  |                      |                     | 60                  |
|                 | 65                  | 75.9            | 230.4                | 20,300*             | 79.4             | 229.1                | 19,700*             |                  |                      |                     | 65                  |
|                 | 70                  | 74.6            | 229.0                | 20,100*             | 78.1             | 227.7                | 19,600*             |                  |                      |                     | 70                  |
|                 | 75                  | 73.3            | 227.5                | 20,000*             | 76.8             | 226.2                | 19,400*             | 80.5             | 222.7                | 17,600*             | 75                  |
|                 | 80                  | 72.0            | 225.9                | 19,900*             | 75.5             | 224.5                | 19,100*             | 79.1             | 221.0                | 17,300*             | 80                  |
|                 | 85                  | 70.7            | 224.1                | 19,800*             | 74.2             | 222.8                | 18,700*             | 77.8             | 219.2                | 17,100*             | 85                  |
|                 | 90                  | 69.4            | 222.2                | 19,700*             | 72.8             | 220.9                | 18,400*             | 76.4             | 217.3                | 16,800*             | 90                  |
|                 | 100                 | 66.7            | 218.0                | 19,400*             | 70.1             | 216.6                | 17,800*             | 73.7             | 213.0                | 16,200*             | 100                 |
|                 | 110                 | 63.9            | 213.2                | 18,700*             | 67.4             | 211.8                | 17,200*             | 70.8             | 208.1                | 15,800*             | 110                 |
|                 | 120                 | 61.1            | 207.8                | 18,100*             | 64.5             | 206.4                | 16,600*             | 67.9             | 202.6                | 15,300*             | 120                 |
|                 | 130                 | 58.2            | 201.8                | 17,400*             | 61.6             | 200.3                | 16,100*             | 64.9             | 196.3                | 14,500*             | 130                 |
|                 | 140                 | 55.1            | 195.0                | 16,800*             | 58.5             | 193.5                | 15,600*             | 61.8             | 189.4                | 13,700*             | 140                 |
|                 | 150                 | 52.0            | 187.4                | 16,200*             | 55.4             | 185.8                | 15,100*             | 58.6             | 181.5                | 13,000*             | 150                 |
|                 | 160                 | 48.7            | 178.9                | 15,600*             | 52.1             | 177.2                | 14,600*             | 55.2             | 172.7                | 12,400*             | 160                 |
|                 | 170                 | 45.3            | 169.3                | 15,100*             | 48.6             | 167.5                | 14,200*             | 51.6             | 162.7                | 11,800*             | 170                 |
|                 | 180                 | 41.6            | 158.4                | 14,600*             | 44.9             | 156.5                | 13,800*             | 47.8             | 151.4                | 11,300*             | 180                 |
|                 | 190                 | 37.6            | 146.0                | 14,100*             | 40.8             | 144.0                | 13,500*             | 43.6             | 138.3                | 10,900*             | 190                 |
| 200             | 33.3                | 131.6           | 13,700*              | 36.4                | 129.2            | 13,000*              |                     |                  |                      | 200                 |                     |
| 210             | 28.3                | 114.2           | 12,300               | 31.3                | 111.5            | 12,400*              |                     |                  |                      | 210                 |                     |
| 220             | 22.3                | 92.3            | 11,000               |                     |                  |                      |                     |                  |                      | 220                 |                     |
| 160             | 50                  | 80.2            | 244.0                | 20,700*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 79.0            | 243.0                | 20,500*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 77.7            | 241.9                | 20,400*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 76.5            | 240.7                | 20,300*             | 79.9             | 239.4                | 19,700*             |                  |                      |                     | 65                  |
|                 | 70                  | 75.3            | 239.4                | 20,200*             | 78.7             | 238.1                | 19,600*             |                  |                      |                     | 70                  |
|                 | 75                  | 74.0            | 238.0                | 20,100*             | 77.4             | 236.6                | 19,600*             | 80.9             | 233.1                | 17,700*             | 75                  |
|                 | 80                  | 72.8            | 236.4                | 20,000*             | 76.1             | 235.1                | 19,200*             | 79.6             | 231.5                | 17,500*             | 80                  |
|                 | 85                  | 71.5            | 234.7                | 19,900*             | 74.9             | 233.4                | 18,900*             | 78.3             | 229.8                | 17,200*             | 85                  |
|                 | 90                  | 70.3            | 232.9                | 19,800*             | 73.6             | 231.5                | 18,600*             | 77.0             | 227.9                | 16,900*             | 90                  |
|                 | 100                 | 67.7            | 228.9                | 19,600*             | 71.0             | 227.5                | 18,000*             | 74.4             | 223.8                | 16,400*             | 100                 |
|                 | 110                 | 65.1            | 224.4                | 19,000*             | 68.4             | 223.0                | 17,400*             | 71.7             | 219.2                | 15,900*             | 110                 |
|                 | 120                 | 62.4            | 219.3                | 18,400*             | 65.7             | 217.8                | 16,900*             | 69.0             | 214.0                | 15,400*             | 120                 |
|                 | 130                 | 59.6            | 213.6                | 17,700*             | 62.9             | 212.1                | 16,300*             | 66.2             | 208.1                | 14,800*             | 130                 |
|                 | 140                 | 56.8            | 207.2                | 17,100*             | 60.1             | 205.6                | 15,800*             | 63.3             | 201.5                | 14,000*             | 140                 |
|                 | 150                 | 53.9            | 200.1                | 16,500*             | 57.1             | 198.5                | 15,300*             | 60.2             | 194.2                | 13,300*             | 150                 |
|                 | 160                 | 50.8            | 192.1                | 16,000*             | 54.0             | 190.5                | 14,900*             | 57.1             | 186.0                | 12,700*             | 160                 |
| 170             | 47.6                | 183.3           | 15,500*              | 50.8                | 181.5            | 14,500*              | 53.8                | 176.8            | 12,100*              | 170                 |                     |
| 180             | 44.3                | 173.3           | 15,000*              | 47.4                | 171.5            | 14,100*              | 50.3                | 166.5            | 11,600*              | 180                 |                     |
| 190             | 40.7                | 162.1           | 14,500*              | 43.8                | 160.1            | 13,700*              | 46.5                | 154.8            | 11,200*              | 190                 |                     |
| 200             | 36.8                | 149.3           | 13,200               | 39.9                | 147.2            | 13,400*              | 42.4                | 141.3            | 10,800*              | 200                 |                     |
| 210             | 32.5                | 134.4           | 11,800               | 35.5                | 132.0            | 12,300               |                     |                  |                      | 210                 |                     |
| 220             | 27.7                | 116.6           | 10,500               | 30.5                | 113.8            | 10,900               |                     |                  |                      | 220                 |                     |
| 230             | 21.8                | 94.1            | 9,300                |                     |                  |                      |                     |                  |                      | 230                 |                     |

# MANITOWOC ENGINEERING CO.

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## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 80 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 170             | 50                  | 80.6            | 254.2                | 20,700*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 79.4            | 253.2                | 20,600*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 78.2            | 252.2                | 20,500*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 77.1            | 251.0                | 20,400*             | 80.3             | 249.7                | 19,800*             |                  |                      |                     | 65                  |
|                 | 70                  | 75.9            | 249.8                | 20,300*             | 79.1             | 248.4                | 19,700*             |                  |                      |                     | 70                  |
|                 | 75                  | 74.7            | 248.4                | 20,100*             | 77.9             | 247.0                | 19,600*             |                  |                      |                     | 75                  |
|                 | 80                  | 73.5            | 246.9                | 20,000*             | 76.7             | 245.5                | 19,400*             | 80.1             | 241.9                | 17,500*             | 80                  |
|                 | 85                  | 72.3            | 245.3                | 19,900*             | 75.5             | 243.9                | 19,100*             | 78.8             | 240.3                | 17,300*             | 85                  |
|                 | 90                  | 71.1            | 243.5                | 19,800*             | 74.3             | 242.2                | 18,800*             | 77.6             | 238.5                | 17,000*             | 90                  |
|                 | 100                 | 68.6            | 239.7                | 19,600*             | 71.8             | 238.3                | 18,200*             | 75.1             | 234.6                | 16,500*             | 100                 |
|                 | 110                 | 66.1            | 235.4                | 19,300*             | 69.3             | 234.0                | 17,600*             | 72.5             | 230.2                | 16,000*             | 110                 |
|                 | 120                 | 63.6            | 230.6                | 18,700*             | 66.8             | 229.1                | 17,100*             | 69.9             | 225.2                | 15,600*             | 120                 |
|                 | 130                 | 61.0            | 225.1                | 18,000*             | 64.1             | 223.7                | 16,500*             | 67.3             | 219.7                | 15,200*             | 130                 |
|                 | 140                 | 58.3            | 219.1                | 17,500*             | 61.4             | 217.6                | 16,000*             | 64.5             | 213.5                | 14,400*             | 140                 |
|                 | 150                 | 55.5            | 212.4                | 16,900*             | 58.7             | 210.8                | 15,600*             | 61.7             | 206.6                | 13,700*             | 150                 |
|                 | 160                 | 52.7            | 205.0                | 16,300*             | 55.8             | 203.3                | 15,100*             | 58.7             | 198.9                | 13,000*             | 160                 |
|                 | 170                 | 49.7            | 196.7                | 15,800*             | 52.8             | 195.0                | 14,700*             | 55.7             | 190.4                | 12,500*             | 170                 |
|                 | 180                 | 46.6            | 187.6                | 15,300*             | 49.6             | 185.8                | 14,300*             | 52.4             | 180.9                | 11,900*             | 180                 |
|                 | 190                 | 43.3            | 177.3                | 14,500*             | 46.3             | 175.4                | 14,000*             | 49.0             | 170.2                | 11,500*             | 190                 |
|                 | 200                 | 39.8            | 165.7                | 12,900*             | 42.8             | 163.7                | 13,500*             | 45.4             | 158.1                | 11,100*             | 200                 |
|                 | 210                 | 36.0            | 152.5                | 11,500*             | 38.9             | 150.3                | 12,000*             | 41.3             | 144.2                | 10,700*             | 210                 |
|                 | 220                 | 31.8            | 137.3                | 10,200*             | 34.7             | 134.7                | 10,600*             |                  |                      |                     | 220                 |
|                 | 230                 | 27.1            | 119.0                | 9,000*              | 29.8             | 116.1                | 9,300*              |                  |                      |                     | 230                 |
|                 | 240                 | 21.3            | 96.0                 | 7,900*              |                  |                      |                     |                  |                      |                     | 240                 |
| 180             | 50                  | 80.9            | 264.3                | 20,700*             |                  |                      |                     |                  |                      |                     | 50                  |
|                 | 55                  | 79.8            | 263.4                | 20,600*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 78.7            | 262.4                | 20,500*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 77.6            | 261.3                | 20,400*             | 80.7             | 260.0                | 19,800*             |                  |                      |                     | 65                  |
|                 | 70                  | 76.4            | 260.1                | 20,300*             | 79.6             | 258.7                | 19,700*             |                  |                      |                     | 70                  |
|                 | 75                  | 75.3            | 258.8                | 20,200*             | 78.4             | 257.4                | 19,600*             |                  |                      |                     | 75                  |
|                 | 80                  | 74.2            | 257.3                | 20,100*             | 77.3             | 256.0                | 19,500*             | 80.5             | 252.3                | 17,600*             | 80                  |
|                 | 85                  | 73.0            | 255.8                | 20,000*             | 76.1             | 254.4                | 19,200*             | 79.3             | 250.7                | 17,400*             | 85                  |
|                 | 90                  | 71.8            | 254.1                | 19,900*             | 74.9             | 252.7                | 18,900*             | 78.1             | 249.0                | 17,100*             | 90                  |
|                 | 100                 | 69.5            | 250.5                | 19,700*             | 72.6             | 249.1                | 18,400*             | 75.7             | 245.3                | 16,600*             | 100                 |
|                 | 110                 | 67.1            | 246.4                | 19,500*             | 70.2             | 244.9                | 17,800*             | 73.3             | 241.1                | 16,200*             | 110                 |
|                 | 120                 | 64.7            | 241.7                | 18,900*             | 67.7             | 240.3                | 17,300*             | 70.8             | 236.4                | 15,700*             | 120                 |
|                 | 130                 | 62.2            | 236.6                | 18,300*             | 65.2             | 235.1                | 16,800*             | 68.3             | 231.1                | 15,300*             | 130                 |
|                 | 140                 | 59.7            | 230.9                | 17,700*             | 62.7             | 229.3                | 16,300*             | 65.7             | 225.2                | 14,700*             | 140                 |
|                 | 150                 | 57.1            | 224.5                | 17,200*             | 60.1             | 223.0                | 15,800*             | 63.0             | 218.7                | 14,000*             | 150                 |
|                 | 160                 | 54.4            | 217.5                | 16,600*             | 57.3             | 215.9                | 15,400*             | 60.2             | 211.5                | 13,300*             | 160                 |
|                 | 170                 | 51.6            | 209.8                | 16,100*             | 54.5             | 208.1                | 15,000*             | 57.3             | 203.5                | 12,700*             | 170                 |
|                 | 180                 | 48.7            | 201.2                | 15,600*             | 51.6             | 199.5                | 14,600*             | 54.3             | 194.7                | 12,200*             | 180                 |
|                 | 190                 | 45.6            | 191.7                | 14,000*             | 48.5             | 189.9                | 14,200*             | 51.2             | 184.8                | 11,800*             | 190                 |
|                 | 200                 | 42.4            | 181.1                | 12,400*             | 45.3             | 179.2                | 13,100*             | 47.8             | 173.8                | 11,300*             | 200                 |
|                 | 210                 | 39.0            | 169.2                | 11,000*             | 41.8             | 167.1                | 11,600*             | 44.3             | 161.3                | 11,000*             | 210                 |
|                 | 220                 | 35.3            | 155.7                | 9,700*              | 38.1             | 153.4                | 10,200*             | 40.3             | 147.0                | 10,600*             | 220                 |
|                 | 230                 | 31.2            | 140.0                | 8,500*              | 33.9             | 137.4                | 8,900*              |                  |                      |                     | 230                 |
|                 | 240                 | 26.5            | 121.3                | 7,400*              | 29.1             | 118.3                | 7,800*              |                  |                      |                     | 240                 |
| 250             | 20.9                | 97.8            | 6,400*               |                     |                  |                      |                     |                  |                      | 250                 |                     |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 80 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 190             | 55                  | 80.2            | 273.6                | 20,700*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 79.1            | 272.6                | 20,600*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 78.0            | 271.6                | 20,500*             |                  |                      |                     |                  |                      |                     | 65                  |
|                 | 70                  | 77.0            | 270.4                | 20,400*             | 80.0             | 269.0                | 19,700*             |                  |                      |                     | 70                  |
|                 | 75                  | 75.9            | 269.1                | 20,300*             | 78.9             | 267.7                | 19,700*             |                  |                      |                     | 75                  |
|                 | 80                  | 74.8            | 267.7                | 20,200*             | 77.7             | 266.4                | 19,600*             | 80.9             | 262.6                | 17,700*             | 80                  |
|                 | 85                  | 73.7            | 266.3                | 20,100*             | 76.6             | 264.9                | 19,400*             | 79.7             | 261.1                | 17,500*             | 85                  |
|                 | 90                  | 72.5            | 264.7                | 20,000*             | 75.5             | 263.3                | 19,100*             | 78.6             | 259.5                | 17,200*             | 90                  |
|                 | 100                 | 70.3            | 261.2                | 19,800*             | 73.3             | 259.8                | 18,500*             | 76.3             | 255.9                | 16,700*             | 100                 |
|                 | 110                 | 68.0            | 257.2                | 19,600*             | 71.0             | 255.8                | 18,000*             | 74.0             | 251.9                | 16,300*             | 110                 |
|                 | 120                 | 65.7            | 252.8                | 19,200*             | 68.6             | 251.4                | 17,500*             | 71.6             | 247.4                | 15,900*             | 120                 |
|                 | 130                 | 63.3            | 247.9                | 18,600*             | 66.3             | 246.4                | 17,000*             | 69.2             | 242.4                | 15,500*             | 130                 |
|                 | 140                 | 60.9            | 242.5                | 18,000*             | 63.8             | 240.9                | 16,500*             | 66.7             | 236.8                | 15,000*             | 140                 |
|                 | 150                 | 58.4            | 236.5                | 17,500*             | 61.3             | 234.9                | 16,000*             | 64.2             | 230.6                | 14,300*             | 150                 |
|                 | 160                 | 55.9            | 229.8                | 17,000*             | 58.8             | 228.2                | 15,600*             | 61.5             | 223.8                | 13,600*             | 160                 |
|                 | 170                 | 53.3            | 222.5                | 16,400*             | 56.1             | 220.9                | 15,200*             | 58.8             | 216.3                | 13,000*             | 170                 |
|                 | 180                 | 50.5            | 214.5                | 15,200              | 53.4             | 212.8                | 14,800*             | 56.0             | 208.0                | 12,500*             | 180                 |
|                 | 190                 | 47.7            | 205.6                | 13,400              | 50.5             | 203.8                | 14,200              | 53.1             | 198.9                | 12,000*             | 190                 |
|                 | 200                 | 44.7            | 195.8                | 11,900              | 47.5             | 193.9                | 12,600              | 50.0             | 188.7                | 11,600*             | 200                 |
|                 | 210                 | 41.6            | 184.9                | 10,500              | 44.3             | 182.9                | 11,100              | 46.7             | 177.3                | 11,200*             | 210                 |
| 220             | 38.2                | 172.7           | 9,200                | 40.9                | 170.5            | 9,700                | 43.2                | 164.5            | 10,200               | 220                 |                     |
| 230             | 34.6                | 158.8           | 8,000                | 37.2                | 156.4            | 8,500                | 39.4                | 149.8            | 8,900                | 230                 |                     |
| 240             | 30.6                | 142.7           | 6,900                | 33.2                | 140.0            | 7,300                |                     |                  |                      | 240                 |                     |
| 250             | 26.0                | 123.6           | 5,900                | 28.5                | 120.4            | 6,200                |                     |                  |                      | 250                 |                     |
| 260             | 20.5                | 99.5            | 5,000                |                     |                  |                      |                     |                  |                      | 260                 |                     |
| 200             | 55                  | 80.6            | 283.8                | 20,700*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 79.5            | 282.8                | 20,600*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 78.5            | 281.8                | 20,500*             |                  |                      |                     |                  |                      |                     | 65                  |
|                 | 70                  | 77.4            | 280.7                | 20,400*             | 80.3             | 279.3                | 19,800*             |                  |                      |                     | 70                  |
|                 | 75                  | 76.4            | 279.5                | 20,300*             | 79.3             | 278.1                | 19,700*             |                  |                      |                     | 75                  |
|                 | 80                  | 75.3            | 278.1                | 20,200*             | 78.2             | 276.7                | 19,600*             |                  |                      |                     | 80                  |
|                 | 85                  | 74.3            | 276.7                | 20,100*             | 77.1             | 275.3                | 19,500*             | 80.1             | 271.5                | 17,600*             | 85                  |
|                 | 90                  | 73.2            | 275.2                | 20,000*             | 76.1             | 273.8                | 19,200*             | 79.0             | 270.0                | 17,300*             | 90                  |
|                 | 100                 | 71.0            | 271.8                | 19,800*             | 73.9             | 270.4                | 18,700*             | 76.8             | 266.5                | 16,900*             | 100                 |
|                 | 110                 | 68.8            | 268.0                | 19,700*             | 71.7             | 266.6                | 18,200*             | 74.6             | 262.7                | 16,400*             | 110                 |
|                 | 120                 | 66.6            | 263.8                | 19,400*             | 69.5             | 262.3                | 17,600*             | 72.3             | 258.4                | 16,000*             | 120                 |
|                 | 130                 | 64.4            | 259.1                | 18,900*             | 67.2             | 257.6                | 17,200*             | 70.0             | 253.5                | 15,600*             | 130                 |
|                 | 140                 | 62.0            | 253.9                | 18,300*             | 64.9             | 252.4                | 16,700*             | 67.6             | 248.2                | 15,200*             | 140                 |
|                 | 150                 | 59.7            | 248.2                | 17,800*             | 62.5             | 246.6                | 16,200*             | 65.2             | 242.4                | 14,600*             | 150                 |
|                 | 160                 | 57.3            | 241.9                | 17,200*             | 60.1             | 240.3                | 15,800*             | 62.8             | 235.9                | 13,900*             | 160                 |
|                 | 170                 | 54.8            | 235.0                | 16,700              | 57.5             | 233.3                | 15,400*             | 60.2             | 228.8                | 13,300*             | 170                 |
|                 | 180                 | 52.2            | 227.4                | 14,700              | 55.0             | 225.7                | 15,000*             | 57.6             | 221.0                | 12,800*             | 180                 |
|                 | 190                 | 49.6            | 219.1                | 13,000              | 52.3             | 217.3                | 13,800              | 54.8             | 212.4                | 12,300*             | 190                 |
|                 | 200                 | 46.8            | 209.9                | 11,400              | 49.5             | 208.1                | 12,100              | 51.9             | 203.0                | 11,900*             | 200                 |
|                 | 210                 | 43.9            | 199.8                | 10,000              | 46.5             | 197.8                | 10,700              | 48.9             | 192.5                | 11,300              | 210                 |
| 220             | 40.8                | 188.6           | 8,700                | 43.4                | 186.5            | 9,300                | 45.7                | 180.8            | 9,800                | 220                 |                     |
| 230             | 37.5                | 176.0           | 7,500                | 40.1                | 173.8            | 8,000                | 42.3                | 167.6            | 8,500                | 230                 |                     |
| 240             | 33.9                | 161.8           | 6,400                | 36.5                | 159.3            | 6,900                |                     |                  |                      | 240                 |                     |
| 250             | 30.0                | 145.3           | 5,400                | 32.5                | 142.6            | 5,800                |                     |                  |                      | 250                 |                     |
| 260             | 25.5                | 125.8           | 4,500                | 27.9                | 122.5            | 4,800                |                     |                  |                      | 260                 |                     |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 80 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 210             | 55                  | 80.9            | 293.9                | 20,700*             |                  |                      |                     |                  |                      |                     | 55                  |
|                 | 60                  | 79.9            | 293.0                | 20,600*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 78.9            | 292.0                | 20,600*             |                  |                      |                     |                  |                      |                     | 65                  |
|                 | 70                  | 77.9            | 290.9                | 20,500*             | 80.7             | 289.5                | 19,800*             |                  |                      |                     | 70                  |
|                 | 75                  | 76.9            | 289.8                | 20,400*             | 79.6             | 288.3                | 19,700*             |                  |                      |                     | 75                  |
|                 | 80                  | 75.8            | 288.5                | 20,300*             | 78.6             | 287.1                | 19,600*             |                  |                      |                     | 80                  |
|                 | 85                  | 74.8            | 287.1                | 20,200*             | 77.6             | 285.7                | 19,600*             | 80.5             | 281.9                | 17,600*             | 85                  |
|                 | 90                  | 73.8            | 285.7                | 20,100*             | 76.6             | 284.2                | 19,400*             | 79.4             | 280.4                | 17,400*             | 90                  |
|                 | 100                 | 71.7            | 282.4                | 19,900*             | 74.5             | 281.0                | 18,800*             | 77.3             | 277.1                | 17,000*             | 100                 |
|                 | 110                 | 69.6            | 278.8                | 19,700*             | 72.4             | 277.3                | 18,300*             | 75.2             | 273.4                | 16,500*             | 110                 |
|                 | 120                 | 67.5            | 274.7                | 19,600*             | 70.2             | 273.2                | 17,800*             | 73.0             | 269.2                | 16,100*             | 120                 |
|                 | 130                 | 65.3            | 270.2                | 19,100*             | 68.0             | 268.7                | 17,300*             | 70.8             | 264.6                | 15,700*             | 130                 |
|                 | 140                 | 63.1            | 265.3                | 18,600*             | 65.8             | 263.7                | 16,900*             | 68.5             | 259.5                | 15,400*             | 140                 |
|                 | 150                 | 60.8            | 259.8                | 18,000*             | 63.6             | 258.2                | 16,400*             | 66.2             | 254.0                | 14,800*             | 150                 |
|                 | 160                 | 58.5            | 253.8                | 17,500*             | 61.2             | 252.2                | 16,000*             | 63.9             | 247.8                | 14,200*             | 160                 |
|                 | 170                 | 56.2            | 247.2                | 16,300*             | 58.9             | 245.6                | 15,600*             | 61.4             | 241.1                | 13,600*             | 170                 |
|                 | 180                 | 53.7            | 240.1                | 14,300*             | 56.4             | 238.3                | 15,200*             | 58.9             | 233.7                | 13,100*             | 180                 |
|                 | 190                 | 51.2            | 232.2                | 12,500*             | 53.9             | 230.4                | 13,400*             | 56.3             | 225.6                | 12,600*             | 190                 |
|                 | 200                 | 48.6            | 223.6                | 11,000*             | 51.2             | 221.7                | 11,800*             | 53.7             | 216.8                | 12,100*             | 200                 |
|                 | 210                 | 45.9            | 214.2                | 9,600*              | 48.5             | 212.2                | 10,300*             | 50.8             | 207.0                | 11,000*             | 210                 |
| 220             | 43.1                | 203.7           | 8,300*               | 45.6                | 201.7            | 8,900*               | 47.9                | 196.2            | 9,500*               | 220                 |                     |
| 230             | 40.0                | 192.2           | 7,100*               | 42.6                | 190.0            | 7,700*               | 44.7                | 184.2            | 8,200*               | 230                 |                     |
| 240             | 36.8                | 179.3           | 6,000*               | 39.3                | 177.0            | 6,600*               | 41.4                | 170.6            | 7,000*               | 240                 |                     |
| 250             | 33.3                | 164.7           | 5,000*               | 35.8                | 162.2            | 5,500*               |                     |                  |                      | 250                 |                     |
| 260             | 29.5                | 147.9           | 4,100*               | 31.8                | 145.1            | 4,500*               |                     |                  |                      | 260                 |                     |
| 220             | 60                  | 80.2            | 303.2                | 20,700*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 79.3            | 302.2                | 20,600*             |                  |                      |                     |                  |                      |                     | 65                  |
|                 | 70                  | 78.3            | 301.2                | 20,500*             | 81.0             | 299.8                | 19,800*             |                  |                      |                     | 70                  |
|                 | 75                  | 77.3            | 300.0                | 20,400*             | 80.0             | 298.6                | 19,700*             |                  |                      |                     | 75                  |
|                 | 80                  | 76.3            | 298.8                | 20,300*             | 79.0             | 297.4                | 19,700*             |                  |                      |                     | 80                  |
|                 | 85                  | 75.3            | 297.5                | 20,200*             | 78.0             | 296.1                | 19,600*             | 80.8             | 292.2                | 17,700*             | 85                  |
|                 | 90                  | 74.3            | 296.1                | 20,100*             | 77.0             | 294.6                | 19,500*             | 79.8             | 290.8                | 17,500*             | 90                  |
|                 | 100                 | 72.3            | 293.0                | 19,900*             | 75.0             | 291.5                | 19,000*             | 77.8             | 287.6                | 17,000*             | 100                 |
|                 | 110                 | 70.3            | 289.5                | 19,800*             | 73.0             | 288.0                | 18,500*             | 75.7             | 284.0                | 16,600*             | 110                 |
|                 | 120                 | 68.3            | 285.6                | 19,600*             | 70.9             | 284.1                | 18,000*             | 73.6             | 280.0                | 16,200*             | 120                 |
|                 | 130                 | 66.2            | 281.2                | 19,300*             | 68.8             | 279.7                | 17,500*             | 71.5             | 275.6                | 15,900*             | 130                 |
|                 | 140                 | 64.1            | 276.5                | 18,800*             | 66.7             | 274.9                | 17,100*             | 69.3             | 270.8                | 15,500*             | 140                 |
|                 | 150                 | 61.9            | 271.2                | 18,300*             | 64.5             | 269.7                | 16,600*             | 67.1             | 265.4                | 15,100*             | 150                 |
|                 | 160                 | 59.7            | 265.5                | 17,800*             | 62.3             | 263.9                | 16,200*             | 64.9             | 259.5                | 14,500*             | 160                 |
|                 | 170                 | 57.5            | 259.3                | 15,800*             | 60.0             | 257.6                | 15,800*             | 62.6             | 253.1                | 13,900*             | 170                 |
|                 | 180                 | 55.1            | 252.4                | 13,800*             | 57.7             | 250.7                | 14,800*             | 60.2             | 246.1                | 13,300*             | 180                 |
|                 | 190                 | 52.8            | 245.0                | 12,100*             | 55.3             | 243.2                | 13,000*             | 57.7             | 238.5                | 12,800*             | 190                 |
|                 | 200                 | 50.3            | 236.9                | 10,500*             | 52.8             | 235.1                | 11,400*             | 55.2             | 230.1                | 12,200*             | 200                 |
|                 | 210                 | 47.8            | 228.0                | 9,100*              | 50.3             | 226.1                | 9,900*              | 52.6             | 221.0                | 10,600*             | 210                 |
|                 | 220                 | 45.1            | 218.3                | 7,800*              | 47.6             | 216.3                | 8,500*              | 49.8             | 210.9                | 9,200*              | 220                 |
| 230             | 42.3                | 207.6           | 6,600*               | 44.8                | 205.5            | 7,300*               | 46.9                | 199.8            | 7,800*               | 230                 |                     |
| 240             | 39.3                | 195.8           | 5,600*               | 41.8                | 193.5            | 6,100*               | 43.8                | 187.5            | 6,600*               | 240                 |                     |
| 250             | 36.2                | 182.6           | 4,600*               | 38.6                | 180.2            | 5,100*               | 40.5                | 173.6            | 5,500*               | 250                 |                     |
| 260             |                     |                 |                      | 35.1                | 165.0            | 4,100*               |                     |                  |                      | 260                 |                     |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFTCRANE JIB CAPACITIES

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

JIB NO. 134 WITH 12'6" STRUT ON  
BOOM NO. 22EL  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING

### 80 FOOT JIB

| BOOM LGTH. FEET | JIB OPER. RAD. FEET | 5 DEGREE OFFSET |                      |                     | 15 DEGREE OFFSET |                      |                     | 25 DEGREE OFFSET |                      |                     | JIB OPER. RAD. FEET |
|-----------------|---------------------|-----------------|----------------------|---------------------|------------------|----------------------|---------------------|------------------|----------------------|---------------------|---------------------|
|                 |                     | BOOM ANG. DEG.  | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS | BOOM ANG. DEG.   | JIB POINT ELEV. FEET | JIB CAPACITY POUNDS |                     |
| 230             | 60                  | 80.5            | 313.4                | 20,700*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 79.6            | 312.4                | 20,600*             |                  |                      |                     |                  |                      |                     | 65                  |
|                 | 70                  | 78.7            | 311.4                | 20,500*             |                  |                      |                     |                  |                      |                     | 70                  |
|                 | 75                  | 77.7            | 310.3                | 20,400*             | 80.3             | 308.9                | 19,800*             |                  |                      |                     | 75                  |
|                 | 80                  | 76.8            | 309.1                | 20,400*             | 79.4             | 307.7                | 19,700*             |                  |                      |                     | 80                  |
|                 | 85                  | 75.8            | 307.8                | 20,300*             | 78.4             | 306.4                | 19,600*             |                  |                      |                     | 85                  |
|                 | 90                  | 74.9            | 306.5                | 20,200*             | 77.5             | 305.0                | 19,600*             | 80.1             | 301.1                | 17,600*             | 90                  |
|                 | 100                 | 72.9            | 303.5                | 20,000*             | 75.5             | 302.0                | 19,100*             | 78.2             | 298.1                | 17,100*             | 100                 |
|                 | 110                 | 71.0            | 300.1                | 19,800*             | 73.6             | 298.6                | 18,600*             | 76.2             | 294.6                | 16,700*             | 110                 |
|                 | 120                 | 69.0            | 296.4                | 19,700*             | 71.6             | 294.8                | 18,100*             | 74.2             | 290.8                | 16,300*             | 120                 |
|                 | 130                 | 67.0            | 292.2                | 19,500*             | 69.6             | 290.7                | 17,700*             | 72.1             | 286.5                | 16,000*             | 130                 |
|                 | 140                 | 65.0            | 287.6                | 19,000*             | 67.5             | 286.0                | 17,200*             | 70.1             | 281.9                | 15,600*             | 140                 |
|                 | 150                 | 62.9            | 282.6                | 18,500*             | 65.4             | 281.0                | 16,800*             | 67.9             | 276.7                | 15,300*             | 150                 |
|                 | 160                 | 60.8            | 277.1                | 17,500*             | 63.3             | 275.5                | 16,400*             | 65.8             | 271.1                | 14,700*             | 160                 |
|                 | 170                 | 58.6            | 271.1                | 15,200*             | 61.1             | 269.5                | 16,000*             | 63.6             | 265.0                | 14,100*             | 170                 |
|                 | 180                 | 56.4            | 264.6                | 13,300              | 58.9             | 262.9                | 14,400              | 61.3             | 258.3                | 13,600*             | 180                 |
|                 | 190                 | 54.2            | 257.5                | 11,500              | 56.7             | 255.8                | 12,500              | 59.0             | 251.1                | 13,100*             | 190                 |
|                 | 200                 | 51.8            | 249.8                | 10,000              | 54.3             | 248.0                | 10,900              | 56.6             | 243.2                | 11,700              | 200                 |
|                 | 210                 | 49.4            | 241.5                | 8,500               | 51.9             | 239.6                | 9,400               | 54.1             | 234.5                | 10,200              | 210                 |
|                 | 220                 | 46.9            | 232.3                | 7,300               | 49.3             | 230.4                | 8,000               | 51.5             | 225.1                | 8,700               | 220                 |
| 230             | 44.3                | 222.3           | 6,100                | 46.7                | 220.3            | 6,800                | 48.8                | 214.8            | 7,400                | 230                 |                     |
| 240             | 41.6                | 211.4           | 5,000                | 43.9                | 209.2            | 5,600                | 46.0                | 203.4            | 6,200                | 240                 |                     |
| 250             | 38.7                | 199.2           | 4,000                | 41.0                | 196.9            | 4,600                | 43.0                | 190.7            | 5,100                | 250                 |                     |
| 260             |                     |                 |                      |                     |                  |                      | 39.7                | 176.5            | 4,000                | 260                 |                     |
| 240             | 60                  | 80.8            | 323.5                | 20,700*             |                  |                      |                     |                  |                      |                     | 60                  |
|                 | 65                  | 79.9            | 322.6                | 20,700*             |                  |                      |                     |                  |                      |                     | 65                  |
|                 | 70                  | 79.0            | 321.6                | 20,600*             |                  |                      |                     |                  |                      |                     | 70                  |
|                 | 75                  | 78.1            | 320.6                | 20,500*             | 80.6             | 319.1                | 19,800*             |                  |                      |                     | 75                  |
|                 | 80                  | 77.2            | 319.4                | 20,400*             | 79.7             | 317.9                | 19,700*             |                  |                      |                     | 80                  |
|                 | 85                  | 76.3            | 318.2                | 20,300*             | 78.8             | 316.7                | 19,700*             |                  |                      |                     | 85                  |
|                 | 90                  | 75.3            | 316.9                | 20,200*             | 77.9             | 315.4                | 19,600*             | 80.5             | 311.4                | 17,600*             | 90                  |
|                 | 100                 | 73.5            | 314.0                | 20,100*             | 76.0             | 312.5                | 19,200*             | 78.6             | 308.5                | 17,200*             | 100                 |
|                 | 110                 | 71.6            | 310.7                | 19,900*             | 74.1             | 309.2                | 18,700*             | 76.6             | 305.2                | 16,800*             | 110                 |
|                 | 120                 | 69.7            | 307.1                | 19,700*             | 72.2             | 305.6                | 18,300*             | 74.7             | 301.5                | 16,400*             | 120                 |
|                 | 130                 | 67.8            | 303.1                | 19,600*             | 70.2             | 301.5                | 17,800*             | 72.7             | 297.4                | 16,100*             | 130                 |
|                 | 140                 | 65.8            | 298.7                | 19,300*             | 68.3             | 297.1                | 17,400*             | 70.7             | 292.9                | 15,700*             | 140                 |
|                 | 150                 | 63.8            | 293.8                | 18,800*             | 66.3             | 292.2                | 17,000*             | 68.7             | 288.0                | 15,400*             | 150                 |
|                 | 160                 | 61.8            | 288.6                | 17,000              | 64.2             | 286.9                | 16,600*             | 66.7             | 282.6                | 15,000*             | 160                 |
|                 | 170                 | 59.7            | 282.8                | 14,800              | 62.2             | 281.2                | 16,000              | 64.5             | 276.7                | 14,400*             | 170                 |
|                 | 180                 | 57.6            | 276.6                | 12,800              | 60.0             | 274.9                | 13,900              | 62.4             | 270.4                | 13,800*             | 180                 |
|                 | 190                 | 55.5            | 269.9                | 11,000              | 57.9             | 268.1                | 12,100              | 60.2             | 263.4                | 13,100              | 190                 |
|                 | 200                 | 53.2            | 262.5                | 9,500               | 55.6             | 260.7                | 10,400              | 57.9             | 255.9                | 11,300              | 200                 |
|                 | 210                 | 51.0            | 254.6                | 8,000               | 53.3             | 252.7                | 8,900               | 55.5             | 247.8                | 9,800               | 210                 |
|                 | 220                 | 48.6            | 246.0                | 6,800               | 50.9             | 244.0                | 7,600               | 53.1             | 238.9                | 8,300               | 220                 |
| 230             | 46.1                | 236.6           | 5,600                | 48.5                | 234.6            | 6,300                | 50.6                | 229.2            | 7,000                | 230                 |                     |
| 240             | 43.6                | 226.3           | 4,500                | 45.9                | 224.2            | 5,200                | 47.9                | 218.6            | 5,800                | 240                 |                     |
| 250             |                     |                 |                      | 43.2                | 212.9            | 4,100                | 45.1                | 206.9            | 4,700                | 250                 |                     |
| 250             | 65                  | 80.2            | 332.8                | 20,700*             |                  |                      |                     |                  |                      |                     | 65                  |
|                 | 70                  | 79.4            | 331.8                | 20,600*             |                  |                      |                     |                  |                      |                     | 70                  |
|                 | 75                  | 78.5            | 330.8                | 20,500*             | 80.9             | 329.3                | 19,800*             |                  |                      |                     | 75                  |
|                 | 80                  | 77.6            | 329.7                | 20,400*             | 80.0             | 328.2                | 19,700*             |                  |                      |                     | 80                  |
|                 | 85                  | 76.7            | 328.5                | 20,400*             | 79.1             | 327.0                | 19,700*             |                  |                      |                     | 85                  |
|                 | 90                  | 75.8            | 327.2                | 20,300*             | 78.2             | 325.7                | 19,600*             | 80.8             | 321.8                | 17,700*             | 90                  |
|                 | 100                 | 74.0            | 324.4                | 20,100*             | 76.4             | 322.9                | 19,300*             | 78.9             | 318.9                | 17,300*             | 100                 |
|                 | 110                 | 72.2            | 321.3                | 19,900*             | 74.6             | 319.7                | 18,900*             | 77.1             | 315.7                | 16,900*             | 110                 |
|                 | 120                 | 70.3            | 317.8                | 19,800*             | 72.8             | 316.2                | 18,400*             | 75.2             | 312.1                | 16,500*             | 120                 |
|                 | 130                 | 68.5            | 313.9                | 19,600*             | 70.9             | 312.3                | 18,000*             | 73.3             | 308.2                | 16,200*             | 130                 |
|                 | 140                 | 66.6            | 309.6                | 19,500*             | 69.0             | 308.1                | 17,600*             | 71.4             | 303.9                | 15,800*             | 140                 |
|                 | 150                 | 64.7            | 305.0                | 19,000*             | 67.1             | 303.4                | 17,200*             | 69.4             | 299.1                | 15,500*             | 150                 |
|                 | 160                 | 62.7            | 299.9                | 17,000              | 65.1             | 298.3                | 16,800*             | 67.4             | 293.9                | 15,200*             | 160                 |
|                 | 170                 | 60.7            | 294.4                | 14,700              | 63.1             | 292.8                | 16,000              | 65.4             | 288.3                | 14,600*             | 170                 |
|                 | 180                 | 58.7            | 288.5                | 12,800              | 61.1             | 286.8                | 13,900              | 63.4             | 282.2                | 14,100*             | 180                 |
|                 | 190                 | 56.7            | 282.0                | 11,000              | 59.0             | 280.3                | 12,100              | 61.2             | 275.6                | 13,100              | 190                 |
|                 | 200                 | 54.5            | 275.0                | 9,400               | 56.9             | 273.2                | 10,400              | 59.1             | 268.5                | 11,400              | 200                 |
|                 | 210                 | 52.4            | 267.4                | 8,000               | 54.7             | 265.6                | 8,900               | 56.8             | 260.7                | 9,800               | 210                 |
|                 | 220                 | 50.1            | 259.2                | 6,700               | 52.4             | 257.4                | 7,600               | 54.5             | 252.3                | 8,300               | 220                 |
|                 | 230                 | 47.8            | 250.4                | 5,600               | 50.1             | 248.4                | 6,300               | 52.1             | 243.1                | 7,000               | 230                 |
| 240             | 45.4                | 240.7           | 4,500                | 47.6                | 238.7            | 5,200                | 49.7                | 233.2            | 5,800                | 240                 |                     |
| 250             |                     |                 |                      | 45.1                | 228.1            | 4,100                | 47.0                | 222.3            | 4,700                | 250                 |                     |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 2**

**BOOM NO. 22EL  
LUFFING JIB NO. 135  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING**

CAPACITIES FOR VARIOUS BOOM LENGTHS AND OPERATING RADII ARE FOR FREELY SUSPENDED LOADS AND DO NOT EXCEED 75% OF A STATIC TIPPING LOAD. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (\*).

190' BOOM LENGTH REQUIRES ONLY THE MIDDLE TWO SHEAVES IN LOWER BOOM POINT. ALL OTHER SHEAVES MUST BE REMOVED FROM LOWER BOOM POINT.

WEIGHT OF ALL LOAD BLOCKS, HOOKS, WEIGHT BALL, SLINGS, HOIST LINES, ETC., BENEATH BOOM POINT SHEAVES, IS CONSIDERED PART OF MAIN BOOM LOAD. WEIGHT OF LUFFING JIB AND 2,825 LBS. SUSPENDED BENEATH LUFFING JIB POINT SHEAVES HAVE BEEN INCLUDED IN CAPACITY DETERMINATION. BOOM IS NOT TO BE LOWERED BEYOND RADII WHERE COMBINED WEIGHTS ARE GREATER THAN RATED CAPACITY. WHERE NO CAPACITY IS SHOWN, OPERATION IS NOT INTENDED OR APPROVED.

MACHINE TO OPERATE IN A LEVEL POSITION ON A FIRM UNIFORMLY SUPPORTING SURFACE WITH CRAWLERS FULLY EXTENDED AND GANTRY UP. DURING OPERATION, LUFFING JIB MUST BE MAINTAINED AT PROPER BOOM TO LUFFING JIB ANGLE SHOWN IN TABLE. REFER TO LUFFING JIB ASSEMBLY NO. 177063 OR NO. 177354, WIRE ROPE SPECIFICATION CHART NO. 7824-A AND LUFFING JIB RAISING PROCEDURE CHART NO. 7826-A. CRANE OPERATOR JUDGMENT MUST BE USED TO ALLOW FOR DYNAMIC LOAD EFFECTS OF SWINGING, HOISTING OR LOWERING, TRAVEL, WIND CONDITIONS, AS WELL AS ADVERSE OPERATING CONDITIONS AND PHYSICAL MACHINE DEPRECIATION. REFER TO OPERATORS MANUAL FOR OPERATING GUIDELINES.

MACHINE TO TRAVEL ON A FIRM, LEVEL AND UNIFORMLY SUPPORTING SURFACE WITH BOOM WITHIN ANGLE RANGE SHOWN IN CAPACITY CHART AND LUFFING JIB SET AT PROPER BOOM TO LUFFING JIB ANGLE SHOWN IN TABLE. REFER TO MAXIMUM ALLOWABLE TRAVEL SPECIFICATION CHART NO. 7827-A.

OPERATING RADIUS IS HORIZONTAL DISTANCE FROM AXIS OF ROTATION TO CENTER OF VERTICAL HOIST LINE OR LOAD BLOCK. BOOM ANGLE IS ANGLE BETWEEN HORIZONTAL AND CENTERLINE OF BOOM BUTT AND INSERTS, AND IS AN INDICATION OF OPERATING RADIUS. IN ALL CASES, OPERATING RADIUS SHALL GOVERN CAPACITY. BOOM POINT ELEVATION IS VERTICAL DISTANCE FROM GROUND LEVEL TO CENTERLINE OF BOOM POINT SHAFT.

MACHINE EQUIPPED WITH 28'2" EXTENDIBLE CRAWLERS, 48" TREADS, 10'3" RETRACTABLE GANTRY, 30' LIVE MAST, 20 PART BOOM HOIST REEVING, FOUR 1-3/8" BOOM PENDANTS, 8 PART LUFFING JIB HOIST REEVING, TWO 1-1/2" LUFFING JIB PENDANTS AND BACKSTAYS, 179,100 LB. CRANE COUNTERWEIGHT, AND 44,000 LB. CARBODY COUNTERWEIGHT.

| LUFFING JIB POSITION DURING OPERATION |                           |
|---------------------------------------|---------------------------|
| LUFFING JIB LENGTH - FEET             | BOOM TO LUFFING JIB ANGLE |
| 70                                    | 140 DEGREES               |
| 80 - 90                               | 150 DEGREES               |
| 100 - 120                             | 160 DEGREES               |
| 130 - 170                             | 168 DEGREES               |

CONSULT CHART NO. 7832-A FOR LUFFING JIB CAPACITIES

### 70 FT. LUFFING JIB, ATTACHED AT 140 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>70</b>       | 16              | 82.8           | 77.2                  | 394,000*             |
|                 | 17              | 82.0           | 77.1                  | 370,600*             |
|                 | 18              | 81.1           | 76.9                  | 349,600*             |
|                 | 19              | 80.3           | 76.7                  | 330,600*             |
|                 | 20              | 79.5           | 76.5                  | 313,300*             |
|                 | 22              | 77.8           | 76.0                  | 283,100*             |
|                 | 24              | 76.1           | 75.5                  | 257,500*             |
|                 | 26              | 74.4           | 74.9                  | 235,600*             |
|                 | 28              | 72.7           | 74.2                  | 216,700*             |
|                 | 30              | 70.9           | 73.5                  | 200,100*             |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>80</b>       | 17              | 83.0           | 87.2                  | 369,300*             |
|                 | 18              | 82.3           | 87.0                  | 349,200*             |
|                 | 19              | 81.5           | 86.9                  | 330,200*             |
|                 | 20              | 80.8           | 86.7                  | 313,000*             |
|                 | 22              | 79.3           | 86.3                  | 282,800*             |
|                 | 24              | 77.9           | 85.8                  | 257,300*             |
|                 | 26              | 76.4           | 85.3                  | 235,400*             |
|                 | 28              | 74.9           | 84.7                  | 216,500*             |
|                 | 30              | 73.4           | 84.1                  | 199,900*             |
|                 | 32              | 71.9           | 83.4                  | 185,300*             |
| 34              | 70.4            | 82.7           | 171,300               |                      |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>90</b>       | 19              | 82.5           | 97.0                  | 329,400*             |
|                 | 20              | 81.8           | 96.8                  | 312,900*             |
|                 | 22              | 80.5           | 96.5                  | 282,700*             |
|                 | 24              | 79.2           | 96.1                  | 257,200*             |
|                 | 26              | 77.9           | 95.6                  | 235,300*             |
|                 | 28              | 76.6           | 95.1                  | 216,400*             |
|                 | 30              | 75.3           | 94.6                  | 199,800*             |
|                 | 32              | 74.0           | 94.0                  | 185,200*             |
|                 | 34              | 72.6           | 93.3                  | 172,100              |
|                 | 36              | 71.3           | 92.6                  | 156,100              |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 2**

**BOOM NO. 22EL  
LUFFING JIB NO. 135  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING**

### 70 FT. LUFFING JIB, ATTACHED AT 140 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |          |
|-----------------|-----------------|----------------|-----------------------|----------------------|----------|
| <b>100</b>      | 20              | 82.7           | 107.0                 | 312,900*             |          |
|                 | 22              | 81.5           | 106.6                 | 282,700*             |          |
|                 | 24              | 80.3           | 106.3                 | 257,200*             |          |
|                 | 26              | 79.2           | 105.9                 | 235,400*             |          |
|                 | 28              | 78.0           | 105.4                 | 216,500*             |          |
|                 | 30              | 76.8           | 104.9                 | 200,000*             |          |
|                 | 32              | 75.6           | 104.4                 | 185,400*             |          |
|                 | 34              | 74.4           | 103.8                 | 172,400*             |          |
| <b>110</b>      | 36              | 73.2           | 103.2                 | 156,700              |          |
|                 | 38              | 72.0           | 102.5                 | 143,000              |          |
|                 | 40              | 70.8           | 101.8                 | 131,100              |          |
|                 | 22              | 82.3           | 116.8                 | 282,300*             |          |
|                 | 24              | 81.2           | 116.4                 | 256,900*             |          |
|                 | 26              | 80.2           | 116.1                 | 235,000*             |          |
|                 | 28              | 79.1           | 115.7                 | 216,100*             |          |
|                 | 30              | 78.0           | 115.2                 | 199,600*             |          |
| <b>120</b>      | 32              | 77.0           | 114.7                 | 185,000*             |          |
|                 | 34              | 75.9           | 114.2                 | 172,000*             |          |
|                 | 36              | 74.8           | 113.6                 | 157,100              |          |
|                 | 38              | 73.7           | 113.0                 | 143,300              |          |
|                 | 40              | 72.6           | 112.4                 | 131,400              |          |
|                 | 42              | 71.5           | 111.7                 | 120,900              |          |
|                 | 44              | 70.4           | 110.9                 | 111,700              |          |
|                 | <b>130</b>      | 22             | 82.9                  | 126.9                | 275,700* |
| 24              |                 | 82.0           | 126.6                 | 256,600*             |          |
| 26              |                 | 81.0           | 126.2                 | 234,800*             |          |
| 28              |                 | 80.0           | 125.9                 | 215,900*             |          |
| 30              |                 | 79.1           | 125.5                 | 199,400*             |          |
| 32              |                 | 78.1           | 125.0                 | 184,800*             |          |
| 34              |                 | 77.1           | 124.5                 | 171,800*             |          |
| 36              |                 | 76.1           | 124.0                 | 157,300              |          |
| <b>140</b>      | 38              | 75.1           | 123.5                 | 143,500              |          |
|                 | 40              | 74.1           | 122.9                 | 131,600              |          |
|                 | 42              | 73.1           | 122.2                 | 121,100              |          |
|                 | 44              | 72.1           | 121.6                 | 111,900              |          |
|                 | 46              | 71.1           | 120.9                 | 103,700              |          |
|                 | 48              | 70.1           | 120.1                 | 96,400               |          |
|                 | <b>150</b>      | 24             | 82.6                  | 136.7                | 241,400* |
|                 |                 | 26             | 81.7                  | 136.4                | 234,600* |
| 28              |                 | 80.8           | 136.0                 | 215,800*             |          |
| 30              |                 | 79.9           | 135.7                 | 199,300*             |          |
| 32              |                 | 79.0           | 135.3                 | 184,700*             |          |
| 34              |                 | 78.1           | 134.8                 | 171,800*             |          |
| 36              |                 | 77.2           | 134.3                 | 157,700              |          |
| 38              |                 | 76.3           | 133.8                 | 143,900              |          |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>130</b>      | 40              | 75.4           | 133.3                 | 131,900              |
|                 | 42              | 74.5           | 132.7                 | 121,400              |
|                 | 44              | 73.5           | 132.1                 | 112,200              |
|                 | 46              | 72.6           | 131.5                 | 104,000              |
|                 | 48              | 71.7           | 130.8                 | 96,600               |
| 50              | 70.7            | 130.1          | 90,000                |                      |
| <b>140</b>      | 26              | 82.3           | 146.5                 | 223,200*             |
|                 | 28              | 81.5           | 146.2                 | 215,500*             |
|                 | 30              | 80.6           | 145.8                 | 199,000*             |
|                 | 32              | 79.8           | 145.5                 | 184,400*             |
|                 | 34              | 79.0           | 145.1                 | 171,500*             |
|                 | 36              | 78.1           | 144.6                 | 157,800              |
|                 | 38              | 77.3           | 144.1                 | 144,000              |
|                 | 40              | 76.4           | 143.6                 | 132,000              |
| <b>150</b>      | 42              | 75.6           | 143.1                 | 121,500              |
|                 | 44              | 74.7           | 142.5                 | 112,300              |
|                 | 46              | 73.9           | 141.9                 | 104,100              |
|                 | 48              | 73.0           | 141.3                 | 96,700               |
|                 | 50              | 72.2           | 140.7                 | 90,100               |
|                 | 26              | 82.8           | 156.6                 | 199,100*             |
|                 | 28              | 82.0           | 156.3                 | 194,200*             |
|                 | 30              | 81.3           | 156.0                 | 189,500*             |
| <b>160</b>      | 32              | 80.5           | 155.6                 | 183,800*             |
|                 | 34              | 79.7           | 155.3                 | 170,900*             |
|                 | 36              | 78.9           | 154.8                 | 157,900              |
|                 | 38              | 78.2           | 154.4                 | 144,100              |
|                 | 40              | 77.4           | 153.9                 | 132,100              |
|                 | 42              | 76.6           | 153.5                 | 121,500              |
|                 | 44              | 75.8           | 152.9                 | 112,300              |
|                 | 46              | 75.0           | 152.4                 | 104,000              |
| <b>170</b>      | 48              | 74.2           | 151.8                 | 96,600               |
|                 | 50              | 73.4           | 151.2                 | 90,000               |
|                 | 55              | 71.4           | 149.5                 | 76,000               |
|                 | 28              | 82.5           | 166.4                 | 184,800*             |
|                 | 30              | 81.8           | 166.1                 | 180,300*             |
|                 | 32              | 81.1           | 165.8                 | 175,900*             |
|                 | 34              | 80.4           | 165.4                 | 170,400*             |
|                 | 36              | 79.6           | 165.1                 | 157,900              |
| <b>180</b>      | 38              | 78.9           | 164.6                 | 144,000              |
|                 | 40              | 78.2           | 164.2                 | 132,000              |
|                 | 42              | 77.4           | 163.7                 | 121,500              |
|                 | 44              | 76.7           | 163.3                 | 112,200              |
|                 | 46              | 76.0           | 162.7                 | 103,900              |
|                 | 48              | 75.2           | 162.2                 | 96,500               |
|                 | 50              | 74.5           | 161.6                 | 89,900               |
|                 | 55              | 72.6           | 160.1                 | 75,800               |
| 60              | 70.7            | 158.3          | 64,600                |                      |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |          |
|-----------------|-----------------|----------------|-----------------------|----------------------|----------|
| <b>170</b>      | 28              | 83.0           | 176.5                 | 169,000*             |          |
|                 | 30              | 82.3           | 176.2                 | 165,500*             |          |
|                 | 32              | 81.6           | 175.9                 | 162,100*             |          |
|                 | 34              | 80.9           | 175.6                 | 158,700*             |          |
|                 | 36              | 80.3           | 175.2                 | 155,300*             |          |
|                 | 38              | 79.6           | 174.9                 | 144,100              |          |
|                 | 40              | 78.9           | 174.4                 | 132,000              |          |
|                 | 42              | 78.2           | 174.0                 | 121,500              |          |
| <b>180</b>      | 44              | 77.5           | 173.6                 | 112,200              |          |
|                 | 46              | 76.8           | 173.1                 | 103,900              |          |
|                 | 48              | 76.1           | 172.6                 | 96,500               |          |
|                 | 50              | 75.4           | 172.0                 | 89,900               |          |
|                 | 55              | 73.7           | 170.6                 | 75,800               |          |
|                 | 60              | 71.9           | 168.9                 | 64,600               |          |
|                 | 65              | 70.1           | 167.1                 | 55,400               |          |
|                 | <b>190</b>      | 30             | 82.7                  | 186.3                | 155,800* |
| 32              |                 | 82.1           | 186.0                 | 152,700*             |          |
| 34              |                 | 81.4           | 185.7                 | 149,500*             |          |
| 36              |                 | 80.8           | 185.4                 | 146,300*             |          |
| 38              |                 | 80.2           | 185.0                 | 143,200*             |          |
| 40              |                 | 79.5           | 184.6                 | 131,900              |          |
| 42              |                 | 78.9           | 184.2                 | 121,400              |          |
| 44              |                 | 78.2           | 183.8                 | 112,000              |          |
| <b>200</b>      | 46              | 77.6           | 183.4                 | 103,800              |          |
|                 | 48              | 76.9           | 182.9                 | 96,400               |          |
|                 | 50              | 76.2           | 182.4                 | 89,700               |          |
|                 | 55              | 74.6           | 181.0                 | 75,600               |          |
|                 | 60              | 72.9           | 179.5                 | 64,300               |          |
|                 | 65              | 71.2           | 177.8                 | 55,100               |          |
|                 | <b>210</b>      | 32             | 82.5                  | 196.2                | 118,000* |
|                 |                 | 34             | 81.9                  | 195.9                | 118,000* |
| 36              |                 | 81.3           | 195.5                 | 118,000*             |          |
| 38              |                 | 80.7           | 195.2                 | 118,000*             |          |
| 40              |                 | 80.1           | 194.8                 | 118,000*             |          |
| 42              |                 | 79.4           | 194.4                 | 118,000*             |          |
| 44              |                 | 78.8           | 194.0                 | 112,500              |          |
| 46              |                 | 78.2           | 193.6                 | 104,200              |          |
| <b>220</b>      | 48              | 77.6           | 193.2                 | 96,800               |          |
|                 | 50              | 77.0           | 192.7                 | 90,100               |          |
|                 | 55              | 75.4           | 191.4                 | 76,000               |          |
|                 | 60              | 73.9           | 189.9                 | 64,700               |          |
|                 | 65              | 72.3           | 188.4                 | 55,400               |          |
|                 | 70              | 70.7           | 186.6                 | 47,700               |          |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

### 888 SERIES 2

**BOOM NO. 22EL**  
**LUFFING JIB NO. 135**  
**179,100 LB. CRANE COUNTERWEIGHT**  
**44,000 LB. CARBODY COUNTERWEIGHT**  
**28'2" CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 80 FT. LUFFING JIB, ATTACHED AT 150 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS | BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS | BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |          |
|-----------------|-----------------|----------------|-----------------------|----------------------|-----------------|-----------------|----------------|-----------------------|----------------------|-----------------|-----------------|----------------|-----------------------|----------------------|----------|
| <b>70</b>       | 16              | 82.8           | 77.2                  | 394,200*             | <b>110</b>      | 22              | 82.3           | 116.8                 | 282,200*             | <b>150</b>      | 46              | 73.9           | 141.9                 | 103,300              |          |
|                 | 17              | 82.0           | 77.1                  | 370,700*             |                 | 24              | 81.2           | 116.4                 | 256,600*             |                 | 48              | 73.0           | 141.3                 | 95,900               |          |
|                 | 18              | 81.1           | 76.9                  | 349,500*             |                 | 26              | 80.2           | 116.1                 | 234,600*             |                 | 50              | 72.2           | 140.7                 | 89,300               |          |
|                 | 19              | 80.3           | 76.7                  | 330,300*             |                 | 28              | 79.1           | 115.7                 | 215,600*             |                 | 55              | 70.0           | 138.9                 | 75,200               |          |
|                 | 20              | 79.5           | 76.5                  | 312,900*             |                 | 30              | 78.0           | 115.2                 | 198,900*             |                 | 60              | 67.8           | 136.8                 | 64,000               |          |
|                 | 22              | 77.8           | 76.0                  | 282,400*             |                 | 32              | 77.0           | 114.7                 | 184,200*             |                 | 65              | 65.5           | 134.6                 | 54,800               |          |
|                 | 24              | 76.1           | 75.5                  | 256,700*             |                 | 34              | 75.9           | 114.2                 | 171,200*             |                 | <b>160</b>      | 26             | 82.8                  | 156.6                | 201,500* |
|                 | 26              | 74.4           | 74.9                  | 234,700*             |                 | 36              | 74.8           | 113.6                 | 156,300              |                 |                 | 28             | 82.0                  | 156.3                | 196,500* |
|                 | 28              | 72.7           | 74.2                  | 215,600*             |                 | 38              | 73.7           | 113.0                 | 142,500              |                 |                 | 30             | 81.3                  | 156.0                | 191,500* |
|                 | 30              | 70.9           | 73.5                  | 198,900*             |                 | 40              | 72.6           | 112.4                 | 130,500              |                 |                 | 32             | 80.5                  | 155.6                | 183,400* |
| 32              | 69.2            | 72.7           | 184,100*              | 42                   | 71.5            | 111.7           | 120,000        | 34                    | 79.7                 | 155.3           |                 | 170,300*       |                       |                      |          |
| 34              | 67.4            | 71.8           | 169,100               | 44                   | 70.4            | 110.9           | 110,800        | 36                    | 78.9                 | 154.8           |                 | 157,500        |                       |                      |          |
| 36              | 65.6            | 70.9           | 153,200               | 46                   | 69.3            | 110.2           | 102,600        | 38                    | 78.2                 | 154.4           |                 | 143,600        |                       |                      |          |
| <b>80</b>       | 17              | 83.0           | 87.2                  | 370,300*             | 50              | 67.0            | 108.5          | 88,600                | 40                   | 77.4            |                 | 153.9          | 131,500               |                      |          |
|                 | 18              | 82.3           | 87.0                  | 349,300*             | 48              | 68.2            | 109.3          | 95,200                | 42                   | 76.6            |                 | 153.5          | 120,900               |                      |          |
|                 | 19              | 81.5           | 86.9                  | 330,100*             | 55              | 64.1            | 106.1          | 74,600                | 44                   | 75.8            |                 | 152.9          | 111,600               |                      |          |
|                 | 20              | 80.8           | 86.7                  | 312,700*             | <b>120</b>      | 22              | 82.9           | 126.9                 | 277,300*             | 46              | 75.0            | 152.4          | 103,300               |                      |          |
|                 | 22              | 79.3           | 86.3                  | 282,300*             |                 | 24              | 82.0           | 126.6                 | 256,400*             | 48              | 74.2            | 151.8          | 95,900                |                      |          |
|                 | 24              | 77.9           | 85.8                  | 256,600*             |                 | 26              | 81.0           | 126.2                 | 234,500*             | 50              | 73.4            | 151.2          | 89,200                |                      |          |
|                 | 26              | 76.4           | 85.3                  | 234,600*             |                 | 28              | 80.0           | 125.9                 | 215,400*             | 55              | 71.4            | 149.5          | 75,100                |                      |          |
|                 | 28              | 74.9           | 84.7                  | 215,500*             |                 | 30              | 79.1           | 125.5                 | 198,800*             | 60              | 69.4            | 147.6          | 63,900                |                      |          |
|                 | 30              | 73.4           | 84.1                  | 198,800*             |                 | 32              | 78.1           | 125.0                 | 184,100*             | 65              | 67.3            | 145.6          | 54,600                |                      |          |
|                 | 32              | 71.9           | 83.4                  | 184,100*             |                 | 34              | 77.1           | 124.5                 | 171,100*             | 70              | 65.2            | 143.3          | 46,900                |                      |          |
| 34              | 70.4            | 82.7           | 170,200               | 36                   |                 | 76.1            | 124.0          | 156,700               | <b>170</b>           | 28              | 82.5            | 166.4          | 187,300*              |                      |          |
| 36              | 68.8            | 81.9           | 154,200               | 38                   |                 | 75.1            | 123.5          | 142,900               |                      | 30              | 81.8            | 166.1          | 182,700*              |                      |          |
| 38              | 67.3            | 81.0           | 140,500               | 40                   |                 | 74.1            | 122.9          | 130,800               |                      | 32              | 81.1            | 165.8          | 178,100*              |                      |          |
| 40              | 65.7            | 80.0           | 128,600               | 42                   | 73.1            | 122.2           | 120,300        | 34                    |                      | 80.4            | 165.4           | 169,900*       |                       |                      |          |
| 42              | 64.1            | 79.0           | 118,200               | 44                   | 72.1            | 121.6           | 111,100        | 36                    |                      | 79.6            | 165.1           | 157,600        |                       |                      |          |
| <b>90</b>       | 19              | 82.5           | 97.0                  | 330,100*             | 46              | 71.1            | 120.9          | 102,800               |                      | 38              | 78.9            | 164.6          | 143,600               |                      |          |
|                 | 20              | 81.8           | 96.8                  | 312,700*             | 48              | 70.1            | 120.1          | 95,500                |                      | 40              | 78.2            | 164.2          | 131,500               |                      |          |
|                 | 22              | 80.5           | 96.5                  | 282,400*             | 50              | 69.1            | 119.3          | 88,800                |                      | 42              | 77.4            | 163.7          | 120,900               |                      |          |
|                 | 24              | 79.2           | 96.1                  | 256,700*             | 55              | 66.5            | 117.2          | 74,800                |                      | 44              | 76.7            | 163.3          | 111,600               |                      |          |
|                 | 26              | 77.9           | 95.6                  | 234,700*             | <b>130</b>      | 24              | 82.6           | 136.7                 |                      | 243,700*        | 46              | 76.0           | 162.7                 | 103,300              |          |
|                 | 28              | 76.6           | 95.1                  | 215,600*             |                 | 26              | 81.7           | 136.4                 | 234,400*             | 48              | 75.2            | 162.2          | 95,900                |                      |          |
|                 | 30              | 75.3           | 94.6                  | 198,900*             |                 | 28              | 80.8           | 136.0                 | 215,400*             | 50              | 74.5            | 161.6          | 89,200                |                      |          |
|                 | 32              | 74.0           | 94.0                  | 184,200*             |                 | 30              | 79.9           | 135.7                 | 198,800*             | 55              | 72.6            | 160.1          | 75,000                |                      |          |
|                 | 34              | 72.6           | 93.3                  | 171,200              |                 | 32              | 79.0           | 135.3                 | 184,100*             | 60              | 70.7            | 158.3          | 63,700                |                      |          |
|                 | 36              | 71.3           | 92.6                  | 155,100              |                 | 34              | 78.1           | 134.8                 | 171,100*             | 65              | 68.8            | 156.4          | 54,500                |                      |          |
| 38              | 69.9            | 91.8           | 141,300               | 36                   |                 | 77.2            | 134.3          | 157,100               | 70                   | 66.8            | 154.3           | 46,800         |                       |                      |          |
| 40              | 68.6            | 91.0           | 129,400               | 38                   |                 | 76.3            | 133.8          | 143,300               | 75                   | 64.9            | 152.0           | 40,300         |                       |                      |          |
| 42              | 67.2            | 90.1           | 119,000               | 40                   |                 | 75.4            | 133.3          | 131,200               | <b>180</b>           | 28              | 83.0            | 176.5          | 171,600*              |                      |          |
| 44              | 65.8            | 89.2           | 109,800               | 42                   |                 | 74.5            | 132.7          | 120,700               |                      | 30              | 82.3            | 176.2          | 167,900*              |                      |          |
| 46              | 64.3            | 88.2           | 101,600               | 44                   | 73.5            | 132.1           | 111,400        | 32                    |                      | 81.6            | 175.9           | 164,300*       |                       |                      |          |
| <b>100</b>      | 20              | 82.7           | 107.0                 | 312,900*             | 46              | 72.6            | 131.5          | 103,200               |                      | 34              | 80.9            | 175.6          | 160,800*              |                      |          |
|                 | 22              | 81.5           | 106.6                 | 282,500*             | 48              | 71.7            | 130.8          | 95,800                |                      | 36              | 80.3            | 175.2          | 157,200*              |                      |          |
|                 | 24              | 80.3           | 106.3                 | 256,900*             | 50              | 70.7            | 130.1          | 89,100                |                      | 38              | 79.6            | 174.9          | 143,700               |                      |          |
|                 | 26              | 79.2           | 105.9                 | 234,900*             | 55              | 68.4            | 128.1          | 75,100                |                      | 40              | 78.9            | 174.4          | 131,600               |                      |          |
|                 | 28              | 78.0           | 105.4                 | 215,800*             | 60              | 66.0            | 125.9          | 63,900                |                      | 42              | 78.2            | 174.0          | 121,000               |                      |          |
|                 | 30              | 76.8           | 104.9                 | 199,200*             | <b>140</b>      | 26              | 82.3           | 146.5                 |                      | 225,600*        | 44              | 77.5           | 173.6                 | 111,600              |          |
|                 | 32              | 75.6           | 104.4                 | 184,500*             |                 | 28              | 81.5           | 146.2                 |                      | 215,200*        | 46              | 76.8           | 173.1                 | 103,300              |          |
|                 | 34              | 74.4           | 103.8                 | 171,500*             |                 | 30              | 80.6           | 145.8                 | 198,600*             | 48              | 76.1            | 172.6          | 95,900                |                      |          |
|                 | 36              | 73.2           | 103.2                 | 155,800              |                 | 32              | 79.8           | 145.5                 | 183,900*             | 50              | 75.4            | 172.0          | 89,200                |                      |          |
|                 | 38              | 72.0           | 102.5                 | 142,100              |                 | 34              | 79.0           | 145.1                 | 170,900*             | 55              | 73.7            | 170.6          | 75,100                |                      |          |
| 40              | 70.8            | 101.8          | 130,100               | 36                   |                 | 78.1            | 144.6          | 157,400               | 60                   | 71.9            | 168.9           | 63,800         |                       |                      |          |
| 42              | 69.6            | 101.0          | 119,700               | 38                   |                 | 77.3            | 144.1          | 143,500               | 65                   | 70.1            | 167.1           | 54,500         |                       |                      |          |
| 44              | 68.3            | 100.2          | 110,400               | 40                   |                 | 76.4            | 143.6          | 131,400               | 70                   | 68.3            | 165.2           | 46,800         |                       |                      |          |
| 46              | 67.1            | 99.3           | 102,200               | 42                   |                 | 75.6            | 143.1          | 120,900               | 75                   | 66.4            | 163.0           | 40,300         |                       |                      |          |
| 48              | 65.8            | 98.4           | 94,900                | 44                   |                 | 74.7            | 142.5          | 111,600               | 80                   | 64.6            | 160.6           | 34,700         |                       |                      |          |
| 50              | 64.6            | 97.4           | 88,300                |                      |                 |                 |                |                       |                      |                 |                 |                |                       |                      |          |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 2**

**BOOM NO. 22EL  
LUFFING JIB NO. 135  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING**

### 80 FT. LUFFING JIB, ATTACHED AT 150 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>180</b>      | 30              | 82.7           | 186.3                 | 158,500*             |
|                 | 32              | 82.1           | 186.0                 | 155,200*             |
|                 | 34              | 81.4           | 185.7                 | 151,800*             |
|                 | 36              | 80.8           | 185.4                 | 148,500*             |
|                 | 38              | 80.2           | 185.0                 | 143,700              |
|                 | 40              | 79.5           | 184.6                 | 131,500              |
|                 | 42              | 78.9           | 184.2                 | 120,900              |
|                 | 44              | 78.2           | 183.8                 | 111,500              |
|                 | 46              | 77.6           | 183.4                 | 103,200              |
|                 | 48              | 76.9           | 182.9                 | 95,800               |
| 50              | 76.2            | 182.4          | 89,100                |                      |
| 55              | 74.6            | 181.0          | 74,900                |                      |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>180</b>      | 60              | 72.9           | 179.5                 | 63,600               |
|                 | 65              | 71.2           | 177.8                 | 54,300               |
|                 | 70              | 69.5           | 175.9                 | 46,600               |
|                 | 75              | 67.8           | 173.9                 | 40,100               |
|                 | 80              | 66.1           | 171.7                 | 34,400               |
| 85              | 64.3            | 169.3          | 29,600                |                      |
| <b>190</b>      | 32              | 82.5           | 196.2                 | 118,000*             |
|                 | 34              | 81.9           | 195.9                 | 118,000*             |
|                 | 36              | 81.3           | 195.5                 | 118,000*             |
|                 | 38              | 80.7           | 195.2                 | 118,000*             |
|                 | 40              | 80.1           | 194.8                 | 118,000*             |
|                 | 42              | 79.4           | 194.4                 | 118,000*             |
|                 | 44              | 78.8           | 194.0                 | 112,100              |
| 46              | 78.2            | 193.6          | 103,700               |                      |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>190</b>      | 48              | 77.6           | 193.2                 | 96,200               |
|                 | 50              | 77.0           | 192.7                 | 89,500               |
|                 | 55              | 75.4           | 191.4                 | 75,300               |
|                 | 60              | 73.9           | 189.9                 | 64,000               |
|                 | 65              | 72.3           | 188.4                 | 54,700               |
|                 | 70              | 70.7           | 186.6                 | 46,900               |
|                 | 75              | 69.1           | 184.7                 | 40,400               |
|                 | 80              | 67.4           | 182.7                 | 34,800               |
|                 | 85              | 65.8           | 180.4                 | 29,900               |
|                 | 90              | 64.1           | 178.0                 | 25,600               |

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## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

### 888 SERIES 2

**BOOM NO. 22EL**  
**LUFFING JIB NO. 135**  
**179,100 LB. CRANE COUNTERWEIGHT**  
**44,000 LB. CARBODY COUNTERWEIGHT**  
**28'2" CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 90 FT. LUFFING JIB, ATTACHED AT 150 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>70</b>       | 16              | 82.8           | 77.2                  | 389,800*             |
|                 | 17              | 82.0           | 77.1                  | 366,400*             |
|                 | 18              | 81.1           | 76.9                  | 345,300*             |
|                 | 19              | 80.3           | 76.7                  | 326,300*             |
|                 | 20              | 79.5           | 76.5                  | 309,000*             |
|                 | 22              | 77.8           | 76.0                  | 278,700*             |
|                 | 24              | 76.4           | 75.5                  | 253,100*             |
|                 | 26              | 74.4           | 74.9                  | 231,200*             |
|                 | 28              | 72.7           | 74.2                  | 212,200*             |
|                 | 30              | 70.9           | 73.5                  | 195,600*             |
| 32              | 69.2            | 72.7           | 181,000*              |                      |
| 34              | 67.4            | 71.8           | 165,900               |                      |
| 36              | 65.6            | 70.9           | 150,100               |                      |
| <b>80</b>       | 17              | 83.0           | 87.2                  | 366,300*             |
|                 | 18              | 82.3           | 87.0                  | 345,200*             |
|                 | 19              | 81.5           | 86.9                  | 326,200*             |
|                 | 20              | 80.8           | 86.7                  | 308,900*             |
|                 | 22              | 79.3           | 86.3                  | 278,700*             |
|                 | 24              | 77.9           | 85.8                  | 253,100*             |
|                 | 26              | 76.4           | 85.3                  | 231,200*             |
|                 | 28              | 74.9           | 84.7                  | 212,300*             |
|                 | 30              | 73.4           | 84.1                  | 195,700*             |
|                 | 32              | 71.9           | 83.4                  | 181,100*             |
| 34              | 70.4            | 82.7           | 167,100               |                      |
| 36              | 68.8            | 81.9           | 151,200               |                      |
| 38              | 67.3            | 81.0           | 137,700               |                      |
| 40              | 65.7            | 80.0           | 125,900               |                      |
| 42              | 64.1            | 79.0           | 115,600               |                      |
| <b>90</b>       | 19              | 82.5           | 97.0                  | 326,300*             |
|                 | 20              | 81.8           | 96.8                  | 309,000*             |
|                 | 22              | 80.5           | 96.5                  | 278,800*             |
|                 | 24              | 79.2           | 96.1                  | 253,200*             |
|                 | 26              | 77.9           | 95.6                  | 231,400*             |
|                 | 28              | 76.6           | 95.1                  | 212,400*             |
|                 | 30              | 75.3           | 94.6                  | 195,900*             |
|                 | 32              | 74.0           | 94.0                  | 181,300*             |
|                 | 34              | 72.6           | 93.3                  | 168,100              |
|                 | 36              | 71.3           | 92.6                  | 152,200              |
| 38              | 69.9            | 91.8           | 138,600               |                      |
| 40              | 68.6            | 91.0           | 126,800               |                      |
| 42              | 67.2            | 90.1           | 116,400               |                      |
| 44              | 65.8            | 89.2           | 107,300               |                      |
| 46              | 64.3            | 88.2           | 99,200                |                      |
| <b>100</b>      | 20              | 82.7           | 107.0                 | 309,200*             |
|                 | 22              | 81.5           | 106.6                 | 279,000*             |
|                 | 24              | 80.3           | 106.3                 | 253,500*             |
|                 | 26              | 79.2           | 105.9                 | 231,700*             |
|                 | 28              | 78.0           | 105.4                 | 212,700*             |
|                 | 30              | 76.8           | 104.9                 | 196,200*             |
|                 | 32              | 75.6           | 104.4                 | 181,600*             |
|                 | 34              | 74.4           | 103.8                 | 168,600*             |
|                 | 36              | 73.2           | 103.2                 | 153,000              |
|                 | 38              | 72.0           | 102.5                 | 139,400              |
| 40              | 70.8            | 101.8          | 127,600               |                      |
| 42              | 69.6            | 101.0          | 117,200               |                      |
| 44              | 68.3            | 100.2          | 108,100               |                      |
| 46              | 67.1            | 99.3           | 99,900                |                      |
| 48              | 65.8            | 98.4           | 92,700                |                      |
| 50              | 64.6            | 97.4           | 86,100                |                      |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>110</b>      | 22              | 82.3           | 116.8                 | 278,800*             |
|                 | 24              | 81.2           | 116.4                 | 253,300*             |
|                 | 26              | 80.2           | 116.1                 | 231,400*             |
|                 | 28              | 79.1           | 115.7                 | 212,500*             |
|                 | 30              | 78.0           | 115.2                 | 196,000*             |
|                 | 32              | 77.0           | 114.7                 | 181,400*             |
|                 | 34              | 75.9           | 114.2                 | 168,400*             |
|                 | 36              | 74.8           | 113.6                 | 153,600              |
|                 | 38              | 73.7           | 113.0                 | 139,900              |
|                 | 40              | 72.6           | 112.4                 | 128,000              |
| 42              | 71.5            | 111.7          | 117,600               |                      |
| 44              | 70.4            | 110.9          | 108,500               |                      |
| 46              | 69.3            | 110.2          | 100,300               |                      |
| 48              | 68.2            | 109.3          | 93,000                |                      |
| 50              | 67.0            | 108.5          | 86,400                |                      |
| 55              | 64.1            | 106.1          | 72,600                |                      |
| <b>120</b>      | 22              | 82.9           | 126.9                 | 274,400*             |
|                 | 24              | 82.0           | 126.6                 | 253,200*             |
|                 | 26              | 81.0           | 126.2                 | 231,300*             |
|                 | 28              | 80.0           | 125.9                 | 212,400*             |
|                 | 30              | 79.1           | 125.5                 | 195,900*             |
|                 | 32              | 78.1           | 125.0                 | 181,300*             |
|                 | 34              | 77.1           | 124.5                 | 168,400*             |
|                 | 36              | 76.1           | 124.0                 | 154,000              |
|                 | 38              | 75.1           | 123.5                 | 140,300              |
|                 | 40              | 74.1           | 122.9                 | 128,400              |
| 42              | 73.1            | 122.2          | 118,000               |                      |
| 44              | 72.1            | 121.6          | 108,800               |                      |
| 46              | 71.1            | 120.9          | 100,600               |                      |
| 48              | 70.1            | 120.1          | 93,300                |                      |
| 50              | 69.1            | 119.3          | 86,700                |                      |
| 55              | 66.5            | 117.2          | 72,800                |                      |
| <b>130</b>      | 24              | 82.6           | 136.7                 | 240,300*             |
|                 | 26              | 81.7           | 136.4                 | 231,400*             |
|                 | 28              | 80.8           | 136.0                 | 212,500*             |
|                 | 30              | 79.9           | 135.7                 | 196,000*             |
|                 | 32              | 79.0           | 135.3                 | 181,400*             |
|                 | 34              | 78.1           | 134.8                 | 168,400*             |
|                 | 36              | 77.2           | 134.3                 | 154,500              |
|                 | 38              | 76.3           | 133.8                 | 140,700              |
|                 | 40              | 75.4           | 133.3                 | 128,800              |
|                 | 42              | 74.5           | 132.7                 | 118,400              |
| 44              | 73.5            | 132.1          | 109,200               |                      |
| 46              | 72.6            | 131.5          | 101,000               |                      |
| 48              | 71.7            | 130.8          | 93,700                |                      |
| 50              | 70.7            | 130.1          | 87,100                |                      |
| 55              | 68.4            | 128.1          | 73,200                |                      |
| 60              | 66.0            | 125.9          | 62,100                |                      |
| <b>140</b>      | 26              | 82.3           | 146.5                 | 222,200*             |
|                 | 28              | 81.5           | 146.2                 | 212,200*             |
|                 | 30              | 80.6           | 145.8                 | 195,700*             |
|                 | 32              | 79.8           | 145.5                 | 181,200*             |
|                 | 34              | 79.0           | 145.1                 | 168,300*             |
|                 | 36              | 78.1           | 144.6                 | 154,800              |
|                 | 38              | 77.3           | 144.1                 | 141,000              |
|                 | 40              | 76.4           | 143.6                 | 129,000              |
|                 | 42              | 75.6           | 143.1                 | 118,600              |
|                 | 44              | 74.7           | 142.5                 | 109,400              |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>140</b>      | 46              | 73.9           | 141.9                 | 101,200              |
|                 | 48              | 73.0           | 141.3                 | 93,900               |
|                 | 50              | 72.2           | 140.7                 | 87,300               |
|                 | 55              | 70.0           | 138.9                 | 73,300               |
|                 | 60              | 67.8           | 136.8                 | 62,200               |
|                 | 65              | 65.5           | 134.6                 | 53,100               |
| <b>150</b>      | 26              | 82.8           | 156.6                 | 198,300*             |
|                 | 28              | 82.0           | 156.3                 | 193,300*             |
|                 | 30              | 81.3           | 156.0                 | 188,400*             |
|                 | 32              | 80.5           | 155.6                 | 180,700*             |
|                 | 34              | 79.7           | 155.3                 | 167,700*             |
|                 | 36              | 78.9           | 154.8                 | 155,000              |
|                 | 38              | 78.2           | 154.4                 | 141,200              |
|                 | 40              | 77.4           | 153.9                 | 129,200              |
|                 | 42              | 76.6           | 153.5                 | 118,700              |
|                 | 44              | 75.8           | 152.9                 | 109,500              |
| 46              | 75.0            | 152.4          | 101,200               |                      |
| 48              | 74.2            | 151.8          | 93,900                |                      |
| 50              | 73.4            | 151.2          | 87,300                |                      |
| 55              | 71.4            | 149.5          | 73,300                |                      |
| 60              | 69.4            | 147.6          | 62,100                |                      |
| 65              | 67.3            | 145.6          | 53,000                |                      |
| 70              | 65.2            | 143.3          | 45,300                |                      |
| <b>160</b>      | 28              | 82.5           | 166.4                 | 184,000*             |
|                 | 30              | 81.8           | 166.1                 | 179,400*             |
|                 | 32              | 81.1           | 165.8                 | 174,900*             |
|                 | 34              | 80.4           | 165.4                 | 167,400*             |
|                 | 36              | 79.6           | 165.1                 | 155,000              |
|                 | 38              | 78.9           | 164.6                 | 141,200              |
|                 | 40              | 78.2           | 164.2                 | 129,200              |
|                 | 42              | 77.4           | 163.7                 | 118,700              |
|                 | 44              | 76.7           | 163.3                 | 109,400              |
|                 | 46              | 76.0           | 162.7                 | 101,200              |
| 48              | 75.2            | 162.2          | 93,900                |                      |
| 50              | 74.5            | 161.6          | 87,200                |                      |
| 55              | 72.6            | 160.1          | 73,200                |                      |
| 60              | 70.7            | 158.3          | 62,000                |                      |
| 65              | 68.8            | 156.4          | 52,900                |                      |
| 70              | 66.8            | 154.3          | 45,200                |                      |
| 75              | 64.9            | 152.0          | 38,800                |                      |
| <b>170</b>      | 28              | 83.0           | 176.5                 | 168,400*             |
|                 | 30              | 82.3           | 176.2                 | 164,900*             |
|                 | 32              | 81.6           | 175.9                 | 161,300*             |
|                 | 34              | 80.9           | 175.6                 | 157,700*             |
|                 | 36              | 80.3           | 175.2                 | 154,200*             |
|                 | 38              | 79.6           | 174.9                 | 141,300              |
|                 | 40              | 78.9           | 174.4                 | 129,300              |
|                 | 42              | 78.2           | 174.0                 | 118,800              |
|                 | 44              | 77.5           | 173.6                 | 109,500              |
|                 | 46              | 76.8           | 173.1                 | 101,300              |
| 48              | 76.1            | 172.6          | 93,900                |                      |
| 50              | 75.4            | 172.0          | 87,300                |                      |
| 55              | 73.7            | 170.6          | 73,300                |                      |
| 60              | 71.9            | 168.9          | 62,100                |                      |
| 65              | 70.1            | 167.1          | 52,900                |                      |
| 70              | 68.3            | 165.2          | 45,300                |                      |
| 75              | 66.4            | 163.0          | 38,800                |                      |
| 80              | 64.6            | 160.6          | 33,200                |                      |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 2**

**BOOM NO. 22EL  
LUFFING JIB NO. 135  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING**

### 90 FT. LUFFING JIB, ATTACHED AT 150 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>180</b>      | 30              | 82.7           | 186.3                 | 155,400*             |
|                 | 32              | 82.1           | 186.0                 | 152,100*             |
|                 | 34              | 81.4           | 185.7                 | 148,700*             |
|                 | 36              | 80.8           | 185.4                 | 145,500*             |
|                 | 38              | 80.2           | 185.0                 | 141,300              |
|                 | 40              | 79.5           | 184.6                 | 129,300              |
|                 | 42              | 78.9           | 184.2                 | 118,700              |
|                 | 44              | 78.2           | 183.8                 | 109,500              |
|                 | 46              | 77.6           | 183.4                 | 101,200              |
|                 | 48              | 76.9           | 182.9                 | 93,800               |
| 50              | 76.2            | 182.4          | 87,200                |                      |
| 55              | 74.6            | 181.0          | 73,100                |                      |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>180</b>      | 60              | 72.9           | 179.5                 | 61,900               |
|                 | 65              | 71.2           | 177.8                 | 52,700               |
|                 | 70              | 69.5           | 175.9                 | 45,100               |
|                 | 75              | 67.8           | 173.9                 | 38,600               |
|                 | 80              | 66.1           | 171.7                 | 33,000               |
| 85              | 64.3            | 169.3          | 28,200                |                      |
| <b>190</b>      | 32              | 82.5           | 196.2                 | 118,000*             |
|                 | 34              | 81.9           | 195.9                 | 118,000*             |
|                 | 36              | 81.3           | 195.5                 | 118,000*             |
|                 | 38              | 80.7           | 195.2                 | 118,000*             |
|                 | 40              | 80.1           | 194.8                 | 118,000*             |
|                 | 42              | 79.4           | 194.4                 | 118,000*             |
|                 | 44              | 78.8           | 194.0                 | 110,000              |
| 46              | 78.2            | 193.6          | 101,700               |                      |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>190</b>      | 48              | 77.6           | 193.2                 | 94,300               |
|                 | 50              | 77.0           | 192.7                 | 87,700               |
|                 | 55              | 75.4           | 191.4                 | 73,600               |
|                 | 60              | 73.9           | 189.9                 | 62,300               |
|                 | 65              | 72.3           | 188.4                 | 53,100               |
|                 | 70              | 70.7           | 186.6                 | 45,400               |
|                 | 75              | 69.1           | 184.7                 | 38,900               |
|                 | 80              | 67.4           | 182.7                 | 33,400               |
|                 | 85              | 65.8           | 180.4                 | 28,500               |
|                 | 90              | 64.1           | 178.0                 | 24,300               |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

### 888 SERIES 2

**BOOM NO. 22EL**  
**LUFFING JIB NO. 135**  
**179,100 LB. CRANE COUNTERWEIGHT**  
**44,000 LB. CARBODY COUNTERWEIGHT**  
**28'2" CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 100 FT. LUFFING JIB, ATTACHED AT 160 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS | BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS | BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|-----------------|-----------------|----------------|-----------------------|----------------------|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>70</b>       | 16              | 82.8           | 77.2                  | 393,000*             | <b>100</b>      | 20              | 82.7           | 107.0                 | 311,600*             | <b>130</b>      | 24              | 82.6           | 136.7                 | 245,400*             |
|                 | 17              | 82.0           | 77.1                  | 369,200*             |                 | 22              | 81.5           | 106.6                 | 281,000*             |                 | 26              | 81.7           | 136.4                 | 233,000*             |
|                 | 18              | 81.1           | 76.9                  | 347,900*             |                 | 24              | 80.3           | 106.3                 | 255,100*             |                 | 28              | 80.8           | 136.0                 | 213,800*             |
|                 | 19              | 80.3           | 76.7                  | 328,500*             |                 | 26              | 79.2           | 105.9                 | 233,000*             |                 | 30              | 79.9           | 135.7                 | 197,100*             |
|                 | 20              | 79.5           | 76.5                  | 310,900*             |                 | 28              | 78.0           | 105.4                 | 213,800*             |                 | 32              | 79.0           | 135.3                 | 182,300*             |
|                 | 22              | 77.8           | 76.0                  | 280,200*             |                 | 30              | 76.8           | 104.9                 | 197,000*             |                 | 34              | 78.1           | 134.8                 | 169,200*             |
|                 | 24              | 76.1           | 75.5                  | 254,200*             |                 | 32              | 75.6           | 104.4                 | 182,200*             |                 | 36              | 77.2           | 134.3                 | 155,400              |
|                 | 26              | 74.4           | 74.9                  | 232,000*             |                 | 34              | 74.4           | 103.8                 | 169,000*             |                 | 38              | 76.3           | 133.8                 | 141,500              |
|                 | 28              | 72.7           | 74.2                  | 212,700*             |                 | 36              | 73.2           | 103.2                 | 153,600              |                 | 40              | 75.4           | 133.3                 | 129,400              |
|                 | 30              | 70.9           | 73.5                  | 195,800*             |                 | 38              | 72.0           | 102.5                 | 139,700              |                 | 42              | 74.5           | 132.7                 | 118,800              |
|                 | 32              | 69.2           | 72.7                  | 180,900*             |                 | 40              | 70.8           | 101.8                 | 127,700              |                 | 44              | 73.5           | 132.1                 | 109,500              |
|                 | 34              | 67.4           | 71.8                  | 165,900              |                 | 42              | 69.6           | 101.0                 | 117,200              |                 | 46              | 72.6           | 131.5                 | 101,200              |
|                 | 36              | 65.6           | 70.9                  | 149,900              |                 | 44              | 68.3           | 100.2                 | 108,000              |                 | 48              | 71.7           | 130.8                 | 93,800               |
|                 | 38              | 63.7           | 69.8                  | 136,200              |                 | 46              | 67.1           | 99.3                  | 99,700               |                 | 50              | 70.7           | 130.1                 | 87,100               |
| 40              | 61.9            | 68.7           | 124,300               | 48                   | 65.8            | 98.4            | 92,300         | 55                    | 68.4                 | 128.1           | 73,000          |                |                       |                      |
| 42              | 60.0            | 67.5           | 113,900               | 50                   | 64.6            | 97.4            | 85,700         | 60                    | 66.0                 | 125.9           | 61,700          |                |                       |                      |
| 44              | 58.0            | 66.2           | 104,700               | 55                   | 61.3            | 94.7            | 71,700         | 65                    | 63.5                 | 123.4           | 52,400          |                |                       |                      |
|                 |                 |                |                       | 60                   | 57.9            | 91.6            | 60,400         | 70                    | 61.0                 | 120.7           | 44,700          |                |                       |                      |
|                 |                 |                |                       |                      |                 |                 |                | 75                    | 58.4                 | 117.6           | 38,200          |                |                       |                      |
| <b>80</b>       | 17              | 83.0           | 87.2                  | 369,300*             | <b>110</b>      | 22              | 82.3           | 116.8                 | 280,900*             | <b>140</b>      | 26              | 82.3           | 146.5                 | 227,500*             |
|                 | 18              | 82.3           | 87.0                  | 347,900*             |                 | 24              | 81.2           | 116.4                 | 255,000*             |                 | 28              | 81.5           | 146.2                 | 213,700*             |
|                 | 19              | 81.5           | 86.9                  | 328,600*             |                 | 26              | 80.2           | 116.1                 | 232,900*             |                 | 30              | 80.6           | 145.8                 | 196,900*             |
|                 | 20              | 80.8           | 86.7                  | 311,100*             |                 | 28              | 79.1           | 115.7                 | 213,700*             |                 | 32              | 79.8           | 145.5                 | 182,200*             |
|                 | 22              | 79.3           | 86.3                  | 280,400*             |                 | 30              | 78.0           | 115.2                 | 196,900*             |                 | 34              | 79.0           | 145.1                 | 169,100*             |
|                 | 24              | 77.9           | 85.8                  | 254,500*             |                 | 32              | 77.0           | 114.7                 | 182,100*             |                 | 36              | 78.1           | 144.6                 | 155,800              |
|                 | 26              | 76.4           | 85.3                  | 232,200*             |                 | 34              | 75.9           | 114.2                 | 169,000*             |                 | 38              | 77.3           | 144.1                 | 141,800              |
|                 | 28              | 74.9           | 84.7                  | 213,000*             |                 | 36              | 74.8           | 113.6                 | 154,300              |                 | 40              | 76.4           | 143.6                 | 129,700              |
|                 | 30              | 73.4           | 84.1                  | 196,200*             |                 | 38              | 73.7           | 113.0                 | 140,400              |                 | 42              | 75.6           | 143.1                 | 119,100              |
|                 | 32              | 71.9           | 83.4                  | 181,300*             |                 | 40              | 72.6           | 112.4                 | 128,400              |                 | 44              | 74.7           | 142.5                 | 109,800              |
|                 | 34              | 70.4           | 82.7                  | 167,400              |                 | 42              | 71.5           | 111.7                 | 117,800              |                 | 46              | 73.9           | 141.9                 | 101,500              |
|                 | 36              | 68.8           | 81.9                  | 151,400              |                 | 44              | 70.4           | 110.9                 | 108,500              |                 | 48              | 73.0           | 141.3                 | 94,000               |
|                 | 38              | 67.3           | 81.0                  | 137,600              |                 | 46              | 69.3           | 110.2                 | 100,200              |                 | 50              | 72.2           | 140.7                 | 87,300               |
|                 | 40              | 65.7           | 80.0                  | 125,600              |                 | 48              | 68.2           | 109.3                 | 92,800               |                 | 55              | 70.0           | 138.9                 | 73,200               |
| 42              | 64.1            | 79.0           | 115,200               | 50                   | 67.0            | 108.5           | 86,200         | 60                    | 67.8                 | 136.8           | 61,900          |                |                       |                      |
| 44              | 62.4            | 78.0           | 106,000               | 55                   | 64.1            | 106.1           | 72,100         | 65                    | 65.5                 | 134.6           | 52,600          |                |                       |                      |
| 46              | 60.8            | 76.8           | 97,800                | 60                   | 61.2            | 103.4           | 60,800         | 70                    | 63.3                 | 132.1           | 44,900          |                |                       |                      |
| 48              | 59.1            | 75.6           | 90,400                | 65                   | 58.1            | 100.3           | 51,600         | 75                    | 60.9                 | 129.3           | 38,400          |                |                       |                      |
| 50              | 57.4            | 74.3           | 83,800                |                      |                 |                 |                | 80                    | 58.5                 | 126.3           | 32,800          |                |                       |                      |
| <b>90</b>       | 19              | 82.5           | 97.0                  | 328,800*             | <b>120</b>      | 22              | 82.9           | 126.9                 | 278,500*             | <b>150</b>      | 26              | 82.8           | 156.6                 | 203,500*             |
|                 | 20              | 81.8           | 96.8                  | 311,300*             |                 | 24              | 82.0           | 126.6                 | 255,000*             |                 | 28              | 82.0           | 156.3                 | 198,300*             |
|                 | 22              | 80.5           | 96.5                  | 280,700*             |                 | 26              | 81.0           | 126.2                 | 232,900*             |                 | 30              | 81.3           | 156.0                 | 193,100*             |
|                 | 24              | 79.2           | 96.1                  | 254,700*             |                 | 28              | 80.0           | 125.9                 | 213,700*             |                 | 32              | 80.5           | 155.6                 | 181,700*             |
|                 | 26              | 77.9           | 95.6                  | 232,600*             |                 | 30              | 79.1           | 125.5                 | 196,900*             |                 | 34              | 79.7           | 155.3                 | 168,600*             |
|                 | 28              | 76.6           | 95.1                  | 213,300*             |                 | 32              | 78.1           | 125.0                 | 182,200*             |                 | 36              | 78.9           | 154.8                 | 156,100              |
|                 | 30              | 75.3           | 94.6                  | 196,500*             |                 | 34              | 77.1           | 124.5                 | 169,000*             |                 | 38              | 78.2           | 154.4                 | 142,000              |
|                 | 32              | 74.0           | 94.0                  | 181,700*             |                 | 36              | 76.1           | 124.0                 | 154,800              |                 | 40              | 77.4           | 153.9                 | 129,900              |
|                 | 34              | 72.6           | 93.3                  | 168,500*             |                 | 38              | 75.1           | 123.5                 | 140,900              |                 | 42              | 76.6           | 153.5                 | 119,300              |
|                 | 36              | 71.3           | 92.6                  | 152,600              |                 | 40              | 74.1           | 122.9                 | 128,900              |                 | 44              | 75.8           | 152.9                 | 109,900              |
|                 | 38              | 69.9           | 91.8                  | 138,800              |                 | 42              | 73.1           | 122.2                 | 118,300              |                 | 46              | 75.0           | 152.4                 | 101,600              |
|                 | 40              | 68.6           | 91.0                  | 126,800              |                 | 44              | 72.1           | 121.6                 | 109,000              |                 | 48              | 74.2           | 151.8                 | 94,100               |
|                 | 42              | 67.2           | 90.1                  | 116,300              |                 | 46              | 71.1           | 120.9                 | 100,700              |                 | 50              | 73.4           | 151.2                 | 87,400               |
|                 | 44              | 65.8           | 89.2                  | 107,000              |                 | 48              | 70.1           | 120.1                 | 93,300               |                 | 55              | 71.4           | 149.5                 | 73,200               |
| 46              | 64.3            | 88.2           | 98,800                | 50                   | 69.1            | 119.3           | 86,600         | 60                    | 69.4                 | 147.6           | 61,900          |                |                       |                      |
| 48              | 62.9            | 87.2           | 91,400                | 55                   | 66.5            | 117.2           | 72,500         | 65                    | 67.3                 | 145.6           | 52,600          |                |                       |                      |
| 50              | 61.4            | 86.0           | 84,800                | 60                   | 63.8            | 114.7           | 61,200         | 70                    | 65.2                 | 143.3           | 44,900          |                |                       |                      |
| 55              | 57.7            | 82.9           | 70,800                | 65                   | 61.1            | 112.0           | 52,000         | 75                    | 63.0                 | 140.8           | 38,300          |                |                       |                      |
|                 |                 |                |                       | 70                   | 58.3            | 109.0           | 44,300         | 80                    | 60.9                 | 138.0           | 32,700          |                |                       |                      |
|                 |                 |                |                       |                      |                 |                 |                | 85                    | 58.6                 | 135.0           | 27,800          |                |                       |                      |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

### 888 SERIES 2

**BOOM NO. 22EL**  
**LUFFING JIB NO. 135**  
**179,100 LB. CRANE COUNTERWEIGHT**  
**44,000 LB. CARBODY COUNTERWEIGHT**  
**28'2" CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 100 FT. LUFFING JIB, ATTACHED AT 160 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS | BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS | BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |          |
|-----------------|-----------------|----------------|-----------------------|----------------------|-----------------|-----------------|----------------|-----------------------|----------------------|-----------------|-----------------|----------------|-----------------------|----------------------|----------|
| <b>160</b>      | 28              | 82.5           | 166.4                 | 189,500*             | <b>170</b>      | 44              | 77.5           | 173.6                 | 110,100              | <b>180</b>      | 75              | 67.8           | 173.9                 | 38,200               |          |
|                 | 30              | 81.8           | 166.1                 | 184,600*             |                 | 46              | 76.8           | 173.1                 | 101,800              |                 | 80              | 66.1           | 171.7                 | 32,600               |          |
|                 | 32              | 81.1           | 165.8                 | 179,800*             |                 | 48              | 76.1           | 172.6                 | 94,300               |                 | 85              | 64.3           | 169.3                 | 27,700               |          |
|                 | 34              | 80.4           | 165.4                 | 168,300*             |                 | 50              | 75.4           | 172.0                 | 87,600               |                 | 90              | 62.5           | 166.8                 | 23,400               |          |
|                 | 36              | 79.6           | 165.1                 | 156,200              |                 | 55              | 73.7           | 170.6                 | 73,300               |                 | 95              | 60.7           | 164.0                 | 19,600               |          |
|                 | 38              | 78.9           | 164.6                 | 142,200              |                 | 60              | 71.9           | 168.9                 | 62,000               |                 | 100             | 58.9           | 161.0                 | 16,300               |          |
|                 | 40              | 78.2           | 164.2                 | 130,000              |                 | 65              | 70.1           | 167.1                 | 52,700               |                 | <b>190</b>      | 32             | 82.5                  | 196.2                | 118,000* |
|                 | 42              | 77.4           | 163.7                 | 119,400              |                 | 70              | 68.3           | 165.2                 | 44,900               |                 |                 | 34             | 81.9                  | 195.9                | 118,000* |
|                 | 44              | 76.7           | 163.3                 | 110,000              |                 | 75              | 66.4           | 163.0                 | 38,400               |                 |                 | 36             | 81.3                  | 195.5                | 118,000* |
|                 | 46              | 76.0           | 162.7                 | 101,600              |                 | 80              | 64.6           | 160.6                 | 32,700               |                 |                 | 38             | 80.7                  | 195.2                | 118,000* |
|                 | 48              | 75.2           | 162.2                 | 94,200               |                 | 85              | 62.7           | 158.1                 | 27,800               |                 |                 | 40             | 80.1                  | 194.8                | 118,000* |
|                 | 50              | 74.5           | 161.6                 | 87,400               |                 | 90              | 60.8           | 155.3                 | 23,600               |                 |                 | 42             | 79.4                  | 194.4                | 118,000* |
|                 | 55              | 72.6           | 160.1                 | 73,200               |                 | 95              | 58.8           | 152.3                 | 19,800               |                 |                 | 44             | 78.8                  | 194.0                | 110,700  |
|                 | 60              | 70.7           | 158.3                 | 61,900               |                 | <b>180</b>      | 30             | 82.7                  | 186.3                |                 |                 | 160,900*       | 46                    | 78.2                 | 193.6    |
| 65              | 68.8            | 156.4          | 52,600                | 32                   | 82.1            |                 | 186.0          | 157,300*              | 48                   | 77.6            |                 | 193.2          | 94,800                |                      |          |
| 70              | 66.8            | 154.3          | 44,800                | 34                   | 81.4            |                 | 185.7          | 153,800*              | 50                   | 77.0            |                 | 192.7          | 88,000                |                      |          |
| 75              | 64.9            | 152.0          | 38,300                | 36                   | 80.8            |                 | 185.4          | 150,300*              | <b>190</b>           | 55              |                 | 75.4           | 191.4                 | 73,700               |          |
| 80              | 62.9            | 149.4          | 32,700                | 38                   | 80.2            |                 | 185.0          | 142,400               |                      | 60              |                 | 73.9           | 189.9                 | 62,300               |          |
| 85              | 60.8            | 146.7          | 27,800                | 40                   | 79.5            |                 | 184.6          | 130,200               |                      | 65              |                 | 72.3           | 188.4                 | 53,000               |          |
| 90              | 58.7            | 143.6          | 23,500                | 42                   | 78.9            |                 | 184.2          | 119,500               |                      | 70              |                 | 70.7           | 186.6                 | 45,200               |          |
| <b>170</b>      | 28              | 83.0           | 176.5                 | 173,800*             | 44              |                 | 78.2           | 183.8                 |                      | 110,100         | 75              | 69.1           | 184.7                 | 38,600               |          |
|                 | 30              | 82.3           | 176.2                 | 170,000*             | 46              |                 | 77.6           | 183.4                 |                      | 101,700         | 80              | 67.4           | 182.7                 | 33,000               |          |
|                 | 32              | 81.6           | 175.9                 | 166,200*             | 48              |                 | 76.9           | 182.9                 |                      | 94,200          | 85              | 65.8           | 180.4                 | 28,100               |          |
|                 | 34              | 80.9           | 175.6                 | 162,400*             | 50              |                 | 76.2           | 182.4                 |                      | 87,500          | 90              | 64.1           | 178.0                 | 23,800               |          |
|                 | 36              | 80.3           | 175.2                 | 156,400              | 55              |                 | 74.6           | 181.0                 |                      | 73,300          | 95              | 62.4           | 175.4                 | 20,000               |          |
|                 | 38              | 79.6           | 174.9                 | 142,300              | 60              |                 | 72.9           | 179.5                 |                      | 61,900          | 100             | 60.7           | 172.6                 | 16,600               |          |
|                 | 40              | 78.9           | 174.4                 | 130,200              | 65              |                 | 71.2           | 177.8                 |                      | 52,600          | <b>190</b>      | 105            | 58.9                  | 169.6                | 13,600   |
|                 | 42              | 78.2           | 174.0                 | 119,500              | 70              | 69.5            | 175.9          | 44,800                |                      | 110             |                 | 57.1           | 166.4                 | 10,900               |          |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

### 888 SERIES 2

**BOOM NO. 22EL**  
**LUFFING JIB NO. 135**  
**179,100 LB. CRANE COUNTERWEIGHT**  
**44,000 LB. CARBODY COUNTERWEIGHT**  
**28'2" CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 110 FT. LUFFING JIB, ATTACHED AT 160 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS | BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS | BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|-----------------|-----------------|----------------|-----------------------|----------------------|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>70</b>       | 16              | 82.8           | 77.2                  | 390,100*             | <b>100</b>      | 20              | 82.7           | 107.0                 | 309,200*             | <b>130</b>      | 24              | 82.6           | 136.7                 | 243,700*             |
|                 | 17              | 82.0           | 77.1                  | 366,400*             |                 | 22              | 81.5           | 106.6                 | 278,700*             |                 | 26              | 81.7           | 136.4                 | 231,000*             |
|                 | 18              | 81.1           | 76.9                  | 345,100*             |                 | 24              | 80.3           | 106.3                 | 252,900*             |                 | 28              | 80.8           | 136.0                 | 211,900*             |
|                 | 19              | 80.3           | 76.7                  | 325,800*             |                 | 26              | 79.2           | 105.9                 | 230,900*             |                 | 30              | 79.9           | 135.7                 | 195,300*             |
|                 | 20              | 79.5           | 76.5                  | 308,300*             |                 | 28              | 78.0           | 105.4                 | 211,800*             |                 | 32              | 79.0           | 135.3                 | 180,600*             |
|                 | 22              | 77.8           | 76.0                  | 277,700*             |                 | 30              | 76.8           | 104.9                 | 195,000*             |                 | 34              | 78.1           | 134.8                 | 167,500*             |
|                 | 24              | 76.1           | 75.5                  | 251,800*             |                 | 32              | 75.6           | 104.4                 | 180,300*             |                 | 36              | 77.2           | 134.3                 | 153,600              |
|                 | 26              | 74.4           | 74.9                  | 229,600*             |                 | 34              | 74.4           | 103.8                 | 167,200*             |                 | 38              | 76.3           | 133.8                 | 139,800              |
|                 | 28              | 72.7           | 74.2                  | 210,400*             |                 | 36              | 73.2           | 103.2                 | 151,600              |                 | 40              | 75.4           | 133.3                 | 127,800              |
|                 | 30              | 70.9           | 73.5                  | 193,600*             |                 | 38              | 72.0           | 102.5                 | 137,900              |                 | 42              | 74.5           | 132.7                 | 117,300              |
|                 | 32              | 69.2           | 72.7                  | 178,700*             |                 | 40              | 70.8           | 101.8                 | 126,000              |                 | 44              | 73.5           | 132.1                 | 108,000              |
|                 | 34              | 67.4           | 71.8                  | 163,500              |                 | 42              | 69.6           | 101.0                 | 115,500              |                 | 46              | 72.6           | 131.5                 | 99,700               |
|                 | 36              | 65.6           | 70.9                  | 147,600              |                 | 44              | 68.3           | 100.2                 | 106,300              |                 | 48              | 71.7           | 130.8                 | 92,400               |
|                 | 38              | 63.7           | 69.8                  | 134,000              |                 | 46              | 67.1           | 99.3                  | 98,100               |                 | 50              | 70.7           | 130.1                 | 85,700               |
| 40              | 61.9            | 68.7           | 122,200               | 48                   | 65.8            | 98.4            | 90,800         | 55                    | 68.4                 | 128.1           | 71,700          |                |                       |                      |
| 42              | 60.0            | 67.5           | 111,900               | 50                   | 64.6            | 97.4            | 84,200         | 60                    | 66.0                 | 125.9           | 60,500          |                |                       |                      |
| 44              | 58.0            | 66.2           | 102,800               | 55                   | 61.3            | 94.7            | 70,300         | 65                    | 63.5                 | 123.4           | 51,300          |                |                       |                      |
|                 |                 |                |                       | 60                   | 57.9            | 91.6            | 59,100         | 70                    | 61.0                 | 120.7           | 43,700          |                |                       |                      |
|                 |                 |                |                       |                      |                 |                 |                | 75                    | 58.4                 | 117.6           | 37,200          |                |                       |                      |
| <b>80</b>       | 17              | 83.0           | 87.2                  | 366,500*             | <b>110</b>      | 22              | 82.3           | 116.8                 | 278,600*             | <b>140</b>      | 26              | 82.3           | 146.5                 | 225,700*             |
|                 | 18              | 82.3           | 87.0                  | 345,200*             |                 | 24              | 81.2           | 116.4                 | 252,900*             |                 | 28              | 81.5           | 146.2                 | 211,800*             |
|                 | 19              | 81.5           | 86.9                  | 326,000*             |                 | 26              | 80.2           | 116.1                 | 230,800*             |                 | 30              | 80.6           | 145.8                 | 195,200*             |
|                 | 20              | 80.8           | 86.7                  | 308,500*             |                 | 28              | 79.1           | 115.7                 | 211,700*             |                 | 32              | 79.8           | 145.5                 | 180,500*             |
|                 | 22              | 79.3           | 86.3                  | 278,000*             |                 | 30              | 78.0           | 115.2                 | 195,000*             |                 | 34              | 79.0           | 145.1                 | 167,400*             |
|                 | 24              | 77.9           | 85.8                  | 252,100*             |                 | 32              | 77.0           | 114.7                 | 180,300*             |                 | 36              | 78.1           | 144.6                 | 154,000              |
|                 | 26              | 76.4           | 85.3                  | 230,000*             |                 | 34              | 75.9           | 114.2                 | 167,200*             |                 | 38              | 77.3           | 144.1                 | 140,100              |
|                 | 28              | 74.9           | 84.7                  | 210,800*             |                 | 36              | 74.8           | 113.6                 | 152,400              |                 | 40              | 76.4           | 143.6                 | 128,100              |
|                 | 30              | 73.4           | 84.1                  | 194,000*             |                 | 38              | 73.7           | 113.0                 | 138,600              |                 | 42              | 75.6           | 143.1                 | 117,600              |
|                 | 32              | 71.9           | 83.4                  | 179,200*             |                 | 40              | 72.6           | 112.4                 | 126,600              |                 | 44              | 74.7           | 142.5                 | 108,300              |
|                 | 34              | 70.4           | 82.7                  | 165,200              |                 | 42              | 71.5           | 111.7                 | 116,200              |                 | 46              | 73.9           | 141.9                 | 100,100              |
|                 | 36              | 68.8           | 81.9                  | 149,200              |                 | 44              | 70.4           | 110.9                 | 106,900              |                 | 48              | 73.0           | 141.3                 | 92,700               |
|                 | 38              | 67.3           | 81.0                  | 135,500              |                 | 46              | 69.3           | 110.2                 | 98,700               |                 | 50              | 72.2           | 140.7                 | 86,000               |
|                 | 40              | 65.7           | 80.0                  | 123,700              |                 | 48              | 68.2           | 109.3                 | 91,400               |                 | 55              | 70.0           | 138.9                 | 72,000               |
| 42              | 64.1            | 79.0           | 113,300               | 50                   | 67.0            | 108.5           | 84,700         | 60                    | 67.8                 | 136.8           | 60,800          |                |                       |                      |
| 44              | 62.4            | 78.0           | 104,100               | 55                   | 64.1            | 106.1           | 70,800         | 65                    | 65.5                 | 134.6           | 51,600          |                |                       |                      |
| 46              | 60.8            | 76.8           | 96,000                | 60                   | 61.2            | 103.4           | 59,600         | 70                    | 63.3                 | 132.1           | 43,900          |                |                       |                      |
| 48              | 59.1            | 75.6           | 88,700                | 65                   | 58.1            | 100.3           | 50,400         | 75                    | 60.9                 | 129.3           | 37,400          |                |                       |                      |
| 50              | 57.4            | 74.3           | 82,200                |                      |                 |                 |                | 80                    | 58.5                 | 126.3           | 31,800          |                |                       |                      |
| <b>90</b>       | 19              | 82.5           | 97.0                  | 326,300*             | <b>120</b>      | 22              | 82.9           | 126.9                 | 276,900*             | <b>150</b>      | 26              | 82.8           | 156.6                 | 201,900*             |
|                 | 20              | 81.8           | 96.8                  | 308,800*             |                 | 24              | 82.0           | 126.6                 | 252,900*             |                 | 28              | 82.0           | 156.3                 | 196,600*             |
|                 | 22              | 80.5           | 96.5                  | 278,300*             |                 | 26              | 81.0           | 126.2                 | 230,900*             |                 | 30              | 81.3           | 156.0                 | 191,400*             |
|                 | 24              | 79.2           | 96.1                  | 252,500*             |                 | 28              | 80.0           | 125.9                 | 211,800*             |                 | 32              | 80.5           | 155.6                 | 180,100*             |
|                 | 26              | 77.9           | 95.6                  | 230,400*             |                 | 30              | 79.1           | 125.5                 | 195,100*             |                 | 34              | 79.7           | 155.3                 | 167,000*             |
|                 | 28              | 76.6           | 95.1                  | 211,200*             |                 | 32              | 78.1           | 125.0                 | 180,400*             |                 | 36              | 78.9           | 154.8                 | 154,400              |
|                 | 30              | 75.3           | 94.6                  | 194,500*             |                 | 34              | 77.1           | 124.5                 | 167,300*             |                 | 38              | 78.2           | 154.4                 | 140,400              |
|                 | 32              | 74.0           | 94.0                  | 179,700*             |                 | 36              | 76.1           | 124.0                 | 153,000              |                 | 40              | 77.4           | 153.9                 | 128,400              |
|                 | 34              | 72.6           | 93.3                  | 166,600              |                 | 38              | 75.1           | 123.5                 | 139,200              |                 | 42              | 76.6           | 153.5                 | 117,800              |
|                 | 36              | 71.3           | 92.6                  | 150,600              |                 | 40              | 74.1           | 122.9                 | 127,200              |                 | 44              | 75.8           | 152.9                 | 108,500              |
|                 | 38              | 69.9           | 91.8                  | 136,800              |                 | 42              | 73.1           | 122.2                 | 116,700              |                 | 46              | 75.0           | 152.4                 | 100,200              |
|                 | 40              | 68.6           | 91.0                  | 124,900              |                 | 44              | 72.1           | 121.6                 | 107,400              |                 | 48              | 74.2           | 151.8                 | 92,800               |
|                 | 42              | 67.2           | 90.1                  | 114,500              |                 | 46              | 71.1           | 120.9                 | 99,200               |                 | 50              | 73.4           | 151.2                 | 86,100               |
|                 | 44              | 65.8           | 89.2                  | 105,300              |                 | 48              | 70.1           | 120.1                 | 91,800               |                 | 55              | 71.4           | 149.5                 | 72,000               |
| 46              | 64.3            | 88.2           | 97,100                | 50                   | 69.1            | 119.3           | 85,200         | 60                    | 69.4                 | 147.6           | 60,800          |                |                       |                      |
| 48              | 62.9            | 87.2           | 89,800                | 55                   | 66.5            | 117.2           | 71,200         | 65                    | 67.3                 | 145.6           | 51,600          |                |                       |                      |
| 50              | 61.4            | 86.0           | 83,200                | 60                   | 63.8            | 114.7           | 60,000         | 70                    | 65.2                 | 143.3           | 43,900          |                |                       |                      |
| 55              | 57.7            | 82.9           | 69,300                | 65                   | 61.1            | 112.0           | 50,800         | 75                    | 63.0                 | 140.8           | 37,400          |                |                       |                      |
|                 |                 |                |                       | 70                   | 58.3            | 109.0           | 43,200         | 80                    | 60.9                 | 138.0           | 31,800          |                |                       |                      |
|                 |                 |                |                       |                      |                 |                 |                | 85                    | 58.6                 | 135.0           | 26,900          |                |                       |                      |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

**888 SERIES 2**

**BOOM NO. 22EL  
LUFFING JIB NO. 135  
179,100 LB. CRANE COUNTERWEIGHT  
44,000 LB. CARBODY COUNTERWEIGHT  
28'2" CRAWLERS EXTENDED  
360 DEGREE RATING**

### 110 FT. LUFFING JIB, ATTACHED AT 160 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS | BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS | BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |          |
|-----------------|-----------------|----------------|-----------------------|----------------------|-----------------|-----------------|----------------|-----------------------|----------------------|-----------------|-----------------|----------------|-----------------------|----------------------|----------|
| <b>160</b>      | 28              | 82.5           | 166.4                 | 187,700*             | <b>170</b>      | 44              | 77.5           | 173.6                 | 108,800              | <b>180</b>      | 75              | 67.8           | 173.9                 | 37,300               |          |
|                 | 30              | 81.8           | 166.1                 | 182,900*             |                 | 46              | 76.8           | 173.1                 | 100,500              |                 | 80              | 66.1           | 171.7                 | 31,700               |          |
|                 | 32              | 81.1           | 165.8                 | 178,100*             |                 | 48              | 76.1           | 172.6                 | 93,000               |                 | 85              | 64.3           | 169.3                 | 26,900               |          |
|                 | 34              | 80.4           | 165.4                 | 166,700*             |                 | 50              | 75.4           | 172.0                 | 86,300               |                 | 90              | 62.5           | 166.8                 | 22,600               |          |
|                 | 36              | 79.6           | 165.1                 | 154,500              |                 | 55              | 73.7           | 170.6                 | 72,200               |                 | 95              | 60.7           | 164.0                 | 18,900               |          |
|                 | 38              | 78.9           | 164.6                 | 140,600              |                 | 60              | 71.9           | 168.9                 | 60,900               |                 | 100             | 58.9           | 161.0                 | 15,500               |          |
|                 | 40              | 78.2           | 164.2                 | 128,500              |                 | 65              | 70.1           | 167.1                 | 51,700               |                 | <b>190</b>      | 32             | 82.5                  | 196.2                | 118,000* |
|                 | 42              | 77.4           | 163.7                 | 117,900              |                 | 70              | 68.3           | 165.2                 | 44,000               |                 |                 | 34             | 81.9                  | 195.9                | 118,000* |
|                 | 44              | 76.7           | 163.3                 | 108,600              |                 | 75              | 66.4           | 163.0                 | 37,400               |                 |                 | 36             | 81.3                  | 195.5                | 118,000* |
|                 | 46              | 76.0           | 162.7                 | 100,300              |                 | 80              | 64.6           | 160.6                 | 31,800               |                 |                 | 38             | 80.7                  | 195.2                | 118,000* |
|                 | 48              | 75.2           | 162.2                 | 92,900               |                 | 85              | 62.7           | 158.1                 | 27,000               |                 |                 | 40             | 80.1                  | 194.8                | 118,000* |
|                 | 50              | 74.5           | 161.6                 | 86,200               |                 | 90              | 60.8           | 155.3                 | 22,800               |                 |                 | 42             | 79.4                  | 194.4                | 118,000* |
|                 | 55              | 72.6           | 160.1                 | 72,100               |                 | 95              | 58.8           | 152.3                 | 19,000               |                 |                 | 44             | 78.8                  | 194.0                | 109,400  |
|                 | 60              | 70.7           | 158.3                 | 60,800               |                 | <b>180</b>      | 30             | 82.7                  | 186.3                |                 |                 | 159,200*       | 46                    | 78.2                 | 193.6    |
| 65              | 68.8            | 156.4          | 51,600                | 32                   | 82.1            |                 | 186.0          | 155,700*              | 48                   | 77.6            |                 | 193.2          | 93,600                |                      |          |
| 70              | 66.8            | 154.3          | 43,900                | 34                   | 81.4            |                 | 185.7          | 152,100*              | 50                   | 77.0            |                 | 192.7          | 86,800                |                      |          |
| 75              | 64.9            | 152.0          | 37,300                | 36                   | 80.8            |                 | 185.4          | 148,600*              | <b>190</b>           | 55              |                 | 75.4           | 191.4                 | 72,700               |          |
| 80              | 62.9            | 149.4          | 31,800                | 38                   | 80.2            |                 | 185.0          | 140,800               |                      | 60              |                 | 73.9           | 189.9                 | 61,300               |          |
| 85              | 60.8            | 146.7          | 26,900                | 40                   | 79.5            |                 | 184.6          | 128,700               |                      | 65              |                 | 72.3           | 188.4                 | 52,000               |          |
| 90              | 58.7            | 143.6          | 22,700                | 42                   | 78.9            |                 | 184.2          | 118,100               |                      | 70              |                 | 70.7           | 186.6                 | 44,300               |          |
| <b>170</b>      | 28              | 83.0           | 176.5                 | 172,200*             | 44              |                 | 78.2           | 183.8                 |                      | 108,700         | 75              | 69.1           | 184.7                 | 37,700               |          |
|                 | 30              | 82.3           | 176.2                 | 168,400*             | 46              |                 | 77.6           | 183.4                 |                      | 100,400         | 80              | 67.4           | 182.7                 | 32,100               |          |
|                 | 32              | 81.6           | 175.9                 | 164,500*             | 48              |                 | 76.9           | 182.9                 |                      | 93,000          | 85              | 65.8           | 180.4                 | 27,200               |          |
|                 | 34              | 80.9           | 175.6                 | 160,800*             | 50              |                 | 76.2           | 182.4                 |                      | 86,300          | 90              | 64.1           | 178.0                 | 23,000               |          |
|                 | 36              | 80.3           | 175.2                 | 154,700              | 55              |                 | 74.6           | 181.0                 |                      | 72,200          | 95              | 62.4           | 175.4                 | 19,200               |          |
|                 | 38              | 79.6           | 174.9                 | 140,800              | 60              |                 | 72.9           | 179.5                 |                      | 60,800          | 100             | 60.7           | 172.6                 | 15,900               |          |
| 40              | 78.9            | 174.4          | 128,700               | 65                   | 71.2            |                 | 177.8          | 51,600                |                      | <b>190</b>      | 105             | 58.9           | 169.6                 | 12,900               |          |
| 42              | 78.2            | 174.0          | 118,100               | 70                   | 69.5            | 175.9           | 43,900         | 110                   |                      |                 | 57.1            | 166.4          | 10,200                |                      |          |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

### 888 SERIES 2

**BOOM NO. 22EL**  
**LUFFING JIB NO. 135**  
**179,100 LB. CRANE COUNTERWEIGHT**  
**44,000 LB. CARBODY COUNTERWEIGHT**  
**28'2" CRAWLERS EXTENDED**  
**360 DEGREE RATING**

#### 120 FT. LUFFING JIB, ATTACHED AT 160 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS | BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS | BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|-----------------|-----------------|----------------|-----------------------|----------------------|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>70</b>       | 16              | 82.8           | 77.2                  | 385,700*             | <b>100</b>      | 20              | 82.7           | 107.0                 | 305,400*             | <b>130</b>      | 24              | 82.6           | 136.7                 | 240,200*             |
|                 | 17              | 82.0           | 77.1                  | 362,100*             |                 | 22              | 81.5           | 106.6                 | 275,100*             |                 | 26              | 81.7           | 136.4                 | 227,800*             |
|                 | 18              | 81.1           | 76.9                  | 340,800*             |                 | 24              | 80.3           | 106.3                 | 249,400*             |                 | 28              | 80.8           | 136.0                 | 208,800*             |
|                 | 19              | 80.3           | 76.7                  | 321,600*             |                 | 26              | 79.2           | 105.9                 | 227,400*             |                 | 30              | 79.9           | 135.7                 | 192,200*             |
|                 | 20              | 79.5           | 76.5                  | 304,200*             |                 | 28              | 78.0           | 105.4                 | 208,400*             |                 | 32              | 79.0           | 135.3                 | 177,500*             |
|                 | 22              | 77.8           | 76.0                  | 273,700*             |                 | 30              | 76.8           | 104.9                 | 191,700*             |                 | 34              | 78.1           | 134.8                 | 164,500*             |
|                 | 24              | 76.1           | 75.5                  | 247,900*             |                 | 32              | 75.6           | 104.4                 | 177,100*             |                 | 36              | 77.2           | 134.3                 | 150,800              |
|                 | 26              | 74.4           | 74.9                  | 225,800*             |                 | 34              | 74.4           | 103.8                 | 164,000*             |                 | 38              | 76.3           | 133.8                 | 137,000              |
|                 | 28              | 72.7           | 74.2                  | 206,600*             |                 | 36              | 73.2           | 103.2                 | 148,500              |                 | 40              | 75.4           | 133.3                 | 125,100              |
|                 | 30              | 70.9           | 73.5                  | 189,900*             |                 | 38              | 72.0           | 102.5                 | 134,900              |                 | 42              | 74.5           | 132.7                 | 114,700              |
|                 | 32              | 69.2           | 72.7                  | 175,100*             |                 | 40              | 70.8           | 101.8                 | 123,100              |                 | 44              | 73.5           | 132.1                 | 105,500              |
|                 | 34              | 67.4           | 71.8                  | 159,900              |                 | 42              | 69.6           | 101.0                 | 112,700              |                 | 46              | 72.6           | 131.5                 | 97,300               |
|                 | 36              | 65.6           | 70.9                  | 144,100              |                 | 44              | 68.3           | 100.2                 | 103,600              |                 | 48              | 71.7           | 130.8                 | 90,000               |
|                 | 38              | 63.7           | 69.8                  | 130,600              |                 | 46              | 67.1           | 99.3                  | 95,400               |                 | 50              | 70.7           | 130.1                 | 83,400               |
|                 | 40              | 61.9           | 68.7                  | 118,900              |                 | 48              | 65.8           | 98.4                  | 88,200               |                 | 55              | 68.4           | 128.1                 | 69,500               |
|                 | 42              | 60.0           | 67.5                  | 108,600              |                 | 50              | 64.6           | 97.4                  | 81,600               |                 | 60              | 66.0           | 125.9                 | 58,300               |
| 44              | 58.0            | 66.2           | 99,600                | 55                   | 61.3            | 94.7            | 67,800         | 65                    | 63.5                 | 123.4           | 49,200          |                |                       |                      |
|                 |                 |                |                       | 60                   | 57.9            | 91.6            | 56,800         | 70                    | 61.0                 | 120.7           | 41,600          |                |                       |                      |
|                 |                 |                |                       |                      |                 |                 |                | 75                    | 58.4                 | 117.6           | 35,200          |                |                       |                      |
| <b>80</b>       | 17              | 83.0           | 87.2                  | 362,300*             | <b>110</b>      | 22              | 82.3           | 116.8                 | 275,000*             | <b>140</b>      | 26              | 82.3           | 146.5                 | 222,100*             |
|                 | 18              | 82.3           | 87.0                  | 341,100*             |                 | 24              | 81.2           | 116.4                 | 249,400*             |                 | 28              | 81.5           | 146.2                 | 208,700*             |
|                 | 19              | 81.5           | 86.9                  | 321,900*             |                 | 26              | 80.2           | 116.1                 | 227,400*             |                 | 30              | 80.6           | 145.8                 | 192,100*             |
|                 | 20              | 80.8           | 86.7                  | 304,500*             |                 | 28              | 79.1           | 115.7                 | 208,400*             |                 | 32              | 79.8           | 145.5                 | 177,500*             |
|                 | 22              | 79.3           | 86.3                  | 274,100*             |                 | 30              | 78.0           | 115.2                 | 191,800*             |                 | 34              | 79.0           | 145.1                 | 164,500*             |
|                 | 24              | 77.9           | 85.8                  | 248,300*             |                 | 32              | 77.0           | 114.7                 | 177,100*             |                 | 36              | 78.1           | 144.6                 | 151,200              |
|                 | 26              | 76.4           | 85.3                  | 226,300*             |                 | 34              | 75.9           | 114.2                 | 164,100*             |                 | 38              | 77.3           | 144.1                 | 137,500              |
|                 | 28              | 74.9           | 84.7                  | 207,200*             |                 | 36              | 74.8           | 113.6                 | 149,400              |                 | 40              | 76.4           | 143.6                 | 125,500              |
|                 | 30              | 73.4           | 84.1                  | 190,500*             |                 | 38              | 73.7           | 113.0                 | 135,700              |                 | 42              | 75.6           | 143.1                 | 115,100              |
|                 | 32              | 71.9           | 83.4                  | 175,800*             |                 | 40              | 72.6           | 112.4                 | 123,800              |                 | 44              | 74.7           | 142.5                 | 105,900              |
|                 | 34              | 70.4           | 82.7                  | 161,700              |                 | 42              | 71.5           | 111.7                 | 113,400              |                 | 46              | 73.9           | 141.9                 | 97,700               |
|                 | 36              | 68.8           | 81.9                  | 145,900              |                 | 44              | 70.4           | 110.9                 | 104,300              |                 | 48              | 73.0           | 141.3                 | 90,300               |
|                 | 38              | 67.3           | 81.0                  | 132,300              |                 | 46              | 69.3           | 110.2                 | 96,100               |                 | 50              | 72.2           | 140.7                 | 83,700               |
|                 | 40              | 65.7           | 80.0                  | 120,500              |                 | 48              | 68.2           | 109.3                 | 88,800               |                 | 55              | 70.0           | 138.9                 | 69,800               |
|                 | 42              | 64.1           | 79.0                  | 110,200              |                 | 50              | 67.0           | 108.5                 | 82,200               |                 | 60              | 67.8           | 136.8                 | 58,600               |
|                 | 44              | 62.4           | 78.0                  | 101,200              |                 | 55              | 64.1           | 106.1                 | 68,400               |                 | 65              | 65.5           | 134.6                 | 49,500               |
| 46              | 60.8            | 76.8           | 93,100                | 60                   | 61.2            | 103.4           | 57,300         | 70                    | 63.3                 | 132.1           | 41,900          |                |                       |                      |
| 48              | 59.1            | 75.6           | 85,900                | 65                   | 58.1            | 100.3           | 48,200         | 75                    | 60.9                 | 129.3           | 35,500          |                |                       |                      |
| 50              | 57.4            | 74.3           | 79,300                |                      |                 |                 |                | 80                    | 58.5                 | 126.3           | 30,000          |                |                       |                      |
| <b>90</b>       | 19              | 82.5           | 97.0                  | 322,300*             | <b>120</b>      | 22              | 82.9           | 126.9                 | 273,900*             | <b>150</b>      | 26              | 82.8           | 156.6                 | 198,500*             |
|                 | 20              | 81.8           | 96.8                  | 304,900*             |                 | 24              | 82.0           | 126.6                 | 249,500*             |                 | 28              | 82.0           | 156.3                 | 193,200*             |
|                 | 22              | 80.5           | 96.5                  | 274,500*             |                 | 26              | 81.0           | 126.2                 | 227,600*             |                 | 30              | 81.3           | 156.0                 | 188,000*             |
|                 | 24              | 79.2           | 96.1                  | 248,800*             |                 | 28              | 80.0           | 125.9                 | 208,600*             |                 | 32              | 80.5           | 155.6                 | 177,100*             |
|                 | 26              | 77.9           | 95.6                  | 226,800*             |                 | 30              | 79.1           | 125.5                 | 191,900*             |                 | 34              | 79.7           | 155.3                 | 164,100*             |
|                 | 28              | 76.6           | 95.1                  | 207,800*             |                 | 32              | 78.1           | 125.0                 | 177,300*             |                 | 36              | 78.9           | 154.8                 | 151,600              |
|                 | 30              | 75.3           | 94.6                  | 191,100*             |                 | 34              | 77.1           | 124.5                 | 164,300*             |                 | 38              | 78.2           | 154.4                 | 137,800              |
|                 | 32              | 74.0           | 94.0                  | 176,400*             |                 | 36              | 76.1           | 124.0                 | 150,100              |                 | 40              | 77.4           | 153.9                 | 125,800              |
|                 | 34              | 72.6           | 93.3                  | 163,200              |                 | 38              | 75.1           | 123.5                 | 136,400              |                 | 42              | 76.6           | 153.5                 | 115,300              |
|                 | 36              | 71.3           | 92.6                  | 147,300              |                 | 40              | 74.1           | 122.9                 | 124,500              |                 | 44              | 75.8           | 152.9                 | 106,100              |
|                 | 38              | 69.9           | 91.8                  | 133,700              |                 | 42              | 73.1           | 122.2                 | 114,000              |                 | 46              | 75.0           | 152.4                 | 97,900               |
|                 | 40              | 68.6           | 91.0                  | 121,900              |                 | 44              | 72.1           | 121.6                 | 104,900              |                 | 48              | 74.2           | 151.8                 | 90,500               |
|                 | 42              | 67.2           | 90.1                  | 111,600              |                 | 46              | 71.1           | 120.9                 | 96,700               |                 | 50              | 73.4           | 151.2                 | 83,900               |
|                 | 44              | 65.8           | 89.2                  | 102,400              |                 | 48              | 70.1           | 120.1                 | 89,400               |                 | 55              | 71.4           | 149.5                 | 69,900               |
|                 | 46              | 64.3           | 88.2                  | 94,300               |                 | 50              | 69.1           | 119.3                 | 82,800               |                 | 60              | 69.4           | 147.6                 | 58,700               |
|                 | 48              | 62.9           | 87.2                  | 87,100               |                 | 55              | 66.5           | 117.2                 | 68,900               |                 | 65              | 67.3           | 145.6                 | 49,600               |
| 50              | 61.4            | 86.0           | 80,500                | 60                   | 63.8            | 114.7           | 57,800         | 70                    | 65.2                 | 143.3           | 41,900          |                |                       |                      |
| 55              | 57.7            | 82.9           | 66,800                | 65                   | 61.1            | 112.0           | 48,700         | 75                    | 63.0                 | 140.8           | 35,500          |                |                       |                      |
|                 |                 |                |                       | 70                   | 58.3            | 109.0           | 41,100         | 80                    | 60.9                 | 138.0           | 29,900          |                |                       |                      |
|                 |                 |                |                       |                      |                 |                 |                | 85                    | 58.6                 | 135.0           | 25,100          |                |                       |                      |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

### 888 SERIES 2

**BOOM NO. 22EL**  
**LUFFING JIB NO. 135**  
**179,100 LB. CRANE COUNTERWEIGHT**  
**44,000 LB. CARBODY COUNTERWEIGHT**  
**28'2" CRAWLERS EXTENDED**  
**360 DEGREE RATING**

#### 120 FT. LUFFING JIB, ATTACHED AT 160 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>160</b>      | 28              | 82.5           | 166.4                 | 184,300*             |
|                 | 30              | 81.8           | 166.1                 | 179,400*             |
|                 | 32              | 81.1           | 165.8                 | 174,600*             |
|                 | 34              | 80.4           | 165.4                 | 163,900*             |
|                 | 36              | 79.6           | 165.1                 | 151,800              |
|                 | 38              | 78.9           | 164.6                 | 138,000              |
|                 | 40              | 78.2           | 164.2                 | 126,000              |
|                 | 42              | 77.4           | 163.7                 | 115,500              |
|                 | 44              | 76.7           | 163.3                 | 106,200              |
|                 | 46              | 76.0           | 162.7                 | 98,000               |
|                 | 48              | 75.2           | 162.2                 | 90,600               |
|                 | 50              | 74.5           | 161.6                 | 84,000               |
| 55              | 72.6            | 160.1          | 70,000                |                      |
| 60              | 70.7            | 158.3          | 58,800                |                      |
| 65              | 68.8            | 156.4          | 49,600                |                      |
| 70              | 66.8            | 154.3          | 42,000                |                      |
| 75              | 64.9            | 152.0          | 35,500                |                      |
| 80              | 62.9            | 149.4          | 30,000                |                      |
| 85              | 60.8            | 146.7          | 25,100                |                      |
| 90              | 58.7            | 143.6          | 20,900                |                      |
| <b>170</b>      | 28              | 83.0           | 176.5                 | 168,900*             |
|                 | 30              | 82.3           | 176.2                 | 165,100*             |
|                 | 32              | 81.6           | 175.9                 | 161,300*             |
|                 | 34              | 80.9           | 175.6                 | 157,500*             |
|                 | 36              | 80.3           | 175.2                 | 152,100              |
|                 | 38              | 79.6           | 174.9                 | 138,200              |
| 40              | 78.9            | 174.4          | 126,200               |                      |
| 42              | 78.2            | 174.0          | 115,700               |                      |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>170</b>      | 44              | 77.5           | 173.6                 | 106,400              |
|                 | 46              | 76.8           | 173.1                 | 98,200               |
|                 | 48              | 76.1           | 172.6                 | 90,800               |
|                 | 50              | 75.4           | 172.0                 | 84,200               |
|                 | 55              | 73.7           | 170.6                 | 70,100               |
|                 | 60              | 71.9           | 168.9                 | 58,900               |
|                 | 65              | 70.1           | 167.1                 | 49,800               |
|                 | 70              | 68.3           | 165.2                 | 42,100               |
|                 | 75              | 66.4           | 163.0                 | 35,600               |
|                 | 80              | 64.6           | 160.6                 | 30,100               |
|                 | 85              | 62.7           | 158.1                 | 25,300               |
|                 | 90              | 60.8           | 155.3                 | 21,100               |
| 95              | 58.8            | 152.3          | 17,300                |                      |
| <b>180</b>      | 30              | 82.7           | 186.3                 | 155,900*             |
|                 | 32              | 82.1           | 186.0                 | 152,400*             |
|                 | 34              | 81.4           | 185.7                 | 148,900*             |
|                 | 36              | 80.8           | 185.4                 | 145,400*             |
|                 | 38              | 80.2           | 185.0                 | 138,300              |
|                 | 40              | 79.5           | 184.6                 | 126,300              |
|                 | 42              | 78.9           | 184.2                 | 115,700              |
|                 | 44              | 78.2           | 183.8                 | 106,500              |
|                 | 46              | 77.6           | 183.4                 | 98,200               |
|                 | 48              | 76.9           | 182.9                 | 90,800               |
|                 | 50              | 76.2           | 182.4                 | 84,200               |
|                 | 55              | 74.6           | 181.0                 | 70,100               |
| 60              | 72.9            | 179.5          | 58,900                |                      |
| 65              | 71.2            | 177.8          | 49,700                |                      |
| 70              | 69.5            | 175.9          | 42,000                |                      |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>180</b>      | 75              | 67.8           | 173.9                 | 35,500               |
|                 | 80              | 66.1           | 171.7                 | 30,000               |
|                 | 85              | 64.3           | 169.3                 | 25,200               |
|                 | 90              | 62.5           | 166.8                 | 21,000               |
|                 | 95              | 60.7           | 164.0                 | 17,200               |
|                 | 100             | 58.9           | 161.0                 | 13,900               |
| <b>190</b>      | 32              | 82.5           | 196.2                 | 118,000*             |
|                 | 34              | 81.9           | 195.9                 | 118,000*             |
|                 | 36              | 81.3           | 195.5                 | 118,000*             |
|                 | 38              | 80.7           | 195.2                 | 118,000*             |
|                 | 40              | 80.1           | 194.8                 | 118,000*             |
|                 | 42              | 79.4           | 194.4                 | 116,400              |
|                 | 44              | 78.8           | 194.0                 | 107,100              |
|                 | 46              | 78.2           | 193.6                 | 98,800               |
|                 | 48              | 77.6           | 193.2                 | 91,400               |
|                 | 50              | 77.0           | 192.7                 | 84,700               |
|                 | 55              | 75.4           | 191.4                 | 70,600               |
|                 | 60              | 73.9           | 189.9                 | 59,400               |
| 65              | 72.3            | 188.4          | 50,200                |                      |
| 70              | 70.7            | 186.6          | 42,500                |                      |
| 75              | 69.1            | 184.7          | 36,000                |                      |
| 80              | 67.4            | 182.7          | 30,400                |                      |
| 85              | 65.8            | 180.4          | 25,600                |                      |
| 90              | 64.1            | 178.0          | 21,300                |                      |
| 95              | 62.4            | 175.4          | 17,600                |                      |
| 100             | 60.7            | 172.6          | 14,300                |                      |
| 105             | 58.9            | 169.6          | 11,300                |                      |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

### 888 SERIES 2

**BOOM NO. 22EL**  
**LUFFING JIB NO. 135**  
**179,100 LB. CRANE COUNTERWEIGHT**  
**44,000 LB. CARBODY COUNTERWEIGHT**  
**28'2" CRAWLERS EXTENDED**  
**360 DEGREE RATING**

#### 130 FT. LUFFING JIB, ATTACHED AT 168 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>70</b>       | 16              | 82.8           | 77.2                  | 391,600*             |
|                 | 17              | 82.0           | 77.1                  | 367,500*             |
|                 | 18              | 81.1           | 76.9                  | 345,800*             |
|                 | 19              | 80.3           | 76.7                  | 326,200*             |
|                 | 20              | 79.5           | 76.5                  | 308,400*             |
|                 | 22              | 77.8           | 76.0                  | 277,200*             |
|                 | 24              | 76.1           | 75.5                  | 250,900*             |
|                 | 26              | 74.4           | 74.9                  | 228,300*             |
|                 | 28              | 72.7           | 74.2                  | 208,800*             |
|                 | 30              | 70.9           | 73.5                  | 191,700*             |
| <b>80</b>       | 32              | 69.2           | 72.7                  | 176,600*             |
|                 | 34              | 67.4           | 71.8                  | 161,400              |
|                 | 36              | 65.6           | 70.9                  | 145,300              |
|                 | 38              | 63.7           | 69.8                  | 131,500              |
|                 | 40              | 61.9           | 68.7                  | 119,500              |
|                 | 42              | 60.0           | 67.5                  | 109,000              |
|                 | 44              | 58.0           | 66.2                  | 99,800               |
|                 | 46              | 56.0           | 64.9                  | 91,600               |
|                 | 48              | 54.0           | 63.4                  | 84,200               |
|                 | 50              | 51.9           | 61.7                  | 77,600               |
| <b>90</b>       | 17              | 83.0           | 87.2                  | 367,900*             |
|                 | 18              | 82.3           | 87.0                  | 346,300*             |
|                 | 19              | 81.5           | 86.9                  | 326,700*             |
|                 | 20              | 80.8           | 86.7                  | 308,900*             |
|                 | 22              | 79.3           | 86.3                  | 277,900*             |
|                 | 24              | 77.9           | 85.8                  | 251,600*             |
|                 | 26              | 76.4           | 85.3                  | 229,100*             |
|                 | 28              | 74.9           | 84.7                  | 209,600*             |
|                 | 30              | 73.4           | 84.1                  | 192,600*             |
|                 | 32              | 71.9           | 83.4                  | 177,500*             |
| <b>100</b>      | 34              | 70.4           | 82.7                  | 163,600              |
|                 | 36              | 68.8           | 81.9                  | 147,400              |
|                 | 38              | 67.3           | 81.0                  | 133,500              |
|                 | 40              | 65.7           | 80.0                  | 121,500              |
|                 | 42              | 64.1           | 79.0                  | 111,000              |
|                 | 44              | 62.4           | 78.0                  | 101,700              |
|                 | 46              | 60.8           | 76.8                  | 93,400               |
|                 | 48              | 59.1           | 75.6                  | 86,100               |
|                 | 50              | 57.4           | 74.3                  | 79,400               |
|                 | 55              | 52.9           | 70.6                  | 65,300               |
| <b>110</b>      | 19              | 82.5           | 97.0                  | 327,200*             |
|                 | 20              | 81.8           | 96.8                  | 309,500*             |
|                 | 22              | 80.5           | 96.5                  | 278,500*             |
|                 | 24              | 79.2           | 96.1                  | 252,300*             |
|                 | 26              | 77.9           | 95.6                  | 229,800*             |
|                 | 28              | 76.6           | 95.1                  | 210,400*             |
|                 | 30              | 75.3           | 94.6                  | 193,400*             |
|                 | 32              | 74.0           | 94.0                  | 178,300*             |
|                 | 34              | 72.6           | 93.3                  | 165,000*             |
|                 | 36              | 71.3           | 92.6                  | 149,100              |
| <b>120</b>      | 38              | 69.9           | 91.8                  | 135,200              |
|                 | 40              | 68.6           | 91.0                  | 123,100              |
|                 | 42              | 67.2           | 90.1                  | 112,600              |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>90</b>       | 44              | 65.8           | 89.2                  | 103,300              |
|                 | 46              | 64.3           | 88.2                  | 95,000               |
|                 | 48              | 62.9           | 87.2                  | 87,600               |
|                 | 50              | 61.4           | 86.0                  | 80,900               |
|                 | 55              | 57.7           | 82.9                  | 66,800               |
|                 | 60              | 53.8           | 79.3                  | 55,500               |
| <b>100</b>      | 20              | 82.7           | 107.0                 | 310,100*             |
|                 | 22              | 81.5           | 106.6                 | 279,100*             |
|                 | 24              | 80.3           | 106.3                 | 253,000*             |
|                 | 26              | 79.2           | 105.9                 | 230,600*             |
|                 | 28              | 78.0           | 105.4                 | 211,200*             |
|                 | 30              | 76.8           | 104.9                 | 194,200*             |
|                 | 32              | 75.6           | 104.4                 | 179,200*             |
|                 | 34              | 74.4           | 103.8                 | 165,900*             |
|                 | 36              | 73.2           | 103.2                 | 150,500              |
|                 | 38              | 72.0           | 102.5                 | 136,600              |
| <b>110</b>      | 40              | 70.8           | 101.8                 | 124,500              |
|                 | 42              | 69.6           | 101.0                 | 113,900              |
|                 | 44              | 68.3           | 100.2                 | 104,600              |
|                 | 46              | 67.1           | 99.3                  | 96,300               |
|                 | 48              | 65.8           | 98.4                  | 88,900               |
|                 | 50              | 64.6           | 97.4                  | 82,200               |
|                 | 55              | 61.3           | 94.7                  | 68,100               |
|                 | 60              | 57.9           | 91.6                  | 56,700               |
|                 | 65              | 54.4           | 88.1                  | 47,500               |
|                 | <b>120</b>      | 22             | 82.3                  | 116.8                |
| 24              |                 | 81.2           | 116.4                 | 253,100*             |
| 26              |                 | 80.2           | 116.1                 | 230,700*             |
| 28              |                 | 79.1           | 115.7                 | 211,300*             |
| 30              |                 | 78.0           | 115.2                 | 194,400*             |
| 32              |                 | 77.0           | 114.7                 | 179,400*             |
| 34              |                 | 75.9           | 114.2                 | 166,100*             |
| 36              |                 | 74.8           | 113.6                 | 151,500              |
| 38              |                 | 73.7           | 113.0                 | 137,600              |
| 40              |                 | 72.6           | 112.4                 | 125,400              |
| <b>130</b>      | 42              | 71.5           | 111.7                 | 114,800              |
|                 | 44              | 70.4           | 110.9                 | 105,500              |
|                 | 46              | 69.3           | 110.2                 | 97,100               |
|                 | 48              | 68.2           | 109.3                 | 89,700               |
|                 | 50              | 67.0           | 108.5                 | 83,000               |
|                 | 55              | 64.1           | 106.1                 | 68,800               |
|                 | 60              | 61.2           | 103.4                 | 57,500               |
|                 | 65              | 58.1           | 100.3                 | 48,200               |
|                 | 70              | 55.0           | 96.8                  | 40,400               |
|                 | 75              | 51.7           | 93.0                  | 33,900               |
| <b>140</b>      | 22              | 82.9           | 126.9                 | 279,400*             |
|                 | 24              | 82.0           | 126.6                 | 253,300*             |
|                 | 26              | 81.0           | 126.2                 | 230,900*             |
|                 | 28              | 80.0           | 125.9                 | 211,600*             |
|                 | 30              | 79.1           | 125.5                 | 194,600*             |
|                 | 32              | 78.1           | 125.0                 | 179,700*             |
|                 | 34              | 77.1           | 124.5                 | 166,400*             |
|                 | 36              | 76.1           | 124.0                 | 152,400              |
|                 | 38              | 75.1           | 123.5                 | 138,300              |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>120</b>      | 40              | 74.1           | 122.9                 | 126,200              |
|                 | 42              | 73.1           | 122.2                 | 115,600              |
|                 | 44              | 72.1           | 121.6                 | 106,200              |
|                 | 46              | 71.1           | 120.9                 | 97,800               |
|                 | 48              | 70.1           | 120.1                 | 90,400               |
|                 | 50              | 69.1           | 119.3                 | 83,700               |
|                 | 55              | 66.5           | 117.2                 | 69,500               |
|                 | 60              | 63.8           | 114.7                 | 58,100               |
| <b>130</b>      | 65              | 61.1           | 112.0                 | 48,800               |
|                 | 70              | 58.3           | 109.0                 | 41,100               |
|                 | 75              | 55.4           | 105.6                 | 34,500               |
|                 | 80              | 52.4           | 101.8                 | 28,800               |
|                 | 24              | 82.6           | 136.7                 | 247,100*             |
|                 | 26              | 81.7           | 136.4                 | 231,200*             |
|                 | 28              | 80.8           | 136.0                 | 211,900*             |
|                 | 30              | 79.9           | 135.7                 | 194,900*             |
|                 | 32              | 79.0           | 135.3                 | 180,000*             |
|                 | <b>140</b>      | 34             | 78.1                  | 134.8                |
| 36              |                 | 77.2           | 134.3                 | 153,200              |
| 38              |                 | 76.3           | 133.8                 | 139,100              |
| 40              |                 | 75.4           | 133.3                 | 127,000              |
| 42              |                 | 74.5           | 132.7                 | 116,300              |
| 44              |                 | 73.5           | 132.1                 | 106,900              |
| 46              |                 | 72.6           | 131.5                 | 98,600               |
| 48              |                 | 71.7           | 130.8                 | 91,100               |
| 50              |                 | 70.7           | 130.1                 | 84,400               |
| 55              |                 | 68.4           | 128.1                 | 70,100               |
| <b>150</b>      | 60              | 66.0           | 125.9                 | 58,800               |
|                 | 65              | 63.5           | 123.4                 | 49,500               |
|                 | 70              | 61.0           | 120.7                 | 41,700               |
|                 | 75              | 58.4           | 117.6                 | 35,100               |
|                 | 80              | 55.8           | 114.3                 | 29,500               |
|                 | 85              | 53.0           | 110.6                 | 24,600               |
|                 | 26              | 82.3           | 146.5                 | 229,400*             |
|                 | 28              | 81.5           | 146.2                 | 211,900*             |
|                 | 30              | 80.6           | 145.8                 | 195,000*             |
|                 | 32              | 79.8           | 145.5                 | 180,100*             |
| 34              | 79.0            | 145.1          | 166,800*              |                      |
| <b>160</b>      | 36              | 78.1           | 144.6                 | 153,700              |
|                 | 38              | 77.3           | 144.1                 | 139,600              |
|                 | 40              | 76.4           | 143.6                 | 127,500              |
|                 | 42              | 75.6           | 143.1                 | 116,800              |
|                 | 44              | 74.7           | 142.5                 | 107,400              |
|                 | 46              | 73.9           | 141.9                 | 99,000               |
|                 | 48              | 73.0           | 141.3                 | 91,500               |
|                 | 50              | 72.2           | 140.7                 | 84,800               |
|                 | 55              | 70.0           | 138.9                 | 70,600               |
|                 | 60              | 67.8           | 136.8                 | 59,200               |
| <b>170</b>      | 65              | 65.5           | 134.6                 | 49,900               |
|                 | 70              | 63.3           | 132.1                 | 42,100               |
|                 | 75              | 60.9           | 129.3                 | 35,500               |
|                 | 80              | 58.5           | 126.3                 | 29,900               |
|                 | 85              | 56.1           | 123.0                 | 25,000               |
|                 | 90              | 53.5           | 119.3                 | 20,700               |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

### 888 SERIES 2

**BOOM NO. 22EL**  
**LUFFING JIB NO. 135**  
**179,100 LB. CRANE COUNTERWEIGHT**  
**44,000 LB. CARBODY COUNTERWEIGHT**  
**28'2" CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 130 FT. LUFFING JIB, ATTACHED AT 168 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS | BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS | BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |          |          |
|-----------------|-----------------|----------------|-----------------------|----------------------|-----------------|-----------------|----------------|-----------------------|----------------------|-----------------|-----------------|----------------|-----------------------|----------------------|----------|----------|
| <b>150</b>      | 26              | 82.8           | 156.6                 | 205,600*             | <b>160</b>      | 28              | 82.5           | 166.4                 | 191,600*             | <b>170</b>      | 30              | 81.8           | 166.1                 | 186,400*             |          |          |
|                 | 28              | 82.0           | 156.3                 | 200,000*             |                 | 30              | 81.1           | 165.8                 | 179,600*             |                 | 32              | 81.1           | 165.8                 | 179,600*             |          |          |
|                 | 30              | 81.3           | 156.0                 | 194,600*             |                 | 34              | 80.4           | 165.4                 | 166,300*             |                 | 34              | 80.4           | 165.4                 | 166,300*             |          |          |
|                 | 32              | 80.5           | 155.6                 | 179,800*             |                 | 36              | 79.6           | 165.1                 | 154,400              |                 | 36              | 79.6           | 165.1                 | 154,400              |          |          |
|                 | 34              | 79.7           | 155.3                 | 166,500*             |                 | 38              | 78.9           | 164.6                 | 140,300              |                 | 38              | 78.9           | 164.6                 | 140,300              |          |          |
|                 | 36              | 78.9           | 154.8                 | 154,100              |                 | 40              | 78.2           | 164.2                 | 128,100              |                 | 40              | 78.2           | 164.2                 | 128,100              |          |          |
|                 | 38              | 78.2           | 154.4                 | 140,000              |                 | 42              | 77.4           | 163.7                 | 117,300              |                 | 42              | 77.4           | 163.7                 | 117,300              |          |          |
|                 | 40              | 77.4           | 153.9                 | 127,800              |                 | 44              | 76.7           | 163.3                 | 107,900              |                 | 44              | 76.7           | 163.3                 | 107,900              |          |          |
|                 | 42              | 76.6           | 153.5                 | 117,100              |                 | 46              | 76.0           | 162.7                 | 99,500               |                 | 46              | 76.0           | 162.7                 | 99,500               |          |          |
|                 | 44              | 75.8           | 152.9                 | 107,700              |                 | 48              | 75.2           | 162.2                 | 92,000               |                 | 48              | 75.2           | 162.2                 | 92,000               |          |          |
|                 | 46              | 75.0           | 152.4                 | 99,300               |                 | 50              | 74.5           | 161.6                 | 85,200               |                 | 50              | 74.5           | 161.6                 | 85,200               |          |          |
|                 | 48              | 74.2           | 151.8                 | 91,800               |                 | 55              | 72.6           | 160.1                 | 70,900               |                 | 55              | 72.6           | 160.1                 | 70,900               |          |          |
|                 | 50              | 73.4           | 151.2                 | 85,000               |                 | 60              | 70.7           | 158.3                 | 59,500               |                 | 60              | 70.7           | 158.3                 | 59,500               |          |          |
|                 | 55              | 71.4           | 149.5                 | 70,800               |                 | 65              | 68.8           | 156.4                 | 50,100               |                 | 65              | 68.8           | 156.4                 | 50,100               |          |          |
| 60              | 69.4            | 147.6          | 59,300                | 70                   | 66.8            | 154.3           | 42,300         | 70                    | 66.8                 | 154.3           | 42,300          |                |                       |                      |          |          |
| <b>180</b>      | 46              | 77.6           | 183.4                 | 99,800               | <b>170</b>      | 38              | 79.6           | 165.2                 | 42,500               | <b>180</b>      | 30              | 82.7           | 186.3                 | 163,200*             |          |          |
|                 | 48              | 76.9           | 182.9                 | 92,300               |                 | 40              | 78.9           | 164.6                 | 35,900               |                 | 32              | 82.1           | 186.0                 | 159,400*             |          |          |
|                 | 50              | 76.2           | 182.4                 | 85,500               |                 | 42              | 78.2           | 164.2                 | 30,200               |                 | 34              | 81.4           | 185.7                 | 155,600*             |          |          |
|                 | 55              | 74.6           | 181.0                 | 71,200               |                 | 44              | 77.5           | 163.6                 | 25,300               |                 | 36              | 80.8           | 185.4                 | 151,800*             |          |          |
|                 | 60              | 72.9           | 179.5                 | 59,700               |                 | 46              | 76.8           | 163.1                 | 21,000               |                 | 38              | 80.2           | 185.0                 | 140,700              |          |          |
|                 | 65              | 71.2           | 177.8                 | 50,300               |                 | 48              | 76.1           | 162.6                 | 17,200               |                 | 95              | 58.8           | 152.3                 | 17,200               |          |          |
|                 | 70              | 69.5           | 175.9                 | 42,500               |                 | 50              | 75.4           | 162.0                 | 13,800               |                 | 100             | 56.8           | 149.1                 | 13,800               |          |          |
|                 | 75              | 67.8           | 173.9                 | 35,900               |                 | 55              | 73.7           | 160.6                 | 10,800               |                 | 105             | 54.7           | 145.6                 | 10,800               |          |          |
|                 | 80              | 66.1           | 171.7                 | 30,200               |                 | 60              | 71.9           | 158.9                 | 9,200                |                 | <b>180</b>      | 30             | 82.7                  | 186.3                | 163,200* |          |
|                 | 85              | 64.3           | 169.3                 | 25,300               |                 | 65              | 70.1           | 157.1                 | 8,500                |                 |                 | 32             | 82.1                  | 186.0                | 159,400* |          |
|                 | 90              | 62.5           | 166.8                 | 21,000               |                 | 70              | 68.3           | 155.2                 | 7,100                |                 |                 | 34             | 81.4                  | 185.7                | 155,600* |          |
|                 | 95              | 60.7           | 164.0                 | 17,200               |                 | 75              | 66.4           | 153.0                 | 5,900                |                 |                 | 36             | 80.8                  | 185.4                | 151,800* |          |
|                 | 100             | 58.9           | 161.0                 | 13,800               |                 | 80              | 64.6           | 150.6                 | 5,000                |                 |                 | 38             | 80.2                  | 185.0                | 140,700  |          |
|                 | 105             | 57.0           | 157.8                 | 10,700               |                 | 85              | 62.8           | 148.3                 | 4,200                |                 |                 | 40             | 79.5                  | 184.6                | 128,500  |          |
| <b>190</b>      | 32              | 82.5           | 196.2                 | 118,000*             | 90              | 61.1            | 146.6          | 3,500                 | 42                   | 78.9            |                 | 184.2          | 117,700               |                      |          |          |
|                 | 34              | 81.9           | 195.9                 | 118,000*             | 95              | 60.4            | 145.4          | 3,000                 | 44                   | 78.2            |                 | 183.8          | 108,200               |                      |          |          |
|                 | 36              | 81.3           | 195.5                 | 118,000*             | 100             | 58.7            | 144.1          | 2,500                 | <b>190</b>           | 40              |                 | 79.5           | 184.6                 | 128,500              |          |          |
|                 | 38              | 80.7           | 195.2                 | 118,000*             | 105             | 57.0            | 142.8          | 2,100                 |                      | 42              |                 | 78.9           | 184.2                 | 117,700              |          |          |
|                 | 40              | 80.1           | 194.8                 | 118,000*             | <b>180</b>      | 30              | 82.7           | 186.3                 |                      | 163,200*        |                 | 44             | 78.2                  | 183.8                | 108,200  |          |
|                 | 42              | 79.4           | 194.4                 | 118,000*             |                 | 32              | 82.1           | 186.0                 |                      | 159,400*        |                 | <b>190</b>     | 34                    | 81.4                 | 185.7    | 155,600* |
|                 | 44              | 78.8           | 194.0                 | 108,900              |                 | 34              | 81.4           | 185.7                 |                      | 155,600*        |                 |                | 36                    | 80.8                 | 185.4    | 151,800* |
|                 | 46              | 78.2           | 193.6                 | 100,500              |                 | 36              | 80.8           | 185.4                 |                      | 151,800*        |                 |                | 38                    | 80.2                 | 185.0    | 140,700  |
|                 | 48              | 77.6           | 193.2                 | 92,900               |                 | 38              | 80.2           | 185.0                 |                      | 140,700         | 40              |                | 79.5                  | 184.6                | 128,500  |          |
|                 | 50              | 77.0           | 192.7                 | 86,100               |                 | 40              | 78.9           | 184.2                 |                      | 117,700         | 42              |                | 78.9                  | 184.2                | 117,700  |          |
|                 | 55              | 75.4           | 191.4                 | 71,700               |                 | 42              | 78.2           | 183.8                 |                      | 108,200         | 44              |                | 78.2                  | 183.8                | 108,200  |          |
|                 | 60              | 73.9           | 189.9                 | 60,300               |                 | 44              | 77.5           | 183.3                 |                      | 99,700          | <b>190</b>      |                | 40                    | 79.5                 | 184.6    | 128,500  |
|                 | 65              | 72.3           | 188.4                 | 50,800               |                 | 46              | 76.8           | 182.8                 |                      | 91,200          |                 |                | 42                    | 78.9                 | 184.2    | 117,700  |
|                 | 70              | 70.7           | 186.6                 | 43,000               |                 | 48              | 76.1           | 182.3                 |                      | 82,700          |                 |                | 44                    | 78.2                 | 183.8    | 108,200  |
| 75              | 69.1            | 184.7          | 36,400                | 50                   |                 | 75.4            | 181.8          | 74,200                |                      | 46              |                 |                | 77.5                  | 183.3                | 99,700   |          |
| 80              | 67.4            | 182.7          | 30,700                | 55                   |                 | 73.7            | 180.3          | 65,700                |                      | 48              |                 |                | 76.8                  | 182.8                | 91,200   |          |
| 85              | 65.8            | 180.4          | 25,700                | 60                   |                 | 72.0            | 178.8          | 57,200                | 50                   | 74.7            |                 |                | 181.8                 | 74,200               |          |          |
| 90              | 64.1            | 178.0          | 21,400                | 65                   |                 | 70.3            | 177.3          | 48,700                | 55                   | 73.0            |                 |                | 179.8                 | 66,700               |          |          |
| 95              | 62.4            | 175.4          | 17,600                | 70                   | 68.6            | 175.8           | 40,200         | 60                    | 71.6                 | 178.3           |                 |                | 59,200                |                      |          |          |
| 100             | 60.7            | 172.6          | 14,200                | 75                   | 66.9            | 174.3           | 31,700         | 65                    | 70.0                 | 176.8           |                 | 51,700         |                       |                      |          |          |
| 105             | 58.9            | 169.6          | 11,200                | 80                   | 65.2            | 172.8           | 23,200         | 70                    | 68.4                 | 175.3           |                 | 44,200         |                       |                      |          |          |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

### 888 SERIES 2

**BOOM NO. 22EL**  
**LUFFING JIB NO. 135**  
**179,100 LB. CRANE COUNTERWEIGHT**  
**44,000 LB. CARBODY COUNTERWEIGHT**  
**28'2" CRAWLERS EXTENDED**  
**360 DEGREE RATING**

#### 140 FT. LUFFING JIB, ATTACHED AT 168 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>70</b>       | 16              | 82.8           | 77.2                  | 387,900*             |
|                 | 17              | 82.0           | 77.1                  | 363,800*             |
|                 | 18              | 81.1           | 76.9                  | 342,200*             |
|                 | 19              | 80.3           | 76.7                  | 322,600*             |
|                 | 20              | 79.5           | 76.5                  | 304,800*             |
|                 | 22              | 77.8           | 76.0                  | 273,700*             |
|                 | 24              | 76.1           | 75.5                  | 247,400*             |
|                 | 26              | 74.4           | 74.9                  | 224,900*             |
|                 | 28              | 72.7           | 74.2                  | 205,300*             |
|                 | 30              | 70.9           | 73.5                  | 188,300*             |
|                 | 32              | 69.2           | 72.7                  | 173,200*             |
|                 | 34              | 67.4           | 71.8                  | 157,900              |
|                 | 36              | 65.6           | 70.9                  | 141,900              |
|                 | 38              | 63.7           | 69.8                  | 128,200              |
| 40              | 61.9            | 68.7           | 116,300               |                      |
| 42              | 60.0            | 67.5           | 105,900               |                      |
| 44              | 58.0            | 66.2           | 96,700                |                      |
| 46              | 56.0            | 64.9           | 88,500                |                      |
| 48              | 54.0            | 63.4           | 81,200                |                      |
| 50              | 51.9            | 61.7           | 74,600                |                      |
| <b>80</b>       | 17              | 83.0           | 87.2                  | 364,400*             |
|                 | 18              | 82.3           | 87.0                  | 342,800*             |
|                 | 19              | 81.5           | 86.9                  | 323,300*             |
|                 | 20              | 80.8           | 86.7                  | 305,600*             |
|                 | 22              | 79.3           | 86.3                  | 274,500*             |
|                 | 24              | 77.9           | 85.8                  | 248,300*             |
|                 | 26              | 76.4           | 85.3                  | 225,800*             |
|                 | 28              | 74.9           | 84.7                  | 206,400*             |
|                 | 30              | 73.4           | 84.1                  | 189,400*             |
|                 | 32              | 71.9           | 83.4                  | 174,300*             |
|                 | 34              | 70.4           | 82.7                  | 160,400              |
|                 | 36              | 68.8           | 81.9                  | 144,300              |
|                 | 38              | 67.3           | 81.0                  | 130,500              |
|                 | 40              | 65.7           | 80.0                  | 118,500              |
| 42              | 64.1            | 79.0           | 108,100               |                      |
| 44              | 62.4            | 78.0           | 98,800                |                      |
| 46              | 60.8            | 76.8           | 90,600                |                      |
| 48              | 59.1            | 75.6           | 83,300                |                      |
| 50              | 57.4            | 74.3           | 76,700                |                      |
| 55              | 52.9            | 70.6           | 62,700                |                      |
| <b>90</b>       | 19              | 82.5           | 97.0                  | 323,900*             |
|                 | 20              | 81.8           | 96.8                  | 306,200*             |
|                 | 22              | 80.5           | 96.5                  | 275,300*             |
|                 | 24              | 79.2           | 96.1                  | 249,100*             |
|                 | 26              | 77.9           | 95.6                  | 226,700*             |
|                 | 28              | 76.6           | 95.1                  | 207,300*             |
|                 | 30              | 75.3           | 94.6                  | 190,300*             |
|                 | 32              | 74.0           | 94.0                  | 175,300*             |
|                 | 34              | 72.6           | 93.3                  | 162,000*             |
|                 | 36              | 71.3           | 92.6                  | 146,200              |
|                 | 38              | 69.9           | 91.8                  | 132,300              |
|                 | 40              | 68.6           | 91.0                  | 120,300              |
|                 | 42              | 67.2           | 90.1                  | 109,800              |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>90</b>       | 44              | 65.8           | 89.2                  | 100,600              |
|                 | 46              | 64.3           | 88.2                  | 92,300               |
|                 | 48              | 62.9           | 87.2                  | 84,900               |
|                 | 50              | 61.4           | 86.0                  | 78,300               |
|                 | 55              | 57.7           | 82.9                  | 64,300               |
|                 | 60              | 53.8           | 79.3                  | 53,000               |
| <b>100</b>      | 20              | 82.7           | 107.0                 | 306,900*             |
|                 | 22              | 81.5           | 106.6                 | 276,000*             |
|                 | 24              | 80.3           | 106.3                 | 249,900*             |
|                 | 26              | 79.2           | 105.9                 | 227,600*             |
|                 | 28              | 78.0           | 105.4                 | 208,200*             |
|                 | 30              | 76.8           | 104.9                 | 191,200*             |
|                 | 32              | 75.6           | 104.4                 | 176,300*             |
|                 | 34              | 74.4           | 103.8                 | 163,000*             |
|                 | 36              | 73.2           | 103.2                 | 147,700              |
|                 | 38              | 72.0           | 102.5                 | 133,800              |
| 40              | 70.8            | 101.8          | 121,800               |                      |
| 42              | 69.6            | 101.0          | 111,300               |                      |
| 44              | 68.3            | 100.2          | 102,000               |                      |
| 46              | 67.1            | 99.3           | 93,800                |                      |
| 48              | 65.8            | 98.4           | 86,400                |                      |
| 50              | 64.6            | 97.4           | 79,700                |                      |
| 55              | 61.3            | 94.7           | 65,700                |                      |
| 60              | 57.9            | 91.6           | 54,400                |                      |
| 65              | 54.4            | 88.1           | 45,200                |                      |
| <b>110</b>      | 22              | 82.3           | 116.8                 | 276,200*             |
|                 | 24              | 81.2           | 116.4                 | 250,100*             |
|                 | 26              | 80.2           | 116.1                 | 227,800*             |
|                 | 28              | 79.1           | 115.7                 | 208,400*             |
|                 | 30              | 78.0           | 115.2                 | 191,500*             |
|                 | 32              | 77.0           | 114.7                 | 176,600*             |
|                 | 34              | 75.9           | 114.2                 | 163,300*             |
|                 | 36              | 74.8           | 113.6                 | 148,800              |
|                 | 38              | 73.7           | 113.0                 | 134,900              |
|                 | 40              | 72.6           | 112.4                 | 122,900              |
|                 | 42              | 71.5           | 111.7                 | 112,300              |
|                 | 44              | 70.4           | 110.9                 | 103,000              |
|                 | 46              | 69.3           | 110.2                 | 94,700               |
|                 | 48              | 68.2           | 109.3                 | 87,300               |
| 50              | 67.0            | 108.5          | 80,600                |                      |
| 55              | 64.1            | 106.1          | 66,500                |                      |
| 60              | 61.2            | 103.4          | 55,200                |                      |
| 65              | 58.1            | 100.3          | 46,000                |                      |
| 70              | 55.0            | 96.8           | 38,300                |                      |
| 75              | 51.7            | 93.0           | 31,800                |                      |
| <b>120</b>      | 22              | 82.9           | 126.9                 | 276,400*             |
|                 | 24              | 82.0           | 126.6                 | 250,400*             |
|                 | 26              | 81.0           | 126.2                 | 228,100*             |
|                 | 28              | 80.0           | 125.9                 | 208,800*             |
|                 | 30              | 79.1           | 125.5                 | 191,900*             |
|                 | 32              | 78.1           | 125.0                 | 177,000*             |
|                 | 34              | 77.1           | 124.5                 | 163,700*             |
|                 | 36              | 76.1           | 124.0                 | 149,800              |
|                 | 38              | 75.1           | 123.5                 | 135,800              |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>120</b>      | 40              | 74.1           | 122.9                 | 123,700              |
|                 | 42              | 73.1           | 122.2                 | 113,100              |
|                 | 44              | 72.1           | 121.6                 | 103,800              |
|                 | 46              | 71.1           | 120.9                 | 95,500               |
|                 | 48              | 70.1           | 120.1                 | 88,100               |
|                 | 50              | 69.1           | 119.3                 | 81,400               |
|                 | 55              | 66.5           | 117.2                 | 67,300               |
|                 | 60              | 63.8           | 114.7                 | 56,000               |
| <b>130</b>      | 65              | 61.1           | 112.0                 | 46,700               |
|                 | 70              | 58.3           | 109.0                 | 39,000               |
|                 | 75              | 55.4           | 105.6                 | 32,500               |
|                 | 80              | 52.4           | 101.8                 | 26,900               |
|                 | 24              | 82.6           | 136.7                 | 244,100*             |
|                 | 26              | 81.7           | 136.4                 | 228,400*             |
|                 | 28              | 80.8           | 136.0                 | 209,100*             |
|                 | 30              | 79.9           | 135.7                 | 192,300*             |
|                 | 32              | 79.0           | 135.3                 | 177,400*             |
|                 | 34              | 78.1           | 134.8                 | 164,100*             |
| 36              | 77.2            | 134.3          | 150,600               |                      |
| 38              | 76.3            | 133.8          | 136,700               |                      |
| 40              | 75.4            | 133.3          | 124,600               |                      |
| 42              | 74.5            | 132.7          | 114,000               |                      |
| 44              | 73.5            | 132.1          | 104,600               |                      |
| 46              | 72.6            | 131.5          | 96,300                |                      |
| 48              | 71.7            | 130.8          | 88,900                |                      |
| 50              | 70.7            | 130.1          | 82,200                |                      |
| 55              | 68.4            | 128.1          | 68,000                |                      |
| 60              | 66.0            | 125.9          | 56,700                |                      |
| 65              | 63.5            | 123.4          | 47,500                |                      |
| 70              | 61.0            | 120.7          | 39,700                |                      |
| 75              | 58.4            | 117.6          | 33,200                |                      |
| 80              | 55.8            | 114.3          | 27,600                |                      |
| 85              | 53.0            | 110.6          | 22,700                |                      |
| <b>140</b>      | 26              | 82.3           | 146.5                 | 226,400*             |
|                 | 28              | 81.5           | 146.2                 | 209,200*             |
|                 | 30              | 80.6           | 145.8                 | 192,300*             |
|                 | 32              | 79.8           | 145.5                 | 177,500*             |
|                 | 34              | 79.0           | 145.1                 | 164,300*             |
|                 | 36              | 78.1           | 144.6                 | 151,200              |
|                 | 38              | 77.3           | 144.1                 | 137,300              |
|                 | 40              | 76.4           | 143.6                 | 125,100              |
|                 | 42              | 75.6           | 143.1                 | 114,500              |
|                 | 44              | 74.7           | 142.5                 | 105,200              |
|                 | 46              | 73.9           | 141.9                 | 96,800               |
|                 | 48              | 73.0           | 141.3                 | 89,400               |
|                 | 50              | 72.2           | 140.7                 | 82,700               |
|                 | 55              | 70.0           | 138.9                 | 68,500               |
| 60              | 67.8            | 136.8          | 57,200                |                      |
| 65              | 65.5            | 134.6          | 47,900                |                      |
| 70              | 63.3            | 132.1          | 40,200                |                      |
| 75              | 60.9            | 129.3          | 33,600                |                      |
| 80              | 58.5            | 126.3          | 28,000                |                      |
| 85              | 56.1            | 123.0          | 23,200                |                      |
| 90              | 53.5            | 119.3          | 18,900                |                      |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

## 888 SERIES 2

**BOOM NO. 22EL**  
**LUFFING JIB NO. 135**  
**179,100 LB. CRANE COUNTERWEIGHT**  
**44,000 LB. CARBODY COUNTERWEIGHT**  
**28'2" CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 140 FT. LUFFING JIB, ATTACHED AT 168 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>150</b>      | 26              | 82.8           | 156.6                 | 202,800*             |
|                 | 28              | 82.0           | 156.3                 | 197,200*             |
|                 | 30              | 81.3           | 156.0                 | 191,700*             |
|                 | 32              | 80.5           | 155.6                 | 177,200*             |
|                 | 34              | 79.7           | 155.3                 | 164,000*             |
|                 | 36              | 78.9           | 154.8                 | 151,800              |
|                 | 38              | 78.2           | 154.4                 | 137,700              |
|                 | 40              | 77.4           | 153.9                 | 125,600              |
|                 | 42              | 76.6           | 153.5                 | 114,900              |
|                 | 44              | 75.8           | 152.9                 | 105,500              |
| <b>160</b>      | 46              | 75.0           | 152.4                 | 97,200               |
|                 | 48              | 74.2           | 151.8                 | 89,700               |
|                 | 50              | 73.4           | 151.2                 | 83,000               |
|                 | 55              | 71.4           | 149.5                 | 68,800               |
|                 | 60              | 69.4           | 147.6                 | 57,400               |
|                 | 65              | 67.3           | 145.6                 | 48,100               |
|                 | 70              | 65.2           | 143.3                 | 40,400               |
|                 | 75              | 63.0           | 140.8                 | 33,800               |
|                 | 80              | 60.9           | 138.0                 | 28,200               |
|                 | 85              | 58.6           | 135.0                 | 23,300               |
| <b>170</b>      | 90              | 56.3           | 131.7                 | 19,000               |
|                 | 95              | 54.0           | 128.1                 | 15,200               |
|                 | 100             | 51.6           | 124.2                 | 11,900               |
|                 | 28              | 82.5           | 166.4                 | 188,700*             |
|                 | 30              | 81.8           | 166.1                 | 183,600*             |
|                 | 32              | 81.1           | 165.8                 | 177,100*             |
|                 | 34              | 80.4           | 165.4                 | 163,900*             |
|                 | 36              | 79.6           | 165.1                 | 152,100*             |
|                 | 38              | 78.9           | 164.6                 | 138,000              |
|                 | 40              | 78.2           | 164.2                 | 125,800              |
| <b>180</b>      | 42              | 77.4           | 163.7                 | 115,200              |
|                 | 44              | 76.7           | 163.3                 | 105,800              |
|                 | 46              | 76.0           | 162.7                 | 97,400               |
|                 | 48              | 75.2           | 162.2                 | 89,900               |
|                 | 50              | 74.5           | 161.6                 | 83,200               |
|                 | 55              | 72.6           | 160.1                 | 69,000               |
|                 | 60              | 70.7           | 158.3                 | 57,600               |
|                 | 65              | 68.8           | 156.4                 | 48,300               |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>160</b>      | 70              | 66.8           | 154.3                 | 40,500               |
|                 | 75              | 64.9           | 152.0                 | 33,900               |
|                 | 80              | 62.9           | 149.4                 | 28,300               |
|                 | 85              | 60.8           | 146.7                 | 23,400               |
|                 | 90              | 58.7           | 143.6                 | 19,100               |
| <b>170</b>      | 95              | 56.6           | 140.4                 | 15,300               |
|                 | 100             | 54.4           | 136.8                 | 12,000               |
|                 | 28              | 83.0           | 176.5                 | 173,400*             |
|                 | 30              | 82.3           | 176.2                 | 169,200*             |
|                 | 32              | 81.6           | 175.9                 | 165,100*             |
| <b>180</b>      | 34              | 80.9           | 175.6                 | 161,100*             |
|                 | 36              | 80.3           | 175.2                 | 152,100*             |
|                 | 38              | 79.6           | 174.9                 | 138,400              |
|                 | 40              | 78.9           | 174.4                 | 126,200              |
|                 | 42              | 78.2           | 174.0                 | 115,500              |
|                 | 44              | 77.5           | 173.6                 | 106,100              |
|                 | 46              | 76.8           | 173.1                 | 97,700               |
|                 | 48              | 76.1           | 172.6                 | 90,200               |
|                 | 50              | 75.4           | 172.0                 | 83,500               |
|                 | 55              | 73.7           | 170.6                 | 69,200               |
| <b>190</b>      | 60              | 71.9           | 168.9                 | 57,900               |
|                 | 65              | 70.1           | 167.1                 | 48,500               |
|                 | 70              | 68.3           | 165.2                 | 40,800               |
|                 | 75              | 66.4           | 163.0                 | 34,200               |
|                 | 80              | 64.6           | 160.6                 | 28,500               |
|                 | 85              | 62.7           | 158.1                 | 23,600               |
|                 | 90              | 60.8           | 155.3                 | 19,400               |
|                 | 95              | 58.8           | 152.3                 | 15,600               |
|                 | 100             | 56.8           | 149.1                 | 12,200               |
|                 | <b>180</b>      | 30             | 82.7                  | 186.3                |
| 32              |                 | 82.1           | 186.0                 | 156,600*             |
| 34              |                 | 81.4           | 185.7                 | 152,800*             |
| 36              |                 | 80.8           | 185.4                 | 149,100*             |
| 38              |                 | 80.2           | 185.0                 | 138,600              |
| 40              |                 | 79.5           | 184.6                 | 126,300              |
| 42              |                 | 78.9           | 184.2                 | 115,600              |
| 44              |                 | 78.2           | 183.8                 | 106,200              |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>180</b>      | 46              | 77.6           | 183.4                 | 97,800               |
|                 | 48              | 76.9           | 182.9                 | 90,300               |
|                 | 50              | 76.2           | 182.4                 | 83,600               |
|                 | 55              | 74.6           | 181.0                 | 69,300               |
|                 | 60              | 72.9           | 179.5                 | 57,900               |
|                 | 65              | 71.2           | 177.8                 | 48,600               |
|                 | 70              | 69.5           | 175.9                 | 40,800               |
|                 | 75              | 67.8           | 173.9                 | 34,200               |
|                 | 80              | 66.1           | 171.7                 | 28,500               |
|                 | 85              | 64.3           | 169.3                 | 23,600               |
| <b>190</b>      | 90              | 62.5           | 166.8                 | 19,300               |
|                 | 95              | 60.7           | 164.0                 | 15,600               |
|                 | 100             | 58.9           | 161.0                 | 12,200               |
|                 | 32              | 82.5           | 196.2                 | 118,000*             |
|                 | 34              | 81.9           | 195.9                 | 118,000*             |
|                 | 36              | 81.3           | 195.5                 | 118,000*             |
|                 | 38              | 80.7           | 195.2                 | 118,000*             |
|                 | 40              | 80.1           | 194.8                 | 118,000*             |
|                 | 42              | 79.4           | 194.4                 | 116,400              |
|                 | 44              | 78.8           | 194.0                 | 106,900              |
| <b>190</b>      | 46              | 78.2           | 193.6                 | 98,500               |
|                 | 48              | 77.6           | 193.2                 | 91,000               |
|                 | 50              | 77.0           | 192.7                 | 84,200               |
|                 | 55              | 75.4           | 191.4                 | 69,900               |
|                 | 60              | 73.9           | 189.9                 | 58,500               |
|                 | 65              | 72.3           | 188.4                 | 49,100               |
|                 | 70              | 70.7           | 186.6                 | 41,300               |
|                 | 75              | 69.1           | 184.7                 | 34,700               |
|                 | 80              | 67.4           | 182.7                 | 29,000               |
|                 | 85              | 65.8           | 180.4                 | 24,100               |
| <b>190</b>      | 90              | 64.1           | 178.0                 | 19,800               |
|                 | 95              | 62.4           | 175.4                 | 16,000               |
|                 | 100             | 60.7           | 172.6                 | 12,700               |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

### 888 SERIES 2

**BOOM NO. 22EL**  
**LUFFING JIB NO. 135**  
**179,100 LB. CRANE COUNTERWEIGHT**  
**44,000 LB. CARBODY COUNTERWEIGHT**  
**28'2" CRAWLERS EXTENDED**  
**360 DEGREE RATING**

#### 150 FT. LUFFING JIB, ATTACHED AT 168 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>70</b>       | 16              | 82.8           | 77.2                  | 385,200*             |
|                 | 17              | 82.0           | 77.1                  | 361,200*             |
|                 | 18              | 81.1           | 76.9                  | 339,600*             |
|                 | 19              | 80.3           | 76.7                  | 320,000*             |
|                 | 20              | 79.5           | 76.5                  | 302,300*             |
|                 | 22              | 77.8           | 76.0                  | 271,200*             |
|                 | 24              | 76.1           | 75.5                  | 245,000*             |
|                 | 26              | 74.4           | 74.9                  | 222,500*             |
|                 | 28              | 72.7           | 74.2                  | 203,000*             |
|                 | 30              | 70.9           | 73.5                  | 185,900*             |
| <b>80</b>       | 32              | 69.2           | 72.7                  | 170,900*             |
|                 | 34              | 67.4           | 71.8                  | 155,400              |
|                 | 36              | 65.6           | 70.9                  | 139,500              |
|                 | 38              | 63.7           | 69.8                  | 125,900              |
|                 | 40              | 61.9           | 68.7                  | 114,000              |
|                 | 42              | 60.0           | 67.5                  | 103,700              |
|                 | 44              | 58.0           | 66.2                  | 94,500               |
|                 | 46              | 56.0           | 64.9                  | 86,400               |
|                 | 48              | 54.0           | 63.4                  | 79,100               |
|                 | 50              | 51.9           | 61.7                  | 72,600               |
| <b>90</b>       | 17              | 83.0           | 87.2                  | 361,900*             |
|                 | 18              | 82.3           | 87.0                  | 340,300*             |
|                 | 19              | 81.5           | 86.9                  | 320,800*             |
|                 | 20              | 80.8           | 86.7                  | 303,100*             |
|                 | 22              | 79.3           | 86.3                  | 272,200*             |
|                 | 24              | 77.9           | 85.8                  | 246,000*             |
|                 | 26              | 76.4           | 85.3                  | 223,600*             |
|                 | 28              | 74.9           | 84.7                  | 204,200*             |
|                 | 30              | 73.4           | 84.1                  | 187,200*             |
|                 | 32              | 71.9           | 83.4                  | 172,200*             |
| <b>100</b>      | 34              | 70.4           | 82.7                  | 158,000              |
|                 | 36              | 68.8           | 81.9                  | 142,000              |
|                 | 38              | 67.3           | 81.0                  | 128,300              |
|                 | 40              | 65.7           | 80.0                  | 116,400              |
|                 | 42              | 64.1           | 79.0                  | 106,000              |
|                 | 44              | 62.4           | 78.0                  | 96,800               |
|                 | 46              | 60.8           | 76.8                  | 88,700               |
|                 | 48              | 59.1           | 75.6                  | 81,400               |
|                 | 50              | 57.4           | 74.3                  | 74,800               |
|                 | 55              | 52.9           | 70.6                  | 60,900               |
| <b>110</b>      | 19              | 82.5           | 97.0                  | 321,600*             |
|                 | 20              | 81.8           | 96.8                  | 303,900*             |
|                 | 22              | 80.5           | 96.5                  | 273,000*             |
|                 | 24              | 79.2           | 96.1                  | 246,900*             |
|                 | 26              | 77.9           | 95.6                  | 224,500*             |
|                 | 28              | 76.6           | 95.1                  | 205,200*             |
|                 | 30              | 75.3           | 94.6                  | 188,200*             |
|                 | 32              | 74.0           | 94.0                  | 173,300*             |
|                 | 34              | 72.6           | 93.3                  | 160,000*             |
|                 | 36              | 71.3           | 92.6                  | 144,100              |
| <b>120</b>      | 38              | 69.9           | 91.8                  | 130,300              |
|                 | 40              | 68.6           | 91.0                  | 118,400              |
|                 | 42              | 67.2           | 90.1                  | 107,900              |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>90</b>       | 44              | 65.8           | 89.2                  | 98,700               |
|                 | 46              | 64.3           | 88.2                  | 90,500               |
|                 | 48              | 62.9           | 87.2                  | 83,200               |
|                 | 50              | 61.4           | 86.0                  | 76,500               |
|                 | 55              | 57.7           | 82.9                  | 62,600               |
|                 | 60              | 53.8           | 79.3                  | 51,400               |
| <b>100</b>      | 20              | 82.7           | 107.0                 | 304,700*             |
|                 | 22              | 81.5           | 106.6                 | 273,900*             |
|                 | 24              | 80.3           | 106.3                 | 247,800*             |
|                 | 26              | 79.2           | 105.9                 | 225,500*             |
|                 | 28              | 78.0           | 105.4                 | 206,200*             |
|                 | 30              | 76.8           | 104.9                 | 189,300*             |
|                 | 32              | 75.6           | 104.4                 | 174,300*             |
|                 | 34              | 74.4           | 103.8                 | 161,100*             |
|                 | 36              | 73.2           | 103.2                 | 145,700              |
|                 | 38              | 72.0           | 102.5                 | 131,900              |
| <b>110</b>      | 40              | 70.8           | 101.8                 | 120,000              |
|                 | 42              | 69.6           | 101.0                 | 109,500              |
|                 | 44              | 68.3           | 100.2                 | 100,200              |
|                 | 46              | 67.1           | 99.3                  | 92,000               |
|                 | 48              | 65.8           | 98.4                  | 84,700               |
|                 | 50              | 64.6           | 97.4                  | 78,100               |
|                 | 55              | 61.3           | 94.7                  | 64,100               |
|                 | 60              | 57.9           | 91.6                  | 52,900               |
|                 | 65              | 54.4           | 88.1                  | 43,800               |
|                 | <b>120</b>      | 22             | 82.3                  | 116.8                |
| 24              |                 | 81.2           | 116.4                 | 248,100*             |
| 26              |                 | 80.2           | 116.1                 | 225,800*             |
| 28              |                 | 79.1           | 115.7                 | 206,500*             |
| 30              |                 | 78.0           | 115.2                 | 189,600*             |
| 32              |                 | 77.0           | 114.7                 | 174,700*             |
| 34              |                 | 75.9           | 114.2                 | 161,500*             |
| 36              |                 | 74.8           | 113.6                 | 146,900              |
| 38              |                 | 73.7           | 113.0                 | 133,100              |
| 40              |                 | 72.6           | 112.4                 | 121,100              |
| <b>130</b>      | 42              | 71.5           | 111.7                 | 110,600              |
|                 | 44              | 70.4           | 110.9                 | 101,300              |
|                 | 46              | 69.3           | 110.2                 | 93,100               |
|                 | 48              | 68.2           | 109.3                 | 85,700               |
|                 | 50              | 67.0           | 108.5                 | 79,100               |
|                 | 55              | 64.1           | 106.1                 | 65,000               |
|                 | 60              | 61.2           | 103.4                 | 53,800               |
|                 | 65              | 58.1           | 100.3                 | 44,600               |
|                 | 70              | 55.0           | 96.8                  | 37,000               |
|                 | 75              | 51.7           | 93.0                  | 30,500               |
| <b>140</b>      | 22              | 82.9           | 126.9                 | 274,400*             |
|                 | 24              | 82.0           | 126.6                 | 248,400*             |
|                 | 26              | 81.0           | 126.2                 | 226,200*             |
|                 | 28              | 80.0           | 125.9                 | 206,900*             |
|                 | 30              | 79.1           | 125.5                 | 190,000*             |
|                 | 32              | 78.1           | 125.0                 | 175,200*             |
|                 | 34              | 77.1           | 124.5                 | 161,900*             |
|                 | 36              | 76.1           | 124.0                 | 147,900              |
|                 | 38              | 75.1           | 123.5                 | 134,000              |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>120</b>      | 40              | 74.1           | 122.9                 | 122,000              |
|                 | 42              | 73.1           | 122.2                 | 111,500              |
|                 | 44              | 72.1           | 121.6                 | 102,200              |
|                 | 46              | 71.1           | 120.9                 | 93,900               |
|                 | 48              | 70.1           | 120.1                 | 86,600               |
|                 | 50              | 69.1           | 119.3                 | 79,900               |
|                 | 55              | 66.5           | 117.2                 | 65,900               |
|                 | 60              | 63.8           | 114.7                 | 54,600               |
| <b>130</b>      | 65              | 61.1           | 112.0                 | 45,400               |
|                 | 70              | 58.3           | 109.0                 | 37,700               |
|                 | 75              | 55.4           | 105.6                 | 31,200               |
|                 | 80              | 52.4           | 101.8                 | 25,700               |
|                 | 24              | 82.6           | 136.7                 | 242,200*             |
|                 | 26              | 81.7           | 136.4                 | 226,600*             |
|                 | 28              | 80.8           | 136.0                 | 207,300*             |
|                 | 30              | 79.9           | 135.7                 | 190,500*             |
|                 | 32              | 79.0           | 135.3                 | 175,600*             |
|                 | 34              | 78.1           | 134.8                 | 162,400*             |
| <b>140</b>      | 36              | 77.2           | 134.3                 | 148,900              |
|                 | 38              | 76.3           | 133.8                 | 135,000              |
|                 | 40              | 75.4           | 133.3                 | 122,900              |
|                 | 42              | 74.5           | 132.7                 | 112,400              |
|                 | 44              | 73.5           | 132.1                 | 103,100              |
|                 | 46              | 72.6           | 131.5                 | 94,800               |
|                 | 48              | 71.7           | 130.8                 | 87,400               |
|                 | 50              | 70.7           | 130.1                 | 80,700               |
|                 | 55              | 68.4           | 128.1                 | 66,700               |
|                 | 60              | 66.0           | 125.9                 | 55,400               |
| <b>150</b>      | 65              | 63.5           | 123.4                 | 46,200               |
|                 | 70              | 61.0           | 120.7                 | 38,500               |
|                 | 75              | 58.4           | 117.6                 | 32,000               |
|                 | 80              | 55.8           | 114.3                 | 26,400               |
|                 | 85              | 53.0           | 110.6                 | 21,600               |
|                 | 26              | 82.3           | 146.5                 | 224,400*             |
|                 | 28              | 81.5           | 146.2                 | 207,400*             |
|                 | 30              | 80.6           | 145.8                 | 190,600*             |
|                 | 32              | 79.8           | 145.5                 | 175,800*             |
|                 | 34              | 79.0           | 145.1                 | 162,600*             |
| 36              | 78.1            | 144.6          | 149,500               |                      |
| <b>160</b>      | 38              | 77.3           | 144.1                 | 135,600              |
|                 | 40              | 76.4           | 143.6                 | 123,500              |
|                 | 42              | 75.6           | 143.1                 | 113,000              |
|                 | 44              | 74.7           | 142.5                 | 103,700              |
|                 | 46              | 73.9           | 141.9                 | 95,400               |
|                 | 48              | 73.0           | 141.3                 | 88,000               |
|                 | 50              | 72.2           | 140.7                 | 81,300               |
|                 | 55              | 70.0           | 138.9                 | 67,200               |
|                 | 60              | 67.8           | 136.8                 | 55,900               |
|                 | 65              | 65.5           | 134.6                 | 46,700               |
| <b>170</b>      | 70              | 63.3           | 132.1                 | 39,000               |
|                 | 75              | 60.9           | 129.3                 | 32,500               |
|                 | 80              | 58.5           | 126.3                 | 26,900               |
|                 | 85              | 56.1           | 123.0                 | 22,100               |
|                 | 90              | 53.5           | 119.3                 | 17,800               |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

### 888 SERIES 2

**BOOM NO. 22EL**  
**LUFFING JIB NO. 135**  
**179,100 LB. CRANE COUNTERWEIGHT**  
**44,000 LB. CARBODY COUNTERWEIGHT**  
**28'2" CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 150 FT. LUFFING JIB, ATTACHED AT 168 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>150</b>      | 26              | 82.8           | 156.6                 | 201,000*             |
|                 | 28              | 82.0           | 156.3                 | 195,400*             |
|                 | 30              | 81.3           | 156.0                 | 189,900*             |
|                 | 32              | 80.5           | 155.6                 | 175,600*             |
|                 | 34              | 79.7           | 155.3                 | 162,400*             |
|                 | 36              | 78.9           | 154.8                 | 150,100              |
|                 | 38              | 78.2           | 154.4                 | 136,100              |
|                 | 40              | 77.4           | 153.9                 | 124,000              |
|                 | 42              | 76.6           | 153.5                 | 113,400              |
|                 | 44              | 75.8           | 152.9                 | 104,100              |
| <b>160</b>      | 46              | 75.0           | 152.4                 | 95,800               |
|                 | 48              | 74.2           | 151.8                 | 88,300               |
|                 | 50              | 73.4           | 151.2                 | 81,600               |
|                 | 55              | 71.4           | 149.5                 | 67,500               |
|                 | 60              | 69.4           | 147.6                 | 56,200               |
|                 | 65              | 67.3           | 145.6                 | 46,900               |
|                 | 70              | 65.2           | 143.3                 | 39,200               |
|                 | 75              | 63.0           | 140.8                 | 32,700               |
|                 | 80              | 60.9           | 138.0                 | 27,100               |
|                 | 85              | 58.6           | 135.0                 | 22,200               |
| <b>170</b>      | 90              | 56.3           | 131.7                 | 18,000               |
|                 | 95              | 54.0           | 128.1                 | 14,200               |
|                 | 100             | 51.6           | 124.2                 | 10,900               |
|                 | 28              | 82.5           | 166.4                 | 186,900*             |
|                 | 30              | 81.8           | 166.1                 | 181,700*             |
|                 | 32              | 81.1           | 165.8                 | 175,500*             |
|                 | 34              | 80.4           | 165.4                 | 162,300*             |
|                 | 36              | 79.6           | 165.1                 | 150,500              |
|                 | 38              | 78.9           | 164.6                 | 136,500              |
|                 | 40              | 78.2           | 164.2                 | 124,300              |
| <b>180</b>      | 42              | 77.4           | 163.7                 | 113,700              |
|                 | 44              | 76.7           | 163.3                 | 104,400              |
|                 | 46              | 76.0           | 162.7                 | 96,000               |
|                 | 48              | 75.2           | 162.2                 | 88,600               |
|                 | 50              | 74.5           | 161.6                 | 81,900               |
|                 | 55              | 72.6           | 160.1                 | 67,700               |
|                 | 60              | 70.7           | 158.3                 | 56,400               |
|                 | 65              | 68.8           | 156.4                 | 47,100               |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>160</b>      | 70              | 66.8           | 154.3                 | 39,400               |
|                 | 75              | 64.9           | 152.0                 | 32,900               |
|                 | 80              | 62.9           | 149.4                 | 27,300               |
|                 | 85              | 60.8           | 146.7                 | 22,400               |
|                 | 90              | 58.7           | 143.6                 | 18,100               |
| <b>170</b>      | 95              | 56.6           | 140.4                 | 14,400               |
|                 | 100             | 54.4           | 136.8                 | 11,000               |
|                 | 28              | 83.0           | 176.5                 | 171,600*             |
|                 | 30              | 82.3           | 176.2                 | 167,500*             |
|                 | 32              | 81.6           | 175.9                 | 163,400*             |
|                 | 34              | 80.9           | 175.6                 | 159,300*             |
|                 | 36              | 80.3           | 175.2                 | 150,600*             |
|                 | 38              | 79.6           | 174.9                 | 136,900              |
|                 | 40              | 78.9           | 174.4                 | 124,700              |
|                 | 42              | 78.2           | 174.0                 | 114,100              |
| <b>180</b>      | 44              | 77.5           | 173.6                 | 104,700              |
|                 | 46              | 76.8           | 173.1                 | 96,400               |
|                 | 48              | 76.1           | 172.6                 | 88,900               |
|                 | 50              | 75.4           | 172.0                 | 82,200               |
|                 | 55              | 73.7           | 170.6                 | 68,000               |
|                 | 60              | 71.9           | 168.9                 | 56,700               |
|                 | 65              | 70.1           | 167.1                 | 47,400               |
|                 | 70              | 68.3           | 165.2                 | 39,700               |
|                 | 75              | 66.4           | 163.0                 | 33,100               |
|                 | 80              | 64.6           | 160.6                 | 27,500               |
| <b>190</b>      | 85              | 62.7           | 158.1                 | 22,700               |
|                 | 90              | 60.8           | 155.3                 | 18,400               |
|                 | 95              | 58.8           | 152.3                 | 14,600               |
|                 | 100             | 56.8           | 149.1                 | 11,300               |
|                 | 30              | 82.7           | 186.3                 | 158,700*             |
|                 | 32              | 82.1           | 186.0                 | 154,900*             |
|                 | 34              | 81.4           | 185.7                 | 151,000*             |
|                 | 36              | 80.8           | 185.4                 | 147,300*             |
|                 | 38              | 80.2           | 185.0                 | 137,100              |
|                 | 40              | 79.5           | 184.6                 | 124,900              |
| <b>180</b>      | 42              | 78.9           | 184.2                 | 114,300              |
|                 | 44              | 78.2           | 183.8                 | 104,900              |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>180</b>      | 46              | 77.6           | 183.4                 | 96,500               |
|                 | 48              | 76.9           | 182.9                 | 89,100               |
|                 | 50              | 76.2           | 182.4                 | 82,300               |
|                 | 55              | 74.6           | 181.0                 | 68,100               |
|                 | 60              | 72.9           | 179.5                 | 56,800               |
|                 | 65              | 71.2           | 177.8                 | 47,500               |
|                 | 70              | 69.5           | 175.9                 | 39,700               |
|                 | 75              | 67.8           | 173.9                 | 33,200               |
|                 | 80              | 66.1           | 171.7                 | 27,600               |
|                 | 85              | 64.3           | 169.3                 | 22,700               |
| <b>190</b>      | 90              | 62.5           | 166.8                 | 18,400               |
|                 | 95              | 60.7           | 164.0                 | 14,700               |
|                 | 100             | 58.9           | 161.0                 | 11,300               |
|                 | 32              | 82.5           | 196.2                 | 118,000*             |
|                 | 34              | 81.9           | 195.9                 | 118,000*             |
|                 | 36              | 81.3           | 195.5                 | 118,000*             |
|                 | 38              | 80.7           | 195.2                 | 118,000*             |
|                 | 40              | 80.1           | 194.8                 | 118,000*             |
|                 | 42              | 79.4           | 194.4                 | 115,000              |
|                 | 44              | 78.8           | 194.0                 | 105,600              |
| <b>190</b>      | 46              | 78.2           | 193.6                 | 97,300               |
|                 | 48              | 77.6           | 193.2                 | 89,800               |
|                 | 50              | 77.0           | 192.7                 | 83,000               |
|                 | 55              | 75.4           | 191.4                 | 68,800               |
|                 | 60              | 73.9           | 189.9                 | 57,400               |
|                 | 65              | 72.3           | 188.4                 | 48,100               |
|                 | 70              | 70.7           | 186.6                 | 40,300               |
|                 | 75              | 69.1           | 184.7                 | 33,700               |
|                 | 80              | 67.4           | 182.7                 | 28,100               |
|                 | 85              | 65.8           | 180.4                 | 23,200               |
| <b>190</b>      | 90              | 64.1           | 178.0                 | 18,900               |
|                 | 95              | 62.4           | 175.4                 | 15,100               |
|                 | 100             | 60.7           | 172.6                 | 11,800               |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

### 888 SERIES 2

**BOOM NO. 22EL**  
**LUFFING JIB NO. 135**  
**179,100 LB. CRANE COUNTERWEIGHT**  
**44,000 LB. CARBODY COUNTERWEIGHT**  
**28'2" CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 160 FT. LUFFING JIB, ATTACHED AT 168 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>70</b>       | 16              | 82.8           | 77.2                  | 381,400*             |
|                 | 17              | 82.0           | 77.1                  | 357,400*             |
|                 | 18              | 81.1           | 76.9                  | 335,800*             |
|                 | 19              | 80.3           | 76.7                  | 316,300*             |
|                 | 20              | 79.5           | 76.5                  | 298,500*             |
|                 | 22              | 77.8           | 76.0                  | 267,500*             |
|                 | 24              | 76.1           | 75.5                  | 241,300*             |
|                 | 26              | 74.4           | 74.9                  | 218,800*             |
|                 | 28              | 72.7           | 74.2                  | 199,400*             |
|                 | 30              | 70.9           | 73.5                  | 182,300*             |
| <b>80</b>       | 32              | 69.2           | 72.7                  | 167,300*             |
|                 | 34              | 67.4           | 71.8                  | 151,800              |
|                 | 36              | 65.6           | 70.9                  | 136,000              |
|                 | 38              | 63.7           | 69.8                  | 122,400              |
|                 | 40              | 61.9           | 68.7                  | 110,700              |
|                 | 42              | 60.0           | 67.5                  | 100,400              |
|                 | 44              | 58.0           | 66.2                  | 91,300               |
|                 | 46              | 56.0           | 64.9                  | 83,200               |
|                 | 48              | 54.0           | 63.4                  | 76,000               |
|                 | 50              | 51.9           | 61.7                  | 69,500               |
| <b>90</b>       | 17              | 83.0           | 87.2                  | 358,200*             |
|                 | 18              | 82.3           | 87.0                  | 336,700*             |
|                 | 19              | 81.5           | 86.9                  | 317,200*             |
|                 | 20              | 80.8           | 86.7                  | 299,600*             |
|                 | 22              | 79.3           | 86.3                  | 268,700*             |
|                 | 24              | 77.9           | 85.8                  | 242,500*             |
|                 | 26              | 76.4           | 85.3                  | 220,100*             |
|                 | 28              | 74.9           | 84.7                  | 200,700*             |
|                 | 30              | 73.4           | 84.1                  | 183,800*             |
|                 | 32              | 71.9           | 83.4                  | 168,800*             |
| <b>100</b>      | 34              | 70.4           | 82.7                  | 154,700              |
|                 | 36              | 68.8           | 81.9                  | 138,700              |
|                 | 38              | 67.3           | 81.0                  | 125,100              |
|                 | 40              | 65.7           | 80.0                  | 113,300              |
|                 | 42              | 64.1           | 79.0                  | 102,900              |
|                 | 44              | 62.4           | 78.0                  | 93,800               |
|                 | 46              | 60.8           | 76.8                  | 85,700               |
|                 | 48              | 59.1           | 75.6                  | 78,400               |
|                 | 50              | 57.4           | 74.3                  | 71,900               |
|                 | 55              | 52.9           | 70.6                  | 58,100               |
| <b>110</b>      | 19              | 82.5           | 97.0                  | 318,100*             |
|                 | 20              | 81.8           | 96.8                  | 300,500*             |
|                 | 22              | 80.5           | 96.5                  | 269,700*             |
|                 | 24              | 79.2           | 96.1                  | 243,600*             |
|                 | 26              | 77.9           | 95.6                  | 221,300*             |
|                 | 28              | 76.6           | 95.1                  | 201,900*             |
|                 | 30              | 75.3           | 94.6                  | 185,000*             |
|                 | 32              | 74.0           | 94.0                  | 170,100*             |
|                 | 34              | 72.6           | 93.3                  | 156,800*             |
|                 | 36              | 71.3           | 92.6                  | 141,000              |
| <b>120</b>      | 38              | 69.9           | 91.8                  | 127,300              |
|                 | 40              | 68.6           | 91.0                  | 115,400              |
|                 | 42              | 67.2           | 90.1                  | 105,000              |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>90</b>       | 44              | 65.8           | 89.2                  | 95,800               |
|                 | 46              | 64.3           | 88.2                  | 87,700               |
|                 | 48              | 62.9           | 87.2                  | 80,400               |
|                 | 50              | 61.4           | 86.0                  | 73,800               |
|                 | 55              | 57.7           | 82.9                  | 60,000               |
|                 | 60              | 53.8           | 79.3                  | 48,900               |
| <b>100</b>      | 20              | 82.7           | 107.0                 | 301,400*             |
|                 | 22              | 81.5           | 106.6                 | 270,600*             |
|                 | 24              | 80.3           | 106.3                 | 244,600*             |
|                 | 26              | 79.2           | 105.9                 | 222,300*             |
|                 | 28              | 78.0           | 105.4                 | 203,000*             |
|                 | 30              | 76.8           | 104.9                 | 186,200*             |
|                 | 32              | 75.6           | 104.4                 | 171,300*             |
|                 | 34              | 74.4           | 103.8                 | 158,100*             |
|                 | 36              | 73.2           | 103.2                 | 142,800              |
|                 | 38              | 72.0           | 102.5                 | 129,000              |
| <b>110</b>      | 40              | 70.8           | 101.8                 | 117,100              |
|                 | 42              | 69.6           | 101.0                 | 106,700              |
|                 | 44              | 68.3           | 100.2                 | 97,500               |
|                 | 46              | 67.1           | 99.3                  | 89,400               |
|                 | 48              | 65.8           | 98.4                  | 82,100               |
|                 | 50              | 64.6           | 97.4                  | 75,500               |
|                 | 55              | 61.3           | 94.7                  | 61,600               |
|                 | 60              | 57.9           | 91.6                  | 50,500               |
|                 | 65              | 54.4           | 88.1                  | 41,400               |
|                 | <b>120</b>      | 22             | 82.3                  | 116.8                |
| 24              |                 | 81.2           | 116.4                 | 245,000*             |
| 26              |                 | 80.2           | 116.1                 | 222,700*             |
| 28              |                 | 79.1           | 115.7                 | 203,500*             |
| 30              |                 | 78.0           | 115.2                 | 186,600*             |
| 32              |                 | 77.0           | 114.7                 | 171,800*             |
| 34              |                 | 75.9           | 114.2                 | 158,600*             |
| 36              |                 | 74.8           | 113.6                 | 144,100              |
| 38              |                 | 73.7           | 113.0                 | 130,300              |
| 40              |                 | 72.6           | 112.4                 | 118,400              |
| <b>130</b>      | 42              | 71.5           | 111.7                 | 107,900              |
|                 | 44              | 70.4           | 110.9                 | 98,700               |
|                 | 46              | 69.3           | 110.2                 | 90,500               |
|                 | 48              | 68.2           | 109.3                 | 83,200               |
|                 | 50              | 67.0           | 108.5                 | 76,600               |
|                 | 55              | 64.1           | 106.1                 | 62,600               |
|                 | 60              | 61.2           | 103.4                 | 51,500               |
|                 | 65              | 58.1           | 100.3                 | 42,400               |
|                 | 70              | 55.0           | 96.8                  | 34,700               |
|                 | 75              | 51.7           | 93.0                  | 28,300               |
| <b>140</b>      | 22              | 82.9           | 126.9                 | 271,300*             |
|                 | 24              | 82.0           | 126.6                 | 245,400*             |
|                 | 26              | 81.0           | 126.2                 | 223,200*             |
|                 | 28              | 80.0           | 125.9                 | 204,000*             |
|                 | 30              | 79.1           | 125.5                 | 187,100*             |
|                 | 32              | 78.1           | 125.0                 | 172,300*             |
|                 | 34              | 77.1           | 124.5                 | 159,100*             |
|                 | 36              | 76.1           | 124.0                 | 145,200              |
|                 | 38              | 75.1           | 123.5                 | 131,400              |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>120</b>      | 40              | 74.1           | 122.9                 | 119,400              |
|                 | 42              | 73.1           | 122.2                 | 109,000              |
|                 | 44              | 72.1           | 121.6                 | 99,700               |
|                 | 46              | 71.1           | 120.9                 | 91,500               |
|                 | 48              | 70.1           | 120.1                 | 84,200               |
|                 | 50              | 69.1           | 119.3                 | 77,500               |
|                 | 55              | 66.5           | 117.2                 | 63,600               |
|                 | 60              | 63.8           | 114.7                 | 52,400               |
| <b>130</b>      | 65              | 61.1           | 112.0                 | 43,200               |
|                 | 70              | 58.3           | 109.0                 | 35,600               |
|                 | 75              | 55.4           | 105.6                 | 29,100               |
|                 | 80              | 52.4           | 101.8                 | 23,600               |
|                 | 24              | 82.6           | 136.7                 | 239,100*             |
|                 | 26              | 81.7           | 136.4                 | 223,700*             |
|                 | 28              | 80.8           | 136.0                 | 204,500*             |
|                 | 30              | 79.9           | 135.7                 | 187,700*             |
|                 | 32              | 79.0           | 135.3                 | 172,900*             |
|                 | 34              | 78.1           | 134.8                 | 159,700*             |
| <b>140</b>      | 36              | 77.2           | 134.3                 | 146,200              |
|                 | 38              | 76.3           | 133.8                 | 132,400              |
|                 | 40              | 75.4           | 133.3                 | 120,400              |
|                 | 42              | 74.5           | 132.7                 | 109,900              |
|                 | 44              | 73.5           | 132.1                 | 100,700              |
|                 | 46              | 72.6           | 131.5                 | 92,400               |
|                 | 48              | 71.7           | 130.8                 | 85,100               |
|                 | 50              | 70.7           | 130.1                 | 78,400               |
|                 | 55              | 68.4           | 128.1                 | 64,500               |
|                 | 60              | 66.0           | 125.9                 | 53,300               |
| <b>150</b>      | 65              | 63.5           | 123.4                 | 44,100               |
|                 | 70              | 61.0           | 120.7                 | 36,500               |
|                 | 75              | 58.4           | 117.6                 | 30,000               |
|                 | 80              | 55.8           | 114.3                 | 24,400               |
|                 | 85              | 53.0           | 110.6                 | 19,600               |
|                 | 26              | 82.3           | 146.5                 | 221,300*             |
|                 | 28              | 81.5           | 146.2                 | 204,600*             |
|                 | 30              | 80.6           | 145.8                 | 187,900*             |
|                 | 32              | 79.8           | 145.5                 | 173,100*             |
|                 | 34              | 79.0           | 145.1                 | 159,900*             |
| 36              | 78.1            | 144.6          | 147,000               |                      |
| <b>160</b>      | 38              | 77.3           | 144.1                 | 133,100              |
|                 | 40              | 76.4           | 143.6                 | 121,100              |
|                 | 42              | 75.6           | 143.1                 | 110,600              |
|                 | 44              | 74.7           | 142.5                 | 101,300              |
|                 | 46              | 73.9           | 141.9                 | 93,100               |
|                 | 48              | 73.0           | 141.3                 | 85,700               |
|                 | 50              | 72.2           | 140.7                 | 79,100               |
|                 | 55              | 70.0           | 138.9                 | 65,100               |
|                 | 60              | 67.8           | 136.8                 | 53,900               |
|                 | 65              | 65.5           | 134.6                 | 44,700               |
| <b>170</b>      | 70              | 63.3           | 132.1                 | 37,000               |
|                 | 75              | 60.9           | 129.3                 | 30,600               |
|                 | 80              | 58.5           | 126.3                 | 25,000               |
|                 | 85              | 56.1           | 123.0                 | 20,200               |
|                 | 90              | 53.5           | 119.3                 | 16,000               |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

888 SERIES 2

**BOOM NO. 22EL**  
**LUFFING JIB NO. 135**  
**179,100 LB. CRANE COUNTERWEIGHT**  
**44,000 LB. CARBODY COUNTERWEIGHT**  
**28'2" CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 160 FT. LUFFING JIB, ATTACHED AT 168 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>150</b>      | 26              | 82.8           | 156.6                 | 198,000*             |
|                 | 28              | 82.0           | 156.3                 | 192,400*             |
|                 | 30              | 81.3           | 156.0                 | 186,900*             |
|                 | 32              | 80.5           | 155.6                 | 172,900*             |
|                 | 34              | 79.7           | 155.3                 | 159,800*             |
|                 | 36              | 78.9           | 154.8                 | 147,600              |
|                 | 38              | 78.2           | 154.4                 | 133,700              |
|                 | 40              | 77.4           | 153.9                 | 121,600              |
|                 | 42              | 76.6           | 153.5                 | 111,100              |
|                 | 44              | 75.8           | 152.9                 | 101,800              |
|                 | 46              | 75.0           | 152.4                 | 93,500               |
|                 | 48              | 74.2           | 151.8                 | 86,100               |
| 50              | 73.4            | 151.2          | 79,500                |                      |
| 55              | 71.4            | 149.5          | 65,400                |                      |
| 60              | 69.4            | 147.6          | 54,200                |                      |
| 65              | 67.3            | 145.6          | 45,000                |                      |
| 70              | 65.2            | 143.3          | 37,300                |                      |
| 75              | 63.0            | 140.8          | 30,800                |                      |
| 80              | 60.9            | 138.0          | 25,200                |                      |
| 85              | 58.6            | 135.0          | 20,400                |                      |
| 90              | 56.3            | 131.7          | 16,200                |                      |
| 95              | 54.0            | 128.1          | 12,400                |                      |
| <b>160</b>      | 28              | 82.5           | 166.4                 | 183,900*             |
|                 | 30              | 81.8           | 166.1                 | 178,700*             |
|                 | 32              | 81.1           | 165.8                 | 172,900*             |
|                 | 34              | 80.4           | 165.4                 | 159,700*             |
|                 | 36              | 79.6           | 165.1                 | 148,000*             |
|                 | 38              | 78.9           | 164.6                 | 134,100              |
|                 | 40              | 78.2           | 164.2                 | 122,000              |
|                 | 42              | 77.4           | 163.7                 | 111,500              |
|                 | 44              | 76.7           | 163.3                 | 102,200              |
|                 | 46              | 76.0           | 162.7                 | 93,900               |
|                 | 48              | 75.2           | 162.2                 | 86,500               |
|                 | 50              | 74.5           | 161.6                 | 79,800               |
| 55              | 72.6            | 160.1          | 65,700                |                      |
| 60              | 70.7            | 158.3          | 54,400                |                      |
| 65              | 68.8            | 156.4          | 45,200                |                      |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>160</b>      | 70              | 66.8           | 154.3                 | 37,500               |
|                 | 75              | 64.9           | 152.0                 | 31,000               |
|                 | 80              | 62.9           | 149.4                 | 25,400               |
|                 | 85              | 60.8           | 146.7                 | 20,600               |
|                 | 90              | 58.7           | 143.6                 | 16,400               |
|                 | 95              | 56.6           | 140.4                 | 12,600               |
| <b>170</b>      | 28              | 83.0           | 176.5                 | 168,800*             |
|                 | 30              | 82.3           | 176.2                 | 164,600*             |
|                 | 32              | 81.6           | 175.9                 | 160,500*             |
|                 | 34              | 80.9           | 175.6                 | 156,500*             |
|                 | 36              | 80.3           | 175.2                 | 148,100*             |
|                 | 38              | 79.6           | 174.9                 | 134,500              |
|                 | 40              | 78.9           | 174.4                 | 122,500              |
|                 | 42              | 78.2           | 174.0                 | 111,900              |
|                 | 44              | 77.5           | 173.6                 | 102,600              |
|                 | 46              | 76.8           | 173.1                 | 94,300               |
|                 | 48              | 76.1           | 172.6                 | 86,800               |
|                 | 50              | 75.4           | 172.0                 | 80,200               |
| 55              | 73.7            | 170.6          | 66,100                |                      |
| 60              | 71.9            | 168.9          | 54,800                |                      |
| 65              | 70.1            | 167.1          | 45,600                |                      |
| 70              | 68.3            | 165.2          | 37,900                |                      |
| 75              | 66.4            | 163.0          | 31,300                |                      |
| 80              | 64.6            | 160.6          | 25,800                |                      |
| 85              | 62.7            | 158.1          | 20,900                |                      |
| 90              | 60.8            | 155.3          | 16,700                |                      |
| 95              | 58.8            | 152.3          | 12,900                |                      |
| <b>180</b>      | 30              | 82.7           | 186.3                 | 155,800*             |
|                 | 32              | 82.1           | 186.0                 | 152,000*             |
|                 | 34              | 81.4           | 185.7                 | 148,200*             |
|                 | 36              | 80.8           | 185.4                 | 144,400*             |
|                 | 38              | 80.2           | 185.0                 | 134,800              |
|                 | 40              | 79.5           | 184.6                 | 122,700              |
|                 | 42              | 78.9           | 184.2                 | 112,100              |
|                 | 44              | 78.2           | 183.8                 | 102,800              |
| 46              | 77.6            | 183.4          | 94,400                |                      |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>180</b>      | 48              | 76.9           | 182.9                 | 87,000               |
|                 | 50              | 76.2           | 182.4                 | 80,300               |
|                 | 55              | 74.6           | 181.0                 | 66,200               |
|                 | 60              | 72.9           | 179.5                 | 54,900               |
|                 | 65              | 71.2           | 177.8                 | 45,700               |
|                 | 70              | 69.5           | 175.9                 | 37,900               |
|                 | 75              | 67.8           | 173.9                 | 31,400               |
|                 | 80              | 66.1           | 171.7                 | 25,800               |
|                 | 85              | 64.3           | 169.3                 | 21,000               |
| 90              | 62.5            | 166.8          | 16,700                |                      |
| 95              | 60.7            | 164.0          | 13,000                |                      |
| <b>190</b>      | 32              | 82.5           | 196.2                 | 118,000*             |
|                 | 34              | 81.9           | 195.9                 | 118,000*             |
|                 | 36              | 81.3           | 195.5                 | 118,000*             |
|                 | 38              | 80.7           | 195.2                 | 118,000*             |
|                 | 40              | 80.1           | 194.8                 | 118,000*             |
|                 | 42              | 79.4           | 194.4                 | 112,900              |
|                 | 44              | 78.8           | 194.0                 | 103,500              |
|                 | 46              | 78.2           | 193.6                 | 95,200               |
|                 | 48              | 77.6           | 193.2                 | 87,800               |
|                 | 50              | 77.0           | 192.7                 | 81,000               |
|                 | 55              | 75.4           | 191.4                 | 66,900               |
|                 | 60              | 73.9           | 189.9                 | 55,600               |
| 65              | 72.3            | 188.4          | 46,300                |                      |
| 70              | 70.7            | 186.6          | 38,500                |                      |
| 75              | 69.1            | 184.7          | 32,000                |                      |
| 80              | 67.4            | 182.7          | 26,400                |                      |
| 85              | 65.8            | 180.4          | 21,500                |                      |
| 90              | 64.1            | 178.0          | 17,300                |                      |
| 95              | 62.4            | 175.4          | 13,500                |                      |
| 100             | 60.7            | 172.6          | 10,200                |                      |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

### 888 SERIES 2

**BOOM NO. 22EL**  
**LUFFING JIB NO. 135**  
**179,100 LB. CRANE COUNTERWEIGHT**  
**44,000 LB. CARBODY COUNTERWEIGHT**  
**28'2" CRAWLERS EXTENDED**  
**360 DEGREE RATING**

### 170 FT. LUFFING JIB, ATTACHED AT 168 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>70</b>       | 16              | 82.8           | 77.2                  | 377,800*             |
|                 | 17              | 82.0           | 77.1                  | 353,800*             |
|                 | 18              | 81.1           | 76.9                  | 332,300*             |
|                 | 19              | 80.3           | 76.7                  | 312,800*             |
|                 | 20              | 79.5           | 76.5                  | 295,100*             |
|                 | 22              | 77.8           | 76.0                  | 264,100*             |
|                 | 24              | 76.1           | 75.5                  | 237,900*             |
|                 | 26              | 74.4           | 74.9                  | 215,500*             |
|                 | 28              | 72.7           | 74.2                  | 196,100*             |
|                 | 30              | 70.9           | 73.5                  | 179,100*             |
| <b>80</b>       | 32              | 69.2           | 72.7                  | 164,100*             |
|                 | 34              | 67.4           | 71.8                  | 148,400              |
|                 | 36              | 65.6           | 70.9                  | 132,700              |
|                 | 38              | 63.7           | 69.8                  | 119,200              |
|                 | 40              | 61.9           | 68.7                  | 107,600              |
|                 | 42              | 60.0           | 67.5                  | 97,300               |
|                 | 44              | 58.0           | 66.2                  | 88,300               |
|                 | 46              | 56.0           | 64.9                  | 80,300               |
|                 | 48              | 54.0           | 63.4                  | 73,100               |
|                 | 50              | 51.9           | 61.7                  | 66,600               |
| <b>90</b>       | 17              | 83.0           | 87.2                  | 354,800*             |
|                 | 18              | 82.3           | 87.0                  | 333,300*             |
|                 | 19              | 81.5           | 86.9                  | 313,900*             |
|                 | 20              | 80.8           | 86.7                  | 296,300*             |
|                 | 22              | 79.3           | 86.3                  | 265,400*             |
|                 | 24              | 77.9           | 85.8                  | 239,300*             |
|                 | 26              | 76.4           | 85.3                  | 217,000*             |
|                 | 28              | 74.9           | 84.7                  | 197,600*             |
|                 | 30              | 73.4           | 84.1                  | 180,700*             |
|                 | 32              | 71.9           | 83.4                  | 165,800*             |
| <b>100</b>      | 34              | 70.4           | 82.7                  | 151,500              |
|                 | 36              | 68.8           | 81.9                  | 135,700              |
|                 | 38              | 67.3           | 81.0                  | 122,100              |
|                 | 40              | 65.7           | 80.0                  | 110,400              |
|                 | 42              | 64.1           | 79.0                  | 100,100              |
|                 | 44              | 62.4           | 78.0                  | 91,000               |
|                 | 46              | 60.8           | 76.8                  | 83,000               |
|                 | 48              | 59.1           | 75.6                  | 75,800               |
|                 | 50              | 57.4           | 74.3                  | 69,300               |
|                 | 55              | 52.9           | 70.6                  | 55,500               |
| <b>110</b>      | 19              | 82.5           | 97.0                  | 314,900*             |
|                 | 20              | 81.8           | 96.8                  | 297,300*             |
|                 | 22              | 80.5           | 96.5                  | 266,600*             |
|                 | 24              | 79.2           | 96.1                  | 240,500*             |
|                 | 26              | 77.9           | 95.6                  | 218,300*             |
|                 | 28              | 76.6           | 95.1                  | 199,000*             |
|                 | 30              | 75.3           | 94.6                  | 182,100*             |
|                 | 32              | 74.0           | 94.0                  | 167,200*             |
|                 | 34              | 72.6           | 93.3                  | 154,000              |
|                 | 36              | 71.3           | 92.6                  | 138,100              |
| <b>120</b>      | 38              | 69.9           | 91.8                  | 124,500              |
|                 | 40              | 68.6           | 91.0                  | 112,700              |
|                 | 42              | 67.2           | 90.1                  | 102,300              |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>90</b>       | 44              | 65.8           | 89.2                  | 93,200               |
|                 | 46              | 64.3           | 88.2                  | 85,100               |
|                 | 48              | 62.9           | 87.2                  | 77,900               |
|                 | 50              | 61.4           | 86.0                  | 71,400               |
|                 | 55              | 57.7           | 82.9                  | 57,600               |
|                 | 60              | 53.8           | 79.3                  | 46,600               |
| <b>100</b>      | 20              | 82.7           | 107.0                 | 298,300*             |
|                 | 22              | 81.5           | 106.6                 | 267,600*             |
|                 | 24              | 80.3           | 106.3                 | 241,700*             |
|                 | 26              | 79.2           | 105.9                 | 219,500*             |
|                 | 28              | 78.0           | 105.4                 | 200,200*             |
|                 | 30              | 76.8           | 104.9                 | 183,400*             |
|                 | 32              | 75.6           | 104.4                 | 168,500*             |
|                 | 34              | 74.4           | 103.8                 | 155,400*             |
|                 | 36              | 73.2           | 103.2                 | 140,000              |
|                 | 38              | 72.0           | 102.5                 | 126,400              |
| <b>110</b>      | 40              | 70.8           | 101.8                 | 114,600              |
|                 | 42              | 69.6           | 101.0                 | 104,200              |
|                 | 44              | 68.3           | 100.2                 | 95,100               |
|                 | 46              | 67.1           | 99.3                  | 87,000               |
|                 | 48              | 65.8           | 98.4                  | 79,700               |
|                 | 50              | 64.6           | 97.4                  | 73,200               |
|                 | 55              | 61.3           | 94.7                  | 59,400               |
|                 | 60              | 57.9           | 91.6                  | 48,300               |
|                 | 65              | 54.4           | 88.1                  | 39,300               |
|                 | <b>120</b>      | 22             | 82.3                  | 116.8                |
| 24              |                 | 81.2           | 116.4                 | 242,100*             |
| 26              |                 | 80.2           | 116.1                 | 220,000*             |
| 28              |                 | 79.1           | 115.7                 | 200,800*             |
| 30              |                 | 78.0           | 115.2                 | 184,000*             |
| 32              |                 | 77.0           | 114.7                 | 169,100*             |
| 34              |                 | 75.9           | 114.2                 | 156,000*             |
| 36              |                 | 74.8           | 113.6                 | 141,500              |
| 38              |                 | 73.7           | 113.0                 | 127,800              |
| 40              |                 | 72.6           | 112.4                 | 115,900              |
| <b>130</b>      | 42              | 71.5           | 111.7                 | 105,500              |
|                 | 44              | 70.4           | 110.9                 | 96,400               |
|                 | 46              | 69.3           | 110.2                 | 88,200               |
|                 | 48              | 68.2           | 109.3                 | 80,900               |
|                 | 50              | 67.0           | 108.5                 | 74,400               |
|                 | 55              | 64.1           | 106.1                 | 60,500               |
|                 | 60              | 61.2           | 103.4                 | 49,400               |
|                 | 65              | 58.1           | 100.3                 | 40,300               |
|                 | 70              | 55.0           | 96.8                  | 32,800               |
|                 | 75              | 51.7           | 93.0                  | 26,400               |
| <b>140</b>      | 22              | 82.9           | 126.9                 | 268,500*             |
|                 | 24              | 82.0           | 126.6                 | 242,600*             |
|                 | 26              | 81.0           | 126.2                 | 220,500*             |
|                 | 28              | 80.0           | 125.9                 | 201,300*             |
|                 | 30              | 79.1           | 125.5                 | 184,500*             |
|                 | 32              | 78.1           | 125.0                 | 169,700*             |
|                 | 34              | 77.1           | 124.5                 | 156,600*             |
|                 | 36              | 76.1           | 124.0                 | 142,700              |
|                 | 38              | 75.1           | 123.5                 | 128,900              |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>120</b>      | 40              | 74.1           | 122.9                 | 117,000              |
|                 | 42              | 73.1           | 122.2                 | 106,600              |
|                 | 44              | 72.1           | 121.6                 | 97,500               |
|                 | 46              | 71.1           | 120.9                 | 89,300               |
|                 | 48              | 70.1           | 120.1                 | 82,000               |
|                 | 50              | 69.1           | 119.3                 | 75,400               |
|                 | 55              | 66.5           | 117.2                 | 61,500               |
|                 | 60              | 63.8           | 114.7                 | 50,400               |
| <b>130</b>      | 65              | 61.1           | 112.0                 | 41,300               |
|                 | 70              | 58.3           | 109.0                 | 33,700               |
|                 | 75              | 55.4           | 105.6                 | 27,300               |
|                 | 80              | 52.4           | 101.8                 | 21,800               |
|                 | 24              | 82.6           | 136.7                 | 236,300*             |
|                 | 26              | 81.7           | 136.4                 | 221,000*             |
|                 | 28              | 80.8           | 136.0                 | 201,900*             |
|                 | 30              | 79.9           | 135.7                 | 185,100*             |
|                 | 32              | 79.0           | 135.3                 | 170,400*             |
|                 | 34              | 78.1           | 134.8                 | 157,200*             |
| <b>140</b>      | 36              | 77.2           | 134.3                 | 143,800              |
|                 | 38              | 76.3           | 133.8                 | 130,000              |
|                 | 40              | 75.4           | 133.3                 | 118,100              |
|                 | 42              | 74.5           | 132.7                 | 107,700              |
|                 | 44              | 73.5           | 132.1                 | 98,500               |
|                 | 46              | 72.6           | 131.5                 | 90,300               |
|                 | 48              | 71.7           | 130.8                 | 83,000               |
|                 | 50              | 70.7           | 130.1                 | 76,400               |
|                 | 55              | 68.4           | 128.1                 | 62,500               |
|                 | 60              | 66.0           | 125.9                 | 51,400               |
| <b>150</b>      | 65              | 63.5           | 123.4                 | 42,300               |
|                 | 70              | 61.0           | 120.7                 | 34,700               |
|                 | 75              | 58.4           | 117.6                 | 28,200               |
|                 | 80              | 55.8           | 114.3                 | 22,700               |
|                 | 85              | 53.0           | 110.6                 | 17,900               |
|                 | 26              | 82.3           | 146.5                 | 218,500*             |
|                 | 28              | 81.5           | 146.2                 | 202,100*             |
|                 | 30              | 80.6           | 145.8                 | 185,400*             |
|                 | 32              | 79.8           | 145.5                 | 170,700*             |
|                 | 34              | 79.0           | 145.1                 | 157,600*             |
| 36              | 78.1            | 144.6          | 144,600               |                      |
| <b>160</b>      | 38              | 77.3           | 144.1                 | 130,800              |
|                 | 40              | 76.4           | 143.6                 | 118,900              |
|                 | 42              | 75.6           | 143.1                 | 108,400              |
|                 | 44              | 74.7           | 142.5                 | 99,200               |
|                 | 46              | 73.9           | 141.9                 | 91,000               |
|                 | 48              | 73.0           | 141.3                 | 83,700               |
|                 | 50              | 72.2           | 140.7                 | 77,100               |
|                 | 55              | 70.0           | 138.9                 | 63,200               |
|                 | 60              | 67.8           | 136.8                 | 52,000               |
|                 | 65              | 65.5           | 134.6                 | 42,900               |
| <b>170</b>      | 70              | 63.3           | 132.1                 | 35,300               |
|                 | 75              | 60.9           | 129.3                 | 28,900               |
|                 | 80              | 58.5           | 126.3                 | 23,300               |
|                 | 85              | 56.1           | 123.0                 | 18,600               |
|                 | 90              | 53.5           | 119.3                 | 14,400               |

# MANITOWOC ENGINEERING CO.

Division of the Manitowoc Company, Inc. Manitowoc, Wisconsin 54220



## LIFT CRANE BOOM CAPACITIES WITH LUFFING JIB ATTACHED

MEETS  
ANSI B30.5  
REQUIREMENTS

### 888 SERIES 2

**BOOM NO. 22EL**  
**LUFFING JIB NO. 135**  
**179,100 LB. CRANE COUNTERWEIGHT**  
**44,000 LB. CARBODY COUNTERWEIGHT**  
**28'2" CRAWLERS EXTENDED**  
**360 DEGREE RATING**

#### 170 FT. LUFFING JIB, ATTACHED AT 168 DEGREE BOOM TO LUFFING JIB ANGLE

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>150</b>      | 26              | 82.8           | 156.6                 | 195,400*             |
|                 | 28              | 82.0           | 156.3                 | 189,800*             |
|                 | 30              | 81.3           | 156.0                 | 184,200*             |
|                 | 32              | 80.5           | 155.6                 | 170,600*             |
|                 | 34              | 79.7           | 155.3                 | 157,500*             |
|                 | 36              | 78.9           | 154.8                 | 145,300              |
|                 | 38              | 78.2           | 154.4                 | 131,500              |
|                 | 40              | 77.4           | 153.9                 | 119,500              |
|                 | 42              | 76.6           | 153.5                 | 109,000              |
|                 | 44              | 75.8           | 152.9                 | 99,800               |
|                 | 46              | 75.0           | 152.4                 | 91,500               |
|                 | 48              | 74.2           | 151.8                 | 84,200               |
| 50              | 73.4            | 151.2          | 77,600                |                      |
| 55              | 71.4            | 149.5          | 63,600                |                      |
| 60              | 69.4            | 147.6          | 52,400                |                      |
| 65              | 67.3            | 145.6          | 43,200                |                      |
| 70              | 65.2            | 143.3          | 35,600                |                      |
| 75              | 63.0            | 140.8          | 29,200                |                      |
| 80              | 60.9            | 138.0          | 23,600                |                      |
| 85              | 58.6            | 135.0          | 18,800                |                      |
| 90              | 56.3            | 131.7          | 14,600                |                      |
| 95              | 54.0            | 128.1          | 10,900                |                      |
| <b>160</b>      | 28              | 82.5           | 166.4                 | 181,200*             |
|                 | 30              | 81.8           | 166.1                 | 176,000*             |
|                 | 32              | 81.1           | 165.8                 | 170,500*             |
|                 | 34              | 80.4           | 165.4                 | 157,500*             |
|                 | 36              | 79.6           | 165.1                 | 145,800*             |
|                 | 38              | 78.9           | 164.6                 | 131,900              |
|                 | 40              | 78.2           | 164.2                 | 119,900              |
|                 | 42              | 77.4           | 163.7                 | 109,400              |
|                 | 44              | 76.7           | 163.3                 | 100,200              |
|                 | 46              | 76.0           | 162.7                 | 91,900               |
|                 | 48              | 75.2           | 162.2                 | 84,600               |
|                 | 50              | 74.5           | 161.6                 | 77,900               |
| 55              | 72.6            | 160.1          | 63,900                |                      |
| 60              | 70.7            | 158.3          | 52,700                |                      |
| 65              | 68.8            | 156.4          | 43,500                |                      |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>160</b>      | 70              | 66.8           | 154.3                 | 35,900               |
|                 | 75              | 64.9           | 152.0                 | 29,400               |
|                 | 80              | 62.9           | 149.4                 | 23,900               |
|                 | 85              | 60.8           | 146.7                 | 19,100               |
|                 | 90              | 58.7           | 143.6                 | 14,900               |
|                 | 95              | 56.6           | 140.4                 | 11,200               |
| <b>170</b>      | 28              | 83.0           | 176.5                 | 166,300*             |
|                 | 30              | 82.3           | 176.2                 | 162,100*             |
|                 | 32              | 81.6           | 175.9                 | 158,000*             |
|                 | 34              | 80.9           | 175.6                 | 153,900*             |
|                 | 36              | 80.3           | 175.2                 | 145,900*             |
|                 | 38              | 79.6           | 174.9                 | 132,400              |
|                 | 40              | 78.9           | 174.4                 | 120,400              |
|                 | 42              | 78.2           | 174.0                 | 109,900              |
|                 | 44              | 77.5           | 173.6                 | 100,600              |
|                 | 46              | 76.8           | 173.1                 | 92,400               |
|                 | 48              | 76.1           | 172.6                 | 85,000               |
|                 | 50              | 75.4           | 172.0                 | 78,300               |
| 55              | 73.7            | 170.6          | 64,300                |                      |
| 60              | 71.9            | 168.9          | 53,100                |                      |
| 65              | 70.1            | 167.1          | 43,900                |                      |
| 70              | 68.3            | 165.2          | 36,300                |                      |
| 75              | 66.4            | 163.0          | 29,800                |                      |
| 80              | 64.6            | 160.6          | 24,200                |                      |
| 85              | 62.7            | 158.1          | 19,400                |                      |
| 90              | 60.8            | 155.3          | 15,200                |                      |
| 95              | 58.8            | 152.3          | 11,500                |                      |
| <b>180</b>      | 30              | 82.7           | 186.3                 | 153,300*             |
|                 | 32              | 82.1           | 186.0                 | 149,400*             |
|                 | 34              | 81.4           | 185.7                 | 145,600*             |
|                 | 36              | 80.8           | 185.4                 | 141,800*             |
|                 | 38              | 80.2           | 185.0                 | 132,700              |
|                 | 40              | 79.5           | 184.6                 | 120,700              |
|                 | 42              | 78.9           | 184.2                 | 110,100              |
|                 | 44              | 78.2           | 183.8                 | 100,800              |
| 46              | 77.6            | 183.4          | 92,600                |                      |

| BOOM LGTH. FEET | OPER. RAD. FEET | BOOM ANG. DEG. | BOOM POINT ELEV. FEET | BOOM CAPACITY POUNDS |
|-----------------|-----------------|----------------|-----------------------|----------------------|
| <b>180</b>      | 48              | 76.9           | 182.9                 | 85,200               |
|                 | 50              | 76.2           | 182.4                 | 78,500               |
|                 | 55              | 74.6           | 181.0                 | 64,500               |
|                 | 60              | 72.9           | 179.5                 | 53,300               |
|                 | 65              | 71.2           | 177.8                 | 44,100               |
|                 | 70              | 69.5           | 175.9                 | 36,400               |
|                 | 75              | 67.8           | 173.9                 | 29,900               |
|                 | 80              | 66.1           | 171.7                 | 24,400               |
|                 | 85              | 64.3           | 169.3                 | 19,500               |
|                 | 90              | 62.5           | 166.8                 | 15,300               |
| 95              | 60.7            | 164.0          | 11,600                |                      |
| <b>190</b>      | 32              | 82.5           | 196.2                 | 118,000*             |
|                 | 34              | 81.9           | 195.9                 | 118,000*             |
|                 | 36              | 81.3           | 195.5                 | 118,000*             |
|                 | 38              | 80.7           | 195.2                 | 118,000*             |
|                 | 40              | 80.1           | 194.8                 | 118,000*             |
|                 | 42              | 79.4           | 194.4                 | 111,000              |
|                 | 44              | 78.8           | 194.0                 | 101,700              |
|                 | 46              | 78.2           | 193.6                 | 93,400               |
|                 | 48              | 77.6           | 193.2                 | 86,000               |
|                 | 50              | 77.0           | 192.7                 | 79,300               |
|                 | 55              | 75.4           | 191.4                 | 65,200               |
|                 | 60              | 73.9           | 189.9                 | 53,900               |
| 65              | 72.3            | 188.4          | 44,700                |                      |
| 70              | 70.7            | 186.6          | 37,000                |                      |
| 75              | 69.1            | 184.7          | 30,500                |                      |
| 80              | 67.4            | 182.7          | 25,000                |                      |
| 85              | 65.8            | 180.4          | 20,100                |                      |
| 90              | 64.1            | 178.0          | 15,900                |                      |
| 95              | 62.4            | 175.4          | 12,100                |                      |