

# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

JIB NO. 134 WITH 3 810 mm STRUT ON

BOOM NO. 22EL

81 240 kg CRANE COUNTERWEIGHT

19 960 kg CARBODY COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

360 DEGREE RATING

CHART SUPPLEMENTS BOOM CAPACITY CHART NO. 7853-AM. CAPACITIES FOR VARIOUS BOOM LENGTHS, JIB LENGTHS AND JIB OPERATING RADIUS ARE FOR FREELY SUSPENDED LOADS AND ARE CALCULATED TO COMPLY WITH DIN 15018, ISO 4305, AND EN; 2022 STANDARDS AND INCLUDE FACTORS BASED ON 4.5 DEGREE MINIMUM TIPPING ANGLE. CAPACITIES BASED ON STRUCTURAL COMPETENCE ARE DENOTED BY AN ASTERISK (\*).

76.2m THRU 88.4m 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. 177153, JIB ASSEMBLY NO. 177062, AND WIRE ROPE SPECIFICATION CHART NO. 7859-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.

MACHINE MAY BE OPERATED IN WINDS UP TO 10 m/s PROVIDED CRANE OPERATOR JUDGMENT IS USED TO ALLOW FOR WIND EFFECT ON LIFTED LOAD AND OTHER CONSIDERATIONS NOTED ON CAPACITY CHART ARE FOLLOWED. A SURFACE AREA OF 1.2 m<sup>2</sup>/t OF RATED LOAD HAS BEEN INCLUDED IN CAPACITY DETERMINATION. WIND WILL HAVE A CONSIDERABLE EFFECT ON A LOAD. LOADS WITH A SURFACE AREA GREATER THAN 1.2 m<sup>2</sup>/t OF RATED LOAD MUST BE COMPENSATED FOR ACCORDINGLY BY REDUCING LOAD RATINGS, REDUCING OPERATING SPEEDS OR BY A COMBINATION OF BOTH. RECOMMEND STOPPING OPERATION AND LOWERING BOOM AND JIB TO APPROXIMATELY 70 DEGREE BOOM ANGLE WHEN WIND EXCEEDS 10 m/s. LOWER BOOM AND JIB TO GROUND WHEN WIND IS ABOVE 22 m/s.

MACHINE TO TRAVEL ON A FIRM, LEVEL AND UNIFORMLY SUPPORTING SURFACE AND BOOM WITHIN BOOM ANGLE RANGE SHOWN IN CAPACITY CHART.

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 8 585 mm EXTENDIBLE CRAWLERS, 1 219 mm TREADS, 3 124 mm RETRACTABLE GANTRY, 9 144 mm MAST, 20 PART BOOM HOIST REEVING, FOUR 35 mm BOOM PENDANTS, 81 240 kg CRANE COUNTERWEIGHT AND 19 960 kg CARBODY COUNTERWEIGHT.

MAXIMUM CAPACITY ON 26 mm WIRE ROPE IS 13 380 kg PER LINE WITH ROTATION RESISTANT WIRE ROPE OR 13 290 kg WITH NOT NON-TWISTING WIRE ROPE (9 070 kg WHEN AUXILIARY DRUM IS USED WITH EITHER WIRE ROPE).

| 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. | BOOM LENGTH                      | JIB NO. | BOOM LENGTH                       | JIB NO. | BOOM LENGTH                        | JIB NO. |
| (a) 88.4m                                      | ---     | (a) 85.3m                        | ---     | (a) 79.2m                         | ---     | 70.1m                              | ---     |
| 85.3m  | ---     | 82.3m                            | ---     | 76.2m                             | ---     | 67.1m                              | 9.1m    |
| 82.3m  | ---     | 79.2m                            | 12.2m   | 73.2m                             | ---     | 64.0m                              | 18.3m   |
| 79.2m  | 15.2m   | 76.2m                            | 21.3m   | 70.1m                             | 15.2m   | 61.0m                              | 24.4m   |
| 76.2m  | 24.4m   | 73.2m                            | 24.4m   | 67.1m                             | 24.4m   |                                    |         |

LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START. (a) UPPER BOOM POINT CANNOT BE USED ON 88.4m BOOM AND CANNOT BE LIFTED OVER REAR OF BLOCKED CRAWLERS ON 85.3m BOOM OR SIDE OF EXTENDED CRAWLERS ON 79.2m BOOM.

### 9.1m (30 FT.) JIB

| BOOM LGTH.<br>METERS | BOOM LGTH.<br>FEET | JIB OPER.<br>RADIUS<br>METERS | 5 DEGREE OFFSET |                    |                        | 15 DEGREE OFFSET |                    |                        | 25 DEGREE OFFSET |                    |                        | JIB OPER.<br>RADIUS<br>METERS |
|----------------------|--------------------|-------------------------------|-----------------|--------------------|------------------------|------------------|--------------------|------------------------|------------------|--------------------|------------------------|-------------------------------|
|                      |                    |                               | BOOM ANG. DEG.  | POINT ELEV. METERS | JIB CAPACITY KILOGRAMS | BOOM ANG. DEG.   | POINT ELEV. METERS | JIB CAPACITY KILOGRAMS | BOOM ANG. DEG.   | POINT ELEV. METERS | JIB CAPACITY KILOGRAMS |                               |
| <b>27.4</b>          | <b>90</b>          | 9.1                           | 79.2            | 38.2               | 26 700*                |                  |                    |                        |                  |                    |                        | 9.1                           |
|                      |                    | 10.0                          | 77.8            | 38.0               | 26 700*                |                  |                    |                        |                  |                    |                        | 10.0                          |
|                      |                    | 12.0                          | 74.6            | 37.5               | 26 700*                |                  |                    |                        |                  |                    |                        | 12.0                          |
|                      |                    | 14.0                          | 71.3            | 36.8               | 26 700*                | 77.1             | 37.3               | 22 800*                |                  |                    |                        | 14.0                          |
|                      |                    | 16.0                          | 67.9            | 36.1               | 26 700*                | 73.7             | 36.6               | 20 600*                | 76.2             | 36.1               | 13 000*                | 16.0                          |
|                      |                    | 18.0                          | 64.4            | 35.1               | 26 400*                | 70.3             | 35.8               | 18 800*                | 72.8             | 35.3               | 12 100*                | 18.0                          |
|                      |                    | 20.0                          | 60.9            | 34.0               | 24 300*                | 66.9             | 34.9               | 17 200*                | 69.2             | 34.3               | 11 300*                | 20.0                          |
|                      |                    | 22.0                          | 57.2            | 32.8               | 22 100*                | 63.3             | 33.8               | 15 900*                | 65.6             | 33.2               | 10 700*                | 22.0                          |
|                      |                    | 24.0                          | 53.3            | 31.3               | 20 200*                | 59.5             | 32.5               | 14 800*                | 61.8             | 31.9               | 10 200*                | 24.0                          |
|                      |                    | 26.0                          | 49.2            | 29.6               | 18 700*                | 55.6             | 31.0               | 13 900*                | 57.8             | 30.4               | 9 700*                 | 26.0                          |
|                      |                    | 28.0                          | 44.8            | 27.7               | 17 300*                | 51.5             | 29.3               | 13 100*                | 53.5             | 28.7               | 9 200*                 | 28.0                          |
|                      |                    | 32.0                          | 34.8            | 22.7               | 15 200*                | 47.1             | 27.4               | 12 400*                | 49.0             | 26.6               | 8 900*                 | 32.0                          |

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### 9.1m (30 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| <b>30.5</b>       | <b>100</b>      | 9.1                     | 80.1            | 41.4                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 9.1                     |
|                   |                 | 10.0                    | 78.8            | 41.2                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 10.0                    |
|                   |                 | 12.0                    | 75.8            | 40.7                   | 26 700*                 | 78.1             | 40.4                   | 23 700*                 |                  |                        |                         | 12.0                    |
|                   |                 | 14.0                    | 72.8            | 40.1                   | 26 700*                 | 75.1             | 39.8                   | 21 400*                 | 77.4             | 39.3                   | 13 300*                 | 14.0                    |
|                   |                 | 16.0                    | 69.7            | 39.3                   | 26 700*                 | 72.0             | 39.1                   | 19 600*                 | 74.2             | 38.6                   | 12 500*                 | 16.0                    |
|                   |                 | 18.0                    | 66.5            | 38.5                   | 26 700*                 | 68.8             | 38.2                   | 18 000*                 | 71.0             | 37.7                   | 11 700*                 | 18.0                    |
|                   |                 | 20.0                    | 63.3            | 37.5                   | 26 100*                 | 65.5             | 37.3                   | 16 700*                 | 67.7             | 36.7                   | 11 100*                 | 20.0                    |
|                   |                 | 22.0                    | 60.0            | 36.4                   | 23 800*                 | 62.2             | 36.1                   | 15 600*                 | 64.3             | 35.5                   | 10 500*                 | 22.0                    |
|                   |                 | 24.0                    | 56.5            | 35.1                   | 21 800*                 | 58.7             | 34.8                   | 14 600*                 | 60.8             | 34.2                   | 10 000*                 | 24.0                    |
|                   |                 | 26.0                    | 53.0            | 33.6                   | 20 100*                 | 55.1             | 33.3                   | 13 800*                 | 57.1             | 32.7                   | 9 600*                  | 26.0                    |
|                   |                 | 28.0                    | 49.2            | 31.9                   | 18 700*                 | 51.3             | 31.6                   | 13 000*                 | 53.2             | 30.9                   | 9 200*                  | 28.0                    |
|                   |                 | 32.0                    | 40.8            | 27.8                   | 16 400*                 | 42.8             | 27.4                   | 11 800*                 | 44.5             | 26.6                   | 8 600*                  | 32.0                    |
| 36.0              | 30.6            | 22.0                    | 14 600*         | 32.5                   | 21.5                    | 10 900*          |                        |                         |                  | 36.0                   |                         |                         |
| <b>33.5</b>       | <b>110</b>      | 9.1                     | 80.8            | 44.5                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 9.1                     |
|                   |                 | 10.0                    | 79.6            | 44.3                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 10.0                    |
|                   |                 | 12.0                    | 76.8            | 43.8                   | 26 700*                 | 79.0             | 43.6                   | 24 500*                 |                  |                        |                         | 12.0                    |
|                   |                 | 14.0                    | 74.0            | 43.3                   | 26 700*                 | 76.2             | 43.0                   | 22 200*                 | 78.3             | 42.5                   | 13 700*                 | 14.0                    |
|                   |                 | 16.0                    | 71.2            | 42.6                   | 26 700*                 | 73.3             | 42.4                   | 20 400*                 | 75.4             | 41.8                   | 12 800*                 | 16.0                    |
|                   |                 | 18.0                    | 68.3            | 41.8                   | 26 700*                 | 70.4             | 41.6                   | 18 800*                 | 72.5             | 41.0                   | 12 100*                 | 18.0                    |
|                   |                 | 20.0                    | 65.4            | 40.9                   | 26 600*                 | 67.5             | 40.7                   | 17 500*                 | 69.5             | 40.1                   | 11 400*                 | 20.0                    |
|                   |                 | 22.0                    | 62.4            | 39.9                   | 25 500*                 | 64.4             | 39.6                   | 16 300*                 | 66.4             | 39.0                   | 10 800*                 | 22.0                    |
|                   |                 | 24.0                    | 59.2            | 38.7                   | 23 300*                 | 61.3             | 38.5                   | 15 300*                 | 63.2             | 37.8                   | 10 400*                 | 24.0                    |
|                   |                 | 26.0                    | 56.0            | 37.4                   | 21 600*                 | 58.0             | 37.1                   | 14 500*                 | 59.9             | 36.5                   | 9 900*                  | 26.0                    |
|                   |                 | 28.0                    | 52.7            | 35.9                   | 20 000*                 | 54.7             | 35.6                   | 13 700*                 | 56.5             | 35.0                   | 9 500*                  | 28.0                    |
|                   |                 | 32.0                    | 45.5            | 32.3                   | 17 600*                 | 47.4             | 32.0                   | 12 400*                 | 49.0             | 31.2                   | 8 900*                  | 32.0                    |
| 36.0              | 37.1            | 27.6                    | 15 500          | 38.9                   | 27.2                    | 11 400*          |                        |                         |                  | 36.0                   |                         |                         |
| 40.0              | 26.6            | 20.9                    | 13 000          |                        |                         |                  |                        |                         |                  | 40.0                   |                         |                         |
| <b>36.6</b>       | <b>120</b>      | 10.7                    | 79.4            | 47.2                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 10.7                    |
|                   |                 | 12.0                    | 77.7            | 47.0                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 12.0                    |
|                   |                 | 14.0                    | 75.1            | 46.4                   | 26 700*                 | 77.1             | 46.2                   | 23 000*                 | 79.1             | 45.7                   | 13 900*                 | 14.0                    |
|                   |                 | 16.0                    | 72.5            | 45.8                   | 26 700*                 | 74.5             | 45.6                   | 21 100*                 | 76.5             | 45.0                   | 13 100*                 | 16.0                    |
|                   |                 | 18.0                    | 69.8            | 45.1                   | 26 700*                 | 71.8             | 44.9                   | 19 500*                 | 73.7             | 44.3                   | 12 400*                 | 18.0                    |
|                   |                 | 20.0                    | 67.1            | 44.3                   | 26 700*                 | 69.1             | 44.0                   | 18 200*                 | 71.0             | 43.4                   | 11 700*                 | 20.0                    |
|                   |                 | 22.0                    | 64.4            | 43.3                   | 26 400*                 | 66.3             | 43.1                   | 17 000*                 | 68.1             | 42.5                   | 11 200*                 | 22.0                    |
|                   |                 | 24.0                    | 61.5            | 42.3                   | 24 900*                 | 63.4             | 42.0                   | 16 000*                 | 65.2             | 41.4                   | 10 700*                 | 24.0                    |
|                   |                 | 26.0                    | 58.6            | 41.1                   | 22 900*                 | 60.5             | 40.8                   | 15 100*                 | 62.3             | 40.2                   | 10 200*                 | 26.0                    |
|                   |                 | 28.0                    | 55.6            | 39.7                   | 21 300*                 | 57.4             | 39.4                   | 14 300*                 | 59.2             | 38.8                   | 9 800*                  | 28.0                    |
|                   |                 | 32.0                    | 49.2            | 36.5                   | 18 600                  | 51.0             | 36.2                   | 13 000*                 | 52.6             | 35.5                   | 9 200*                  | 32.0                    |
|                   |                 | 36.0                    | 42.0            | 32.5                   | 15 300                  | 43.8             | 32.1                   | 12 000*                 | 45.2             | 31.3                   | 8 600*                  | 36.0                    |
| 40.0              | 33.7            | 27.2                    | 12 800          | 35.3                   | 26.7                    | 11 100*          |                        |                         |                  | 40.0                   |                         |                         |
| 44.0              | 22.7            | 19.4                    | 10 700          |                        |                         |                  |                        |                         |                  | 44.0                   |                         |                         |
| <b>39.6</b>       | <b>130</b>      | 10.7                    | 80.1            | 50.4                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 10.7                    |
|                   |                 | 12.0                    | 78.5            | 50.1                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 12.0                    |
|                   |                 | 14.0                    | 76.1            | 49.6                   | 26 700*                 | 78.0             | 49.4                   | 23 700*                 | 79.8             | 48.8                   | 14 200*                 | 14.0                    |
|                   |                 | 16.0                    | 73.6            | 49.0                   | 26 700*                 | 75.5             | 48.8                   | 21 800*                 | 77.4             | 48.2                   | 13 300*                 | 16.0                    |
|                   |                 | 18.0                    | 71.2            | 48.4                   | 26 700*                 | 73.0             | 48.1                   | 20 200*                 | 74.8             | 47.5                   | 12 600*                 | 18.0                    |
|                   |                 | 20.0                    | 68.6            | 47.6                   | 26 700*                 | 70.5             | 47.3                   | 18 900*                 | 72.3             | 46.8                   | 12 000*                 | 20.0                    |
|                   |                 | 22.0                    | 66.1            | 46.7                   | 26 600*                 | 67.9             | 46.5                   | 17 700*                 | 69.7             | 45.9                   | 11 500*                 | 22.0                    |
|                   |                 | 24.0                    | 63.5            | 45.7                   | 26 100*                 | 65.3             | 45.5                   | 16 700*                 | 67.0             | 44.9                   | 11 000*                 | 24.0                    |
|                   |                 | 26.0                    | 60.8            | 44.6                   | 24 300*                 | 62.6             | 44.4                   | 15 700*                 | 64.2             | 43.7                   | 10 500*                 | 26.0                    |
|                   |                 | 28.0                    | 58.0            | 43.4                   | 22 500                  | 59.8             | 43.1                   | 14 900*                 | 61.4             | 42.5                   | 10 100*                 | 28.0                    |
|                   |                 | 32.0                    | 52.2            | 40.5                   | 18 300                  | 53.9             | 40.2                   | 13 600*                 | 55.5             | 39.5                   | 9 400*                  | 32.0                    |
|                   |                 | 36.0                    | 45.9            | 37.0                   | 15 100                  | 47.6             | 36.6                   | 12 500*                 | 49.0             | 35.8                   | 8 900*                  | 36.0                    |
| 40.0              | 38.8            | 32.4                    | 12 600          | 40.4                   | 32.0                    | 11 600*          |                        |                         |                  | 40.0                   |                         |                         |
| 44.0              | 30.3            | 26.4                    | 10 600          | 31.8                   | 25.9                    | 10 700           |                        |                         |                  | 44.0                   |                         |                         |



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**9.1m (30 FT.) JIB**

| BOOM LGTH. METERS    | BOOM LGTH. FEET      | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|----------------------|----------------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                      |                      |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| <b>4<br/>2<br/>7</b> | <b>1<br/>4<br/>0</b> | 10.7                    | 80.6            | 53.5                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 10.7                    |
|                      |                      | 12.0                    | 79.2            | 53.2                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 12.0                    |
|                      |                      | 14.0                    | 76.9            | 52.8                   | 26 700*                 | 78.7             | 52.5                   | 24 300*                 | 80.5             | 51.9                   | 14 400*                 | 14.0                    |
|                      |                      | 16.0                    | 74.6            | 52.2                   | 26 700*                 | 76.4             | 52.0                   | 22 400*                 | 78.1             | 51.4                   | 13 600*                 | 16.0                    |
|                      |                      | 18.0                    | 72.3            | 51.6                   | 26 700*                 | 74.1             | 51.3                   | 20 800*                 | 75.8             | 50.8                   | 12 900*                 | 18.0                    |
|                      |                      | 20.0                    | 70.0            | 50.9                   | 26 700*                 | 71.7             | 50.6                   | 19 500*                 | 73.4             | 50.0                   | 12 300*                 | 20.0                    |
|                      |                      | 22.0                    | 67.6            | 50.1                   | 26 700*                 | 69.3             | 49.8                   | 18 300*                 | 71.0             | 49.2                   | 11 700*                 | 22.0                    |
|                      |                      | 24.0                    | 65.1            | 49.1                   | 26 500*                 | 66.8             | 48.9                   | 17 300*                 | 68.5             | 48.3                   | 11 200*                 | 24.0                    |
|                      |                      | 26.0                    | 62.7            | 48.1                   | 25 000                  | 64.3             | 47.9                   | 16 300*                 | 66.0             | 47.2                   | 10 800*                 | 26.0                    |
|                      |                      | 28.0                    | 60.1            | 47.0                   | 22 300                  | 61.8             | 46.7                   | 15 500*                 | 63.4             | 46.1                   | 10 400*                 | 28.0                    |
|                      |                      | 32.0                    | 54.8            | 44.4                   | 18 100                  | 56.5             | 44.1                   | 14 100*                 | 57.9             | 43.4                   | 9 700*                  | 32.0                    |
|                      |                      | 36.0                    | 49.1            | 41.1                   | 14 800                  | 50.7             | 40.8                   | 13 000*                 | 52.1             | 40.1                   | 9 100*                  | 36.0                    |
|                      |                      | 40.0                    | 42.9            | 37.2                   | 12 300                  | 44.4             | 36.8                   | 12 100*                 | 45.7             | 36.0                   | 8 700*                  | 40.0                    |
|                      |                      | 44.0                    | 35.8            | 32.1                   | 10 200                  | 37.2             | 31.7                   | 10 400                  |                  |                        |                         | 44.0                    |
| 48.0                 | 27.1                 | 25.4                    | 8 600           |                        |                         |                  |                        |                         |                  | 48.0                   |                         |                         |
| <b>4<br/>5<br/>7</b> | <b>1<br/>5<br/>0</b> | 12.2                    | 79.6            | 56.3                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 12.2                    |
|                      |                      | 14.0                    | 77.7            | 55.9                   | 26 700*                 | 79.3             | 55.6                   | 24 900*                 |                  |                        |                         | 14.0                    |
|                      |                      | 16.0                    | 75.5            | 55.4                   | 26 700*                 | 77.2             | 55.1                   | 23 000*                 | 78.8             | 54.6                   | 13 800*                 | 16.0                    |
|                      |                      | 18.0                    | 73.3            | 54.8                   | 26 700*                 | 75.0             | 54.5                   | 21 500*                 | 76.6             | 54.0                   | 13 100*                 | 18.0                    |
|                      |                      | 20.0                    | 71.1            | 54.1                   | 26 700*                 | 72.8             | 53.9                   | 20 100*                 | 74.4             | 53.3                   | 12 500*                 | 20.0                    |
|                      |                      | 22.0                    | 68.9            | 53.4                   | 26 700*                 | 70.5             | 53.1                   | 18 900*                 | 72.1             | 52.5                   | 12 000*                 | 22.0                    |
|                      |                      | 24.0                    | 66.6            | 52.5                   | 26 600*                 | 68.2             | 52.2                   | 17 800*                 | 69.8             | 51.6                   | 11 500*                 | 24.0                    |
|                      |                      | 26.0                    | 64.3            | 51.6                   | 24 700                  | 65.9             | 51.3                   | 16 900*                 | 67.4             | 50.7                   | 11 000*                 | 26.0                    |
|                      |                      | 28.0                    | 61.9            | 50.5                   | 22 100                  | 63.5             | 50.2                   | 16 100*                 | 65.0             | 49.6                   | 10 600*                 | 28.0                    |
|                      |                      | 32.0                    | 57.1            | 48.1                   | 17 800                  | 58.6             | 47.8                   | 14 600*                 | 60.1             | 47.1                   | 9 900*                  | 32.0                    |
|                      |                      | 36.0                    | 51.9            | 45.1                   | 14 600                  | 53.4             | 44.8                   | 13 500*                 | 54.7             | 44.1                   | 9 400*                  | 36.0                    |
|                      |                      | 40.0                    | 46.3            | 41.6                   | 12 100                  | 47.7             | 41.2                   | 12 300                  | 49.0             | 40.4                   | 8 900*                  | 40.0                    |
|                      |                      | 44.0                    | 40.1            | 37.2                   | 10 100                  | 41.5             | 36.8                   | 10 200                  | 42.6             | 35.9                   | 8 500*                  | 44.0                    |
|                      |                      | 48.0                    | 32.9            | 31.6                   | 8 400                   |                  |                        | 8 500                   |                  |                        |                         | 48.0                    |
| 52.0                 | 23.9                 | 24.0                    | 7 000           |                        |                         |                  |                        |                         |                  | 52.0                   |                         |                         |
| <b>4<br/>8<br/>8</b> | <b>1<br/>6<br/>0</b> | 12.2                    | 80.1            | 59.4                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 12.2                    |
|                      |                      | 14.0                    | 78.3            | 59.0                   | 26 700*                 | 79.9             | 58.8                   | 25 400*                 |                  |                        |                         | 14.0                    |
|                      |                      | 16.0                    | 76.3            | 58.5                   | 26 700*                 | 77.9             | 58.3                   | 23 600*                 | 79.4             | 57.7                   | 14 100*                 | 16.0                    |
|                      |                      | 18.0                    | 74.2            | 58.0                   | 26 700*                 | 75.8             | 57.7                   | 22 100*                 | 77.4             | 57.1                   | 13 400*                 | 18.0                    |
|                      |                      | 20.0                    | 72.2            | 57.3                   | 26 700*                 | 73.7             | 57.1                   | 20 700*                 | 75.2             | 56.5                   | 12 800*                 | 20.0                    |
|                      |                      | 22.0                    | 70.1            | 56.6                   | 26 700*                 | 71.6             | 56.4                   | 19 500*                 | 73.1             | 55.8                   | 12 200*                 | 22.0                    |
|                      |                      | 24.0                    | 67.9            | 55.8                   | 26 400                  | 69.5             | 55.6                   | 18 400*                 | 70.9             | 55.0                   | 11 700*                 | 24.0                    |
|                      |                      | 26.0                    | 65.8            | 54.9                   | 24 200                  | 67.3             | 54.7                   | 17 500*                 | 68.7             | 54.1                   | 11 300*                 | 26.0                    |
|                      |                      | 28.0                    | 63.6            | 54.0                   | 21 900                  | 65.1             | 53.7                   | 16 600*                 | 66.5             | 53.1                   | 10 900*                 | 28.0                    |
|                      |                      | 32.0                    | 59.0            | 51.7                   | 17 700                  | 60.5             | 51.4                   | 15 100*                 | 61.9             | 50.8                   | 10 200*                 | 32.0                    |
|                      |                      | 36.0                    | 54.2            | 49.0                   | 14 500                  | 55.7             | 48.7                   | 14 000*                 | 57.0             | 48.0                   | 9 600*                  | 36.0                    |
|                      |                      | 40.0                    | 49.1            | 45.7                   | 11 900                  | 50.5             | 45.4                   | 12 200                  | 51.8             | 44.7                   | 9 100*                  | 40.0                    |
|                      |                      | 44.0                    | 43.6            | 41.8                   | 9 900                   | 45.0             | 41.5                   | 10 100                  | 46.1             | 40.6                   | 8 700*                  | 44.0                    |
|                      |                      | 48.0                    | 37.4            | 37.0                   | 8 300                   | 38.7             | 36.6                   | 8 400                   |                  |                        |                         | 48.0                    |
| 52.0                 | 30.1                 | 30.8                    | 6 900           |                        |                         |                  |                        |                         |                  | 52.0                   |                         |                         |
| <b>5<br/>1<br/>8</b> | <b>1<br/>7<br/>0</b> | 12.2                    | 80.6            | 62.5                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 12.2                    |
|                      |                      | 14.0                    | 78.9            | 62.1                   | 26 700*                 | 80.4             | 61.9                   | 26 000*                 |                  |                        |                         | 14.0                    |
|                      |                      | 16.0                    | 77.0            | 61.7                   | 26 700*                 | 78.5             | 61.4                   | 24 200*                 | 80.0             | 60.8                   | 14 200*                 | 16.0                    |
|                      |                      | 18.0                    | 75.0            | 61.1                   | 26 700*                 | 76.5             | 60.9                   | 22 600*                 | 78.0             | 60.3                   | 13 600*                 | 18.0                    |
|                      |                      | 20.0                    | 73.1            | 60.6                   | 26 700*                 | 74.6             | 60.3                   | 21 200*                 | 76.0             | 59.7                   | 13 000*                 | 20.0                    |
|                      |                      | 22.0                    | 71.1            | 59.9                   | 26 700*                 | 72.6             | 59.6                   | 20 000*                 | 74.0             | 59.0                   | 12 500*                 | 22.0                    |
|                      |                      | 24.0                    | 69.1            | 59.1                   | 26 000                  | 70.5             | 58.9                   | 19 000*                 | 72.0             | 58.3                   | 12 000*                 | 24.0                    |
|                      |                      | 26.0                    | 67.0            | 58.3                   | 23 700                  | 68.5             | 58.0                   | 18 000*                 | 69.9             | 57.4                   | 11 500*                 | 26.0                    |
|                      |                      | 28.0                    | 65.0            | 57.4                   | 21 500                  | 66.4             | 57.1                   | 17 100*                 | 67.8             | 56.5                   | 11 100*                 | 28.0                    |
|                      |                      | 32.0                    | 60.7            | 55.3                   | 17 500                  | 62.1             | 55.0                   | 15 600*                 | 63.5             | 54.3                   | 10 400*                 | 32.0                    |
|                      |                      | 36.0                    | 56.3            | 52.7                   | 14 300                  | 57.7             | 52.4                   | 14 400                  | 58.9             | 51.7                   | 9 800*                  | 36.0                    |
|                      |                      | 40.0                    | 51.6            | 49.7                   | 11 800                  | 52.9             | 49.4                   | 12 000                  | 54.2             | 48.7                   | 9 300*                  | 40.0                    |
|                      |                      | 44.0                    | 46.5            | 46.2                   | 9 700                   | 47.9             | 45.8                   | 9 900                   | 49.0             | 45.0                   | 8 900*                  | 44.0                    |
|                      |                      | 48.0                    | 41.0            | 41.9                   | 8 000                   | 42.3             | 41.5                   | 8 200                   | 43.3             | 40.6                   | 8 400                   | 48.0                    |
| 52.0                 | 34.8                 | 36.6                    | 6 600           | 36.0                   | 36.2                    | 6 800            |                        |                         |                  | 52.0                   |                         |                         |
| 56.0                 | 27.4                 | 29.8                    | 5 500           |                        |                         |                  |                        |                         |                  | 56.0                   |                         |                         |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

JIB NO. 134 WITH 3 810 mm STRUT ON

BOOM NO. 22EL

81 240 kg CRANE COUNTERWEIGHT

19 960 kg CARBODY COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

360 DEGREE RATING

### 9.1m (30 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| <b>54.9</b>       | <b>180</b>      | 13.7                    | 79.7            | 65.3                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 13.7                    |
|                   |                 | 14.0                    | 79.4            | 65.2                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 77.6            | 64.8                   | 26 700*                 | 79.0             | 64.5                   | 24 700*                 |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 75.8            | 64.3                   | 26 700*                 | 77.2             | 64.0                   | 23 100*                 | 78.6             | 63.5                   | 13 800*                 | 18.0                    |
|                   |                 | 20.0                    | 73.9            | 63.7                   | 26 700*                 | 75.3             | 63.5                   | 21 700*                 | 76.7             | 62.9                   | 13 200*                 | 20.0                    |
|                   |                 | 22.0                    | 72.0            | 63.1                   | 26 700*                 | 73.4             | 62.8                   | 20 500*                 | 74.8             | 62.2                   | 12 700*                 | 22.0                    |
|                   |                 | 24.0                    | 70.1            | 62.4                   | 25 500                  | 71.5             | 62.1                   | 19 500*                 | 72.9             | 61.5                   | 12 200*                 | 24.0                    |
|                   |                 | 26.0                    | 68.2            | 61.6                   | 23 100                  | 69.6             | 61.3                   | 18 500*                 | 70.9             | 60.7                   | 11 800*                 | 26.0                    |
|                   |                 | 28.0                    | 66.3            | 60.7                   | 20 900                  | 67.6             | 60.5                   | 17 600*                 | 69.0             | 59.8                   | 11 400*                 | 28.0                    |
|                   |                 | 32.0                    | 62.3            | 58.7                   | 17 300                  | 63.6             | 58.5                   | 16 100*                 | 64.9             | 57.8                   | 10 700*                 | 32.0                    |
|                   |                 | 36.0                    | 58.1            | 56.4                   | 14 000                  | 59.4             | 56.1                   | 14 400                  | 60.7             | 55.4                   | 10 000*                 | 36.0                    |
|                   |                 | 40.0                    | 53.7            | 53.6                   | 11 500                  | 55.0             | 53.3                   | 11 700                  | 56.2             | 52.6                   | 9 500*                  | 40.0                    |
|                   |                 | 44.0                    | 49.1            | 50.3                   | 9 500                   | 50.4             | 50.0                   | 9 700                   | 51.5             | 49.2                   | 9 100*                  | 44.0                    |
|                   |                 | 48.0                    | 44.1            | 46.5                   | 7 800                   | 45.4             | 46.1                   | 8 000                   | 46.4             | 45.3                   | 8 200                   | 48.0                    |
| 52.0              | 38.6            | 41.8                    | 6 400           | 39.8                   | 41.4                    | 6 600            |                        |                         |                  | 52.0                   |                         |                         |
| 56.0              | 32.4            | 36.1                    | 5 200           | 33.5                   | 35.6                    | 5 300            |                        |                         |                  | 56.0                   |                         |                         |
| 60.0              | 24.7            | 28.5                    | 4 200           |                        |                         |                  |                        |                         |                  | 60.0                   |                         |                         |
| <b>57.9</b>       | <b>190</b>      | 13.7                    | 80.2            | 68.4                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 13.7                    |
|                   |                 | 14.0                    | 79.9            | 68.3                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 78.2            | 67.9                   | 26 700*                 | 79.6             | 67.7                   | 25 200*                 |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 76.4            | 67.5                   | 26 700*                 | 77.8             | 67.2                   | 23 600*                 | 79.2             | 66.6                   | 14 000*                 | 18.0                    |
|                   |                 | 20.0                    | 74.7            | 66.9                   | 26 700*                 | 76.0             | 66.7                   | 22 200*                 | 77.4             | 66.1                   | 13 400*                 | 20.0                    |
|                   |                 | 22.0                    | 72.9            | 66.3                   | 26 700                  | 74.2             | 66.0                   | 21 000*                 | 75.5             | 65.4                   | 12 900*                 | 22.0                    |
|                   |                 | 24.0                    | 71.1            | 65.6                   | 25 200                  | 72.4             | 65.4                   | 20 000*                 | 73.7             | 64.8                   | 12 400*                 | 24.0                    |
|                   |                 | 26.0                    | 69.2            | 64.9                   | 22 500                  | 70.6             | 64.6                   | 19 000*                 | 71.9             | 64.0                   | 12 000*                 | 26.0                    |
|                   |                 | 28.0                    | 67.4            | 64.1                   | 20 300                  | 68.7             | 63.8                   | 18 100*                 | 70.0             | 63.2                   | 11 500*                 | 28.0                    |
|                   |                 | 32.0                    | 63.6            | 62.2                   | 16 700                  | 64.9             | 61.9                   | 16 600*                 | 66.2             | 61.3                   | 10 800*                 | 32.0                    |
|                   |                 | 36.0                    | 59.7            | 60.0                   | 13 700                  | 61.0             | 59.7                   | 14 100                  | 62.2             | 59.0                   | 10 200*                 | 36.0                    |
|                   |                 | 40.0                    | 55.6            | 57.4                   | 11 200                  | 56.9             | 57.1                   | 11 500                  | 58.0             | 56.4                   | 9 700*                  | 40.0                    |
|                   |                 | 44.0                    | 51.3            | 54.3                   | 9 200                   | 52.6             | 54.0                   | 9 400                   | 53.7             | 53.3                   | 9 300*                  | 44.0                    |
|                   |                 | 48.0                    | 46.8            | 50.8                   | 7 500                   | 48.0             | 50.4                   | 7 700                   | 49.0             | 49.6                   | 7 900                   | 48.0                    |
| 52.0              | 41.8            | 46.6                    | 6 100           | 43.0                   | 46.2                    | 6 200            | 43.9                   | 45.3                    | 6 400            | 52.0                   |                         |                         |
| 56.0              | 36.3            | 41.6                    | 4 900           | 37.4                   | 41.1                    | 5 000            |                        |                         |                  | 56.0                   |                         |                         |
| 60.0              | 30.0            | 35.3                    | 3 900           |                        |                         |                  |                        |                         |                  | 60.0                   |                         |                         |
| 64.0              | 21.9            | 26.8                    | 3 000           |                        |                         |                  |                        |                         |                  | 64.0                   |                         |                         |
| <b>61.0</b>       | <b>200</b>      | 13.7                    | 80.6            | 71.5                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 13.7                    |
|                   |                 | 14.0                    | 80.4            | 71.4                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 78.7            | 71.1                   | 26 700*                 | 80.0             | 70.8                   | 25 600*                 |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 77.0            | 70.6                   | 26 700*                 | 78.3             | 70.3                   | 24 100*                 | 79.6             | 69.7                   | 14 100*                 | 18.0                    |
|                   |                 | 20.0                    | 75.3            | 70.1                   | 26 700*                 | 76.6             | 69.8                   | 22 700*                 | 77.9             | 69.2                   | 13 600*                 | 20.0                    |
|                   |                 | 22.0                    | 73.6            | 69.5                   | 26 400                  | 74.9             | 69.2                   | 21 500*                 | 76.2             | 68.6                   | 13 100*                 | 22.0                    |
|                   |                 | 24.0                    | 71.9            | 68.9                   | 24 500                  | 73.2             | 68.6                   | 20 400*                 | 74.5             | 68.0                   | 12 600*                 | 24.0                    |
|                   |                 | 26.0                    | 70.2            | 68.1                   | 21 900                  | 71.5             | 67.9                   | 19 500*                 | 72.7             | 67.3                   | 12 200*                 | 26.0                    |
|                   |                 | 28.0                    | 68.4            | 67.4                   | 19 700                  | 69.7             | 67.1                   | 18 600*                 | 70.9             | 66.5                   | 11 800*                 | 28.0                    |
|                   |                 | 32.0                    | 64.9            | 65.6                   | 16 200                  | 66.1             | 65.3                   | 16 600                  | 67.3             | 64.7                   | 11 100*                 | 32.0                    |
|                   |                 | 36.0                    | 61.2            | 63.5                   | 13 400                  | 62.4             | 63.2                   | 13 800                  | 63.6             | 62.5                   | 10 400*                 | 36.0                    |
|                   |                 | 40.0                    | 57.3            | 61.1                   | 10 900                  | 58.6             | 60.8                   | 11 200                  | 59.7             | 60.1                   | 9 900*                  | 40.0                    |
|                   |                 | 44.0                    | 53.3            | 58.2                   | 8 900                   | 54.5             | 57.9                   | 9 100                   | 55.6             | 57.2                   | 9 300*                  | 44.0                    |
|                   |                 | 48.0                    | 49.1            | 54.9                   | 7 200                   | 50.3             | 54.6                   | 7 400                   | 51.3             | 53.8                   | 7 600                   | 48.0                    |
| 52.0              | 44.6            | 51.1                    | 5 800           | 45.7                   | 50.7                    | 6 000            | 46.6                   | 49.9                    | 6 100            | 52.0                   |                         |                         |
| 56.0              | 39.6            | 46.6                    | 4 600           | 40.7                   | 46.2                    | 4 800            |                        |                         |                  | 56.0                   |                         |                         |
| 60.0              | 34.1            | 41.1                    | 3 600           | 35.1                   | 40.7                    | 3 700            |                        |                         |                  | 60.0                   |                         |                         |
| 64.0              | 27.6            | 34.3                    | 2 700           |                        |                         |                  |                        |                         |                  | 64.0                   |                         |                         |

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JIB NO. 134 WITH 3 810 mm STRUT ON

BOOM NO. 22EL

81 240 kg CRANE COUNTERWEIGHT

19 960 kg CARBODY COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

360 DEGREE RATING

### 9.1m (30 FT.) JIB

| BOOM LGTH. METERS    | BOOM LGTH. FEET      | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|----------------------|----------------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                      |                      |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| <b>6<br/>4<br/>0</b> | <b>2<br/>1<br/>0</b> | 13.7                    | 81.0            | 74.6                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 13.7                    |
|                      |                      | 14.0                    | 80.8            | 74.5                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                      |                      | 16.0                    | 79.2            | 74.2                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                      |                      | 18.0                    | 77.6            | 73.7                   | 26 700*                 | 78.8             | 73.5                   | 24 600*                 |                  |                        |                         | 18.0                    |
|                      |                      | 20.0                    | 76.0            | 73.2                   | 26 700*                 | 77.2             | 73.0                   | 23 200*                 | 78.5             | 72.4                   | 13 700*                 | 20.0                    |
|                      |                      | 22.0                    | 74.3            | 72.7                   | 26 100                  | 75.6             | 72.4                   | 22 000*                 | 76.8             | 71.8                   | 13 300*                 | 22.0                    |
|                      |                      | 24.0                    | 72.7            | 72.1                   | 23 800                  | 73.9             | 71.8                   | 20 900*                 | 75.2             | 71.2                   | 12 800*                 | 24.0                    |
|                      |                      | 26.0                    | 71.1            | 71.4                   | 21 300                  | 72.3             | 71.1                   | 19 900*                 | 73.5             | 70.5                   | 12 400*                 | 26.0                    |
|                      |                      | 28.0                    | 69.4            | 70.6                   | 19 200                  | 70.6             | 70.4                   | 19 000*                 | 71.8             | 69.8                   | 12 000*                 | 28.0                    |
|                      |                      | 32.0                    | 66.0            | 69.0                   | 15 800                  | 67.2             | 68.7                   | 16 200                  | 68.3             | 68.0                   | 11 200*                 | 32.0                    |
|                      |                      | 36.0                    | 62.5            | 67.0                   | 13 000                  | 63.7             | 66.7                   | 13 400                  | 64.8             | 66.0                   | 10 600*                 | 36.0                    |
|                      |                      | 40.0                    | 58.9            | 64.7                   | 10 700                  | 60.0             | 64.4                   | 11 000                  | 61.1             | 63.7                   | 10 100*                 | 40.0                    |
|                      |                      | 44.0                    | 55.1            | 62.0                   | 8 700                   | 56.3             | 61.7                   | 8 900                   | 57.3             | 61.0                   | 9 200                   | 44.0                    |
|                      |                      | 48.0                    | 51.2            | 58.9                   | 7 000                   | 52.3             | 58.6                   | 7 200                   | 53.3             | 57.9                   | 7 400                   | 48.0                    |
|                      |                      | 52.0                    | 47.0            | 55.4                   | 5 600                   | 48.1             | 55.0                   | 5 800                   | 49.0             | 54.2                   | 6 000                   | 52.0                    |
|                      |                      | 56.0                    | 42.5            | 51.3                   | 4 400                   | 43.5             | 50.9                   | 4 600                   | 44.4             | 50.0                   | 4 700                   | 56.0                    |
| 60.0                 | 37.5                 | 46.4                    | 3 400           | 38.6                   | 46.0                    | 3 500            |                        |                         |                  | 60.0                   |                         |                         |
| 64.0                 | 31.9                 | 40.5                    | 2 500           | 32.9                   | 40.0                    | 2 600            |                        |                         |                  | 64.0                   |                         |                         |
| <b>6<br/>7<br/>1</b> | <b>2<br/>2<br/>0</b> | 15.2                    | 80.2            | 77.4                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 15.2                    |
|                      |                      | 16.0                    | 79.6            | 77.3                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                      |                      | 18.0                    | 78.1            | 76.9                   | 26 700*                 | 79.3             | 76.6                   | 25 000*                 |                  |                        |                         | 18.0                    |
|                      |                      | 20.0                    | 76.5            | 76.4                   | 26 700*                 | 77.7             | 76.1                   | 23 600*                 | 78.9             | 75.5                   | 13 900*                 | 20.0                    |
|                      |                      | 22.0                    | 75.0            | 75.9                   | 25 800                  | 76.2             | 75.6                   | 22 400*                 | 77.4             | 75.0                   | 13 400*                 | 22.0                    |
|                      |                      | 24.0                    | 73.4            | 75.3                   | 23 200                  | 74.6             | 75.0                   | 21 300*                 | 75.8             | 74.4                   | 13 000*                 | 24.0                    |
|                      |                      | 26.0                    | 71.8            | 74.6                   | 20 800                  | 73.0             | 74.3                   | 20 400*                 | 74.2             | 73.7                   | 12 500*                 | 26.0                    |
|                      |                      | 28.0                    | 70.2            | 73.9                   | 18 700                  | 71.4             | 73.6                   | 19 300                  | 72.6             | 73.0                   | 12 100*                 | 28.0                    |
|                      |                      | 32.0                    | 67.0            | 72.3                   | 15 300                  | 68.2             | 72.0                   | 15 700                  | 69.3             | 71.4                   | 11 400*                 | 32.0                    |
|                      |                      | 36.0                    | 63.7            | 70.4                   | 12 600                  | 64.8             | 70.1                   | 12 900                  | 65.9             | 69.5                   | 10 800*                 | 36.0                    |
|                      |                      | 40.0                    | 60.2            | 68.2                   | 10 300                  | 61.4             | 67.9                   | 10 600                  | 62.4             | 67.3                   | 10 300*                 | 40.0                    |
|                      |                      | 44.0                    | 56.7            | 65.7                   | 8 400                   | 57.8             | 65.4                   | 8 700                   | 58.8             | 64.7                   | 9 000                   | 44.0                    |
|                      |                      | 48.0                    | 53.0            | 62.8                   | 6 700                   | 54.1             | 62.5                   | 7 000                   | 55.0             | 61.8                   | 7 200                   | 48.0                    |
|                      |                      | 52.0                    | 49.1            | 59.5                   | 5 300                   | 50.2             | 59.2                   | 5 500                   | 51.1             | 58.4                   | 5 700                   | 52.0                    |
|                      |                      | 56.0                    | 44.9            | 55.7                   | 4 100                   | 46.0             | 55.4                   | 4 300                   | 46.8             | 54.5                   | 4 400                   | 56.0                    |
|                      |                      | 60.0                    | 40.5            | 51.3                   | 3 100                   | 41.5             | 50.9                   | 3 300                   |                  |                        |                         | 60.0                    |
| 64.0                 | 35.5                 | 46.1                    | 2 200           | 36.5                   | 45.6                    | 2 400            |                        |                         |                  | 64.0                   |                         |                         |
| <b>7<br/>0<br/>1</b> | <b>2<br/>3<br/>0</b> | 15.2                    | 80.6            | 80.5                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 15.2                    |
|                      |                      | 16.0                    | 80.0            | 80.4                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                      |                      | 18.0                    | 78.6            | 80.0                   | 26 700*                 | 79.7             | 79.7                   | 25 400*                 |                  |                        |                         | 18.0                    |
|                      |                      | 20.0                    | 77.1            | 79.5                   | 26 700                  | 78.2             | 79.3                   | 24 100*                 | 79.4             | 78.7                   | 14 100*                 | 20.0                    |
|                      |                      | 22.0                    | 75.6            | 79.0                   | 25 500                  | 76.7             | 78.7                   | 22 900*                 | 77.9             | 78.1                   | 13 600*                 | 22.0                    |
|                      |                      | 24.0                    | 74.1            | 78.5                   | 22 500                  | 75.2             | 78.2                   | 21 800*                 | 76.3             | 77.6                   | 13 100*                 | 24.0                    |
|                      |                      | 26.0                    | 72.6            | 77.8                   | 20 200                  | 73.7             | 77.6                   | 20 800                  | 74.8             | 76.9                   | 12 700*                 | 26.0                    |
|                      |                      | 28.0                    | 71.0            | 77.2                   | 18 100                  | 72.2             | 76.9                   | 18 700                  | 73.3             | 76.3                   | 12 300*                 | 28.0                    |
|                      |                      | 32.0                    | 67.9            | 75.6                   | 14 700                  | 69.1             | 75.3                   | 15 200                  | 70.1             | 74.7                   | 11 600*                 | 32.0                    |
|                      |                      | 36.0                    | 64.8            | 73.8                   | 12 000                  | 65.9             | 73.5                   | 12 400                  | 66.9             | 72.9                   | 11 000*                 | 36.0                    |
|                      |                      | 40.0                    | 61.5            | 71.7                   | 9 800                   | 62.6             | 71.4                   | 10 200                  | 63.6             | 70.8                   | 10 400                  | 40.0                    |
|                      |                      | 44.0                    | 58.1            | 69.4                   | 8 000                   | 59.2             | 69.1                   | 8 300                   | 60.2             | 68.4                   | 8 600                   | 44.0                    |
|                      |                      | 48.0                    | 54.6            | 66.6                   | 6 400                   | 55.7             | 66.3                   | 6 600                   | 56.7             | 65.6                   | 6 900                   | 48.0                    |
|                      |                      | 52.0                    | 51.0            | 63.5                   | 5 000                   | 52.0             | 63.2                   | 5 200                   | 52.9             | 62.5                   | 5 400                   | 52.0                    |
|                      |                      | 56.0                    | 47.1            | 60.0                   | 3 800                   | 48.1             | 59.7                   | 4 000                   | 49.0             | 58.8                   | 4 100                   | 56.0                    |
|                      |                      | 60.0                    | 43.0            | 55.9                   | 2 800                   | 44.0             | 55.6                   | 2 900                   | 44.8             | 54.7                   | 3 100                   | 60.0                    |
| 64.0                 | 38.5                 | 51.2                    | 1 900           | 39.5                   | 50.8                    | 2 000            |                        |                         |                  | 64.0                   |                         |                         |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

JIB NO. 134 WITH 3 810 mm STRUT ON

BOOM NO. 22EL

81 240 kg CRANE COUNTERWEIGHT

19 960 kg CARBODY COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

360 DEGREE RATING

### 9.1m (30 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| 7<br>3<br>-<br>2  | 2<br>4<br>0     | 15.2                    | 81.0            | 83.6                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 15.2                    |
|                   |                 | 16.0                    | 80.4            | 83.5                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 79.0            | 83.1                   | 26 700*                 | 80.1             | 82.8                   | 25 800*                 |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 77.6            | 82.7                   | 26 600                  | 78.7             | 82.4                   | 24 500*                 | 79.8             | 81.8                   | 14 200*                 | 20.0                    |
|                   |                 | 22.0                    | 76.1            | 82.2                   | 24 700                  | 77.2             | 81.9                   | 23 300*                 | 78.3             | 81.3                   | 13 800*                 | 22.0                    |
|                   |                 | 24.0                    | 74.7            | 81.6                   | 21 900                  | 75.8             | 81.4                   | 22 200*                 | 76.9             | 80.7                   | 13 300*                 | 24.0                    |
|                   |                 | 26.0                    | 73.2            | 81.0                   | 19 600                  | 74.3             | 80.8                   | 20 200                  | 75.4             | 80.1                   | 12 900*                 | 26.0                    |
|                   |                 | 28.0                    | 71.8            | 80.4                   | 17 500                  | 72.9             | 80.1                   | 18 100                  | 73.9             | 79.5                   | 12 500*                 | 28.0                    |
|                   |                 | 32.0                    | 68.8            | 78.9                   | 14 200                  | 69.9             | 78.6                   | 14 700                  | 70.9             | 78.0                   | 11 800*                 | 32.0                    |
|                   |                 | 36.0                    | 65.8            | 77.2                   | 11 600                  | 66.8             | 76.9                   | 12 000                  | 67.8             | 76.3                   | 11 200*                 | 36.0                    |
|                   |                 | 40.0                    | 62.7            | 75.2                   | 9 400                   | 63.7             | 74.9                   | 9 700                   | 64.7             | 74.2                   | 10 100                  | 40.0                    |
|                   |                 | 44.0                    | 59.5            | 72.9                   | 7 600                   | 60.5             | 72.6                   | 7 900                   | 61.5             | 72.0                   | 8 200                   | 44.0                    |
|                   |                 | 48.0                    | 56.1            | 70.4                   | 6 000                   | 57.2             | 70.1                   | 6 300                   | 58.1             | 69.3                   | 6 600                   | 48.0                    |
|                   |                 | 52.0                    | 52.7            | 67.5                   | 4 700                   | 53.7             | 67.1                   | 4 900                   | 54.6             | 66.4                   | 5 100                   | 52.0                    |
|                   |                 | 56.0                    | 49.1            | 64.1                   | 3 500                   | 50.1             | 63.8                   | 3 700                   | 50.9             | 63.0                   | 3 900                   | 56.0                    |
|                   |                 | 60.0                    | 45.3            | 60.4                   | 2 500                   | 46.2             | 60.0                   | 2 700                   | 47.0             | 59.2                   | 2 800                   | 60.0                    |
| 64.0              |                 |                         |                 | 42.1                   | 55.6                    | 1 800            | 42.8                   | 54.7                    | 1 900            | 64.0                   |                         |                         |
| 7<br>6<br>-<br>2  | 2<br>5<br>0     | 16.8                    | 80.2            | 86.4                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 16.8                    |
|                   |                 | 18.0                    | 79.4            | 86.2                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 78.0            | 85.8                   | 26 500                  | 79.1             | 85.5                   | 24 900*                 | 80.2             | 84.9                   | 14 400*                 | 20.0                    |
|                   |                 | 22.0                    | 76.6            | 85.3                   | 24 500                  | 77.7             | 85.0                   | 23 700*                 | 78.8             | 84.4                   | 13 900*                 | 22.0                    |
|                   |                 | 24.0                    | 75.2            | 84.8                   | 21 700                  | 76.3             | 84.5                   | 22 200                  | 77.4             | 83.9                   | 13 500*                 | 24.0                    |
|                   |                 | 26.0                    | 73.8            | 84.2                   | 19 400                  | 74.9             | 83.9                   | 20 000                  | 75.9             | 83.3                   | 13 000*                 | 26.0                    |
|                   |                 | 28.0                    | 72.4            | 83.6                   | 17 500                  | 73.5             | 83.3                   | 18 000                  | 74.5             | 82.7                   | 12 700*                 | 28.0                    |
|                   |                 | 32.0                    | 69.6            | 82.2                   | 14 200                  | 70.6             | 81.9                   | 14 600                  | 71.6             | 81.3                   | 12 000*                 | 32.0                    |
|                   |                 | 36.0                    | 66.7            | 80.5                   | 11 500                  | 67.7             | 80.2                   | 11 900                  | 68.7             | 79.6                   | 11 400*                 | 36.0                    |
|                   |                 | 40.0                    | 63.7            | 78.6                   | 9 400                   | 64.7             | 78.3                   | 9 700                   | 65.7             | 77.7                   | 10 100                  | 40.0                    |
|                   |                 | 44.0                    | 60.7            | 76.5                   | 7 600                   | 61.7             | 76.2                   | 7 900                   | 62.6             | 75.5                   | 8 200                   | 44.0                    |
|                   |                 | 48.0                    | 57.5            | 74.0                   | 6 100                   | 58.5             | 73.7                   | 6 300                   | 59.4             | 73.0                   | 6 600                   | 48.0                    |
|                   |                 | 52.0                    | 54.3            | 71.3                   | 4 800                   | 55.2             | 70.9                   | 5 000                   | 56.1             | 70.2                   | 5 200                   | 52.0                    |
|                   |                 | 56.0                    | 50.8            | 68.2                   | 3 600                   | 51.8             | 67.8                   | 3 800                   | 52.6             | 67.0                   | 4 000                   | 56.0                    |
|                   |                 | 60.0                    | 47.3            | 64.6                   | 2 600                   | 48.2             | 64.3                   | 2 800                   | 49.0             | 63.5                   | 2 900                   | 60.0                    |
|                   |                 | 64.0                    |                 |                        |                         | 44.4             | 60.2                   | 1 900                   | 45.1             | 59.3                   | 2 000                   | 64.0                    |
| 7<br>9<br>-<br>2  | 2<br>6<br>0     | 16.8                    | 80.5            | 89.5                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 16.8                    |
|                   |                 | 18.0                    | 79.8            | 89.3                   | 26 700*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 78.4            | 88.9                   | 26 500                  | 79.5             | 88.6                   | 25 300*                 | 80.5             | 88.0                   | 14 500*                 | 20.0                    |
|                   |                 | 22.0                    | 77.1            | 88.4                   | 23 700                  | 78.1             | 88.2                   | 24 000                  | 79.2             | 87.6                   | 14 000*                 | 22.0                    |
|                   |                 | 24.0                    | 75.8            | 87.9                   | 21 100                  | 76.8             | 87.7                   | 21 800                  | 77.8             | 87.1                   | 13 600*                 | 24.0                    |
|                   |                 | 26.0                    | 74.4            | 87.4                   | 18 900                  | 75.4             | 87.1                   | 19 400                  | 76.5             | 86.5                   | 13 200*                 | 26.0                    |
|                   |                 | 28.0                    | 73.1            | 86.8                   | 16 900                  | 74.1             | 86.5                   | 17 500                  | 75.1             | 85.9                   | 12 800*                 | 28.0                    |
|                   |                 | 32.0                    | 70.3            | 85.4                   | 13 700                  | 71.3             | 85.1                   | 14 200                  | 72.3             | 84.5                   | 12 200*                 | 32.0                    |
|                   |                 | 36.0                    | 67.5            | 83.8                   | 11 000                  | 68.5             | 83.6                   | 11 500                  | 69.5             | 82.9                   | 11 500*                 | 36.0                    |
|                   |                 | 40.0                    | 64.7            | 82.0                   | 8 900                   | 65.7             | 81.7                   | 9 300                   | 66.6             | 81.1                   | 9 600                   | 40.0                    |
|                   |                 | 44.0                    | 61.8            | 80.0                   | 7 200                   | 62.8             | 79.7                   | 7 500                   | 63.7             | 79.0                   | 7 800                   | 44.0                    |
|                   |                 | 48.0                    | 58.8            | 77.6                   | 5 600                   | 59.7             | 77.3                   | 5 900                   | 60.6             | 76.6                   | 6 200                   | 48.0                    |
|                   |                 | 52.0                    | 55.7            | 75.0                   | 4 400                   | 56.6             | 74.7                   | 4 600                   | 57.5             | 74.0                   | 4 800                   | 52.0                    |
|                   |                 | 56.0                    | 52.4            | 72.1                   | 3 300                   | 53.4             | 71.7                   | 3 500                   | 54.2             | 71.0                   | 3 700                   | 56.0                    |
|                   |                 | 60.0                    | 49.1            | 68.7                   | 2 300                   | 50.0             | 68.4                   | 2 500                   | 50.8             | 67.6                   | 2 700                   | 60.0                    |

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888 SERIES 2

JIB NO. 134 WITH 3 810 mm STRUT ON

BOOM NO. 22EL

81 240 kg CRANE COUNTERWEIGHT

19 960 kg CARBODY COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

360 DEGREE RATING

### 12.2m (40 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| 27.4              | 9.0             | 9.1                     | 80.8            | 41.3                   | 24 200*                 |                  |                        |                         |                  |                        |                         | 9.1                     |
|                   |                 | 10.0                    | 79.5            | 41.1                   | 23 800*                 |                  |                        |                         |                  |                        |                         | 10.0                    |
|                   |                 | 12.0                    | 76.5            | 40.7                   | 22 900*                 |                  |                        |                         |                  |                        |                         | 12.0                    |
|                   |                 | 14.0                    | 73.5            | 40.0                   | 22 000*                 | 76.5             | 39.7                   | 17 600*                 | 79.6             | 39.1                   | 10 900*                 | 14.0                    |
|                   |                 | 16.0                    | 70.4            | 39.3                   | 21 300*                 | 73.4             | 39.0                   | 16 100*                 | 76.4             | 38.3                   | 10 200*                 | 16.0                    |
|                   |                 | 18.0                    | 67.2            | 38.5                   | 20 600*                 | 70.2             | 38.1                   | 14 800*                 | 73.2             | 37.4                   | 9 500*                  | 18.0                    |
|                   |                 | 20.0                    | 64.0            | 37.5                   | 19 900*                 | 67.0             | 37.2                   | 13 700*                 | 69.9             | 36.4                   | 9 000*                  | 20.0                    |
|                   |                 | 22.0                    | 60.7            | 36.4                   | 19 400*                 | 63.6             | 36.0                   | 12 800*                 | 66.5             | 35.3                   | 8 500*                  | 22.0                    |
|                   |                 | 24.0                    | 57.2            | 35.1                   | 18 400*                 | 60.1             | 34.7                   | 12 000*                 | 62.9             | 33.9                   | 8 100*                  | 24.0                    |
|                   |                 | 26.0                    | 53.6            | 33.6                   | 16 900*                 | 56.5             | 33.2                   | 11 300*                 | 59.2             | 32.4                   | 7 700*                  | 26.0                    |
| 28.0              | 49.9            | 31.9                    | 15 700*         | 52.7                   | 31.5                    | 10 600*          | 55.2                   | 30.6                    | 7 300*           | 28.0                   |                         |                         |
| 32.0              | 41.5            | 27.8                    | 13 900*         | 44.2                   | 27.3                    | 9 600*           | 46.4                   | 26.3                    | 6 800*           | 32.0                   |                         |                         |
| 36.0              | 31.3            | 22.0                    | 12 400*         | 33.7                   | 21.3                    | 8 900*           |                        |                         |                  | 36.0                   |                         |                         |
| 30.5              | 10.0            | 10.7                    | 79.3            | 44.1                   | 23 800*                 |                  |                        |                         |                  |                        |                         | 10.7                    |
|                   |                 | 12.0                    | 77.5            | 43.8                   | 23 200*                 |                  |                        |                         |                  |                        |                         | 12.0                    |
|                   |                 | 14.0                    | 74.7            | 43.2                   | 22 400*                 | 77.5             | 42.9                   | 18 300*                 | 80.4             | 42.2                   | 11 100*                 | 14.0                    |
|                   |                 | 16.0                    | 71.8            | 42.6                   | 21 600*                 | 74.6             | 42.3                   | 16 700*                 | 77.5             | 41.6                   | 10 400*                 | 16.0                    |
|                   |                 | 18.0                    | 69.0            | 41.8                   | 21 000*                 | 71.7             | 41.5                   | 15 400*                 | 74.5             | 40.8                   | 9 800*                  | 18.0                    |
|                   |                 | 20.0                    | 66.0            | 40.9                   | 20 400*                 | 68.8             | 40.6                   | 14 300*                 | 71.5             | 39.8                   | 9 200*                  | 20.0                    |
|                   |                 | 22.0                    | 63.0            | 39.9                   | 19 800*                 | 65.7             | 39.5                   | 13 300*                 | 68.4             | 38.8                   | 8 700*                  | 22.0                    |
|                   |                 | 24.0                    | 59.9            | 38.7                   | 19 300*                 | 62.6             | 38.3                   | 12 500*                 | 65.2             | 37.6                   | 8 300*                  | 24.0                    |
|                   |                 | 26.0                    | 56.7            | 37.4                   | 18 000*                 | 59.3             | 37.0                   | 11 800*                 | 61.9             | 36.2                   | 8 000*                  | 26.0                    |
|                   |                 | 28.0                    | 53.3            | 35.9                   | 16 800*                 | 55.9             | 35.5                   | 11 200*                 | 58.4             | 34.7                   | 7 600*                  | 28.0                    |
| 32.0              | 46.1            | 32.3                    | 14 800*         | 48.6                   | 31.9                    | 10 100*          | 50.8                   | 30.9                    | 7 100*           | 32.0                   |                         |                         |
| 36.0              | 37.8            | 27.6                    | 13 200*         | 40.1                   | 27.0                    | 9 300*           |                        |                         |                  | 36.0                   |                         |                         |
| 40.0              | 27.2            | 20.9                    | 12 000*         |                        |                         |                  |                        |                         |                  | 40.0                   |                         |                         |
| 33.5              | 11.0            | 10.7                    | 80.0            | 47.2                   | 24 000*                 |                  |                        |                         |                  |                        |                         | 10.7                    |
|                   |                 | 12.0                    | 78.3            | 46.9                   | 23 400*                 |                  |                        |                         |                  |                        |                         | 12.0                    |
|                   |                 | 14.0                    | 75.7            | 46.4                   | 22 700*                 | 78.4             | 46.1                   | 18 800*                 | 81.3             | 45.4                   | 11 200*                 | 14.0                    |
|                   |                 | 16.0                    | 73.1            | 45.8                   | 21 900*                 | 75.7             | 45.5                   | 17 300*                 | 78.4             | 44.8                   | 10 600*                 | 16.0                    |
|                   |                 | 18.0                    | 70.4            | 45.1                   | 21 300*                 | 73.0             | 44.7                   | 15 900*                 | 75.7             | 44.0                   | 10 000*                 | 18.0                    |
|                   |                 | 20.0                    | 67.7            | 44.3                   | 20 700*                 | 70.3             | 43.9                   | 14 900*                 | 72.9             | 43.2                   | 9 500*                  | 20.0                    |
|                   |                 | 22.0                    | 65.0            | 43.3                   | 20 100*                 | 67.5             | 43.0                   | 13 900*                 | 70.0             | 42.2                   | 9 000*                  | 22.0                    |
|                   |                 | 24.0                    | 62.1            | 42.2                   | 19 600*                 | 64.6             | 41.9                   | 13 100*                 | 67.1             | 41.1                   | 8 600*                  | 24.0                    |
|                   |                 | 26.0                    | 59.2            | 41.1                   | 19 100*                 | 61.7             | 40.7                   | 12 300*                 | 64.1             | 39.9                   | 8 200*                  | 26.0                    |
|                   |                 | 28.0                    | 56.2            | 39.7                   | 17 800*                 | 58.6             | 39.3                   | 11 700*                 | 61.0             | 38.5                   | 7 800*                  | 28.0                    |
| 32.0              | 49.7            | 36.5                    | 15 700*         | 52.1                   | 36.1                    | 10 600*          | 54.3                   | 35.2                    | 7 300*           | 32.0                   |                         |                         |
| 36.0              | 42.6            | 32.5                    | 14 100*         | 44.9                   | 32.0                    | 9 700*           | 46.8                   | 30.9                    | 6 800*           | 36.0                   |                         |                         |
| 40.0              | 34.2            | 27.1                    | 12 800*         | 36.4                   | 26.5                    | 9 000*           |                        |                         |                  | 40.0                   |                         |                         |
| 44.0              | 23.2            | 19.3                    | 11 300          |                        |                         |                  |                        |                         |                  | 44.0                   |                         |                         |
| 36.6              | 12.0            | 10.7                    | 80.6            | 50.3                   | 24 200*                 |                  |                        |                         |                  |                        |                         | 10.7                    |
|                   |                 | 12.0                    | 79.1            | 50.1                   | 23 700*                 |                  |                        |                         |                  |                        |                         | 12.0                    |
|                   |                 | 14.0                    | 76.6            | 49.6                   | 22 900*                 | 79.1             | 49.2                   | 19 300*                 | 82.0             | 48.5                   | 11 300*                 | 14.0                    |
|                   |                 | 16.0                    | 74.2            | 49.0                   | 22 200*                 | 76.7             | 48.7                   | 17 800*                 | 79.2             | 47.9                   | 10 800*                 | 16.0                    |
|                   |                 | 18.0                    | 71.7            | 48.3                   | 21 600*                 | 74.2             | 48.0                   | 16 500*                 | 76.6             | 47.3                   | 10 200*                 | 18.0                    |
|                   |                 | 20.0                    | 69.2            | 47.6                   | 21 000*                 | 71.6             | 47.2                   | 15 400*                 | 74.0             | 46.5                   | 9 700*                  | 20.0                    |
|                   |                 | 22.0                    | 66.6            | 46.7                   | 20 500*                 | 69.0             | 46.3                   | 14 400*                 | 71.4             | 45.6                   | 9 200*                  | 22.0                    |
|                   |                 | 24.0                    | 64.0            | 45.7                   | 19 900*                 | 66.4             | 45.4                   | 13 600*                 | 68.7             | 44.6                   | 8 800*                  | 24.0                    |
|                   |                 | 26.0                    | 61.3            | 44.6                   | 19 500*                 | 63.7             | 44.2                   | 12 800*                 | 66.0             | 43.4                   | 8 400*                  | 26.0                    |
|                   |                 | 28.0                    | 58.6            | 43.4                   | 18 900*                 | 60.9             | 43.0                   | 12 200*                 | 63.1             | 42.2                   | 8 100*                  | 28.0                    |
| 32.0              | 52.8            | 40.5                    | 16 600*         | 55.0                   | 40.1                    | 11 000*          | 57.1                   | 39.2                    | 7 500*           | 32.0                   |                         |                         |
| 36.0              | 46.5            | 36.9                    | 14 900*         | 48.7                   | 36.5                    | 10 100*          | 50.6                   | 35.5                    | 7 000*           | 36.0                   |                         |                         |
| 40.0              | 39.4            | 32.4                    | 13 100          | 41.4                   | 31.9                    | 9 400*           |                        |                         |                  | 40.0                   |                         |                         |
| 44.0              | 30.9            | 26.4                    | 11 100          | 32.8                   | 25.7                    | 8 800*           |                        |                         |                  | 44.0                   |                         |                         |

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81 240 kg CRANE COUNTERWEIGHT

19 960 kg CARBODY COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

360 DEGREE RATING

### 12.2m (40 FT.) JIB

| BOOM LGTH. METERS          | BOOM LGTH. FEET      | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|----------------------------|----------------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                            |                      |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| <b>3<br/>9<br/>·<br/>6</b> | <b>1<br/>3<br/>0</b> | 12.2                    | 79.5            | 53.1                   | 23 900*                 |                  |                        |                         |                  |                        |                         | 12.2                    |
|                            |                      | 14.0                    | 77.4            | 52.7                   | 23 200*                 | 79.8             | 52.4                   | 19 800*                 |                  |                        |                         | 14.0                    |
|                            |                      | 16.0                    | 75.2            | 52.2                   | 22 500*                 | 77.5             | 51.8                   | 18 300*                 | 79.8             | 51.1                   | 11 000*                 | 16.0                    |
|                            |                      | 18.0                    | 72.8            | 51.6                   | 21 900*                 | 75.1             | 51.2                   | 17 000*                 | 77.5             | 50.5                   | 10 400*                 | 18.0                    |
|                            |                      | 20.0                    | 70.5            | 50.8                   | 21 300*                 | 72.8             | 50.5                   | 15 900*                 | 75.1             | 49.7                   | 9 900*                  | 20.0                    |
|                            |                      | 22.0                    | 68.1            | 50.0                   | 20 800*                 | 70.4             | 49.7                   | 14 900*                 | 72.6             | 48.9                   | 9 400*                  | 22.0                    |
|                            |                      | 24.0                    | 65.7            | 49.1                   | 20 300*                 | 67.9             | 48.8                   | 14 000*                 | 70.1             | 48.0                   | 9 000*                  | 24.0                    |
|                            |                      | 26.0                    | 63.2            | 48.1                   | 19 800*                 | 65.4             | 47.7                   | 13 300*                 | 67.6             | 46.9                   | 8 600*                  | 26.0                    |
|                            |                      | 28.0                    | 60.6            | 47.0                   | 19 400*                 | 62.9             | 46.6                   | 12 600*                 | 65.0             | 45.8                   | 8 300*                  | 28.0                    |
|                            |                      | 32.0                    | 55.3            | 44.3                   | 17 600*                 | 57.5             | 43.9                   | 11 500*                 | 59.5             | 43.1                   | 7 700*                  | 32.0                    |
| 36.0                       | 49.7                 | 41.1                    | 15 500          | 51.8                   | 40.7                    | 10 500*          | 53.6                   | 39.7                    | 7 300*           | 36.0                   |                         |                         |
| 40.0                       | 43.4                 | 37.1                    | 12 900          | 45.4                   | 36.6                    | 9 800*           | 47.1                   | 35.6                    | 6 900*           | 40.0                   |                         |                         |
| 44.0                       | 36.3                 | 32.1                    | 10 900          | 38.2                   | 31.5                    | 9 100*           |                        |                         |                  | 44.0                   |                         |                         |
| 48.0                       | 27.6                 | 25.3                    | 9 200           |                        |                         |                  |                        |                         |                  | 48.0                   |                         |                         |
| <b>4<br/>2<br/>·<br/>7</b> | <b>1<br/>4<br/>0</b> | 12.2                    | 80.1            | 56.2                   | 24 000*                 |                  |                        |                         |                  |                        |                         | 12.2                    |
|                            |                      | 14.0                    | 78.2            | 55.9                   | 23 400*                 | 80.4             | 55.5                   | 20 200*                 |                  |                        |                         | 14.0                    |
|                            |                      | 16.0                    | 76.0            | 55.4                   | 22 800*                 | 78.2             | 55.0                   | 18 700*                 |                  |                        |                         | 16.0                    |
|                            |                      | 18.0                    | 73.8            | 54.8                   | 22 200*                 | 76.0             | 54.4                   | 17 400*                 | 78.2             | 53.7                   | 10 600*                 | 18.0                    |
|                            |                      | 20.0                    | 71.6            | 54.1                   | 21 600*                 | 73.8             | 53.7                   | 16 300*                 | 76.0             | 53.0                   | 10 100*                 | 20.0                    |
|                            |                      | 22.0                    | 69.4            | 53.3                   | 21 100*                 | 71.5             | 53.0                   | 15 300*                 | 73.7             | 52.2                   | 9 600*                  | 22.0                    |
|                            |                      | 24.0                    | 67.1            | 52.5                   | 20 600*                 | 69.2             | 52.1                   | 14 500*                 | 71.3             | 51.3                   | 9 200*                  | 24.0                    |
|                            |                      | 26.0                    | 64.8            | 51.5                   | 20 100*                 | 66.9             | 51.2                   | 13 800*                 | 69.0             | 50.4                   | 8 800*                  | 26.0                    |
|                            |                      | 28.0                    | 62.4            | 50.5                   | 19 700*                 | 64.5             | 50.1                   | 13 000*                 | 66.6             | 49.3                   | 8 500*                  | 28.0                    |
|                            |                      | 32.0                    | 57.5            | 48.1                   | 18 400                  | 59.6             | 47.7                   | 11 900*                 | 61.5             | 46.8                   | 7 900*                  | 32.0                    |
| 36.0                       | 52.4                 | 45.1                    | 15 100          | 54.4                   | 44.7                    | 10 900*          | 56.2                   | 43.8                    | 7 400*           | 36.0                   |                         |                         |
| 40.0                       | 46.8                 | 41.5                    | 12 600          | 48.7                   | 41.1                    | 10 100*          | 50.4                   | 40.1                    | 7 000*           | 40.0                   |                         |                         |
| 44.0                       | 40.5                 | 37.1                    | 10 600          | 42.4                   | 36.6                    | 9 500*           | 43.9                   | 35.5                    | 6 700*           | 44.0                   |                         |                         |
| 48.0                       | 33.4                 | 31.6                    | 8 900           | 35.1                   | 30.9                    | 8 900            |                        |                         |                  | 48.0                   |                         |                         |
| <b>4<br/>5<br/>·<br/>7</b> | <b>1<br/>5<br/>0</b> | 12.2                    | 80.6            | 59.4                   | 24 200*                 |                  |                        |                         |                  |                        |                         | 12.2                    |
|                            |                      | 14.0                    | 78.8            | 59.0                   | 23 600*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                            |                      | 16.0                    | 76.8            | 58.5                   | 23 000*                 | 78.8             | 58.2                   | 19 200*                 |                  |                        |                         | 16.0                    |
|                            |                      | 18.0                    | 74.7            | 58.0                   | 22 400*                 | 76.8             | 57.6                   | 17 900*                 | 78.9             | 56.8                   | 10 700*                 | 18.0                    |
|                            |                      | 20.0                    | 72.6            | 57.3                   | 21 900*                 | 74.7             | 57.0                   | 16 800*                 | 76.7             | 56.2                   | 10 200*                 | 20.0                    |
|                            |                      | 22.0                    | 70.5            | 56.6                   | 21 300*                 | 72.6             | 56.2                   | 15 800*                 | 74.6             | 55.5                   | 9 800*                  | 22.0                    |
|                            |                      | 24.0                    | 68.4            | 55.8                   | 20 800*                 | 70.4             | 55.4                   | 14 900*                 | 72.4             | 54.6                   | 9 400*                  | 24.0                    |
|                            |                      | 26.0                    | 66.2            | 54.9                   | 20 400*                 | 68.2             | 54.5                   | 14 200*                 | 70.2             | 53.7                   | 9 100*                  | 26.0                    |
|                            |                      | 28.0                    | 64.0            | 53.9                   | 20 000*                 | 66.0             | 53.6                   | 13 500*                 | 68.0             | 52.7                   | 8 700*                  | 28.0                    |
|                            |                      | 32.0                    | 59.5            | 51.7                   | 18 200                  | 61.4             | 51.3                   | 12 300*                 | 63.3             | 50.4                   | 8 100*                  | 32.0                    |
| 36.0                       | 54.7                 | 49.0                    | 14 900          | 56.6                   | 48.5                    | 11 300*          | 58.4                   | 47.6                    | 7 600*           | 36.0                   |                         |                         |
| 40.0                       | 49.6                 | 45.7                    | 12 400          | 51.5                   | 45.3                    | 10 500*          | 53.1                   | 44.3                    | 7 200*           | 40.0                   |                         |                         |
| 44.0                       | 44.0                 | 41.8                    | 10 300          | 45.8                   | 41.3                    | 9 800*           | 47.3                   | 40.2                    | 6 900*           | 44.0                   |                         |                         |
| 48.0                       | 37.8                 | 37.0                    | 8 600           | 39.5                   | 36.4                    | 8 900            |                        |                         |                  | 48.0                   |                         |                         |
| 52.0                       | 30.6                 | 30.8                    | 7 200           |                        |                         |                  |                        |                         |                  | 52.0                   |                         |                         |
| <b>4<br/>8<br/>·<br/>8</b> | <b>1<br/>6<br/>0</b> | 13.7                    | 79.7            | 62.2                   | 23 900*                 |                  |                        |                         |                  |                        |                         | 13.7                    |
|                            |                      | 14.0                    | 79.4            | 62.1                   | 23 800*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                            |                      | 16.0                    | 77.4            | 61.6                   | 23 200*                 | 79.4             | 61.3                   | 19 500*                 |                  |                        |                         | 16.0                    |
|                            |                      | 18.0                    | 75.5            | 61.1                   | 22 600*                 | 77.5             | 60.8                   | 18 300*                 | 79.5             | 60.0                   | 10 900*                 | 18.0                    |
|                            |                      | 20.0                    | 73.5            | 60.5                   | 22 100*                 | 75.5             | 60.2                   | 17 200*                 | 77.5             | 59.4                   | 10 400*                 | 20.0                    |
|                            |                      | 22.0                    | 71.5            | 59.8                   | 21 600*                 | 73.5             | 59.5                   | 16 200*                 | 75.4             | 58.7                   | 10 000*                 | 22.0                    |
|                            |                      | 24.0                    | 69.5            | 59.1                   | 21 100*                 | 71.5             | 58.7                   | 15 300*                 | 73.4             | 57.9                   | 9 600*                  | 24.0                    |
|                            |                      | 26.0                    | 67.5            | 58.3                   | 20 700*                 | 69.4             | 57.9                   | 14 600*                 | 71.3             | 57.1                   | 9 200*                  | 26.0                    |
|                            |                      | 28.0                    | 65.4            | 57.3                   | 20 200*                 | 67.3             | 57.0                   | 13 900*                 | 69.2             | 56.1                   | 8 900*                  | 28.0                    |
|                            |                      | 32.0                    | 61.2            | 55.2                   | 18 100                  | 63.0             | 54.8                   | 12 700*                 | 64.8             | 54.0                   | 8 300*                  | 32.0                    |
| 36.0                       | 56.7                 | 52.7                    | 14 800          | 58.6                   | 52.3                    | 11 700*          | 60.3                   | 51.4                    | 7 800*           | 36.0                   |                         |                         |
| 40.0                       | 52.0                 | 49.7                    | 12 300          | 53.8                   | 49.3                    | 10 900*          | 55.4                   | 48.3                    | 7 400*           | 40.0                   |                         |                         |
| 44.0                       | 47.0                 | 46.1                    | 10 200          | 48.7                   | 45.7                    | 10 100*          | 50.2                   | 44.6                    | 7 000*           | 44.0                   |                         |                         |
| 48.0                       | 41.5                 | 41.9                    | 8 500           | 43.1                   | 41.3                    | 8 700            | 44.5                   | 40.2                    | 6 800*           | 48.0                   |                         |                         |
| 52.0                       | 35.2                 | 36.6                    | 7 100           | 36.8                   | 36.0                    | 7 300            |                        |                         |                  | 52.0                   |                         |                         |
| 56.0                       | 27.8                 | 29.8                    | 5 900           |                        |                         |                  |                        |                         |                  | 56.0                   |                         |                         |



# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

JIB NO. 134 WITH 3 810 mm STRUT ON

BOOM NO. 22EL

81 240 kg CRANE COUNTERWEIGHT

19 960 kg CARBODY COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

360 DEGREE RATING

### 12.2m (40 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| 5<br>1<br>8       | 1<br>7<br>0     | 13.7                    | 80.2            | 65.3                   | 24 100*                 |                  |                        |                         |                  |                        |                         | 13.7                    |
|                   |                 | 14.0                    | 79.9            | 65.2                   | 24 000*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 78.0            | 64.8                   | 23 400*                 | 79.9             | 64.4                   | 19 900*                 |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 76.2            | 64.3                   | 22 800*                 | 78.1             | 63.9                   | 18 700*                 |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 74.3            | 63.7                   | 22 300*                 | 76.2             | 63.4                   | 17 600*                 | 78.1             | 62.6                   | 10 600*                 | 20.0                    |
|                   |                 | 22.0                    | 72.5            | 63.1                   | 21 800*                 | 74.3             | 62.7                   | 16 600*                 | 76.2             | 61.9                   | 10 200*                 | 22.0                    |
|                   |                 | 24.0                    | 70.6            | 62.4                   | 21 300*                 | 72.4             | 62.0                   | 15 800*                 | 74.2             | 61.2                   | 9 700*                  | 24.0                    |
|                   |                 | 26.0                    | 68.6            | 61.6                   | 20 900*                 | 70.5             | 61.2                   | 15 000*                 | 72.3             | 60.4                   | 9 400*                  | 26.0                    |
|                   |                 | 28.0                    | 66.7            | 60.7                   | 20 500*                 | 68.5             | 60.3                   | 14 300*                 | 70.3             | 59.5                   | 9 100*                  | 28.0                    |
|                   |                 | 32.0                    | 62.7            | 58.7                   | 17 800                  | 64.5             | 58.3                   | 13 100*                 | 66.2             | 57.5                   | 8 500*                  | 32.0                    |
|                   |                 | 36.0                    | 58.5            | 56.4                   | 14 600                  | 60.3             | 55.9                   | 12 100*                 | 61.9             | 55.1                   | 8 000*                  | 36.0                    |
|                   |                 | 40.0                    | 54.2            | 53.6                   | 12 000                  | 55.9             | 53.1                   | 11 200*                 | 57.5             | 52.2                   | 7 500*                  | 40.0                    |
|                   |                 | 44.0                    | 49.5            | 50.3                   | 10 000                  | 51.2             | 49.8                   | 10 200                  | 52.7             | 48.8                   | 7 200*                  | 44.0                    |
|                   |                 | 48.0                    | 44.5            | 46.4                   | 8 300                   | 46.2             | 45.9                   | 8 500                   | 47.5             | 44.8                   | 6 900*                  | 48.0                    |
| 52.0              | 39.0            | 41.8                    | 6 900           | 40.6                   | 41.2                    | 7 100            |                        |                         |                  | 52.0                   |                         |                         |
| 56.0              | 32.8            | 36.0                    | 5 700           | 34.2                   | 35.4                    | 5 900            |                        |                         |                  | 56.0                   |                         |                         |
| 60.0              | 25.1            | 28.4                    | 4 700           |                        |                         |                  |                        |                         |                  | 60.0                   |                         |                         |
| 5<br>4<br>9       | 1<br>8<br>0     | 13.7                    | 80.6            | 68.4                   | 24 200*                 |                  |                        |                         |                  |                        |                         | 13.7                    |
|                   |                 | 14.0                    | 80.3            | 68.3                   | 24 100*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 78.6            | 67.9                   | 23 600*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 76.8            | 67.4                   | 23 000*                 | 78.6             | 67.1                   | 19 000*                 |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 75.1            | 66.9                   | 22 500*                 | 76.9             | 66.5                   | 18 000*                 | 78.7             | 65.7                   | 10 700*                 | 20.0                    |
|                   |                 | 22.0                    | 73.3            | 66.3                   | 22 000*                 | 75.1             | 65.9                   | 17 000*                 | 76.8             | 65.1                   | 10 300*                 | 22.0                    |
|                   |                 | 24.0                    | 71.5            | 65.6                   | 21 500*                 | 73.2             | 65.2                   | 16 100*                 | 75.0             | 64.4                   | 9 900*                  | 24.0                    |
|                   |                 | 26.0                    | 69.7            | 64.9                   | 21 100*                 | 71.4             | 64.5                   | 15 300*                 | 73.1             | 63.7                   | 9 500*                  | 26.0                    |
|                   |                 | 28.0                    | 67.8            | 64.0                   | 20 600                  | 69.5             | 63.7                   | 14 600*                 | 71.3             | 62.8                   | 9 200*                  | 28.0                    |
|                   |                 | 32.0                    | 64.0            | 62.2                   | 17 400                  | 65.7             | 61.8                   | 13 400*                 | 67.4             | 60.9                   | 8 600*                  | 32.0                    |
|                   |                 | 36.0                    | 60.1            | 59.9                   | 14 300                  | 61.8             | 59.5                   | 12 400*                 | 63.4             | 58.7                   | 8 100*                  | 36.0                    |
|                   |                 | 40.0                    | 56.0            | 57.3                   | 11 800                  | 57.7             | 56.9                   | 11 500*                 | 59.2             | 56.0                   | 7 700*                  | 40.0                    |
|                   |                 | 44.0                    | 51.7            | 54.3                   | 9 700                   | 53.4             | 53.9                   | 10 000                  | 54.8             | 52.9                   | 7 400*                  | 44.0                    |
|                   |                 | 48.0                    | 47.2            | 50.8                   | 8 000                   | 48.8             | 50.3                   | 8 300                   | 50.1             | 49.2                   | 7 000*                  | 48.0                    |
| 52.0              | 42.2            | 46.6                    | 6 600           | 43.7                   | 46.0                    | 6 800            | 45.0                   | 44.9                    | 6 800            | 52.0                   |                         |                         |
| 56.0              | 36.7            | 41.5                    | 5 400           | 38.2                   | 40.9                    | 5 600            |                        |                         |                  | 56.0                   |                         |                         |
| 60.0              | 30.3            | 35.2                    | 4 400           |                        |                         |                  |                        |                         |                  | 60.0                   |                         |                         |
| 64.0              | 22.3            | 26.7                    | 3 600           |                        |                         |                  |                        |                         |                  | 64.0                   |                         |                         |
| 5<br>7<br>9       | 1<br>9<br>0     | 13.7                    | 81.0            | 71.5                   | 24 400*                 |                  |                        |                         |                  |                        |                         | 13.7                    |
|                   |                 | 14.0                    | 80.8            | 71.4                   | 24 300*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 79.1            | 71.0                   | 23 700*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 77.4            | 70.6                   | 23 200*                 | 79.1             | 70.2                   | 19 400*                 |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 75.7            | 70.1                   | 22 700*                 | 77.4             | 69.7                   | 18 300*                 | 79.2             | 68.9                   | 10 800*                 | 20.0                    |
|                   |                 | 22.0                    | 74.0            | 69.5                   | 22 200*                 | 75.7             | 69.1                   | 17 300*                 | 77.4             | 68.3                   | 10 400*                 | 22.0                    |
|                   |                 | 24.0                    | 72.3            | 68.8                   | 21 800*                 | 74.0             | 68.5                   | 16 500*                 | 75.7             | 67.7                   | 10 000*                 | 24.0                    |
|                   |                 | 26.0                    | 70.6            | 68.1                   | 21 300                  | 72.3             | 67.7                   | 15 700*                 | 73.9             | 66.9                   | 9 700*                  | 26.0                    |
|                   |                 | 28.0                    | 68.8            | 67.3                   | 20 600                  | 70.5             | 67.0                   | 15 000*                 | 72.1             | 66.1                   | 9 400*                  | 28.0                    |
|                   |                 | 32.0                    | 65.2            | 65.6                   | 16 900                  | 66.9             | 65.2                   | 13 700*                 | 68.5             | 64.3                   | 8 800*                  | 32.0                    |
|                   |                 | 36.0                    | 61.6            | 63.5                   | 14 000                  | 63.2             | 63.1                   | 12 700*                 | 64.7             | 62.2                   | 8 300*                  | 36.0                    |
|                   |                 | 40.0                    | 57.7            | 61.0                   | 11 400                  | 59.3             | 60.6                   | 11 800                  | 60.8             | 59.7                   | 7 900*                  | 40.0                    |
|                   |                 | 44.0                    | 53.7            | 58.2                   | 9 400                   | 55.3             | 57.8                   | 9 700                   | 56.7             | 56.8                   | 7 500*                  | 44.0                    |
|                   |                 | 48.0                    | 49.5            | 54.9                   | 7 700                   | 51.0             | 54.4                   | 8 000                   | 52.3             | 53.4                   | 7 200*                  | 48.0                    |
| 52.0              | 44.9            | 51.1                    | 6 300           | 46.4                   | 50.6                    | 6 600            | 47.7                   | 49.5                    | 6 800            | 52.0                   |                         |                         |
| 56.0              | 40.0            | 46.5                    | 5 100           | 41.4                   | 46.0                    | 5 300            |                        |                         |                  | 56.0                   |                         |                         |
| 60.0              | 34.5            | 41.1                    | 4 100           | 35.8                   | 40.4                    | 4 300            |                        |                         |                  | 60.0                   |                         |                         |
| 64.0              | 28.0            | 34.2                    | 3 200           |                        |                         |                  |                        |                         |                  | 64.0                   |                         |                         |

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81 240 kg CRANE COUNTERWEIGHT

19 960 kg CARBODY COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

360 DEGREE RATING

### 12.2m (40 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| 6<br>1<br>0       | 2<br>0<br>0     | 15.2                    | 80.2            | 74.3                   | 24 100*                 |                  |                        |                         |                  |                        |                         | 15.2                    |
|                   |                 | 16.0                    | 79.6            | 74.1                   | 23 900*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 78.0            | 73.7                   | 23 400*                 | 79.6             | 73.3                   | 19 700*                 |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 76.3            | 73.2                   | 22 900*                 | 78.0             | 72.8                   | 18 600*                 | 79.6             | 72.1                   | 11 000*                 | 20.0                    |
|                   |                 | 22.0                    | 74.7            | 72.7                   | 22 400*                 | 76.4             | 72.3                   | 17 700*                 | 78.0             | 71.5                   | 10 600*                 | 22.0                    |
|                   |                 | 24.0                    | 73.1            | 72.0                   | 22 000*                 | 74.7             | 71.7                   | 16 800*                 | 76.3             | 70.9                   | 10 200*                 | 24.0                    |
|                   |                 | 26.0                    | 71.4            | 71.4                   | 21 500                  | 73.0             | 71.0                   | 16 000*                 | 74.6             | 70.2                   | 9 800*                  | 26.0                    |
|                   |                 | 28.0                    | 69.8            | 70.6                   | 19 900                  | 71.4             | 70.2                   | 15 300*                 | 72.9             | 69.4                   | 9 500*                  | 28.0                    |
|                   |                 | 32.0                    | 66.4            | 68.9                   | 16 300                  | 67.9             | 68.5                   | 14 100*                 | 69.5             | 67.7                   | 8 900*                  | 32.0                    |
|                   |                 | 36.0                    | 62.9            | 66.9                   | 13 500                  | 64.4             | 66.5                   | 13 100*                 | 65.9             | 65.7                   | 8 500*                  | 36.0                    |
|                   |                 | 40.0                    | 59.2            | 64.6                   | 11 200                  | 60.8             | 64.2                   | 11 600                  | 62.2             | 63.3                   | 8 000*                  | 40.0                    |
|                   |                 | 44.0                    | 55.5            | 62.0                   | 9 100                   | 57.0             | 61.5                   | 9 500                   | 58.4             | 60.6                   | 7 600*                  | 44.0                    |
|                   |                 | 48.0                    | 51.5            | 58.9                   | 7 500                   | 53.0             | 58.5                   | 7 700                   | 54.3             | 57.5                   | 7 300*                  | 48.0                    |
|                   |                 | 52.0                    | 47.3            | 55.4                   | 6 000                   | 48.8             | 54.9                   | 6 300                   | 50.0             | 53.8                   | 6 500                   | 52.0                    |
|                   |                 | 56.0                    | 42.8            | 51.2                   | 4 800                   | 44.2             | 50.7                   | 5 100                   | 45.4             | 49.5                   | 5 200                   | 56.0                    |
|                   |                 | 60.0                    | 37.9            | 46.4                   | 3 800                   | 39.2             | 45.8                   | 4 000                   |                  |                        |                         | 60.0                    |
| 64.0              | 32.3            | 40.5                    | 2 900           | 33.5                   | 39.8                    | 3 100            |                        |                         |                  | 64.0                   |                         |                         |
| 68.0              | 25.6            | 32.9                    | 2 200           |                        |                         |                  |                        |                         |                  | 68.0                   |                         |                         |
| 6<br>4<br>0       | 2<br>1<br>0     | 15.2                    | 80.6            | 77.4                   | 24 200*                 |                  |                        |                         |                  |                        |                         | 15.2                    |
|                   |                 | 16.0                    | 80.0            | 77.2                   | 24 000*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 78.5            | 76.8                   | 23 500*                 | 80.0             | 76.5                   | 20 000*                 |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 76.9            | 76.4                   | 23 000*                 | 78.5             | 76.0                   | 19 000*                 | 80.1             | 75.2                   | 11 100*                 | 20.0                    |
|                   |                 | 22.0                    | 75.3            | 75.8                   | 22 600*                 | 76.9             | 75.5                   | 18 000*                 | 78.5             | 74.7                   | 10 700*                 | 22.0                    |
|                   |                 | 24.0                    | 73.8            | 75.2                   | 22 200*                 | 75.3             | 74.9                   | 17 200*                 | 76.9             | 74.1                   | 10 300*                 | 24.0                    |
|                   |                 | 26.0                    | 72.2            | 74.6                   | 21 500                  | 73.8             | 74.2                   | 16 400*                 | 75.3             | 73.4                   | 10 000*                 | 26.0                    |
|                   |                 | 28.0                    | 70.6            | 73.9                   | 19 300                  | 72.1             | 73.5                   | 15 700*                 | 73.7             | 72.7                   | 9 700*                  | 28.0                    |
|                   |                 | 32.0                    | 67.4            | 72.3                   | 15 900                  | 68.9             | 71.9                   | 14 400*                 | 70.4             | 71.0                   | 9 100*                  | 32.0                    |
|                   |                 | 36.0                    | 64.0            | 70.4                   | 13 100                  | 65.5             | 70.0                   | 13 400*                 | 67.0             | 69.1                   | 8 600*                  | 36.0                    |
|                   |                 | 40.0                    | 60.6            | 68.2                   | 10 900                  | 62.1             | 67.8                   | 11 300                  | 63.5             | 66.9                   | 8 200*                  | 40.0                    |
|                   |                 | 44.0                    | 57.1            | 65.7                   | 8 900                   | 58.5             | 65.3                   | 9 300                   | 59.9             | 64.3                   | 7 800*                  | 44.0                    |
|                   |                 | 48.0                    | 53.3            | 62.8                   | 7 200                   | 54.8             | 62.4                   | 7 500                   | 56.1             | 61.4                   | 7 400*                  | 48.0                    |
|                   |                 | 52.0                    | 49.4            | 59.5                   | 5 800                   | 50.8             | 59.0                   | 6 100                   | 52.1             | 58.0                   | 6 300                   | 52.0                    |
|                   |                 | 56.0                    | 45.3            | 55.7                   | 4 600                   | 46.7             | 55.2                   | 4 800                   | 47.8             | 54.1                   | 5 100                   | 56.0                    |
|                   |                 | 60.0                    | 40.8            | 51.3                   | 3 600                   | 42.1             | 50.7                   | 3 800                   |                  |                        |                         | 60.0                    |
| 64.0              | 35.8            | 46.0                    | 2 700           | 37.1                   | 45.4                    | 2 900            |                        |                         |                  | 64.0                   |                         |                         |
| 68.0              | 30.2            | 39.6                    | 2 000           |                        |                         |                  |                        |                         |                  | 68.0                   |                         |                         |
| 6<br>7<br>1       | 2<br>2<br>0     | 15.2                    | 81.0            | 80.5                   | 24 400*                 |                  |                        |                         |                  |                        |                         | 15.2                    |
|                   |                 | 16.0                    | 80.4            | 80.3                   | 24 200*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 78.9            | 79.9                   | 23 700*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 77.4            | 79.5                   | 23 200*                 | 78.9             | 79.1                   | 19 300*                 | 80.5             | 78.3                   | 11 200*                 | 20.0                    |
|                   |                 | 22.0                    | 75.9            | 79.0                   | 22 800*                 | 77.4             | 78.6                   | 18 300*                 | 79.0             | 77.8                   | 10 800*                 | 22.0                    |
|                   |                 | 24.0                    | 74.4            | 78.4                   | 22 300*                 | 75.9             | 78.0                   | 17 500*                 | 77.4             | 77.2                   | 10 500*                 | 24.0                    |
|                   |                 | 26.0                    | 72.9            | 77.8                   | 20 900                  | 74.4             | 77.4                   | 16 700*                 | 75.9             | 76.6                   | 10 100*                 | 26.0                    |
|                   |                 | 28.0                    | 71.4            | 77.1                   | 18 800                  | 72.9             | 76.7                   | 16 000*                 | 74.3             | 75.9                   | 9 800*                  | 28.0                    |
|                   |                 | 32.0                    | 68.3            | 75.6                   | 15 400                  | 69.8             | 75.2                   | 14 700*                 | 71.2             | 74.3                   | 9 200*                  | 32.0                    |
|                   |                 | 36.0                    | 65.1            | 73.8                   | 12 700                  | 66.6             | 73.4                   | 13 200                  | 68.0             | 72.5                   | 8 700*                  | 36.0                    |
|                   |                 | 40.0                    | 61.8            | 71.7                   | 10 500                  | 63.3             | 71.3                   | 10 900                  | 64.6             | 70.4                   | 8 300*                  | 40.0                    |
|                   |                 | 44.0                    | 58.5            | 69.3                   | 8 600                   | 59.9             | 68.9                   | 9 000                   | 61.2             | 68.0                   | 7 900*                  | 44.0                    |
|                   |                 | 48.0                    | 55.0            | 66.6                   | 6 900                   | 56.4             | 66.2                   | 7 300                   | 57.6             | 65.2                   | 7 500                   | 48.0                    |
|                   |                 | 52.0                    | 51.3            | 63.5                   | 5 500                   | 52.7             | 63.0                   | 5 800                   | 53.9             | 62.0                   | 6 100                   | 52.0                    |
|                   |                 | 56.0                    | 47.5            | 60.0                   | 4 300                   | 48.8             | 59.5                   | 4 600                   | 49.9             | 58.4                   | 4 800                   | 56.0                    |
|                   |                 | 60.0                    | 43.3            | 55.9                   | 3 300                   | 44.6             | 55.4                   | 3 500                   | 45.7             | 54.2                   | 3 700                   | 60.0                    |
| 64.0              | 38.8            | 51.2                    | 2 400           | 40.1                   | 50.6                    | 2 600            |                        |                         |                  | 64.0                   |                         |                         |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

JIB NO. 134 WITH 3 810 mm STRUT ON

BOOM NO. 22EL

81 240 kg CRANE COUNTERWEIGHT

19 960 kg CARBODY COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

360 DEGREE RATING

### 12.2m (40 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| 70-1              | 230             | 16.8                    | 80.2            | 83.3                   | 24 100*                 |                  |                        |                         |                  |                        |                         | 16.8                    |
|                   |                 | 18.0                    | 79.3            | 83.1                   | 23 800*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 77.9            | 82.6                   | 23 400*                 | 79.4             | 82.3                   | 19 600*                 | 80.8             | 81.4                   | 11 300*                 | 20.0                    |
|                   |                 | 22.0                    | 76.5            | 82.1                   | 22 900*                 | 77.9             | 81.8                   | 18 700*                 | 79.4             | 81.0                   | 10 900*                 | 22.0                    |
|                   |                 | 24.0                    | 75.0            | 81.6                   | 22 300                  | 76.5             | 81.2                   | 17 800*                 | 77.9             | 80.4                   | 10 600*                 | 24.0                    |
|                   |                 | 26.0                    | 73.6            | 81.0                   | 20 300                  | 75.0             | 80.6                   | 17 000*                 | 76.4             | 79.8                   | 10 200*                 | 26.0                    |
|                   |                 | 28.0                    | 72.1            | 80.3                   | 18 200                  | 73.5             | 80.0                   | 16 300*                 | 75.0             | 79.1                   | 9 900*                  | 28.0                    |
|                   |                 | 32.0                    | 69.1            | 78.9                   | 14 800                  | 70.5             | 78.5                   | 15 100*                 | 71.9             | 77.6                   | 9 300*                  | 32.0                    |
|                   |                 | 36.0                    | 66.1            | 77.2                   | 12 200                  | 67.5             | 76.8                   | 12 700                  | 68.9             | 75.9                   | 8 900*                  | 36.0                    |
|                   |                 | 40.0                    | 63.0            | 75.2                   | 10 000                  | 64.4             | 74.8                   | 10 400                  | 65.7             | 73.9                   | 8 400*                  | 40.0                    |
|                   |                 | 44.0                    | 59.8            | 72.9                   | 8 100                   | 61.2             | 72.5                   | 8 600                   | 62.4             | 71.6                   | 8 000*                  | 44.0                    |
|                   |                 | 48.0                    | 56.5            | 70.3                   | 6 600                   | 57.8             | 69.9                   | 7 000                   | 59.1             | 68.9                   | 7 300                   | 48.0                    |
|                   |                 | 52.0                    | 53.0            | 67.4                   | 5 200                   | 54.3             | 67.0                   | 5 500                   | 55.5             | 66.0                   | 5 800                   | 52.0                    |
|                   |                 | 56.0                    | 49.4            | 64.1                   | 4 000                   | 50.7             | 63.6                   | 4 300                   | 51.8             | 62.6                   | 4 500                   | 56.0                    |
| 60.0              | 45.6            | 60.3                    | 3 000           | 46.8                   | 59.8                    | 3 200            | 47.9                   | 58.7                    | 3 400            | 60.0                   |                         |                         |
| 64.0              | 41.5            | 56.0                    | 2 100           | 42.7                   | 55.4                    | 2 300            | 43.6                   | 54.2                    | 2 400            | 64.0                   |                         |                         |
| 73-2              | 240             | 16.8                    | 80.5            | 86.4                   | 24 300*                 |                  |                        |                         |                  |                        |                         | 16.8                    |
|                   |                 | 18.0                    | 79.7            | 86.2                   | 24 000*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 78.3            | 85.7                   | 23 500*                 | 79.7             | 85.4                   | 19 900*                 |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 77.0            | 85.3                   | 23 100*                 | 78.4             | 84.9                   | 18 900*                 | 79.8             | 84.1                   | 11 000*                 | 22.0                    |
|                   |                 | 24.0                    | 75.6            | 84.8                   | 22 000                  | 77.0             | 84.4                   | 18 100*                 | 78.4             | 83.6                   | 10 700*                 | 24.0                    |
|                   |                 | 26.0                    | 74.2            | 84.2                   | 19 700                  | 75.6             | 83.8                   | 17 300*                 | 77.0             | 83.0                   | 10 400*                 | 26.0                    |
|                   |                 | 28.0                    | 72.8            | 83.6                   | 17 700                  | 74.1             | 83.2                   | 16 600*                 | 75.5             | 82.3                   | 10 000*                 | 28.0                    |
|                   |                 | 32.0                    | 69.9            | 82.1                   | 14 300                  | 71.3             | 81.8                   | 15 000                  | 72.6             | 80.9                   | 9 500*                  | 32.0                    |
|                   |                 | 36.0                    | 67.0            | 80.5                   | 11 700                  | 68.4             | 80.1                   | 12 200                  | 69.7             | 79.2                   | 9 000*                  | 36.0                    |
|                   |                 | 40.0                    | 64.0            | 78.6                   | 9 500                   | 65.4             | 78.2                   | 10 000                  | 66.7             | 77.3                   | 8 600*                  | 40.0                    |
|                   |                 | 44.0                    | 61.0            | 76.4                   | 7 700                   | 62.3             | 76.0                   | 8 100                   | 63.6             | 75.1                   | 8 200*                  | 44.0                    |
|                   |                 | 48.0                    | 57.8            | 74.0                   | 6 200                   | 59.1             | 73.6                   | 6 600                   | 60.3             | 72.6                   | 6 900                   | 48.0                    |
|                   |                 | 52.0                    | 54.6            | 71.2                   | 4 900                   | 55.9             | 70.8                   | 5 200                   | 57.0             | 69.8                   | 5 500                   | 52.0                    |
|                   |                 | 56.0                    | 51.2            | 68.1                   | 3 700                   | 52.4             | 67.6                   | 4 000                   | 53.5             | 66.6                   | 4 200                   | 56.0                    |
| 60.0              | 47.6            | 64.6                    | 2 700           | 48.8                   | 64.1                    | 2 900            | 49.9                   | 63.0                    | 3 200            | 60.0                   |                         |                         |
| 64.0              | 43.8            | 60.6                    | 1 800           | 45.0                   | 60.0                    | 2 000            | 45.9                   | 58.9                    | 2 200            | 64.0                   |                         |                         |
| 76-2              | 250             | 16.8                    | 80.9            | 89.5                   | 24 400*                 |                  |                        |                         |                  |                        |                         | 16.8                    |
|                   |                 | 18.0                    | 80.1            | 89.3                   | 24 100*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 78.7            | 88.9                   | 23 600*                 |                  |                        | 20 100*                 |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 77.4            | 88.4                   | 23 200*                 | 80.1             | 88.5                   | 19 200*                 | 80.1             | 87.2                   | 11 100*                 | 22.0                    |
|                   |                 | 24.0                    | 76.1            | 87.9                   | 21 900                  | 77.4             | 87.5                   | 18 400*                 | 78.8             | 86.7                   | 10 800*                 | 24.0                    |
|                   |                 | 26.0                    | 74.7            | 87.4                   | 19 500                  | 76.1             | 87.0                   | 17 600*                 | 77.4             | 86.2                   | 10 500*                 | 26.0                    |
|                   |                 | 28.0                    | 73.4            | 86.8                   | 17 600                  | 74.7             | 86.4                   | 16 900*                 | 76.1             | 85.5                   | 10 200*                 | 28.0                    |
|                   |                 | 32.0                    | 70.6            | 85.4                   | 14 200                  | 72.0             | 85.0                   | 14 900                  | 73.3             | 84.2                   | 9 600*                  | 32.0                    |
|                   |                 | 36.0                    | 67.8            | 83.8                   | 11 600                  | 69.2             | 83.4                   | 12 200                  | 70.4             | 82.6                   | 9 100*                  | 36.0                    |
|                   |                 | 40.0                    | 65.0            | 82.0                   | 9 500                   | 66.3             | 81.6                   | 10 000                  | 67.5             | 80.7                   | 8 700*                  | 40.0                    |
|                   |                 | 44.0                    | 62.1            | 79.9                   | 7 700                   | 63.4             | 79.5                   | 8 100                   | 64.6             | 78.6                   | 8 300*                  | 44.0                    |
|                   |                 | 48.0                    | 59.1            | 77.6                   | 6 200                   | 60.3             | 77.2                   | 6 600                   | 61.5             | 76.2                   | 6 900                   | 48.0                    |
|                   |                 | 52.0                    | 56.0            | 75.0                   | 4 900                   | 57.2             | 74.5                   | 5 200                   | 58.4             | 73.6                   | 5 500                   | 52.0                    |
|                   |                 | 56.0                    | 52.8            | 72.0                   | 3 800                   | 54.0             | 71.6                   | 4 100                   | 55.1             | 70.6                   | 4 300                   | 56.0                    |
| 60.0              | 49.4            | 68.7                    | 2 800           | 50.6                   | 68.2                    | 3 000            | 51.6                   | 67.2                    | 3 200            | 60.0                   |                         |                         |
| 64.0              | 45.8            | 64.9                    | 1 900           | 47.0                   | 64.4                    | 2 100            | 48.0                   | 63.3                    | 2 300            | 64.0                   |                         |                         |
| 79-2              | 260             | 18.3                    | 80.2            | 92.3                   | 24 100*                 |                  |                        |                         |                  |                        |                         | 18.3                    |
|                   |                 | 20.0                    | 79.1            | 92.0                   | 23 800*                 | 80.4             | 91.6                   | 20 400*                 |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 77.8            | 91.5                   | 23 200                  | 79.2             | 91.2                   | 19 500*                 | 80.5             | 90.4                   | 11 300*                 | 22.0                    |
|                   |                 | 24.0                    | 76.6            | 91.1                   | 21 300                  | 77.9             | 90.7                   | 18 700*                 | 79.2             | 89.9                   | 10 900*                 | 24.0                    |
|                   |                 | 26.0                    | 75.3            | 90.5                   | 19 000                  | 76.6             | 90.1                   | 17 900*                 | 77.9             | 89.3                   | 10 600*                 | 26.0                    |
|                   |                 | 28.0                    | 73.9            | 90.0                   | 17 000                  | 75.2             | 89.6                   | 17 200*                 | 76.5             | 88.7                   | 10 300*                 | 28.0                    |
|                   |                 | 32.0                    | 71.3            | 88.6                   | 13 800                  | 72.6             | 88.2                   | 14 400                  | 73.9             | 87.4                   | 9 700*                  | 32.0                    |
|                   |                 | 36.0                    | 68.6            | 87.1                   | 11 200                  | 69.9             | 86.7                   | 11 700                  | 71.1             | 85.9                   | 9 200*                  | 36.0                    |
|                   |                 | 40.0                    | 65.9            | 85.4                   | 9 100                   | 67.2             | 85.0                   | 9 500                   | 68.4             | 84.1                   | 8 800*                  | 40.0                    |
|                   |                 | 44.0                    | 63.1            | 83.4                   | 7 300                   | 64.3             | 83.0                   | 7 700                   | 65.5             | 82.1                   | 8 100                   | 44.0                    |
|                   |                 | 48.0                    | 60.2            | 81.2                   | 5 800                   | 61.5             | 80.7                   | 6 200                   | 62.6             | 79.8                   | 6 500                   | 48.0                    |
|                   |                 | 52.0                    | 57.3            | 78.7                   | 4 500                   | 58.5             | 78.2                   | 4 800                   | 59.6             | 77.3                   | 5 200                   | 52.0                    |
|                   |                 | 56.0                    | 54.2            | 75.9                   | 3 400                   | 55.4             | 75.4                   | 3 700                   | 56.5             | 74.4                   | 4 000                   | 56.0                    |
|                   |                 | 60.0                    | 51.0            | 72.7                   | 2 400                   | 52.2             | 72.2                   | 2 700                   | 53.2             | 71.2                   | 2 900                   | 60.0                    |
| 64.0              |                 |                         |                 | 48.8                   | 68.7                    | 1 800            | 49.8                   | 67.6                    | 2 000            | 64.0                   |                         |                         |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

JIB NO. 134 WITH 3 810 mm STRUT ON  
BOOM NO. 22EL  
81 240 kg CRANE COUNTERWEIGHT  
19 960 kg CARBODY COUNTERWEIGHT  
8 585 mm CRAWLERS EXTENDED  
360 DEGREE RATING

### 15.2m (50 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| <b>27.4</b>       | <b>90</b>       | 10.7                    | 79.6            | 44.1                   | 19 400*                 |                  |                        |                         |                  |                        |                         | 10.7                    |
|                   |                 | 12.0                    | 77.8            | 43.8                   | 18 900*                 |                  |                        |                         |                  |                        |                         | 12.0                    |
|                   |                 | 14.0                    | 75.0            | 43.2                   | 18 200*                 | 78.6             | 42.9                   | 16 300*                 |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 72.2            | 42.6                   | 17 500*                 | 75.7             | 42.2                   | 14 900*                 | 79.8             | 41.5                   | 8 500*                  | 16.0                    |
|                   |                 | 18.0                    | 69.3            | 41.8                   | 17 000*                 | 72.8             | 41.4                   | 13 700*                 | 76.8             | 40.8                   | 7 900*                  | 18.0                    |
|                   |                 | 20.0                    | 66.4            | 40.9                   | 16 500*                 | 69.8             | 40.5                   | 12 600*                 | 73.8             | 39.8                   | 7 400*                  | 20.0                    |
|                   |                 | 22.0                    | 63.3            | 39.9                   | 15 900*                 | 66.8             | 39.5                   | 11 700*                 | 70.7             | 38.8                   | 7 000*                  | 22.0                    |
|                   |                 | 24.0                    | 60.2            | 38.7                   | 15 500*                 | 63.6             | 38.3                   | 11 000*                 | 67.5             | 37.6                   | 6 600*                  | 24.0                    |
|                   |                 | 26.0                    | 57.0            | 37.4                   | 15 100*                 | 60.4             | 37.0                   | 10 300*                 | 64.2             | 36.3                   | 6 300*                  | 26.0                    |
|                   |                 | 28.0                    | 53.7            | 35.9                   | 14 700*                 | 57.0             | 35.5                   | 9 700*                  | 60.7             | 34.7                   | 6 000*                  | 28.0                    |
|                   |                 | 32.0                    | 46.4            | 32.3                   | 13 000*                 | 49.7             | 31.8                   | 8 800*                  | 53.2             | 31.0                   | 5 600*                  | 32.0                    |
|                   |                 | 36.0                    | 38.1            | 27.6                   | 11 600*                 | 41.2             | 27.0                   | 8 000*                  |                  |                        |                         | 36.0                    |
| 40.0              | 27.6            | 20.9                    | 10 500*         |                        |                         |                  |                        |                         |                  | 40.0                   |                         |                         |
| <b>30.5</b>       | <b>100</b>      | 10.7                    | 80.3            | 47.2                   | 19 600*                 |                  |                        |                         |                  |                        |                         | 10.7                    |
|                   |                 | 12.0                    | 78.6            | 46.9                   | 19 100*                 |                  |                        |                         |                  |                        |                         | 12.0                    |
|                   |                 | 14.0                    | 76.1            | 46.4                   | 18 500*                 | 79.4             | 46.1                   | 16 700*                 |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 73.4            | 45.8                   | 17 800*                 | 76.7             | 45.4                   | 15 400*                 |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 70.8            | 45.1                   | 17 300*                 | 74.0             | 44.7                   | 14 100*                 | 77.8             | 44.0                   | 8 100*                  | 18.0                    |
|                   |                 | 20.0                    | 68.0            | 44.3                   | 16 700*                 | 71.3             | 43.9                   | 13 100*                 | 75.0             | 43.2                   | 7 600*                  | 20.0                    |
|                   |                 | 22.0                    | 65.3            | 43.3                   | 16 300*                 | 68.5             | 42.9                   | 12 200*                 | 72.1             | 42.2                   | 7 200*                  | 22.0                    |
|                   |                 | 24.0                    | 62.4            | 42.2                   | 15 800*                 | 65.6             | 41.8                   | 11 500*                 | 69.2             | 41.1                   | 6 900*                  | 24.0                    |
|                   |                 | 26.0                    | 59.5            | 41.0                   | 15 400*                 | 62.7             | 40.6                   | 10 800*                 | 66.2             | 39.9                   | 6 500*                  | 26.0                    |
|                   |                 | 28.0                    | 56.5            | 39.7                   | 15 000*                 | 59.6             | 39.3                   | 10 200*                 | 63.1             | 38.5                   | 6 300*                  | 28.0                    |
|                   |                 | 32.0                    | 50.1            | 36.5                   | 13 900*                 | 53.1             | 36.0                   | 9 200*                  | 56.4             | 35.3                   | 5 800*                  | 32.0                    |
|                   |                 | 36.0                    | 42.9            | 32.5                   | 12 400*                 | 45.9             | 31.9                   | 8 400*                  | 49.0             | 31.1                   | 5 300*                  | 36.0                    |
| 40.0              | 34.5            | 27.1                    | 11 200*         | 37.3                   | 26.5                    | 7 700*           |                        |                         |                  | 40.0                   |                         |                         |
| 44.0              | 23.5            | 19.3                    | 10 200*         |                        |                         |                  |                        |                         |                  | 44.0                   |                         |                         |
| <b>33.5</b>       | <b>110</b>      | 10.7                    | 80.9            | 50.3                   | 19 800*                 |                  |                        |                         |                  |                        |                         | 10.7                    |
|                   |                 | 12.0                    | 79.4            | 50.1                   | 19 300*                 |                  |                        |                         |                  |                        |                         | 12.0                    |
|                   |                 | 14.0                    | 76.9            | 49.6                   | 18 700*                 | 80.1             | 49.2                   | 16 900*                 |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 74.5            | 49.0                   | 18 100*                 | 77.6             | 48.6                   | 15 900*                 |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 72.0            | 48.3                   | 17 500*                 | 75.1             | 47.9                   | 14 600*                 | 78.6             | 47.2                   | 8 300*                  | 18.0                    |
|                   |                 | 20.0                    | 69.5            | 47.6                   | 17 000*                 | 72.6             | 47.2                   | 13 600*                 | 76.0             | 46.4                   | 7 800*                  | 20.0                    |
|                   |                 | 22.0                    | 66.9            | 46.7                   | 16 500*                 | 70.0             | 46.3                   | 12 700*                 | 73.4             | 45.6                   | 7 400*                  | 22.0                    |
|                   |                 | 24.0                    | 64.3            | 45.7                   | 16 100*                 | 67.3             | 45.3                   | 11 900*                 | 70.7             | 44.6                   | 7 000*                  | 24.0                    |
|                   |                 | 26.0                    | 61.6            | 44.6                   | 15 700*                 | 64.6             | 44.2                   | 11 200*                 | 67.9             | 43.4                   | 6 700*                  | 26.0                    |
|                   |                 | 28.0                    | 58.9            | 43.4                   | 15 300*                 | 61.8             | 43.0                   | 10 600*                 | 65.1             | 42.2                   | 6 400*                  | 28.0                    |
|                   |                 | 32.0                    | 53.1            | 40.5                   | 14 600*                 | 56.0             | 40.0                   | 9 600*                  | 59.1             | 39.2                   | 5 900*                  | 32.0                    |
|                   |                 | 36.0                    | 46.8            | 36.9                   | 13 100*                 | 49.6             | 36.4                   | 8 800*                  | 52.6             | 35.6                   | 5 500*                  | 36.0                    |
| 40.0              | 39.7            | 32.4                    | 11 900*         | 42.3                   | 31.8                    | 8 100*           |                        |                         |                  | 40.0                   |                         |                         |
| 44.0              | 31.2            | 26.4                    | 10 800*         | 33.6                   | 25.6                    | 7 500*           |                        |                         |                  | 44.0                   |                         |                         |
| <b>36.6</b>       | <b>120</b>      | 12.2                    | 79.8            | 53.1                   | 19 400*                 |                  |                        |                         |                  |                        |                         | 12.2                    |
|                   |                 | 14.0                    | 77.7            | 52.7                   | 18 900*                 | 80.7             | 52.3                   | 17 100*                 |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 75.4            | 52.2                   | 18 300*                 | 78.4             | 51.8                   | 16 300*                 |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 73.1            | 51.6                   | 17 800*                 | 76.0             | 51.2                   | 15 000*                 | 79.3             | 50.4                   | 8 400*                  | 18.0                    |
|                   |                 | 20.0                    | 70.8            | 50.8                   | 17 300*                 | 73.7             | 50.4                   | 14 000*                 | 76.9             | 49.7                   | 8 000*                  | 20.0                    |
|                   |                 | 22.0                    | 68.4            | 50.0                   | 16 800*                 | 71.2             | 49.6                   | 13 100*                 | 74.5             | 48.9                   | 7 600*                  | 22.0                    |
|                   |                 | 24.0                    | 66.0            | 49.1                   | 16 400*                 | 68.8             | 48.7                   | 12 300*                 | 72.0             | 47.9                   | 7 200*                  | 24.0                    |
|                   |                 | 26.0                    | 63.5            | 48.1                   | 16 000*                 | 66.3             | 47.7                   | 11 600*                 | 69.4             | 46.9                   | 6 900*                  | 26.0                    |
|                   |                 | 28.0                    | 60.9            | 47.0                   | 15 600*                 | 63.7             | 46.5                   | 11 000*                 | 66.8             | 45.8                   | 6 600*                  | 28.0                    |
|                   |                 | 32.0                    | 55.6            | 44.3                   | 14 900*                 | 58.4             | 43.9                   | 10 000*                 | 61.4             | 43.1                   | 6 100*                  | 32.0                    |
|                   |                 | 36.0                    | 49.9            | 41.1                   | 13 800*                 | 52.6             | 40.6                   | 9 100*                  | 55.5             | 39.8                   | 5 700*                  | 36.0                    |
|                   |                 | 40.0                    | 43.7            | 37.1                   | 12 500*                 | 46.3             | 36.6                   | 8 400*                  | 49.0             | 35.7                   | 5 400*                  | 40.0                    |
| 44.0              | 36.6            | 32.1                    | 11 300          | 39.0                   | 31.4                    | 7 900*           |                        |                         |                  | 44.0                   |                         |                         |
| 48.0              | 27.9            | 25.3                    | 9 600           |                        |                         |                  |                        |                         |                  | 48.0                   |                         |                         |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

JIB NO. 134 WITH 3 810 mm STRUT ON  
BOOM NO. 22EL  
81 240 kg CRANE COUNTERWEIGHT  
19 960 kg CARBODY COUNTERWEIGHT  
8 585 mm CRAWLERS EXTENDED  
360 DEGREE RATING

### 15.2m (50 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| <b>39.6</b>       | <b>130</b>      | 12.2                    | 80.4            | 56.2                   | 19 600*                 |                  |                        |                         |                  |                        |                         | 12.2                    |
|                   |                 | 14.0                    | 78.4            | 55.9                   | 19 100*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 76.3            | 55.3                   | 18 500*                 | 79.0             | 55.0                   | 16 500*                 |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 74.1            | 54.8                   | 18 000*                 | 76.8             | 54.4                   | 15 500*                 |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 71.9            | 54.1                   | 17 500*                 | 74.6             | 53.7                   | 14 400*                 | 77.7             | 52.9                   | 8 100*                  | 20.0                    |
|                   |                 | 22.0                    | 69.7            | 53.3                   | 17 000*                 | 72.4             | 52.9                   | 13 500*                 | 75.4             | 52.1                   | 7 700*                  | 22.0                    |
|                   |                 | 24.0                    | 67.4            | 52.5                   | 16 600*                 | 70.1             | 52.1                   | 12 700*                 | 73.1             | 51.3                   | 7 400*                  | 24.0                    |
|                   |                 | 26.0                    | 65.1            | 51.5                   | 16 200*                 | 67.7             | 51.1                   | 12 000*                 | 70.7             | 50.3                   | 7 100*                  | 26.0                    |
|                   |                 | 28.0                    | 62.7            | 50.5                   | 15 900*                 | 65.4             | 50.0                   | 11 400*                 | 68.3             | 49.3                   | 6 800*                  | 28.0                    |
|                   |                 | 32.0                    | 57.8            | 48.0                   | 15 200*                 | 60.4             | 47.6                   | 10 300*                 | 63.3             | 46.8                   | 6 300*                  | 32.0                    |
| 36.0              | 52.6            | 45.1                    | 14 500*         | 55.2                   | 44.6                    | 9 500*           | 57.9                   | 43.8                    | 5 800*           | 36.0                   |                         |                         |
| 40.0              | 47.0            | 41.5                    | 13 100          | 49.5                   | 41.0                    | 8 700*           | 52.1                   | 40.1                    | 5 500*           | 40.0                   |                         |                         |
| 44.0              | 40.8            | 37.1                    | 11 100          | 43.2                   | 36.5                    | 8 100*           | 45.7                   | 35.6                    | 5 300*           | 44.0                   |                         |                         |
| 48.0              | 33.6            | 31.6                    | 9 400           | 35.9                   | 30.8                    | 7 700*           |                        |                         |                  | 48.0                   |                         |                         |
| <b>42.7</b>       | <b>140</b>      | 12.2                    | 80.9            | 59.3                   | 19 700*                 |                  |                        |                         |                  |                        |                         | 12.2                    |
|                   |                 | 14.0                    | 79.1            | 59.0                   | 19 200*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 77.0            | 58.5                   | 18 700*                 | 79.6             | 58.1                   | 16 800*                 |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 75.0            | 57.9                   | 18 200*                 | 77.6             | 57.5                   | 15 800*                 |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 72.9            | 57.3                   | 17 700*                 | 75.5             | 56.9                   | 14 800*                 | 78.4             | 56.1                   | 8 300*                  | 20.0                    |
|                   |                 | 22.0                    | 70.8            | 56.6                   | 17 300*                 | 73.4             | 56.2                   | 13 900*                 | 76.3             | 55.4                   | 7 900*                  | 22.0                    |
|                   |                 | 24.0                    | 68.6            | 55.8                   | 16 900*                 | 71.2             | 55.4                   | 13 100*                 | 74.1             | 54.6                   | 7 500*                  | 24.0                    |
|                   |                 | 26.0                    | 66.5            | 54.9                   | 16 400*                 | 69.0             | 54.5                   | 12 400*                 | 71.9             | 53.7                   | 7 200*                  | 26.0                    |
|                   |                 | 28.0                    | 64.3            | 53.9                   | 16 100*                 | 66.8             | 53.5                   | 11 800*                 | 69.6             | 52.7                   | 6 900*                  | 28.0                    |
|                   |                 | 32.0                    | 59.7            | 51.7                   | 15 400*                 | 62.2             | 51.2                   | 10 700*                 | 64.9             | 50.4                   | 6 400*                  | 32.0                    |
| 36.0              | 54.9            | 49.0                    | 14 800*         | 57.4                   | 48.5                    | 9 800*           | 60.0                   | 47.6                    | 6 000*           | 36.0                   |                         |                         |
| 40.0              | 49.8            | 45.7                    | 12 800          | 52.2                   | 45.2                    | 9 100*           | 54.7                   | 44.3                    | 5 700*           | 40.0                   |                         |                         |
| 44.0              | 44.3            | 41.8                    | 10 800          | 46.6                   | 41.2                    | 8 500*           | 49.0                   | 40.3                    | 5 400*           | 44.0                   |                         |                         |
| 48.0              | 38.1            | 37.0                    | 9 100           | 40.3                   | 36.3                    | 7 900*           |                        |                         |                  | 48.0                   |                         |                         |
| 52.0              | 30.8            | 30.8                    | 7 700           |                        |                         |                  |                        |                         |                  | 52.0                   |                         |                         |
| <b>45.7</b>       | <b>150</b>      | 13.7                    | 79.9            | 62.2                   | 19 500*                 |                  |                        |                         |                  |                        |                         | 13.7                    |
|                   |                 | 14.0                    | 79.6            | 62.1                   | 19 400*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 77.7            | 61.6                   | 18 900*                 | 80.2             | 61.2                   | 17 000*                 |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 75.7            | 61.1                   | 18 400*                 | 78.2             | 60.7                   | 16 200*                 |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 73.8            | 60.5                   | 17 900*                 | 76.2             | 60.1                   | 15 100*                 | 79.0             | 59.3                   | 8 400*                  | 20.0                    |
|                   |                 | 22.0                    | 71.8            | 59.8                   | 17 500*                 | 74.2             | 59.4                   | 14 200*                 | 77.0             | 58.6                   | 8 000*                  | 22.0                    |
|                   |                 | 24.0                    | 69.8            | 59.1                   | 17 100*                 | 72.2             | 58.7                   | 13 500*                 | 74.9             | 57.9                   | 7 700*                  | 24.0                    |
|                   |                 | 26.0                    | 67.7            | 58.3                   | 16 700*                 | 70.2             | 57.8                   | 12 800*                 | 72.9             | 57.0                   | 7 300*                  | 26.0                    |
|                   |                 | 28.0                    | 65.7            | 57.3                   | 16 300*                 | 68.1             | 56.9                   | 12 100*                 | 70.7             | 56.1                   | 7 100*                  | 28.0                    |
|                   |                 | 32.0                    | 61.4            | 55.2                   | 15 600*                 | 63.8             | 54.8                   | 11 000*                 | 66.4             | 53.9                   | 6 600*                  | 32.0                    |
| 36.0              | 57.0            | 52.7                    | 14 900          | 59.3                   | 52.2                    | 10 100*          | 61.8                   | 51.4                    | 6 200*           | 36.0                   |                         |                         |
| 40.0              | 52.3            | 49.7                    | 12 600          | 54.5                   | 49.2                    | 9 400*           | 57.0                   | 48.3                    | 5 800*           | 40.0                   |                         |                         |
| 44.0              | 47.2            | 46.1                    | 10 600          | 49.4                   | 45.6                    | 8 700*           | 51.8                   | 44.7                    | 5 500*           | 44.0                   |                         |                         |
| 48.0              | 41.7            | 41.9                    | 8 900           | 43.9                   | 41.2                    | 8 200*           | 46.1                   | 40.2                    | 5 300*           | 48.0                   |                         |                         |
| 52.0              | 35.5            | 36.6                    | 7 500           | 37.5                   | 35.9                    | 7 700            |                        |                         |                  | 52.0                   |                         |                         |
| 56.0              | 28.0            | 29.7                    | 6 300           |                        |                         |                  |                        |                         |                  | 56.0                   |                         |                         |
| <b>48.8</b>       | <b>160</b>      | 13.7                    | 80.4            | 65.3                   | 19 600*                 |                  |                        |                         |                  |                        |                         | 13.7                    |
|                   |                 | 14.0                    | 80.1            | 65.2                   | 19 500*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 78.3            | 64.8                   | 19 000*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 76.4            | 64.3                   | 18 600*                 | 78.8             | 63.9                   | 16 400*                 |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 74.6            | 63.7                   | 18 100*                 | 76.9             | 63.3                   | 15 500*                 | 79.6             | 62.5                   | 8 500*                  | 20.0                    |
|                   |                 | 22.0                    | 72.7            | 63.1                   | 17 700*                 | 75.0             | 62.6                   | 14 600*                 | 77.7             | 61.8                   | 8 100*                  | 22.0                    |
|                   |                 | 24.0                    | 70.8            | 62.4                   | 17 300*                 | 73.1             | 61.9                   | 13 800*                 | 75.7             | 61.1                   | 7 800*                  | 24.0                    |
|                   |                 | 26.0                    | 68.9            | 61.6                   | 16 900*                 | 71.2             | 61.1                   | 13 100*                 | 73.7             | 60.3                   | 7 500*                  | 26.0                    |
|                   |                 | 28.0                    | 66.9            | 60.7                   | 16 500*                 | 69.2             | 60.3                   | 12 500*                 | 71.8             | 59.4                   | 7 200*                  | 28.0                    |
|                   |                 | 32.0                    | 62.9            | 58.7                   | 15 900*                 | 65.2             | 58.3                   | 11 400*                 | 67.7             | 57.4                   | 6 700*                  | 32.0                    |
| 36.0              | 58.7            | 56.4                    | 15 000          | 61.0                   | 55.9                    | 10 500*          | 63.4                   | 55.0                    | 6 300*           | 36.0                   |                         |                         |
| 40.0              | 54.4            | 53.6                    | 12 400          | 56.6                   | 53.1                    | 9 700*           | 58.9                   | 52.2                    | 5 900*           | 40.0                   |                         |                         |
| 44.0              | 49.8            | 50.3                    | 10 400          | 51.9                   | 49.8                    | 9 100*           | 54.2                   | 48.8                    | 5 600*           | 44.0                   |                         |                         |
| 48.0              | 44.8            | 46.4                    | 8 700           | 46.8                   | 45.8                    | 8 500*           | 49.0                   | 44.9                    | 5 400*           | 48.0                   |                         |                         |
| 52.0              | 39.3            | 41.8                    | 7 300           | 41.3                   | 41.1                    | 7 600            |                        |                         |                  | 52.0                   |                         |                         |
| 56.0              | 33.0            | 36.0                    | 6 100           | 34.8                   | 35.2                    | 6 300            |                        |                         |                  | 56.0                   |                         |                         |
| 60.0              | 25.3            | 28.4                    | 5 100           |                        |                         |                  |                        |                         |                  | 60.0                   |                         |                         |

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## LIFTCRANE JIB CAPACITIES

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888 SERIES 2

JIB NO. 134 WITH 3 810 mm STRUT ON  
BOOM NO. 22EL  
81 240 kg CRANE COUNTERWEIGHT  
19 960 kg CARBODY COUNTERWEIGHT  
8 585 mm CRAWLERS EXTENDED  
360 DEGREE RATING

### 15.2m (50 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| <b>51.8</b>       | <b>170</b>      | 13.7                    | 80.8            | 68.4                   | 19 700*                 |                  |                        |                         |                  |                        |                         | 13.7                    |
|                   |                 | 14.0                    | 80.6            | 68.3                   | 19 700*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 78.8            | 67.9                   | 19 200*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 77.1            | 67.4                   | 18 700*                 | 79.3             | 67.0                   | 16 700*                 |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 75.3            | 66.9                   | 18 300*                 | 77.5             | 66.5                   | 15 800*                 | 80.1             | 65.6                   | 8 600*                  | 20.0                    |
|                   |                 | 22.0                    | 73.5            | 66.3                   | 17 900*                 | 75.7             | 65.9                   | 14 900*                 | 78.3             | 65.0                   | 8 200*                  | 22.0                    |
|                   |                 | 24.0                    | 71.7            | 65.6                   | 17 500*                 | 73.9             | 65.2                   | 14 100*                 | 76.4             | 64.3                   | 7 900*                  | 24.0                    |
|                   |                 | 26.0                    | 69.9            | 64.9                   | 17 100*                 | 72.1             | 64.4                   | 13 400*                 | 74.5             | 63.6                   | 7 600*                  | 26.0                    |
|                   |                 | 28.0                    | 68.0            | 64.0                   | 16 700*                 | 70.2             | 63.6                   | 12 800*                 | 72.7             | 62.8                   | 7 400*                  | 28.0                    |
|                   |                 | 32.0                    | 64.2            | 62.2                   | 16 100*                 | 66.4             | 61.7                   | 11 700*                 | 68.8             | 60.9                   | 6 800*                  | 32.0                    |
|                   |                 | 36.0                    | 60.3            | 59.9                   | 14 900                  | 62.5             | 59.5                   | 10 800*                 | 64.8             | 58.6                   | 6 400*                  | 36.0                    |
|                   |                 | 40.0                    | 56.3            | 57.3                   | 12 300                  | 58.4             | 56.8                   | 10 000*                 | 60.6             | 56.0                   | 6 100*                  | 40.0                    |
|                   |                 | 44.0                    | 52.0            | 54.3                   | 10 200                  | 54.0             | 53.8                   | 9 300*                  | 56.2             | 52.9                   | 5 800*                  | 44.0                    |
|                   |                 | 48.0                    | 47.4            | 50.8                   | 8 500                   | 49.4             | 50.2                   | 8 700                   | 51.5             | 49.2                   | 5 500*                  | 48.0                    |
|                   |                 | 52.0                    | 42.4            | 46.6                   | 7 100                   | 44.4             | 45.9                   | 7 300                   | 46.4             | 44.9                   | 5 300*                  | 52.0                    |
|                   |                 | 56.0                    | 36.9            | 41.5                   | 5 900                   | 38.8             | 40.8                   | 6 100                   |                  |                        |                         | 56.0                    |
| 60.0              | 30.5            | 35.2                    | 4 900           |                        |                         |                  |                        |                         |                  | 60.0                   |                         |                         |
| 64.0              | 22.5            | 26.7                    | 4 000           |                        |                         |                  |                        |                         |                  | 64.0                   |                         |                         |
| <b>54.9</b>       | <b>180</b>      | 15.2                    | 80.0            | 71.2                   | 19 500*                 |                  |                        |                         |                  |                        |                         | 15.2                    |
|                   |                 | 16.0                    | 79.3            | 71.0                   | 19 300*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 77.6            | 70.6                   | 18 900*                 | 79.8             | 70.1                   | 16 900*                 |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 75.9            | 70.1                   | 18 400*                 | 78.1             | 69.6                   | 16 100*                 | 80.5             | 68.8                   | 8 700*                  | 20.0                    |
|                   |                 | 22.0                    | 74.2            | 69.5                   | 18 000*                 | 76.4             | 69.0                   | 15 200*                 | 78.8             | 68.2                   | 8 400*                  | 22.0                    |
|                   |                 | 24.0                    | 72.5            | 68.8                   | 17 600*                 | 74.7             | 68.4                   | 14 400*                 | 77.0             | 67.5                   | 8 000*                  | 24.0                    |
|                   |                 | 26.0                    | 70.8            | 68.1                   | 17 300*                 | 72.9             | 67.7                   | 13 800*                 | 75.3             | 66.8                   | 7 700*                  | 26.0                    |
|                   |                 | 28.0                    | 69.0            | 67.3                   | 17 000*                 | 71.1             | 66.9                   | 13 100*                 | 73.5             | 66.0                   | 7 500*                  | 28.0                    |
|                   |                 | 32.0                    | 65.5            | 65.6                   | 16 300*                 | 67.5             | 65.1                   | 12 000*                 | 69.8             | 64.2                   | 7 000*                  | 32.0                    |
|                   |                 | 36.0                    | 61.8            | 63.5                   | 14 600                  | 63.8             | 63.0                   | 11 000*                 | 66.1             | 62.1                   | 6 600*                  | 36.0                    |
|                   |                 | 40.0                    | 57.9            | 61.0                   | 12 000                  | 60.0             | 60.5                   | 10 300*                 | 62.1             | 59.6                   | 6 200*                  | 40.0                    |
|                   |                 | 44.0                    | 53.9            | 58.2                   | 9 900                   | 55.9             | 57.7                   | 9 600*                  | 58.0             | 56.8                   | 5 900*                  | 44.0                    |
|                   |                 | 48.0                    | 49.7            | 54.9                   | 8 200                   | 51.6             | 54.3                   | 8 600                   | 53.7             | 53.4                   | 5 600*                  | 48.0                    |
|                   |                 | 52.0                    | 45.2            | 51.1                   | 6 800                   | 47.0             | 50.5                   | 7 100                   | 49.0             | 49.5                   | 5 400*                  | 52.0                    |
|                   |                 | 56.0                    | 40.2            | 46.5                   | 5 600                   | 42.0             | 45.9                   | 5 900                   | 43.9             | 44.8                   | 5 200*                  | 56.0                    |
|                   |                 | 60.0                    | 34.7            | 41.1                   | 4 600                   | 36.4             | 40.3                   | 4 800                   |                  |                        |                         | 60.0                    |
| 64.0              | 28.2            | 34.2                    | 3 700           |                        |                         |                  |                        |                         |                  | 64.0                   |                         |                         |
| <b>57.9</b>       | <b>190</b>      | 15.2                    | 80.4            | 74.3                   | 19 600*                 |                  |                        |                         |                  |                        |                         | 15.2                    |
|                   |                 | 16.0                    | 79.8            | 74.1                   | 19 500*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 78.2            | 73.7                   | 19 000*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 76.5            | 73.2                   | 18 600*                 | 78.6             | 72.8                   | 16 400*                 | 80.9             | 71.9                   | 8 800*                  | 20.0                    |
|                   |                 | 22.0                    | 74.9            | 72.7                   | 18 200*                 | 77.0             | 72.2                   | 15 500*                 | 79.3             | 71.4                   | 8 400*                  | 22.0                    |
|                   |                 | 24.0                    | 73.3            | 72.0                   | 17 800*                 | 75.3             | 71.6                   | 14 700*                 | 77.6             | 70.7                   | 8 100*                  | 24.0                    |
|                   |                 | 26.0                    | 71.6            | 71.4                   | 17 400*                 | 73.7             | 70.9                   | 14 000*                 | 75.9             | 70.1                   | 7 800*                  | 26.0                    |
|                   |                 | 28.0                    | 70.0            | 70.6                   | 17 100*                 | 72.0             | 70.2                   | 13 400*                 | 74.2             | 69.3                   | 7 600*                  | 28.0                    |
|                   |                 | 32.0                    | 66.6            | 68.9                   | 16 500*                 | 68.5             | 68.5                   | 12 300*                 | 70.8             | 67.6                   | 7 100*                  | 32.0                    |
|                   |                 | 36.0                    | 63.1            | 66.9                   | 14 100                  | 65.0             | 66.5                   | 11 300*                 | 67.2             | 65.6                   | 6 700*                  | 36.0                    |
|                   |                 | 40.0                    | 59.4            | 64.6                   | 11 700                  | 61.4             | 64.1                   | 10 500*                 | 63.5             | 63.3                   | 6 300*                  | 40.0                    |
|                   |                 | 44.0                    | 55.7            | 62.0                   | 9 600                   | 57.6             | 61.5                   | 9 900*                  | 59.6             | 60.6                   | 6 000*                  | 44.0                    |
|                   |                 | 48.0                    | 51.7            | 58.9                   | 7 900                   | 53.6             | 58.4                   | 8 300                   | 55.6             | 57.4                   | 5 700*                  | 48.0                    |
|                   |                 | 52.0                    | 47.5            | 55.4                   | 6 500                   | 49.4             | 54.8                   | 6 800                   | 51.3             | 53.8                   | 5 500*                  | 52.0                    |
|                   |                 | 56.0                    | 43.0            | 51.2                   | 5 300                   | 44.8             | 50.6                   | 5 600                   | 46.6             | 49.6                   | 5 300*                  | 56.0                    |
|                   |                 | 60.0                    | 38.1            | 46.4                   | 4 300                   | 39.8             | 45.7                   | 4 500                   |                  |                        |                         | 60.0                    |
| 64.0              | 32.5            | 40.4                    | 3 400           | 34.1                   | 39.6                    | 3 600            |                        |                         |                  | 64.0                   |                         |                         |
| 68.0              | 25.8            | 32.9                    | 2 600           |                        |                         |                  |                        |                         |                  | 68.0                   |                         |                         |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

JIB NO. 134 WITH 3 810 mm STRUT ON  
BOOM NO. 22EL  
81 240 kg CRANE COUNTERWEIGHT  
19 960 kg CARBODY COUNTERWEIGHT  
8 585 mm CRAWLERS EXTENDED  
360 DEGREE RATING

### 15.2m (50 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| 610               | 200             | 15.2                    | 80.8            | 77.4                   | 19 700*                 |                  |                        |                         |                  |                        |                         | 15.2                    |
|                   |                 | 16.0                    | 80.2            | 77.2                   | 19 600*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 78.6            | 76.8                   | 19 200*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 77.1            | 76.3                   | 18 700*                 | 79.1             | 75.9                   | 16 700*                 |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 75.5            | 75.8                   | 18 300*                 | 77.5             | 75.4                   | 15 800*                 | 79.7             | 74.5                   | 8 600*                  | 22.0                    |
|                   |                 | 24.0                    | 74.0            | 75.2                   | 18 000*                 | 75.9             | 74.8                   | 15 000*                 | 78.1             | 73.9                   | 8 200*                  | 24.0                    |
|                   |                 | 26.0                    | 72.4            | 74.6                   | 17 600*                 | 74.3             | 74.1                   | 14 300*                 | 76.5             | 73.3                   | 8 000*                  | 26.0                    |
|                   |                 | 28.0                    | 70.8            | 73.9                   | 17 300*                 | 72.7             | 73.4                   | 13 700*                 | 74.9             | 72.6                   | 7 700*                  | 28.0                    |
|                   |                 | 32.0                    | 67.6            | 72.3                   | 16 400                  | 69.5             | 71.8                   | 12 600*                 | 71.6             | 70.9                   | 7 200*                  | 32.0                    |
|                   |                 | 36.0                    | 64.2            | 70.4                   | 13 600                  | 66.1             | 69.9                   | 11 600*                 | 68.2             | 69.0                   | 6 800*                  | 36.0                    |
|                   |                 | 40.0                    | 60.8            | 68.2                   | 11 400                  | 62.7             | 67.7                   | 10 800*                 | 64.7             | 66.8                   | 6 400*                  | 40.0                    |
|                   |                 | 44.0                    | 57.2            | 65.7                   | 9 300                   | 59.1             | 65.2                   | 9 800                   | 61.1             | 64.3                   | 6 100*                  | 44.0                    |
|                   |                 | 48.0                    | 53.5            | 62.8                   | 7 600                   | 53.5             | 62.3                   | 8 000                   | 57.3             | 61.3                   | 5 800*                  | 48.0                    |
|                   |                 | 52.0                    | 49.6            | 59.5                   | 6 200                   | 51.4             | 58.9                   | 6 600                   | 53.3             | 58.0                   | 5 600*                  | 52.0                    |
|                   |                 | 56.0                    | 45.5            | 55.7                   | 5 000                   | 47.2             | 55.1                   | 5 300                   | 49.0             | 54.1                   | 5 400*                  | 56.0                    |
|                   |                 | 60.0                    | 41.0            | 51.3                   | 4 000                   | 42.7             | 50.6                   | 4 200                   | 44.3             | 49.5                   | 4 700                   | 60.0                    |
| 64.0              | 36.0            | 46.0                    | 3 100           | 37.6                   | 45.3                    | 3 300            |                        |                         |                  | 64.0                   |                         |                         |
| 68.0              | 30.4            | 39.6                    | 2 300           |                        |                         |                  |                        |                         |                  | 68.0                   |                         |                         |
| 640               | 210             | 16.8                    | 80.0            | 80.2                   | 19 500*                 |                  |                        |                         |                  |                        |                         | 16.8                    |
|                   |                 | 18.0                    | 79.1            | 79.9                   | 19 200*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 77.6            | 79.5                   | 18 900*                 | 79.5             | 79.1                   | 16 800*                 |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 76.1            | 79.0                   | 18 500*                 | 78.0             | 78.5                   | 16 100*                 | 80.2             | 77.7                   | 8 700*                  | 22.0                    |
|                   |                 | 24.0                    | 74.6            | 78.4                   | 18 100*                 | 76.5             | 78.0                   | 15 300*                 | 78.6             | 77.1                   | 8 400*                  | 24.0                    |
|                   |                 | 26.0                    | 73.1            | 77.8                   | 17 800*                 | 75.0             | 77.4                   | 14 600*                 | 77.1             | 76.5                   | 8 100*                  | 26.0                    |
|                   |                 | 28.0                    | 71.6            | 77.1                   | 17 500*                 | 73.4             | 76.7                   | 14 000*                 | 75.5             | 75.8                   | 7 800*                  | 28.0                    |
|                   |                 | 32.0                    | 68.5            | 75.6                   | 15 900                  | 70.3             | 75.1                   | 12 800*                 | 72.4             | 74.2                   | 7 300*                  | 32.0                    |
|                   |                 | 36.0                    | 65.3            | 73.8                   | 13 200                  | 67.1             | 73.3                   | 11 900*                 | 69.1             | 72.4                   | 6 900*                  | 36.0                    |
|                   |                 | 40.0                    | 62.0            | 71.7                   | 11 000                  | 63.8             | 71.2                   | 11 100*                 | 65.8             | 70.3                   | 6 500*                  | 40.0                    |
|                   |                 | 44.0                    | 58.7            | 69.3                   | 9 100                   | 60.5             | 68.8                   | 9 500                   | 62.4             | 67.9                   | 6 200*                  | 44.0                    |
|                   |                 | 48.0                    | 55.2            | 66.6                   | 7 400                   | 56.9             | 66.1                   | 7 800                   | 58.8             | 65.1                   | 5 900*                  | 48.0                    |
|                   |                 | 52.0                    | 51.5            | 63.5                   | 6 000                   | 53.2             | 63.0                   | 6 300                   | 55.0             | 62.0                   | 5 700*                  | 52.0                    |
|                   |                 | 56.0                    | 47.6            | 60.0                   | 4 800                   | 49.3             | 59.4                   | 5 100                   | 51.1             | 58.4                   | 5 500*                  | 56.0                    |
|                   |                 | 60.0                    | 43.5            | 55.9                   | 3 800                   | 45.2             | 55.3                   | 4 000                   | 46.8             | 54.2                   | 4 500                   | 60.0                    |
|                   |                 | 64.0                    | 39.0            | 51.2                   | 2 900                   | 40.6             | 50.5                   | 3 100                   |                  |                        |                         | 64.0                    |
| 68.0              | 34.0            | 45.5                    | 2 100           | 35.5                   | 44.8                    | 2 300            |                        |                         |                  | 68.0                   |                         |                         |
| 671               | 220             | 16.8                    | 80.4            | 83.3                   | 19 600*                 |                  |                        |                         |                  |                        |                         | 16.8                    |
|                   |                 | 18.0                    | 79.5            | 83.1                   | 19 400*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 78.1            | 82.6                   | 19 000*                 | 79.9             | 82.2                   | 16 900*                 |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 76.6            | 82.1                   | 18 600*                 | 78.5             | 81.7                   | 16 400*                 | 80.5             | 80.8                   | 8 700*                  | 22.0                    |
|                   |                 | 24.0                    | 75.2            | 81.6                   | 18 300*                 | 77.0             | 81.1                   | 15 600*                 | 79.1             | 80.3                   | 8 400*                  | 24.0                    |
|                   |                 | 26.0                    | 73.7            | 81.0                   | 17 900*                 | 75.6             | 80.5                   | 14 900*                 | 77.6             | 79.7                   | 8 100*                  | 26.0                    |
|                   |                 | 28.0                    | 72.3            | 80.3                   | 17 600*                 | 74.1             | 79.9                   | 14 200*                 | 76.1             | 79.0                   | 7 900*                  | 28.0                    |
|                   |                 | 32.0                    | 69.3            | 78.9                   | 15 400                  | 71.1             | 78.4                   | 13 100*                 | 73.1             | 77.5                   | 7 400*                  | 32.0                    |
|                   |                 | 36.0                    | 66.3            | 77.1                   | 12 700                  | 68.0             | 76.7                   | 12 200*                 | 70.0             | 75.8                   | 7 000*                  | 36.0                    |
|                   |                 | 40.0                    | 63.2            | 75.2                   | 10 500                  | 64.9             | 74.7                   | 11 100                  | 66.8             | 73.8                   | 6 700*                  | 40.0                    |
|                   |                 | 44.0                    | 60.0            | 72.9                   | 8 700                   | 61.7             | 72.4                   | 9 200                   | 63.6             | 71.5                   | 6 400*                  | 44.0                    |
|                   |                 | 48.0                    | 56.7            | 70.3                   | 7 100                   | 58.4             | 69.8                   | 7 500                   | 60.2             | 68.9                   | 6 100*                  | 48.0                    |
|                   |                 | 52.0                    | 53.2            | 67.4                   | 5 700                   | 54.9             | 66.9                   | 6 100                   | 56.6             | 65.9                   | 5 800*                  | 52.0                    |
|                   |                 | 56.0                    | 49.6            | 64.1                   | 4 500                   | 51.2             | 63.5                   | 4 800                   | 52.9             | 62.5                   | 5 400*                  | 56.0                    |
|                   |                 | 60.0                    | 45.7            | 60.3                   | 3 500                   | 47.4             | 59.7                   | 3 800                   | 49.0             | 58.7                   | 4 300                   | 60.0                    |
|                   |                 | 64.0                    | 41.6            | 56.0                   | 2 600                   | 43.2             | 55.3                   | 2 800                   | 44.7             | 54.2                   | 3 300                   | 64.0                    |
| 68.0              |                 |                         |                 | 38.6                   | 50.2                    | 2 000            |                        |                         |                  | 68.0                   |                         |                         |
| 701               | 230             | 16.8                    | 80.7            | 86.4                   | 19 700*                 |                  |                        |                         |                  |                        |                         | 16.8                    |
|                   |                 | 18.0                    | 79.9            | 86.2                   | 19 500*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 78.5            | 85.7                   | 19 100*                 | 80.3             | 85.3                   | 17 000*                 |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 77.1            | 85.3                   | 18 700*                 | 78.9             | 84.8                   | 16 600*                 |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 75.7            | 84.8                   | 18 400*                 | 77.5             | 84.3                   | 15 800*                 | 79.5             | 83.4                   | 8 500*                  | 24.0                    |
|                   |                 | 26.0                    | 74.3            | 84.2                   | 18 100*                 | 76.1             | 83.7                   | 15 100*                 | 78.1             | 82.8                   | 8 200*                  | 26.0                    |
|                   |                 | 28.0                    | 72.9            | 83.6                   | 17 700                  | 74.7             | 83.1                   | 14 500*                 | 76.6             | 82.2                   | 8 000*                  | 28.0                    |
|                   |                 | 32.0                    | 70.1            | 82.1                   | 14 900                  | 71.8             | 81.7                   | 13 400*                 | 73.7             | 80.8                   | 7 500*                  | 32.0                    |
|                   |                 | 36.0                    | 67.2            | 80.5                   | 12 200                  | 68.9             | 80.0                   | 12 400*                 | 70.8             | 79.1                   | 7 100*                  | 36.0                    |
|                   |                 | 40.0                    | 64.2            | 78.6                   | 10 100                  | 65.9             | 78.1                   | 10 600                  | 67.7             | 77.2                   | 6 800*                  | 40.0                    |
|                   |                 | 44.0                    | 61.2            | 76.4                   | 8 200                   | 62.8             | 75.9                   | 8 700                   | 64.6             | 75.0                   | 6 400*                  | 44.0                    |
|                   |                 | 48.0                    | 58.0            | 74.0                   | 6 700                   | 59.7             | 73.5                   | 7 200                   | 61.4             | 72.5                   | 6 200*                  | 48.0                    |
|                   |                 | 52.0                    | 54.7            | 71.2                   | 5 400                   | 56.4             | 70.7                   | 5 800                   | 58.1             | 69.7                   | 5 900*                  | 52.0                    |
|                   |                 | 56.0                    | 51.3            | 68.1                   | 4 200                   | 52.9             | 67.5                   | 4 500                   | 54.6             | 66.6                   | 5 200                   | 56.0                    |
|                   |                 | 60.0                    | 47.7            | 64.6                   | 3 200                   | 49.3             | 64.0                   | 3 400                   | 50.9             | 63.0                   | 4 000                   | 60.0                    |
|                   |                 | 64.0                    | 43.9            | 60.5                   | 2 300                   | 45.5             | 59.9                   | 2 500                   | 47.0             | 58.8                   | 3 000                   | 64.0                    |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

EUROPEAN  
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888 SERIES 2

JIB NO. 134 WITH 3 810 mm STRUT ON

BOOM NO. 22EL

81 240 kg CRANE COUNTERWEIGHT

19 960 kg CARBODY COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

360 DEGREE RATING

### 15.2m (50 FT.) JIB

| BOOM LGTH. METERS          | BOOM LGTH. FEET      | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|----------------------------|----------------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                            |                      |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| <b>7<br/>3<br/>-<br/>2</b> | <b>2<br/>4<br/>0</b> | 18.3                    | 80.0            | 89.2                   | 19 500*                 |                  |                        |                         |                  |                        |                         | 18.3                    |
|                            |                      | 20.0                    | 78.9            | 88.9                   | 19 200*                 | 80.6             | 88.4                   | 17 100*                 |                  |                        |                         | 20.0                    |
|                            |                      | 22.0                    | 77.6            | 88.4                   | 18 900*                 | 79.3             | 88.0                   | 16 800*                 |                  |                        |                         | 22.0                    |
|                            |                      | 24.0                    | 76.2            | 87.9                   | 18 500*                 | 77.9             | 87.5                   | 16 100*                 | 79.9             | 86.6                   | 8 600*                  | 24.0                    |
|                            |                      | 26.0                    | 74.9            | 87.4                   | 18 200*                 | 76.6             | 86.9                   | 15 400*                 | 78.5             | 86.0                   | 8 300*                  | 26.0                    |
|                            |                      | 28.0                    | 73.5            | 86.8                   | 17 600                  | 75.2             | 86.3                   | 14 700*                 | 77.1             | 85.4                   | 8 100*                  | 28.0                    |
|                            |                      | 32.0                    | 70.8            | 85.4                   | 14 400                  | 72.5             | 84.9                   | 13 600*                 | 74.3             | 84.0                   | 7 600*                  | 32.0                    |
|                            |                      | 36.0                    | 68.0            | 83.8                   | 11 800                  | 69.7             | 83.3                   | 12 400                  | 71.5             | 82.4                   | 7 200*                  | 36.0                    |
|                            |                      | 40.0                    | 65.2            | 82.0                   | 9 600                   | 66.8             | 81.5                   | 10 200                  | 68.6             | 80.6                   | 6 900*                  | 40.0                    |
|                            |                      | 44.0                    | 62.2            | 79.9                   | 7 800                   | 63.9             | 79.4                   | 8 300                   | 65.6             | 78.5                   | 6 500*                  | 44.0                    |
|                            |                      | 48.0                    | 59.2            | 77.6                   | 6 300                   | 60.8             | 77.1                   | 6 800                   | 62.6             | 76.2                   | 6 200*                  | 48.0                    |
|                            |                      | 52.0                    | 56.1            | 75.0                   | 5 000                   | 57.7             | 74.4                   | 5 400                   | 59.4             | 73.5                   | 6 000                   | 52.0                    |
|                            |                      | 56.0                    | 52.9            | 72.0                   | 3 900                   | 54.5             | 71.5                   | 4 200                   | 56.1             | 70.5                   | 4 900                   | 56.0                    |
|                            |                      | 60.0                    | 49.5            | 68.7                   | 2 800                   | 51.1             | 68.1                   | 3 200                   | 52.6             | 67.1                   | 3 800                   | 60.0                    |
| 64.0                       | 46.0                 | 64.9                    | 1 900           | 47.5                   | 64.3                    | 2 200            | 49.0                   | 63.3                    | 2 800            | 64.0                   |                         |                         |
|                            |                      | 68.0                    |                 |                        |                         |                  | 45.1                   | 58.9                    | 1 900            |                        | 68.0                    |                         |
| <b>7<br/>6<br/>-<br/>2</b> | <b>2<br/>5<br/>0</b> | 18.3                    | 80.4            | 92.3                   | 19 600*                 |                  |                        |                         |                  |                        |                         | 18.3                    |
|                            |                      | 20.0                    | 79.3            | 92.0                   | 19 300*                 |                  |                        |                         |                  |                        |                         | 20.0                    |
|                            |                      | 22.0                    | 78.0            | 91.5                   | 19 000*                 | 79.7             | 91.1                   | 16 900*                 |                  |                        |                         | 22.0                    |
|                            |                      | 24.0                    | 76.7            | 91.1                   | 18 600*                 | 78.4             | 90.6                   | 16 400*                 | 80.2             | 89.7                   | 8 700*                  | 24.0                    |
|                            |                      | 26.0                    | 75.4            | 90.5                   | 18 300                  | 77.1             | 90.1                   | 15 600*                 | 78.9             | 89.2                   | 8 400*                  | 26.0                    |
|                            |                      | 28.0                    | 74.1            | 89.9                   | 17 700                  | 75.7             | 89.5                   | 15 000*                 | 77.6             | 88.6                   | 8 200*                  | 28.0                    |
|                            |                      | 32.0                    | 71.5            | 88.6                   | 14 300                  | 73.1             | 88.2                   | 13 900*                 | 74.9             | 87.3                   | 7 700*                  | 32.0                    |
|                            |                      | 36.0                    | 68.8            | 87.1                   | 11 700                  | 70.4             | 86.6                   | 12 400                  | 72.2             | 85.7                   | 7 300*                  | 36.0                    |
|                            |                      | 40.0                    | 66.1            | 85.4                   | 9 600                   | 67.6             | 84.9                   | 10 100                  | 69.4             | 84.0                   | 6 900*                  | 40.0                    |
|                            |                      | 44.0                    | 63.3            | 83.4                   | 7 800                   | 64.8             | 82.9                   | 8 300                   | 66.5             | 82.0                   | 6 600*                  | 44.0                    |
|                            |                      | 48.0                    | 60.4            | 81.2                   | 6 300                   | 61.9             | 80.7                   | 6 800                   | 63.6             | 79.7                   | 6 400*                  | 48.0                    |
|                            |                      | 52.0                    | 57.4            | 78.7                   | 5 000                   | 59.0             | 78.1                   | 5 400                   | 60.6             | 77.2                   | 6 100                   | 52.0                    |
|                            |                      | 56.0                    | 54.4            | 75.9                   | 3 900                   | 55.9             | 75.3                   | 4 300                   | 57.5             | 74.3                   | 4 900                   | 56.0                    |
|                            |                      | 60.0                    | 51.2            | 72.7                   | 3 000                   | 52.7             | 72.1                   | 3 300                   | 54.2             | 71.1                   | 3 900                   | 60.0                    |
| 64.0                       | 47.8                 | 69.2                    | 2 000           | 49.3                   | 68.6                    | 2 300            | 50.8                   | 67.5                    | 2 900            | 64.0                   |                         |                         |
|                            |                      |                         |                 |                        |                         |                  | 47.1                   | 63.5                    | 2 000            |                        | 68.0                    |                         |
| <b>7<br/>9<br/>-<br/>2</b> | <b>2<br/>6<br/>0</b> | 18.3                    | 80.7            | 95.4                   | 19 700*                 |                  |                        |                         |                  |                        |                         | 18.3                    |
|                            |                      | 20.0                    | 79.6            | 95.1                   | 19 400*                 |                  |                        |                         |                  |                        |                         | 20.0                    |
|                            |                      | 22.0                    | 78.4            | 94.7                   | 19 100*                 | 80.0             | 94.2                   | 17 000*                 |                  |                        |                         | 22.0                    |
|                            |                      | 24.0                    | 77.2            | 94.2                   | 18 800*                 | 78.7             | 93.7                   | 16 600*                 |                  |                        |                         | 24.0                    |
|                            |                      | 26.0                    | 75.9            | 93.7                   | 18 400                  | 77.5             | 93.2                   | 15 800*                 | 79.3             | 92.3                   | 8 500*                  | 26.0                    |
|                            |                      | 28.0                    | 74.6            | 93.1                   | 17 000                  | 76.2             | 92.7                   | 15 200*                 | 78.0             | 91.8                   | 8 300*                  | 28.0                    |
|                            |                      | 32.0                    | 72.1            | 91.9                   | 13 800                  | 73.7             | 91.4                   | 14 100*                 | 75.4             | 90.5                   | 7 800*                  | 32.0                    |
|                            |                      | 36.0                    | 69.5            | 90.4                   | 11 200                  | 71.1             | 89.9                   | 11 900                  | 72.8             | 89.0                   | 7 400*                  | 36.0                    |
|                            |                      | 40.0                    | 66.9            | 88.7                   | 9 100                   | 68.4             | 88.2                   | 9 700                   | 70.1             | 87.3                   | 7 000*                  | 40.0                    |
|                            |                      | 44.0                    | 64.2            | 86.8                   | 7 400                   | 65.7             | 86.3                   | 7 900                   | 67.4             | 85.4                   | 6 700*                  | 44.0                    |
|                            |                      | 48.0                    | 61.4            | 84.7                   | 5 900                   | 62.9             | 84.2                   | 6 300                   | 64.6             | 83.2                   | 6 500*                  | 48.0                    |
|                            |                      | 52.0                    | 58.6            | 82.3                   | 4 600                   | 60.1             | 81.8                   | 5 000                   | 61.7             | 80.8                   | 5 800                   | 52.0                    |
|                            |                      | 56.0                    | 55.7            | 79.6                   | 3 500                   | 57.2             | 79.1                   | 3 900                   | 58.7             | 78.1                   | 4 600                   | 56.0                    |
|                            |                      | 60.0                    | 52.7            | 76.6                   | 2 500                   | 54.1             | 76.1                   | 2 900                   | 55.6             | 75.1                   | 3 500                   | 60.0                    |
| 64.0                       |                      |                         |                 | 50.9                   | 72.7                    | 2 000            | 52.4                   | 71.7                    | 2 600            | 64.0                   |                         |                         |



# MANITOWOC ENGINEERING CO.

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



## LIFT CRANE JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

JIB NO. 134 WITH 3 810 mm STRUT ON

BOOM NO. 22EL

81 240 kg CRANE COUNTERWEIGHT

19 960 kg CARBODY COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

360 DEGREE RATING

### 18.3m (60 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| 27.4              | 90              | 10.7                    | 80.3            | 47.2                   | 16 300*                 |                  |                        |                         |                  |                        |                         | 10.7                    |
|                   |                 | 12.0                    | 78.7            | 46.9                   | 15 900*                 |                  |                        |                         |                  |                        |                         | 12.0                    |
|                   |                 | 14.0                    | 76.1            | 46.4                   | 15 300*                 | 80.5             | 46.1                   | 13 200*                 |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 73.5            | 45.8                   | 14 800*                 | 77.9             | 45.5                   | 12 800*                 |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 70.8            | 45.1                   | 14 300*                 | 75.2             | 44.8                   | 12 400*                 | 79.3             | 44.0                   | 8 000*                  | 18.0                    |
|                   |                 | 20.0                    | 68.1            | 44.3                   | 13 900*                 | 72.5             | 44.0                   | 12 000*                 | 76.5             | 43.1                   | 7 400*                  | 20.0                    |
|                   |                 | 22.0                    | 65.3            | 43.3                   | 13 500*                 | 69.7             | 43.1                   | 11 200*                 | 73.7             | 42.2                   | 7 000*                  | 22.0                    |
|                   |                 | 24.0                    | 62.5            | 42.3                   | 13 000*                 | 66.8             | 42.0                   | 10 400*                 | 70.8             | 41.1                   | 6 600*                  | 24.0                    |
|                   |                 | 26.0                    | 59.5            | 41.1                   | 12 600*                 | 63.9             | 40.8                   | 9 800*                  | 67.7             | 39.9                   | 6 200*                  | 26.0                    |
|                   |                 | 28.0                    | 56.5            | 39.7                   | 12 200*                 | 60.8             | 39.5                   | 9 200*                  | 64.6             | 38.5                   | 5 900*                  | 28.0                    |
| 32.0              | 50.1            | 36.5                    | 11 600*         | 54.4                   | 36.3                    | 8 300*           | 58.0                   | 35.2                    | 5 400*           | 32.0                   |                         |                         |
| 36.0              | 43.0            | 32.5                    | 10 500*         | 47.2                   | 32.3                    | 7 500*           | 50.5                   | 31.0                    | 5 000*           | 36.0                   |                         |                         |
| 40.0              | 34.6            | 27.1                    | 9 300*          | 38.7                   | 26.9                    | 6 800*           |                        |                         |                  | 40.0                   |                         |                         |
| 44.0              | 23.6            | 19.3                    | 8 500*          |                        |                         |                  |                        |                         |                  | 44.0                   |                         |                         |
| 30.5              | 100             | 10.7                    | 81.0            | 50.3                   | 16 400*                 |                  |                        |                         |                  |                        |                         | 10.7                    |
|                   |                 | 12.0                    | 79.4            | 50.1                   | 16 100*                 |                  |                        |                         |                  |                        |                         | 12.0                    |
|                   |                 | 14.0                    | 77.0            | 49.6                   | 15 500*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 74.5            | 49.0                   | 15 000*                 | 78.7             | 48.7                   | 12 900*                 |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 72.0            | 48.3                   | 14 600*                 | 76.2             | 48.1                   | 12 500*                 |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 69.5            | 47.6                   | 14 100*                 | 73.6             | 47.3                   | 12 200*                 | 77.5             | 46.4                   | 7 600*                  | 20.0                    |
|                   |                 | 22.0                    | 67.0            | 46.7                   | 13 700*                 | 71.1             | 46.4                   | 11 700*                 | 74.8             | 45.5                   | 7 200*                  | 22.0                    |
|                   |                 | 24.0                    | 64.3            | 45.7                   | 13 300*                 | 68.4             | 45.5                   | 10 800*                 | 72.1             | 44.5                   | 6 800*                  | 24.0                    |
|                   |                 | 26.0                    | 61.7            | 44.6                   | 12 900*                 | 65.7             | 44.4                   | 10 200*                 | 69.4             | 43.4                   | 6 400*                  | 26.0                    |
|                   |                 | 28.0                    | 58.9            | 43.4                   | 12 500*                 | 62.9             | 43.1                   | 9 600*                  | 66.5             | 42.2                   | 6 100*                  | 28.0                    |
| 32.0              | 53.1            | 40.5                    | 11 900*         | 57.1                   | 40.3                    | 8 600*           | 60.5                   | 39.2                    | 5 600*           | 32.0                   |                         |                         |
| 36.0              | 46.8            | 36.9                    | 11 100*         | 50.8                   | 36.7                    | 7 800*           | 54.0                   | 35.5                    | 5 200*           | 36.0                   |                         |                         |
| 40.0              | 39.7            | 32.4                    | 10 000*         | 43.6                   | 32.2                    | 7 200*           | 46.5                   | 30.8                    | 4 800*           | 40.0                   |                         |                         |
| 44.0              | 31.2            | 26.4                    | 9 000*          | 35.0                   | 26.1                    | 6 600*           |                        |                         |                  | 44.0                   |                         |                         |
| 33.5              | 110             | 12.2                    | 79.8            | 53.1                   | 16 100*                 |                  |                        |                         |                  |                        |                         | 12.2                    |
|                   |                 | 14.0                    | 77.8            | 52.7                   | 15 700*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 75.5            | 52.2                   | 15 200*                 | 79.4             | 51.9                   | 12 900*                 |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 73.1            | 51.6                   | 14 800*                 | 77.0             | 51.3                   | 12 600*                 |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 70.8            | 50.9                   | 14 300*                 | 74.7             | 50.6                   | 12 300*                 | 78.3             | 49.6                   | 7 800*                  | 20.0                    |
|                   |                 | 22.0                    | 68.4            | 50.0                   | 14 000*                 | 72.3             | 49.7                   | 11 900*                 | 75.8             | 48.8                   | 7 300*                  | 22.0                    |
|                   |                 | 24.0                    | 66.0            | 49.1                   | 13 500*                 | 69.8             | 48.8                   | 11 300*                 | 73.3             | 47.9                   | 7 000*                  | 24.0                    |
|                   |                 | 26.0                    | 63.5            | 48.1                   | 13 200*                 | 67.3             | 47.8                   | 10 600*                 | 70.8             | 46.9                   | 6 600*                  | 26.0                    |
|                   |                 | 28.0                    | 61.0            | 47.0                   | 12 800*                 | 64.8             | 46.7                   | 10 000*                 | 68.1             | 45.7                   | 6 300*                  | 28.0                    |
|                   |                 | 32.0                    | 55.7            | 44.3                   | 12 200*                 | 59.4             | 44.1                   | 9 000*                  | 62.7             | 43.0                   | 5 800*                  | 32.0                    |
| 36.0              | 50.0            | 41.1                    | 11 600*         | 53.7                   | 40.9                    | 8 200*           | 56.8                   | 39.7                    | 5 300*           | 36.0                   |                         |                         |
| 40.0              | 43.7            | 37.1                    | 10 500*         | 47.4                   | 36.9                    | 7 500*           | 50.3                   | 35.6                    | 5 000*           | 40.0                   |                         |                         |
| 44.0              | 36.6            | 32.1                    | 9 500*          | 40.2                   | 31.8                    | 7 000*           | 42.8                   | 30.3                    | 4 700*           | 44.0                   |                         |                         |
| 48.0              | 27.9            | 25.3                    | 8 800*          |                        |                         |                  |                        |                         |                  | 48.0                   |                         |                         |
| 36.6              | 120             | 12.2                    | 80.4            | 56.3                   | 16 300*                 |                  |                        |                         |                  |                        |                         | 12.2                    |
|                   |                 | 14.0                    | 78.5            | 55.9                   | 15 800*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 76.3            | 55.4                   | 15 400*                 | 80.0             | 55.0                   | 13 100*                 |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 74.1            | 54.8                   | 15 000*                 | 77.8             | 54.5                   | 12 700*                 |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 71.9            | 54.1                   | 14 600*                 | 75.6             | 53.8                   | 12 400*                 | 79.0             | 52.8                   | 7 900*                  | 20.0                    |
|                   |                 | 22.0                    | 69.7            | 53.3                   | 14 200*                 | 73.3             | 53.0                   | 12 100*                 | 76.7             | 52.1                   | 7 500*                  | 22.0                    |
|                   |                 | 24.0                    | 67.4            | 52.5                   | 13 800*                 | 71.0             | 52.2                   | 11 600*                 | 74.3             | 51.2                   | 7 100*                  | 24.0                    |
|                   |                 | 26.0                    | 65.1            | 51.5                   | 13 400*                 | 68.7             | 51.2                   | 10 900*                 | 72.0             | 50.3                   | 6 800*                  | 26.0                    |
|                   |                 | 28.0                    | 62.7            | 50.5                   | 13 000*                 | 66.3             | 50.2                   | 10 300*                 | 69.5             | 49.2                   | 6 500*                  | 28.0                    |
|                   |                 | 32.0                    | 57.8            | 48.1                   | 12 400*                 | 61.4             | 47.8                   | 9 300*                  | 64.5             | 46.7                   | 5 900*                  | 32.0                    |
| 36.0              | 52.7            | 45.1                    | 11 800*         | 56.2                   | 44.8                    | 8 500*           | 59.2                   | 43.7                    | 5 500*           | 36.0                   |                         |                         |
| 40.0              | 47.0            | 41.5                    | 11 200*         | 50.5                   | 41.3                    | 7 800*           | 53.3                   | 40.0                    | 5 100*           | 40.0                   |                         |                         |
| 44.0              | 40.8            | 37.2                    | 10 100*         | 44.3                   | 36.9                    | 7 200*           | 46.9                   | 35.5                    | 4 900*           | 44.0                   |                         |                         |
| 48.0              | 33.7            | 31.6                    | 9 200*          | 37.1                   | 31.3                    | 6 800*           |                        |                         |                  | 48.0                   |                         |                         |
| 52.0              | 24.6            | 23.9                    | 8 400*          |                        |                         |                  |                        |                         |                  | 52.0                   |                         |                         |

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| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| 39.6              | 13.0            | 12.2                    | 80.9            | 59.4                   | 16 400*                 |                  |                        |                         |                  |                        |                         | 12.2                    |
|                   |                 | 14.0                    | 79.1            | 59.0                   | 16 000*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 77.0            | 58.5                   | 15 500*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 75.0            | 58.0                   | 15 100*                 | 78.5             | 57.6                   | 12 800*                 |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 72.9            | 57.3                   | 14 700*                 | 76.4             | 57.0                   | 12 500*                 | 79.6             | 56.0                   | 8 000*                  | 20.0                    |
|                   |                 | 22.0                    | 70.8            | 56.6                   | 14 400*                 | 74.2             | 56.3                   | 12 200*                 | 77.4             | 55.3                   | 7 600*                  | 22.0                    |
|                   |                 | 24.0                    | 68.7            | 55.8                   | 14 000*                 | 72.1             | 55.5                   | 11 900*                 | 75.3             | 54.5                   | 7 300*                  | 24.0                    |
|                   |                 | 26.0                    | 66.5            | 54.9                   | 13 600*                 | 69.9             | 54.6                   | 11 300*                 | 73.0             | 53.6                   | 6 900*                  | 26.0                    |
|                   |                 | 28.0                    | 64.3            | 53.9                   | 13 300*                 | 67.7             | 53.6                   | 10 700*                 | 70.8             | 52.6                   | 6 600*                  | 28.0                    |
|                   |                 | 32.0                    | 59.8            | 51.7                   | 12 700*                 | 63.1             | 51.4                   | 9 700*                  | 66.1             | 50.3                   | 6 100*                  | 32.0                    |
|                   |                 | 36.0                    | 55.0            | 49.0                   | 12 100*                 | 58.3             | 48.7                   | 8 800*                  | 61.2             | 47.5                   | 5 700*                  | 36.0                    |
|                   |                 | 40.0                    | 49.9            | 45.7                   | 11 600*                 | 53.2             | 45.4                   | 8 100*                  | 55.9             | 44.2                   | 5 300*                  | 40.0                    |
|                   |                 | 44.0                    | 44.3            | 41.8                   | 10 600*                 | 47.6             | 41.5                   | 7 500*                  | 50.1             | 40.2                   | 5 000*                  | 44.0                    |
| 48.0              | 38.1            | 37.0                    | 9 600*          | 41.3                   | 36.7                    | 7 000*           | 43.6                   | 35.1                    | 4 800*           | 48.0                   |                         |                         |
| 52.0              | 30.8            | 30.8                    | 8 200*          | 34.0                   | 30.5                    | 6 600*           |                        |                         |                  | 52.0                   |                         |                         |
| 56.0              | 21.3            | 22.1                    | 7 000*          |                        |                         |                  |                        |                         |                  | 56.0                   |                         |                         |
| 42.7              | 14.0            | 13.7                    | 79.9            | 62.2                   | 16 200*                 |                  |                        |                         |                  |                        |                         | 13.7                    |
|                   |                 | 14.0                    | 79.6            | 62.1                   | 16 100*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 77.7            | 61.7                   | 15 700*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 75.8            | 61.1                   | 15 300*                 | 79.1             | 60.8                   | 12 900*                 |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 73.8            | 60.5                   | 14 900*                 | 77.1             | 60.2                   | 12 600*                 | 80.1             | 59.2                   | 8 200*                  | 20.0                    |
|                   |                 | 22.0                    | 71.8            | 59.9                   | 14 500*                 | 75.1             | 59.5                   | 12 400*                 | 78.1             | 58.5                   | 7 800*                  | 22.0                    |
|                   |                 | 24.0                    | 69.8            | 59.1                   | 14 200*                 | 73.1             | 58.8                   | 12 100*                 | 76.1             | 57.8                   | 7 400*                  | 24.0                    |
|                   |                 | 26.0                    | 67.8            | 58.3                   | 13 900*                 | 71.0             | 57.9                   | 11 600*                 | 74.0             | 56.9                   | 7 100*                  | 26.0                    |
|                   |                 | 28.0                    | 65.7            | 57.3                   | 13 500*                 | 68.9             | 57.0                   | 11 000*                 | 71.9             | 56.0                   | 6 800*                  | 28.0                    |
|                   |                 | 32.0                    | 61.4            | 55.2                   | 12 900*                 | 64.6             | 54.9                   | 10 000*                 | 67.5             | 53.8                   | 6 300*                  | 32.0                    |
|                   |                 | 36.0                    | 57.0            | 52.7                   | 12 300*                 | 60.2             | 52.4                   | 9 100*                  | 62.9             | 51.3                   | 5 800*                  | 36.0                    |
|                   |                 | 40.0                    | 52.3            | 49.7                   | 11 800*                 | 55.4             | 49.4                   | 8 400*                  | 58.1             | 48.2                   | 5 500*                  | 40.0                    |
|                   |                 | 44.0                    | 47.3            | 46.2                   | 10 900*                 | 50.4             | 45.9                   | 7 800*                  | 52.9             | 44.6                   | 5 100*                  | 44.0                    |
| 48.0              | 41.7            | 41.9                    | 9 300*          | 44.8                   | 41.6                    | 7 300*           | 47.1                   | 40.1                    | 4 800*           | 48.0                   |                         |                         |
| 52.0              | 35.5            | 36.6                    | 7 900*          | 38.5                   | 36.3                    | 6 800*           |                        |                         |                  | 52.0                   |                         |                         |
| 56.0              | 28.1            | 29.8                    | 6 700*          |                        |                         |                  |                        |                         |                  | 56.0                   |                         |                         |
| 45.7              | 15.0            | 13.7                    | 80.4            | 65.3                   | 16 300*                 |                  |                        |                         |                  |                        |                         | 13.7                    |
|                   |                 | 14.0                    | 80.1            | 65.2                   | 16 200*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 78.3            | 64.8                   | 15 800*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 76.4            | 64.3                   | 15 400*                 | 79.6             | 63.9                   | 13 000*                 |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 74.6            | 63.7                   | 15 100*                 | 77.7             | 63.4                   | 12 700*                 | 80.6             | 62.4                   | 8 300*                  | 20.0                    |
|                   |                 | 22.0                    | 72.7            | 63.1                   | 14 700*                 | 75.8             | 62.7                   | 12 500*                 | 78.7             | 61.7                   | 7 900*                  | 22.0                    |
|                   |                 | 24.0                    | 70.8            | 62.4                   | 14 400*                 | 73.9             | 62.0                   | 12 200*                 | 76.8             | 61.0                   | 7 500*                  | 24.0                    |
|                   |                 | 26.0                    | 68.9            | 61.6                   | 14 000*                 | 72.0             | 61.2                   | 12 000*                 | 74.8             | 60.2                   | 7 200*                  | 26.0                    |
|                   |                 | 28.0                    | 66.9            | 60.7                   | 13 700*                 | 70.0             | 60.4                   | 11 300*                 | 72.8             | 59.3                   | 6 900*                  | 28.0                    |
|                   |                 | 32.0                    | 62.9            | 58.7                   | 13 000*                 | 66.0             | 58.4                   | 10 300*                 | 68.7             | 57.3                   | 6 400*                  | 32.0                    |
|                   |                 | 36.0                    | 58.8            | 56.4                   | 12 500*                 | 61.8             | 56.0                   | 9 400*                  | 64.4             | 54.9                   | 5 900*                  | 36.0                    |
|                   |                 | 40.0                    | 54.4            | 53.6                   | 12 000*                 | 57.4             | 53.3                   | 8 700*                  | 60.0             | 52.1                   | 5 600*                  | 40.0                    |
|                   |                 | 44.0                    | 49.8            | 50.3                   | 10 700*                 | 52.8             | 50.0                   | 8 100*                  | 55.2             | 48.7                   | 5 300*                  | 44.0                    |
| 48.0              | 44.8            | 46.4                    | 9 000*          | 47.7                   | 46.1                    | 7 500*           | 50.0                   | 44.7                    | 5 000*           | 48.0                   |                         |                         |
| 52.0              | 39.3            | 41.8                    | 7 600*          | 42.2                   | 41.5                    | 7 100*           | 44.3                   | 39.9                    | 4 800*           | 52.0                   |                         |                         |
| 56.0              | 33.0            | 36.0                    | 6 400*          | 35.9                   | 35.7                    | 6 700*           |                        |                         |                  | 56.0                   |                         |                         |
| 60.0              | 25.3            | 28.4                    | 5 400*          |                        |                         |                  |                        |                         |                  | 60.0                   |                         |                         |
| 48.8              | 16.0            | 13.7                    | 80.8            | 68.4                   | 16 400*                 |                  |                        |                         |                  |                        |                         | 13.7                    |
|                   |                 | 14.0                    | 80.6            | 68.3                   | 16 400*                 |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 78.8            | 67.9                   | 15 900*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 77.1            | 67.4                   | 15 600*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 75.3            | 66.9                   | 15 200*                 |                  |                        |                         |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 73.5            | 66.3                   | 14 800*                 | 76.5             | 65.9                   | 12 600*                 | 79.3             | 64.9                   | 8 000*                  | 22.0                    |
|                   |                 | 24.0                    | 71.7            | 65.6                   | 14 500*                 | 74.7             | 65.3                   | 12 300*                 | 77.4             | 64.2                   | 7 600*                  | 24.0                    |
|                   |                 | 26.0                    | 69.9            | 64.9                   | 14 200*                 | 72.9             | 64.5                   | 12 000*                 | 75.6             | 63.5                   | 7 300*                  | 26.0                    |
|                   |                 | 28.0                    | 68.0            | 64.0                   | 13 900*                 | 71.0             | 63.7                   | 11 700*                 | 73.7             | 62.7                   | 7 000*                  | 28.0                    |
|                   |                 | 32.0                    | 64.3            | 62.2                   | 13 200*                 | 67.2             | 61.8                   | 10 600*                 | 69.8             | 60.8                   | 6 500*                  | 32.0                    |
|                   |                 | 36.0                    | 60.4            | 59.9                   | 12 700*                 | 63.3             | 59.6                   | 9 700*                  | 65.8             | 58.5                   | 6 100*                  | 36.0                    |
|                   |                 | 40.0                    | 56.3            | 57.4                   | 12 200*                 | 59.2             | 57.0                   | 9 000*                  | 61.6             | 55.9                   | 5 700*                  | 40.0                    |
|                   |                 | 44.0                    | 52.0            | 54.3                   | 10 600*                 | 54.8             | 54.0                   | 8 300*                  | 57.2             | 52.7                   | 5 400*                  | 44.0                    |
| 48.0              | 47.4            | 50.8                    | 8 900*          | 50.2                   | 50.4                    | 7 800*           | 52.5                   | 49.1                    | 5 100*           | 48.0                   |                         |                         |
| 52.0              | 42.5            | 46.6                    | 7 500*          | 45.3                   | 46.2                    | 7 300*           | 47.3                   | 44.8                    | 4 900*           | 52.0                   |                         |                         |
| 56.0              | 37.0            | 41.5                    | 6 300*          | 39.7                   | 41.2                    | 6 700*           |                        |                         |                  | 56.0                   |                         |                         |
| 60.0              | 30.6            | 35.2                    | 5 300*          | 33.3                   | 34.9                    | 5 600*           |                        |                         |                  | 60.0                   |                         |                         |
| 64.0              | 22.6            | 26.8                    | 4 400*          |                        |                         |                  |                        |                         |                  | 64.0                   |                         |                         |

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| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| 518               | 170             | 15.2                    | 80.0            | 71.2                   | 16 200*                 |                  |                        |                         |                  |                        |                         | 15.2                    |
|                   |                 | 16.0                    | 79.3            | 71.0                   | 16 100*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 77.7            | 70.6                   | 15 700*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 76.0            | 70.1                   | 15 300*                 | 78.8             | 69.7                   | 12 900*                 |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 74.3            | 69.5                   | 15 000*                 | 77.1             | 69.1                   | 12 700*                 | 79.8             | 68.1                   | 8 100*                  | 22.0                    |
|                   |                 | 24.0                    | 72.5            | 68.8                   | 14 700*                 | 75.4             | 68.5                   | 12 400*                 | 78.0             | 67.4                   | 7 800*                  | 24.0                    |
|                   |                 | 26.0                    | 70.8            | 68.1                   | 14 400*                 | 73.6             | 67.8                   | 12 200*                 | 76.2             | 66.7                   | 7 400*                  | 26.0                    |
|                   |                 | 28.0                    | 69.1            | 67.3                   | 14 100*                 | 71.9             | 67.0                   | 11 900*                 | 74.4             | 65.9                   | 7 100*                  | 28.0                    |
|                   |                 | 32.0                    | 65.5            | 65.6                   | 13 500*                 | 68.3             | 65.2                   | 10 900*                 | 70.8             | 64.1                   | 6 600*                  | 32.0                    |
|                   |                 | 36.0                    | 61.8            | 63.5                   | 12 900*                 | 64.6             | 63.1                   | 10 000*                 | 67.0             | 62.0                   | 6 200*                  | 36.0                    |
|                   |                 | 40.0                    | 58.0            | 61.0                   | 12 300                  | 60.7             | 60.7                   | 9 200*                  | 63.1             | 59.5                   | 5 800*                  | 40.0                    |
|                   |                 | 44.0                    | 53.9            | 58.2                   | 10 300                  | 56.7             | 57.9                   | 8 600*                  | 59.0             | 56.6                   | 5 500*                  | 44.0                    |
|                   |                 | 48.0                    | 49.7            | 54.9                   | 8 600                   | 52.4             | 54.6                   | 8 000*                  | 54.6             | 53.3                   | 5 200*                  | 48.0                    |
|                   |                 | 52.0                    | 45.2            | 51.1                   | 7 200                   | 47.9             | 50.7                   | 7 500*                  | 49.9             | 49.3                   | 5 000*                  | 52.0                    |
| 56.0              | 40.2            | 46.5                    | 6 000           | 42.9                   | 46.2                    | 6 500            | 44.8                   | 44.6                    | 4 800*           | 56.0                   |                         |                         |
| 60.0              | 34.7            | 41.1                    | 5 000           | 37.3                   | 40.7                    | 5 500            |                        |                         |                  | 60.0                   |                         |                         |
| 64.0              | 28.2            | 34.2                    | 4 200           | 30.7                   | 33.8                    | 4 500            |                        |                         |                  | 64.0                   |                         |                         |
| 549               | 180             | 15.2                    | 80.4            | 74.3                   | 16 300*                 |                  |                        |                         |                  |                        |                         | 15.2                    |
|                   |                 | 16.0                    | 79.8            | 74.1                   | 16 200*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 78.2            | 73.7                   | 15 800*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 76.6            | 73.2                   | 15 500*                 | 79.3             | 72.8                   | 13 000*                 |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 74.9            | 72.7                   | 15 100*                 | 77.7             | 72.3                   | 12 700*                 | 80.2             | 71.3                   | 8 200*                  | 22.0                    |
|                   |                 | 24.0                    | 73.3            | 72.0                   | 14 800*                 | 76.0             | 71.7                   | 12 500*                 | 78.5             | 70.6                   | 7 900*                  | 24.0                    |
|                   |                 | 26.0                    | 71.6            | 71.4                   | 14 500*                 | 74.4             | 71.0                   | 12 300*                 | 76.9             | 70.0                   | 7 600*                  | 26.0                    |
|                   |                 | 28.0                    | 70.0            | 70.6                   | 14 200*                 | 72.7             | 70.3                   | 12 000*                 | 75.2             | 69.2                   | 7 300*                  | 28.0                    |
|                   |                 | 32.0                    | 66.6            | 68.9                   | 13 600*                 | 69.3             | 68.6                   | 11 200*                 | 71.7             | 67.5                   | 6 800*                  | 32.0                    |
|                   |                 | 36.0                    | 63.1            | 67.0                   | 13 100*                 | 65.7             | 66.6                   | 10 200*                 | 68.1             | 65.5                   | 6 300*                  | 36.0                    |
|                   |                 | 40.0                    | 59.5            | 64.6                   | 12 200                  | 62.1             | 64.3                   | 9 500*                  | 64.4             | 63.1                   | 5 900*                  | 40.0                    |
|                   |                 | 44.0                    | 55.7            | 62.0                   | 10 100                  | 58.3             | 61.6                   | 8 800*                  | 60.5             | 60.4                   | 5 600*                  | 44.0                    |
|                   |                 | 48.0                    | 51.7            | 58.9                   | 8 400                   | 54.3             | 58.6                   | 8 300*                  | 56.5             | 57.3                   | 5 300*                  | 48.0                    |
|                   |                 | 52.0                    | 47.6            | 55.4                   | 7 000                   | 50.1             | 55.0                   | 7 600                   | 52.1             | 53.7                   | 5 100*                  | 52.0                    |
| 56.0              | 43.0            | 51.2                    | 5 800           | 45.6                   | 50.9                    | 6 300            | 47.5                   | 49.4                    | 4 900*           | 56.0                   |                         |                         |
| 60.0              | 38.1            | 46.4                    | 4 800           | 40.6                   | 46.0                    | 5 200            |                        |                         |                  | 60.0                   |                         |                         |
| 64.0              | 32.5            | 40.5                    | 3 900           | 35.0                   | 40.1                    | 4 300            |                        |                         |                  | 64.0                   |                         |                         |
| 68.0              | 25.8            | 32.9                    | 3 100           |                        |                         |                  |                        |                         |                  | 68.0                   |                         |                         |
| 579               | 190             | 15.2                    | 80.8            | 77.4                   | 16 400*                 |                  |                        |                         |                  |                        |                         | 15.2                    |
|                   |                 | 16.0                    | 80.2            | 77.2                   | 16 300*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 78.7            | 76.8                   | 15 900*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 77.1            | 76.4                   | 15 600*                 | 79.8             | 76.0                   | 13 000*                 |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 75.6            | 75.8                   | 15 300*                 | 78.2             | 75.4                   | 12 800*                 |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 74.0            | 75.2                   | 14 900*                 | 76.6             | 74.9                   | 12 600*                 | 79.0             | 73.8                   | 7 900*                  | 24.0                    |
|                   |                 | 26.0                    | 72.4            | 74.6                   | 14 600*                 | 75.0             | 74.2                   | 12 400*                 | 77.4             | 73.2                   | 7 600*                  | 26.0                    |
|                   |                 | 28.0                    | 70.8            | 73.9                   | 14 400*                 | 73.4             | 73.5                   | 12 100*                 | 75.8             | 72.4                   | 7 400*                  | 28.0                    |
|                   |                 | 32.0                    | 67.6            | 72.3                   | 13 800*                 | 70.2             | 71.9                   | 11 400*                 | 72.5             | 70.8                   | 6 900*                  | 32.0                    |
|                   |                 | 36.0                    | 64.2            | 70.4                   | 13 300*                 | 66.8             | 70.0                   | 10 500*                 | 69.1             | 68.9                   | 6 400*                  | 36.0                    |
|                   |                 | 40.0                    | 60.8            | 68.2                   | 11 800                  | 63.4             | 67.9                   | 9 700*                  | 65.6             | 66.7                   | 6 100*                  | 40.0                    |
|                   |                 | 44.0                    | 57.3            | 65.7                   | 9 700                   | 59.8             | 65.3                   | 9 100*                  | 61.9             | 64.1                   | 5 700*                  | 44.0                    |
|                   |                 | 48.0                    | 53.6            | 62.8                   | 8 000                   | 56.1             | 62.5                   | 8 500*                  | 58.1             | 61.2                   | 5 400*                  | 48.0                    |
|                   |                 | 52.0                    | 49.7            | 59.5                   | 6 600                   | 52.1             | 59.2                   | 7 300                   | 54.1             | 57.8                   | 5 200*                  | 52.0                    |
| 56.0              | 45.5            | 55.7                    | 5 400           | 48.0                   | 55.4                    | 6 100            | 49.8                   | 53.9                    | 5 000*           | 56.0                   |                         |                         |
| 60.0              | 41.0            | 51.3                    | 4 400           | 43.4                   | 50.9                    | 4 900            | 45.2                   | 49.3                    | 4 800*           | 60.0                   |                         |                         |
| 64.0              | 36.1            | 46.0                    | 3 500           | 38.4                   | 45.7                    | 4 000            |                        |                         |                  | 64.0                   |                         |                         |
| 68.0              | 30.4            | 39.7                    | 2 800           | 32.7                   | 39.2                    | 3 200            |                        |                         |                  | 68.0                   |                         |                         |
| 72.0              | 23.5            | 31.4                    | 2 100           |                        |                         |                  |                        |                         |                  | 72.0                   |                         |                         |



# LIFTCRANE JIB CAPACITIES

EUROPEAN  
STANDARDS

**888 SERIES 2**

**JIB NO. 134 WITH 3 810 mm STRUT ON  
 BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING**

**18.3m (60 FT.) JIB**

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| <b>610</b>        | <b>200</b>      | 16.8                    | 80.0            | 80.2                   | 16 200*                 |                  |                        |                         |                  |                        |                         | 16.8                    |
|                   |                 | 18.0                    | 79.1            | 80.0                   | 16 000*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 77.6            | 79.5                   | 15 700*                 | 80.2             | 79.1                   | 13 100*                 |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 76.1            | 79.0                   | 15 400*                 | 78.7             | 78.6                   | 12 900*                 |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 74.6            | 78.4                   | 15 100*                 | 77.1             | 78.0                   | 12 700*                 | 79.5             | 77.0                   | 8 000*                  | 24.0                    |
|                   |                 | 26.0                    | 73.1            | 77.8                   | 14 800*                 | 75.6             | 77.4                   | 12 500*                 | 77.9             | 76.4                   | 7 700*                  | 26.0                    |
|                   |                 | 28.0                    | 71.6            | 77.1                   | 14 500*                 | 74.1             | 76.7                   | 12 200*                 | 76.4             | 75.7                   | 7 500*                  | 28.0                    |
|                   |                 | 32.0                    | 68.5            | 75.6                   | 13 900*                 | 71.0             | 75.2                   | 11 700*                 | 73.2             | 74.1                   | 7 000*                  | 32.0                    |
|                   |                 | 36.0                    | 65.3            | 73.8                   | 13 400                  | 67.8             | 73.4                   | 10 800*                 | 70.0             | 72.3                   | 6 600*                  | 36.0                    |
|                   |                 | 40.0                    | 62.1            | 71.7                   | 11 400                  | 64.5             | 71.4                   | 10 000*                 | 66.6             | 70.2                   | 6 200*                  | 40.0                    |
|                   |                 | 44.0                    | 58.7            | 69.3                   | 9 400                   | 61.1             | 69.0                   | 9 300*                  | 63.2             | 67.8                   | 5 900*                  | 44.0                    |
|                   |                 | 48.0                    | 55.2            | 66.6                   | 7 800                   | 57.6             | 66.3                   | 8 600                   | 59.6             | 65.0                   | 5 600*                  | 48.0                    |
|                   |                 | 52.0                    | 51.5            | 63.5                   | 6 300                   | 53.9             | 63.2                   | 7 100                   | 55.9             | 61.8                   | 5 300*                  | 52.0                    |
|                   |                 | 56.0                    | 47.7            | 60.0                   | 5 100                   | 50.0             | 59.6                   | 5 800                   | 51.9             | 58.2                   | 5 100*                  | 56.0                    |
|                   |                 | 60.0                    | 43.5            | 55.9                   | 4 100                   | 45.9             | 55.5                   | 4 700                   | 47.6             | 54.0                   | 4 900                   | 60.0                    |
|                   |                 | 64.0                    | 39.1            | 51.2                   | 3 200                   | 41.4             | 50.8                   | 3 800                   | 42.9             | 49.1                   | 3 900                   | 64.0                    |
| 68.0              | 34.1            | 45.6                    | 2 500           | 36.3                   | 45.2                    | 2 900            |                        |                         |                  | 68.0                   |                         |                         |
| <b>640</b>        | <b>210</b>      | 16.8                    | 80.4            | 83.3                   | 16 300*                 |                  |                        |                         |                  |                        |                         | 16.8                    |
|                   |                 | 18.0                    | 79.5            | 83.1                   | 16 100*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 78.1            | 82.6                   | 15 800*                 | 80.5             | 82.2                   | 13 200*                 |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 76.7            | 82.1                   | 15 500*                 | 79.1             | 81.7                   | 12 900*                 |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 75.2            | 81.6                   | 15 200*                 | 77.6             | 81.2                   | 12 700*                 | 79.9             | 80.1                   | 8 100*                  | 24.0                    |
|                   |                 | 26.0                    | 73.8            | 81.0                   | 14 900*                 | 76.2             | 80.6                   | 12 500*                 | 78.4             | 79.5                   | 7 800*                  | 26.0                    |
|                   |                 | 28.0                    | 72.3            | 80.4                   | 14 600*                 | 74.7             | 80.0                   | 12 300*                 | 76.9             | 78.9                   | 7 600*                  | 28.0                    |
|                   |                 | 32.0                    | 69.3            | 78.9                   | 14 100*                 | 71.7             | 78.5                   | 11 900*                 | 73.9             | 77.4                   | 7 100*                  | 32.0                    |
|                   |                 | 36.0                    | 66.3            | 77.2                   | 13 200                  | 68.7             | 76.8                   | 11 000*                 | 70.8             | 75.7                   | 6 700*                  | 36.0                    |
|                   |                 | 40.0                    | 63.2            | 75.2                   | 11 000                  | 65.6             | 74.8                   | 10 200*                 | 67.6             | 73.7                   | 6 300*                  | 40.0                    |
|                   |                 | 44.0                    | 60.0            | 72.9                   | 9 200                   | 62.3             | 72.6                   | 9 500*                  | 64.4             | 71.4                   | 6 000*                  | 44.0                    |
|                   |                 | 48.0                    | 56.7            | 70.3                   | 7 500                   | 59.0             | 70.0                   | 8 400                   | 61.0             | 68.7                   | 5 700*                  | 48.0                    |
|                   |                 | 52.0                    | 53.2            | 67.4                   | 6 100                   | 55.5             | 67.1                   | 6 900                   | 57.4             | 65.8                   | 5 400*                  | 52.0                    |
|                   |                 | 56.0                    | 49.6            | 64.1                   | 4 900                   | 51.9             | 63.8                   | 5 600                   | 53.7             | 62.4                   | 5 200*                  | 56.0                    |
|                   |                 | 60.0                    | 45.8            | 60.3                   | 3 900                   | 48.0             | 60.0                   | 4 500                   | 49.8             | 58.5                   | 4 800                   | 60.0                    |
|                   |                 | 64.0                    | 41.7            | 56.0                   | 3 000                   | 43.9             | 55.6                   | 3 500                   | 45.5             | 54.0                   | 3 800                   | 64.0                    |
| 68.0              | 37.2            | 50.9                    | 2 200           | 39.4                   | 50.5                    | 2 700            |                        |                         |                  | 68.0                   |                         |                         |
| 72.0              |                 |                         |                 | 34.3                   | 44.5                    | 2 000            |                        |                         |                  | 72.0                   |                         |                         |
| <b>671</b>        | <b>220</b>      | 16.8                    | 80.7            | 86.4                   | 16 400*                 |                  |                        |                         |                  |                        |                         | 16.8                    |
|                   |                 | 18.0                    | 79.9            | 86.2                   | 16 200*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 78.5            | 85.8                   | 15 900*                 | 80.9             | 85.3                   | 13 200*                 |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 77.1            | 85.3                   | 15 600*                 | 79.5             | 84.9                   | 13 000*                 |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 75.8            | 84.8                   | 15 300*                 | 78.1             | 84.4                   | 12 800*                 |                  |                        |                         | 24.0                    |
|                   |                 | 26.0                    | 74.4            | 84.2                   | 15 000*                 | 76.7             | 83.8                   | 12 600*                 | 78.8             | 82.7                   | 7 900*                  | 26.0                    |
|                   |                 | 28.0                    | 72.9            | 83.6                   | 14 700*                 | 75.3             | 83.2                   | 12 400*                 | 77.4             | 82.1                   | 7 700*                  | 28.0                    |
|                   |                 | 32.0                    | 70.1            | 82.1                   | 14 300*                 | 72.4             | 81.8                   | 12 000*                 | 74.5             | 80.7                   | 7 200*                  | 32.0                    |
|                   |                 | 36.0                    | 67.2            | 80.5                   | 12 700                  | 69.5             | 80.1                   | 11 200*                 | 71.5             | 79.0                   | 6 800*                  | 36.0                    |
|                   |                 | 40.0                    | 64.2            | 78.6                   | 10 600                  | 66.5             | 78.2                   | 10 500*                 | 68.5             | 77.1                   | 6 400*                  | 40.0                    |
|                   |                 | 44.0                    | 61.2            | 76.5                   | 8 700                   | 63.4             | 76.1                   | 9 600                   | 65.4             | 74.9                   | 6 000*                  | 44.0                    |
|                   |                 | 48.0                    | 58.0            | 74.0                   | 7 200                   | 60.3             | 73.6                   | 8 100                   | 62.2             | 72.4                   | 5 800*                  | 48.0                    |
|                   |                 | 52.0                    | 54.8            | 71.2                   | 5 800                   | 57.0             | 70.9                   | 6 600                   | 58.8             | 69.6                   | 5 500*                  | 52.0                    |
|                   |                 | 56.0                    | 51.3            | 68.1                   | 4 600                   | 53.6             | 67.8                   | 5 400                   | 55.3             | 66.4                   | 5 300*                  | 56.0                    |
|                   |                 | 60.0                    | 47.8            | 64.6                   | 3 600                   | 50.0             | 64.2                   | 4 300                   | 51.7             | 62.8                   | 4 600                   | 60.0                    |
|                   |                 | 64.0                    | 44.0            | 60.6                   | 2 700                   | 46.1             | 60.2                   | 3 300                   | 47.7             | 58.7                   | 3 500                   | 64.0                    |
| 68.0              | 39.8            | 55.9                    | 1 900           | 42.0                   | 55.6                    | 2 500            | 43.5                   | 53.9                    | 2 700            | 68.0                   |                         |                         |
| <b>701</b>        | <b>230</b>      | 18.3                    | 80.0            | 89.2                   | 16 200*                 |                  |                        |                         |                  |                        |                         | 18.3                    |
|                   |                 | 20.0                    | 78.9            | 88.9                   | 16 000*                 |                  |                        |                         |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 77.6            | 88.4                   | 15 700*                 | 79.9             | 88.0                   | 13 100*                 |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 76.3            | 87.9                   | 15 400*                 | 78.5             | 87.5                   | 12 800*                 |                  |                        |                         | 24.0                    |
|                   |                 | 26.0                    | 74.9            | 87.4                   | 15 100*                 | 77.2             | 87.0                   | 12 600*                 | 79.3             | 85.9                   | 8 000*                  | 26.0                    |
|                   |                 | 28.0                    | 73.6            | 86.8                   | 14 900*                 | 75.8             | 86.4                   | 12 500*                 | 77.9             | 85.3                   | 7 800*                  | 28.0                    |
|                   |                 | 32.0                    | 70.8            | 85.4                   | 14 400*                 | 73.1             | 85.0                   | 12 100*                 | 75.1             | 83.9                   | 7 300*                  | 32.0                    |
|                   |                 | 36.0                    | 68.0            | 83.8                   | 12 200                  | 70.3             | 83.4                   | 11 500*                 | 72.2             | 82.3                   | 6 800*                  | 36.0                    |
|                   |                 | 40.0                    | 65.2            | 82.0                   | 10 100                  | 67.4             | 81.6                   | 10 700*                 | 69.3             | 80.5                   | 6 500*                  | 40.0                    |
|                   |                 | 44.0                    | 62.3            | 79.9                   | 8 300                   | 64.5             | 79.6                   | 9 200                   | 66.4             | 78.4                   | 6 100*                  | 44.0                    |
|                   |                 | 48.0                    | 59.3            | 77.6                   | 6 800                   | 61.4             | 77.2                   | 7 700                   | 63.3             | 76.0                   | 5 900*                  | 48.0                    |
|                   |                 | 52.0                    | 56.2            | 75.0                   | 5 500                   | 58.3             | 74.6                   | 6 300                   | 60.1             | 73.3                   | 5 600*                  | 52.0                    |
|                   |                 | 56.0                    | 52.9            | 72.0                   | 4 300                   | 55.1             | 71.7                   | 5 100                   | 56.8             | 70.3                   | 5 400*                  | 56.0                    |
|                   |                 | 60.0                    | 49.6            | 68.7                   | 3 300                   | 51.7             | 68.3                   | 4 000                   | 53.4             | 66.9                   | 4 300                   | 60.0                    |
|                   |                 | 64.0                    | 46.0            | 65.0                   | 2 400                   | 48.1             | 64.6                   | 3 000                   | 49.7             | 63.1                   | 3 300                   | 64.0                    |
|                   |                 | 68.0                    |                 |                        |                         | 44.3             | 60.3                   | 2 200                   | 45.8             | 58.7                   | 2 400                   | 68.0                    |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

JIB NO. 134 WITH 3 810 mm STRUT ON

BOOM NO. 22EL

81 240 kg CRANE COUNTERWEIGHT

19 960 kg CARBODY COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

360 DEGREE RATING

### 18.3m (60 FT.) JIB

| BOOM<br>LGTH.<br>METERS    | BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RADIUS<br>METERS | 5 DEGREE OFFSET      |                                 |                                | 15 DEGREE OFFSET     |                                 |                                | 25 DEGREE OFFSET     |                                 |                                | JIB<br>OPER.<br>RADIUS<br>METERS |
|----------------------------|-----------------------|----------------------------------|----------------------|---------------------------------|--------------------------------|----------------------|---------------------------------|--------------------------------|----------------------|---------------------------------|--------------------------------|----------------------------------|
|                            |                       |                                  | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>METERS | JIB<br>CAPACI TY<br>KI LOGRAMS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>METERS | JIB<br>CAPACI TY<br>KI LOGRAMS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>METERS | JIB<br>CAPACI TY<br>KI LOGRAMS |                                  |
| <b>7<br/>3<br/>-<br/>2</b> | <b>2<br/>4<br/>0</b>  | 18.3                             | 80.4                 | 92.3                            | 16 300*                        |                      |                                 |                                |                      |                                 |                                | 18.3                             |
|                            |                       | 20.0                             | 79.3                 | 92.0                            | 16 100*                        |                      |                                 |                                |                      |                                 |                                | 20.0                             |
|                            |                       | 22.0                             | 78.0                 | 91.6                            | 15 800*                        | 80.2                 | 91.1                            | 13 100*                        |                      |                                 |                                | 22.0                             |
|                            |                       | 24.0                             | 76.7                 | 91.1                            | 15 500*                        | 78.9                 | 90.7                            | 12 900*                        |                      |                                 |                                | 24.0                             |
|                            |                       | 26.0                             | 75.4                 | 90.5                            | 15 200*                        | 77.6                 | 90.1                            | 12 700*                        | 79.6                 | 89.0                            | 8 100*                         | 26.0                             |
|                            |                       | 28.0                             | 74.1                 | 90.0                            | 15 000*                        | 76.3                 | 89.6                            | 12 600*                        | 78.3                 | 88.4                            | 7 900*                         | 28.0                             |
|                            |                       | 32.0                             | 71.5                 | 88.6                            | 14 300                         | 73.6                 | 88.2                            | 12 200*                        | 75.6                 | 87.1                            | 7 400*                         | 32.0                             |
|                            |                       | 36.0                             | 68.8                 | 87.1                            | 11 800                         | 71.0                 | 86.7                            | 11 700*                        | 72.9                 | 85.6                            | 6 900*                         | 36.0                             |
|                            |                       | 40.0                             | 66.1                 | 85.4                            | 9 600                          | 68.2                 | 85.0                            | 10 700                         | 70.1                 | 83.8                            | 6 600*                         | 40.0                             |
|                            |                       | 44.0                             | 63.3                 | 83.4                            | 7 800                          | 65.4                 | 83.0                            | 8 800                          | 67.2                 | 81.8                            | 6 300*                         | 44.0                             |
|                            |                       | 48.0                             | 60.4                 | 81.2                            | 6 300                          | 62.5                 | 80.8                            | 7 300                          | 64.3                 | 79.6                            | 6 000*                         | 48.0                             |
|                            |                       | 52.0                             | 57.4                 | 78.7                            | 5 100                          | 59.5                 | 78.3                            | 5 900                          | 61.3                 | 77.0                            | 5 700*                         | 52.0                             |
|                            |                       | 56.0                             | 54.4                 | 75.9                            | 4 000                          | 56.5                 | 75.5                            | 4 700                          | 58.2                 | 74.2                            | 5 200                          | 56.0                             |
|                            |                       | 60.0                             | 51.2                 | 72.7                            | 3 000                          | 53.3                 | 72.3                            | 3 700                          | 54.9                 | 71.0                            | 4 100                          | 60.0                             |
| 64.0                       | 47.8                  | 69.2                             | 2 100                | 49.9                            | 68.8                           | 2 800                | 51.5                            | 67.4                           | 3 100                | 64.0                            |                                |                                  |
| 68.0                       |                       |                                  |                      | 46.3                            | 64.8                           | 1 900                | 47.8                            | 63.3                           | 2 200                | 68.0                            |                                |                                  |
| <b>7<br/>6<br/>-<br/>2</b> | <b>2<br/>5<br/>0</b>  | 18.3                             | 80.7                 | 95.4                            | 16 400*                        |                      |                                 |                                |                      |                                 |                                | 18.3                             |
|                            |                       | 20.0                             | 79.6                 | 95.1                            | 16 200*                        |                      |                                 |                                |                      |                                 |                                | 20.0                             |
|                            |                       | 22.0                             | 78.4                 | 94.7                            | 15 900*                        | 80.5                 | 94.3                            | 13 200*                        |                      |                                 |                                | 22.0                             |
|                            |                       | 24.0                             | 77.2                 | 94.2                            | 15 600*                        | 79.3                 | 93.8                            | 13 000*                        |                      |                                 |                                | 24.0                             |
|                            |                       | 26.0                             | 75.9                 | 93.7                            | 15 400*                        | 78.0                 | 93.3                            | 12 800*                        | 80.0                 | 92.2                            | 8 200*                         | 26.0                             |
|                            |                       | 28.0                             | 74.7                 | 93.1                            | 15 100*                        | 76.8                 | 92.7                            | 12 600*                        | 78.7                 | 91.6                            | 7 900*                         | 28.0                             |
|                            |                       | 32.0                             | 72.1                 | 91.9                            | 14 200                         | 74.2                 | 91.5                            | 12 200*                        | 76.1                 | 90.3                            | 7 400*                         | 32.0                             |
|                            |                       | 36.0                             | 69.5                 | 90.4                            | 11 700                         | 71.6                 | 90.0                            | 11 900*                        | 73.5                 | 88.9                            | 7 000*                         | 36.0                             |
|                            |                       | 40.0                             | 66.9                 | 88.7                            | 9 600                          | 69.0                 | 88.3                            | 10 700                         | 70.8                 | 87.2                            | 6 700*                         | 40.0                             |
|                            |                       | 44.0                             | 64.2                 | 86.8                            | 7 800                          | 66.3                 | 86.4                            | 8 800                          | 68.1                 | 85.3                            | 6 400*                         | 44.0                             |
|                            |                       | 48.0                             | 61.5                 | 84.7                            | 6 300                          | 63.5                 | 84.3                            | 7 200                          | 65.3                 | 83.1                            | 6 100*                         | 48.0                             |
|                            |                       | 52.0                             | 58.6                 | 82.3                            | 5 000                          | 60.7                 | 81.9                            | 5 900                          | 62.4                 | 80.7                            | 5 800*                         | 52.0                             |
|                            |                       | 56.0                             | 55.7                 | 79.6                            | 4 000                          | 57.7                 | 79.2                            | 4 700                          | 59.4                 | 77.9                            | 5 200                          | 56.0                             |
|                            |                       | 60.0                             | 52.7                 | 76.6                            | 3 000                          | 54.7                 | 76.3                            | 3 700                          | 56.3                 | 74.9                            | 4 100                          | 60.0                             |
| 64.0                       | 49.5                  | 73.3                             | 2 100                | 51.5                            | 72.9                           | 2 800                | 53.1                            | 71.5                           | 3 100                | 64.0                            |                                |                                  |
| 68.0                       |                       |                                  |                      | 48.2                            | 69.2                           | 2 000                | 49.6                            | 67.7                           | 2 300                | 68.0                            |                                |                                  |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

JIB NO. 134 WITH 3 810 mm STRUT ON

BOOM NO. 22EL

81 240 kg CRANE COUNTERWEIGHT

19 960 kg CARBODY COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

360 DEGREE RATING

### 21.3m (70 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                        | 15 DEGREE OFFSET |                        |                        | 25 DEGREE OFFSET |                        |                        | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|------------------------|------------------|------------------------|------------------------|------------------|------------------------|------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KILOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KILOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KILOGRAMS |                         |
| <b>27.4</b>       | <b>90</b>       | 12.2                    | 79.3            | 50.1                   | 12 200*                |                  |                        |                        |                  |                        |                        | 12.2                    |
|                   |                 | 14.0                    | 77.1            | 49.7                   | 12 000*                |                  |                        |                        |                  |                        |                        | 14.0                    |
|                   |                 | 16.0                    | 74.7            | 49.1                   | 11 600*                | 79.1             | 48.8                   | 10 800*                |                  |                        |                        | 16.0                    |
|                   |                 | 18.0                    | 72.2            | 48.5                   | 11 200*                | 76.6             | 48.1                   | 10 500*                |                  |                        |                        | 18.0                    |
|                   |                 | 20.0                    | 69.7            | 47.7                   | 10 900*                | 74.1             | 47.3                   | 10 200*                | 78.7             | 46.5                   | 6 600*                 | 20.0                    |
|                   |                 | 22.0                    | 67.2            | 46.8                   | 10 600*                | 71.5             | 46.5                   | 9 900*                 | 76.0             | 45.6                   | 6 200*                 | 22.0                    |
|                   |                 | 24.0                    | 64.5            | 45.9                   | 10 300*                | 68.9             | 45.5                   | 9 500*                 | 73.3             | 44.6                   | 5 800*                 | 24.0                    |
|                   |                 | 26.0                    | 61.9            | 44.8                   | 10 000*                | 66.2             | 44.4                   | 9 000*                 | 70.6             | 43.5                   | 5 500*                 | 26.0                    |
|                   |                 | 28.0                    | 59.1            | 43.6                   | 9 700*                 | 63.4             | 43.2                   | 8 400*                 | 67.7             | 42.2                   | 5 200*                 | 28.0                    |
|                   |                 | 32.0                    | 53.4            | 40.8                   | 9 100*                 | 57.6             | 40.3                   | 7 500*                 | 61.8             | 39.3                   | 4 800*                 | 32.0                    |
| 36.0              | 47.1            | 37.2                    | 8 600*          | 51.2                   | 36.8                   | 6 700*           | 55.2                   | 35.6                   | 4 400*           | 36.0                   |                        |                         |
| 40.0              | 40.1            | 32.8                    | 8 200*          | 44.1                   | 32.2                   | 6 200*           | 47.8                   | 30.9                   | 4 000*           | 40.0                   |                        |                         |
| 44.0              | 31.7            | 26.9                    | 7 800*          | 35.6                   | 26.2                   | 5 700*           |                        |                        |                  | 44.0                   |                        |                         |
| <b>30.5</b>       | <b>100</b>      | 12.2                    | 79.9            | 53.2                   | 12 200*                |                  |                        |                        |                  |                        |                        | 12.2                    |
|                   |                 | 14.0                    | 77.9            | 52.8                   | 12 200*                |                  |                        |                        |                  |                        |                        | 14.0                    |
|                   |                 | 16.0                    | 75.6            | 52.3                   | 11 800*                | 79.8             | 51.9                   | 10 900*                |                  |                        |                        | 16.0                    |
|                   |                 | 18.0                    | 73.3            | 51.7                   | 11 400*                | 77.5             | 51.3                   | 10 600*                |                  |                        |                        | 18.0                    |
|                   |                 | 20.0                    | 71.0            | 51.0                   | 11 100*                | 75.1             | 50.6                   | 10 300*                | 79.4             | 49.7                   | 6 800*                 | 20.0                    |
|                   |                 | 22.0                    | 68.6            | 50.2                   | 10 800*                | 72.7             | 49.8                   | 10 000*                | 76.9             | 48.9                   | 6 400*                 | 22.0                    |
|                   |                 | 24.0                    | 66.2            | 49.3                   | 10 400*                | 70.2             | 48.9                   | 9 700*                 | 74.4             | 47.9                   | 6 000*                 | 24.0                    |
|                   |                 | 26.0                    | 63.7            | 48.3                   | 10 200*                | 67.8             | 47.9                   | 9 300*                 | 71.9             | 46.9                   | 5 700*                 | 26.0                    |
|                   |                 | 28.0                    | 61.2            | 47.2                   | 9 900*                 | 65.2             | 46.8                   | 8 700*                 | 69.3             | 45.8                   | 5 400*                 | 28.0                    |
|                   |                 | 32.0                    | 55.9            | 44.6                   | 9 300*                 | 59.9             | 44.1                   | 7 800*                 | 63.8             | 43.1                   | 4 900*                 | 32.0                    |
| 36.0              | 50.2            | 41.4                    | 8 900*          | 54.2                   | 40.9                   | 7 100*           | 57.9                   | 39.8                   | 4 500*           | 36.0                   |                        |                         |
| 40.0              | 44.0            | 37.5                    | 8 400*          | 47.9                   | 36.9                   | 6 400*           | 51.4                   | 35.7                   | 4 200*           | 40.0                   |                        |                         |
| 44.0              | 37.0            | 32.5                    | 8 000*          | 40.7                   | 31.9                   | 5 900*           | 44.0                   | 30.4                   | 3 900*           | 44.0                   |                        |                         |
| 48.0              | 28.5            | 25.9                    | 7 600*          | 31.9                   | 25.1                   | 5 600*           |                        |                        |                  | 48.0                   |                        |                         |
| <b>33.5</b>       | <b>110</b>      | 12.2                    | 80.5            | 56.3                   | 12 300*                |                  |                        |                        |                  |                        |                        | 12.2                    |
|                   |                 | 14.0                    | 78.6            | 55.9                   | 12 200*                |                  |                        |                        |                  |                        |                        | 14.0                    |
|                   |                 | 16.0                    | 76.4            | 55.5                   | 11 900*                |                  |                        |                        |                  |                        |                        | 16.0                    |
|                   |                 | 18.0                    | 74.3            | 54.9                   | 11 600*                | 78.2             | 54.5                   | 10 700*                |                  |                        |                        | 18.0                    |
|                   |                 | 20.0                    | 72.1            | 54.2                   | 11 300*                | 76.0             | 53.8                   | 10 400*                | 80.0             | 52.9                   | 6 900*                 | 20.0                    |
|                   |                 | 22.0                    | 69.8            | 53.5                   | 10 900*                | 73.7             | 53.1                   | 10 100*                | 77.7             | 52.1                   | 6 500*                 | 22.0                    |
|                   |                 | 24.0                    | 67.6            | 52.6                   | 10 600*                | 71.4             | 52.2                   | 9 900*                 | 75.4             | 51.3                   | 6 100*                 | 24.0                    |
|                   |                 | 26.0                    | 65.3            | 51.7                   | 10 400*                | 69.1             | 51.3                   | 9 600*                 | 73.0             | 50.3                   | 5 800*                 | 26.0                    |
|                   |                 | 28.0                    | 62.9            | 50.7                   | 10 100*                | 66.7             | 50.2                   | 9 100*                 | 70.6             | 49.2                   | 5 500*                 | 28.0                    |
|                   |                 | 32.0                    | 58.0            | 48.3                   | 9 600*                 | 61.8             | 47.8                   | 8 100*                 | 65.6             | 46.7                   | 5 000*                 | 32.0                    |
| 36.0              | 52.9            | 45.4                    | 9 100*          | 56.6                   | 44.9                   | 7 400*           | 60.2                   | 43.7                   | 4 600*           | 36.0                   |                        |                         |
| 40.0              | 47.3            | 41.8                    | 8 600*          | 51.0                   | 41.3                   | 6 700*           | 54.4                   | 40.1                   | 4 300*           | 40.0                   |                        |                         |
| 44.0              | 41.2            | 37.5                    | 8 200*          | 44.7                   | 36.9                   | 6 200*           | 47.9                   | 35.5                   | 4 000*           | 44.0                   |                        |                         |
| 48.0              | 34.1            | 32.1                    | 7 900*          | 37.5                   | 31.4                   | 5 800*           |                        |                        |                  | 48.0                   |                        |                         |
| 52.0              | 25.2            | 24.6                    | 7 400*          |                        |                        |                  |                        |                        |                  | 52.0                   |                        |                         |
| <b>36.6</b>       | <b>120</b>      | 12.2                    | 81.0            | 59.4                   | 12 300*                |                  |                        |                        |                  |                        |                        | 12.2                    |
|                   |                 | 14.0                    | 79.2            | 59.1                   | 12 200*                |                  |                        |                        |                  |                        |                        | 14.0                    |
|                   |                 | 16.0                    | 77.2            | 58.6                   | 12 100*                |                  |                        |                        |                  |                        |                        | 16.0                    |
|                   |                 | 18.0                    | 75.1            | 58.1                   | 11 700*                | 78.8             | 57.7                   | 10 700*                |                  |                        |                        | 18.0                    |
|                   |                 | 20.0                    | 73.0            | 57.4                   | 11 400*                | 76.7             | 57.0                   | 10 500*                | 80.6             | 56.1                   | 7 000*                 | 20.0                    |
|                   |                 | 22.0                    | 71.0            | 56.7                   | 11 100*                | 74.6             | 56.3                   | 10 200*                | 78.4             | 55.3                   | 6 600*                 | 22.0                    |
|                   |                 | 24.0                    | 68.8            | 55.9                   | 10 800*                | 72.5             | 55.5                   | 10 000*                | 76.3             | 54.5                   | 6 300*                 | 24.0                    |
|                   |                 | 26.0                    | 66.7            | 55.1                   | 10 500*                | 70.3             | 54.7                   | 9 700*                 | 74.0             | 53.6                   | 6 000*                 | 26.0                    |
|                   |                 | 28.0                    | 64.5            | 54.1                   | 10 300*                | 68.1             | 53.7                   | 9 400*                 | 71.8             | 52.6                   | 5 700*                 | 28.0                    |
|                   |                 | 32.0                    | 59.9            | 51.9                   | 9 700*                 | 63.5             | 51.4                   | 8 400*                 | 67.1             | 50.3                   | 5 200*                 | 32.0                    |
| 36.0              | 55.2            | 49.2                    | 9 300*          | 58.7                   | 48.7                   | 7 700*           | 62.2                   | 47.6                   | 4 800*           | 36.0                   |                        |                         |
| 40.0              | 50.1            | 46.0                    | 8 800*          | 53.6                   | 45.5                   | 7 000*           | 56.9                   | 44.2                   | 4 500*           | 40.0                   |                        |                         |
| 44.0              | 44.6            | 42.1                    | 8 400*          | 48.0                   | 41.6                   | 6 500*           | 51.1                   | 40.2                   | 4 100*           | 44.0                   |                        |                         |
| 48.0              | 38.4            | 37.4                    | 8 100*          | 41.8                   | 36.7                   | 6 000*           | 44.6                   | 35.2                   | 3 900*           | 48.0                   |                        |                         |
| 52.0              | 31.3            | 31.3                    | 7 700*          | 34.4                   | 30.6                   | 5 600*           |                        |                        |                  | 52.0                   |                        |                         |
| 56.0              | 22.0            | 22.9                    | 7 200*          |                        |                        |                  |                        |                        |                  | 56.0                   |                        |                         |

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JIB NO. 134 WITH 3 810 mm STRUT ON

BOOM NO. 22EL

81 240 kg CRANE COUNTERWEIGHT

19 960 kg CARBODY COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

360 DEGREE RATING

### 21.3m (70 FT.) JIB

| BOOM<br>LGTH.<br>METERS    | BOOM<br>LGTH.<br>FEET | JIB<br>OPER.<br>RADIUS<br>METERS | 5 DEGREE OFFSET      |                                 |                                | 15 DEGREE OFFSET     |                                 |                                | 25 DEGREE OFFSET     |                                 |                                | JIB<br>OPER.<br>RADIUS<br>METERS |
|----------------------------|-----------------------|----------------------------------|----------------------|---------------------------------|--------------------------------|----------------------|---------------------------------|--------------------------------|----------------------|---------------------------------|--------------------------------|----------------------------------|
|                            |                       |                                  | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>METERS | JIB<br>CAPACI TY<br>KI LOGRAMS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>METERS | JIB<br>CAPACI TY<br>KI LOGRAMS | BOOM<br>ANG.<br>DEG. | JIB<br>POINT<br>ELEV.<br>METERS | JIB<br>CAPACI TY<br>KI LOGRAMS |                                  |
| <b>3<br/>9<br/>-<br/>6</b> | <b>1<br/>3<br/>0</b>  | 13.7                             | 80.0                 | 62.2                            | 12 200*                        |                      |                                 |                                |                      |                                 |                                | 13.7                             |
|                            |                       | 14.0                             | 79.8                 | 62.2                            | 12 200*                        |                      |                                 |                                |                      |                                 |                                | 14.0                             |
|                            |                       | 16.0                             | 77.8                 | 61.7                            | 12 100*                        |                      |                                 |                                |                      |                                 |                                | 16.0                             |
|                            |                       | 18.0                             | 75.9                 | 61.2                            | 11 800*                        | 79.4                 | 60.8                            | 10 800*                        |                      |                                 |                                | 18.0                             |
|                            |                       | 20.0                             | 73.9                 | 60.6                            | 11 500*                        | 77.4                 | 60.2                            | 10 600*                        |                      |                                 |                                | 20.0                             |
|                            |                       | 22.0                             | 71.9                 | 60.0                            | 11 200*                        | 75.4                 | 59.6                            | 10 300*                        | 79.1                 | 58.6                            | 6 700*                         | 22.0                             |
|                            |                       | 24.0                             | 69.9                 | 59.2                            | 10 900*                        | 73.4                 | 58.8                            | 10 100*                        | 77.0                 | 57.8                            | 6 400*                         | 24.0                             |
|                            |                       | 26.0                             | 67.9                 | 58.4                            | 10 700*                        | 71.4                 | 58.0                            | 9 900*                         | 74.9                 | 56.9                            | 6 100*                         | 26.0                             |
|                            |                       | 28.0                             | 65.8                 | 57.5                            | 10 400*                        | 69.3                 | 57.1                            | 9 600*                         | 72.8                 | 56.0                            | 5 800*                         | 28.0                             |
|                            |                       | 32.0                             | 61.6                 | 55.4                            | 9 900*                         | 65.0                 | 55.0                            | 8 700*                         | 68.4                 | 53.9                            | 5 300*                         | 32.0                             |
|                            |                       | 36.0                             | 57.2                 | 52.9                            | 9 500*                         | 60.5                 | 52.4                            | 7 900*                         | 63.9                 | 51.3                            | 4 900*                         | 36.0                             |
|                            |                       | 40.0                             | 52.5                 | 50.0                            | 9 000*                         | 55.8                 | 49.5                            | 7 300*                         | 59.0                 | 48.2                            | 4 600*                         | 40.0                             |
|                            |                       | 44.0                             | 47.5                 | 46.4                            | 8 600*                         | 50.8                 | 45.9                            | 6 700*                         | 53.8                 | 44.6                            | 4 300*                         | 44.0                             |
|                            |                       | 48.0                             | 42.0                 | 42.2                            | 8 300*                         | 45.2                 | 41.6                            | 6 300*                         | 48.1                 | 40.1                            | 4 000*                         | 48.0                             |
|                            |                       | 52.0                             | 35.9                 | 37.0                            | 7 900*                         | 38.9                 | 36.4                            | 5 800*                         |                      |                                 |                                | 52.0                             |
|                            |                       | 56.0                             | 28.5                 | 30.4                            | 7 300                          | 31.4                 | 29.5                            | 5 500*                         |                      |                                 |                                | 56.0                             |
| <b>4<br/>2<br/>-<br/>7</b> | <b>1<br/>4<br/>0</b>  | 13.7                             | 80.5                 | 65.3                            | 12 300*                        |                      |                                 |                                |                      |                                 |                                | 13.7                             |
|                            |                       | 14.0                             | 80.2                 | 65.3                            | 12 300*                        |                      |                                 |                                |                      |                                 |                                | 14.0                             |
|                            |                       | 16.0                             | 78.4                 | 64.9                            | 12 200*                        |                      |                                 |                                |                      |                                 |                                | 16.0                             |
|                            |                       | 18.0                             | 76.6                 | 64.4                            | 12 000*                        |                      |                                 |                                |                      |                                 |                                | 18.0                             |
|                            |                       | 20.0                             | 74.7                 | 63.8                            | 11 700*                        | 78.1                 | 63.4                            | 10 700*                        |                      |                                 |                                | 20.0                             |
|                            |                       | 22.0                             | 72.8                 | 63.2                            | 11 400*                        | 76.2                 | 62.8                            | 10 400*                        | 79.6                 | 61.7                            | 6 800*                         | 22.0                             |
|                            |                       | 24.0                             | 70.9                 | 62.5                            | 11 100*                        | 74.3                 | 62.1                            | 10 200*                        | 77.7                 | 61.0                            | 6 500*                         | 24.0                             |
|                            |                       | 26.0                             | 69.0                 | 61.7                            | 10 800*                        | 72.3                 | 61.3                            | 10 000*                        | 75.7                 | 60.2                            | 6 200*                         | 26.0                             |
|                            |                       | 28.0                             | 67.1                 | 60.9                            | 10 600*                        | 70.4                 | 60.4                            | 9 700*                         | 73.7                 | 59.4                            | 5 900*                         | 28.0                             |
|                            |                       | 32.0                             | 63.1                 | 58.9                            | 10 100*                        | 66.3                 | 58.4                            | 9 000*                         | 69.6                 | 57.3                            | 5 400*                         | 32.0                             |
|                            |                       | 36.0                             | 58.9                 | 56.6                            | 9 600*                         | 62.2                 | 56.1                            | 8 200*                         | 65.3                 | 54.9                            | 5 000*                         | 36.0                             |
|                            |                       | 40.0                             | 54.6                 | 53.8                            | 9 200*                         | 57.8                 | 53.3                            | 7 500*                         | 60.9                 | 52.1                            | 4 700*                         | 40.0                             |
|                            |                       | 44.0                             | 50.0                 | 50.6                            | 8 800*                         | 53.1                 | 50.0                            | 7 000*                         | 56.1                 | 48.7                            | 4 400*                         | 44.0                             |
|                            |                       | 48.0                             | 45.0                 | 46.8                            | 8 500*                         | 48.1                 | 46.2                            | 6 500*                         | 50.9                 | 44.8                            | 4 200*                         | 48.0                             |
|                            |                       | 52.0                             | 39.6                 | 42.2                            | 8 100                          | 42.6                 | 41.5                            | 6 100*                         | 45.2                 | 39.9                            | 3 900*                         | 52.0                             |
|                            |                       | 56.0                             | 33.4                 | 36.5                            | 7 000                          | 36.2                 | 35.7                            | 5 700*                         |                      |                                 |                                | 56.0                             |
| 60.0                       | 25.8                  | 29.1                             | 6 000                |                                 |                                |                      |                                 |                                |                      | 60.0                            |                                |                                  |
| <b>4<br/>5<br/>-<br/>7</b> | <b>1<br/>5<br/>0</b>  | 13.7                             | 81.0                 | 68.4                            | 12 300*                        |                      |                                 |                                |                      |                                 |                                | 13.7                             |
|                            |                       | 14.0                             | 80.7                 | 68.4                            | 12 300*                        |                      |                                 |                                |                      |                                 |                                | 14.0                             |
|                            |                       | 16.0                             | 79.0                 | 68.0                            | 12 200*                        |                      |                                 |                                |                      |                                 |                                | 16.0                             |
|                            |                       | 18.0                             | 77.2                 | 67.5                            | 12 100*                        |                      |                                 |                                |                      |                                 |                                | 18.0                             |
|                            |                       | 20.0                             | 75.4                 | 67.0                            | 11 800*                        | 78.6                 | 66.6                            | 10 700*                        |                      |                                 |                                | 20.0                             |
|                            |                       | 22.0                             | 73.6                 | 66.4                            | 11 500*                        | 76.8                 | 66.0                            | 10 500*                        | 80.1                 | 64.9                            | 6 900*                         | 22.0                             |
|                            |                       | 24.0                             | 71.8                 | 65.7                            | 11 200*                        | 75.0                 | 65.3                            | 10 300*                        | 78.3                 | 64.2                            | 6 600*                         | 24.0                             |
|                            |                       | 26.0                             | 70.0                 | 65.0                            | 11 000*                        | 73.2                 | 64.6                            | 10 100*                        | 76.4                 | 63.5                            | 6 300*                         | 26.0                             |
|                            |                       | 28.0                             | 68.2                 | 64.2                            | 10 700*                        | 71.3                 | 63.7                            | 9 900*                         | 74.5                 | 62.7                            | 6 000*                         | 28.0                             |
|                            |                       | 32.0                             | 64.4                 | 62.3                            | 10 200*                        | 67.5                 | 61.9                            | 9 300*                         | 70.7                 | 60.8                            | 5 600*                         | 32.0                             |
|                            |                       | 36.0                             | 60.5                 | 60.1                            | 9 800*                         | 63.6                 | 59.7                            | 8 500*                         | 66.7                 | 58.5                            | 5 200*                         | 36.0                             |
|                            |                       | 40.0                             | 56.5                 | 57.6                            | 9 400*                         | 59.5                 | 57.1                            | 7 800*                         | 62.5                 | 55.9                            | 4 800*                         | 40.0                             |
|                            |                       | 44.0                             | 52.2                 | 54.6                            | 9 000*                         | 55.2                 | 54.0                            | 7 200*                         | 58.0                 | 52.8                            | 4 500*                         | 44.0                             |
|                            |                       | 48.0                             | 47.6                 | 51.1                            | 8 600*                         | 50.6                 | 50.5                            | 6 700*                         | 53.3                 | 49.1                            | 4 300*                         | 48.0                             |
|                            |                       | 52.0                             | 42.7                 | 46.9                            | 8 000                          | 45.6                 | 46.3                            | 6 300*                         | 48.2                 | 44.8                            | 4 000*                         | 52.0                             |
|                            |                       | 56.0                             | 37.2                 | 41.9                            | 6 800                          | 40.1                 | 41.2                            | 5 900*                         | 42.4                 | 39.5                            | 3 900*                         | 56.0                             |
| 60.0                       | 31.0                  | 35.8                             | 5 800                | 33.6                            | 34.9                           | 5 600*               |                                 |                                |                      | 60.0                            |                                |                                  |
| 64.0                       | 23.1                  | 27.5                             | 4 800                |                                 |                                |                      |                                 |                                |                      | 64.0                            |                                |                                  |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

JIB NO. 134 WITH 3 810 mm STRUT ON

BOOM NO. 22EL

81 240 kg CRANE COUNTERWEIGHT

19 960 kg CARBODY COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

360 DEGREE RATING

### 21.3m (70 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| <b>48.8</b>       | <b>160</b>      | 15.2                    | 80.1            | 71.3                   | 12 200*                 |                  |                        |                         |                  |                        |                         | 15.2                    |
|                   |                 | 16.0                    | 79.4            | 71.1                   | 12 200*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 77.8            | 70.7                   | 12 100*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 76.1            | 70.2                   | 11 900*                 | 79.1             | 69.7                   | 10 800*                 |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 74.4            | 69.6                   | 11 600*                 | 77.4             | 69.1                   | 10 600*                 |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 72.7            | 69.0                   | 11 300*                 | 75.7             | 68.5                   | 10 400*                 | 78.8             | 67.4                   | 6 700*                  | 24.0                    |
|                   |                 | 26.0                    | 70.9            | 68.2                   | 11 100*                 | 74.0             | 67.8                   | 10 100*                 | 77.1             | 66.7                   | 6 400*                  | 26.0                    |
|                   |                 | 28.0                    | 69.2            | 67.5                   | 10 800*                 | 72.2             | 67.0                   | 10 000*                 | 75.3             | 65.9                   | 6 100*                  | 28.0                    |
|                   |                 | 32.0                    | 65.6            | 65.7                   | 10 300*                 | 68.6             | 65.3                   | 9 600*                  | 71.6             | 64.1                   | 5 700*                  | 32.0                    |
|                   |                 | 36.0                    | 61.9            | 63.7                   | 9 900*                  | 64.9             | 63.2                   | 8 700*                  | 67.8             | 62.0                   | 5 300*                  | 36.0                    |
|                   |                 | 40.0                    | 58.1            | 61.2                   | 9 400*                  | 61.0             | 60.7                   | 8 000*                  | 63.9             | 59.5                   | 4 900*                  | 40.0                    |
|                   |                 | 44.0                    | 54.1            | 58.4                   | 9 100*                  | 57.0             | 57.9                   | 7 400*                  | 59.8             | 56.6                   | 4 600*                  | 44.0                    |
|                   |                 | 48.0                    | 49.9            | 55.2                   | 8 800*                  | 52.8             | 54.6                   | 6 900*                  | 55.4             | 53.3                   | 4 400*                  | 48.0                    |
|                   |                 | 52.0                    | 45.4            | 51.4                   | 7 800                   | 48.2             | 50.8                   | 6 500*                  | 50.7             | 49.3                   | 4 200*                  | 52.0                    |
|                   |                 | 56.0                    | 40.5            | 46.9                   | 6 600                   | 43.2             | 46.3                   | 6 100*                  | 45.6             | 44.6                   | 3 900*                  | 56.0                    |
|                   |                 | 60.0                    | 35.0            | 41.5                   | 5 600                   | 37.6             | 40.8                   | 5 700                   |                  |                        |                         | 60.0                    |
| 64.0              | 28.6            | 34.8                    | 4 700           | 31.1                   | 33.9                    | 4 900            |                        |                         |                  | 64.0                   |                         |                         |
| 68.0              | 20.3            | 25.5                    | 3 900           |                        |                         |                  |                        |                         |                  | 68.0                   |                         |                         |
| <b>51.8</b>       | <b>170</b>      | 15.2                    | 80.5            | 74.4                   | 12 300*                 |                  |                        |                         |                  |                        |                         | 15.2                    |
|                   |                 | 16.0                    | 79.9            | 74.2                   | 12 300*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 78.3            | 73.8                   | 12 200*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 76.7            | 73.3                   | 11 900*                 | 79.6             | 72.9                   | 10 900*                 |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 75.1            | 72.8                   | 11 600*                 | 78.0             | 72.3                   | 10 600*                 |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 73.4            | 72.2                   | 11 400*                 | 76.3             | 71.7                   | 10 400*                 | 79.3             | 70.6                   | 6 800*                  | 24.0                    |
|                   |                 | 26.0                    | 71.8            | 71.5                   | 11 100*                 | 74.7             | 71.0                   | 10 200*                 | 77.6             | 69.9                   | 6 500*                  | 26.0                    |
|                   |                 | 28.0                    | 70.1            | 70.8                   | 10 800*                 | 73.0             | 70.3                   | 10 100*                 | 75.9             | 69.2                   | 6 200*                  | 28.0                    |
|                   |                 | 32.0                    | 66.7            | 69.1                   | 10 300*                 | 69.6             | 68.6                   | 9 700*                  | 72.5             | 67.5                   | 5 800*                  | 32.0                    |
|                   |                 | 36.0                    | 63.2            | 67.1                   | 9 900*                  | 66.0             | 66.6                   | 9 000*                  | 68.9             | 65.5                   | 5 400*                  | 36.0                    |
|                   |                 | 40.0                    | 59.6            | 64.8                   | 9 500*                  | 62.4             | 64.3                   | 8 300*                  | 65.2             | 63.1                   | 5 000*                  | 40.0                    |
|                   |                 | 44.0                    | 55.8            | 62.2                   | 9 100*                  | 58.6             | 61.7                   | 7 600*                  | 61.3             | 60.4                   | 4 700*                  | 44.0                    |
|                   |                 | 48.0                    | 51.9            | 59.2                   | 8 800*                  | 54.7             | 58.6                   | 7 200*                  | 57.2             | 57.3                   | 4 500*                  | 48.0                    |
|                   |                 | 52.0                    | 47.7            | 55.7                   | 7 600                   | 50.4             | 55.1                   | 6 700*                  | 52.9             | 53.6                   | 4 200*                  | 52.0                    |
|                   |                 | 56.0                    | 43.3            | 51.6                   | 6 400                   | 45.9             | 50.9                   | 6 300*                  | 48.3             | 49.4                   | 4 100*                  | 56.0                    |
|                   |                 | 60.0                    | 38.4            | 46.8                   | 5 400                   | 40.9             | 46.1                   | 5 700                   | 43.1             | 44.3                   | 3 900*                  | 60.0                    |
| 64.0              | 32.8            | 41.0                    | 4 500           | 35.3                   | 40.1                    | 4 700            |                        |                         |                  | 64.0                   |                         |                         |
| 68.0              | 26.3            | 33.6                    | 3 700           |                        |                         |                  |                        |                         |                  | 68.0                   |                         |                         |
| <b>54.9</b>       | <b>180</b>      | 15.2                    | 80.9            | 77.5                   | 12 300*                 |                  |                        |                         |                  |                        |                         | 15.2                    |
|                   |                 | 16.0                    | 80.3            | 77.3                   | 12 300*                 |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 78.8            | 76.9                   | 12 200*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 77.2            | 76.4                   | 11 900*                 | 80.0             | 76.0                   | 10 900*                 |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 75.7            | 75.9                   | 11 600*                 | 78.5             | 75.5                   | 10 700*                 |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 74.1            | 75.3                   | 11 400*                 | 76.9             | 74.9                   | 10 500*                 | 79.8             | 73.8                   | 6 900*                  | 24.0                    |
|                   |                 | 26.0                    | 72.5            | 74.7                   | 11 100*                 | 75.3             | 74.3                   | 10 300*                 | 78.2             | 73.1                   | 6 600*                  | 26.0                    |
|                   |                 | 28.0                    | 70.9            | 74.0                   | 10 900*                 | 73.7             | 73.5                   | 10 100*                 | 76.5             | 72.4                   | 6 300*                  | 28.0                    |
|                   |                 | 32.0                    | 67.7            | 72.4                   | 10 400*                 | 70.4             | 71.9                   | 9 700*                  | 73.2             | 70.8                   | 5 900*                  | 32.0                    |
|                   |                 | 36.0                    | 64.4            | 70.5                   | 9 900*                  | 67.1             | 70.1                   | 9 200*                  | 69.8             | 68.9                   | 5 500*                  | 36.0                    |
|                   |                 | 40.0                    | 60.9            | 68.4                   | 9 500*                  | 63.7             | 67.9                   | 8 500*                  | 66.3             | 66.7                   | 5 100*                  | 40.0                    |
|                   |                 | 44.0                    | 57.4            | 65.9                   | 9 200*                  | 60.1             | 65.4                   | 7 900*                  | 62.7             | 64.1                   | 4 800*                  | 44.0                    |
|                   |                 | 48.0                    | 53.7            | 63.1                   | 8 800                   | 56.4             | 62.5                   | 7 300*                  | 58.9             | 61.2                   | 4 600*                  | 48.0                    |
|                   |                 | 52.0                    | 49.8            | 59.8                   | 7 300                   | 52.4             | 59.2                   | 6 900*                  | 54.9             | 57.8                   | 4 300*                  | 52.0                    |
|                   |                 | 56.0                    | 45.7            | 56.0                   | 6 100                   | 48.3             | 55.4                   | 6 500                   | 50.6             | 53.9                   | 4 200*                  | 56.0                    |
|                   |                 | 60.0                    | 41.2            | 51.6                   | 5 100                   | 43.7             | 51.0                   | 5 400                   | 45.9             | 49.3                   | 4 000*                  | 60.0                    |
| 64.0              | 36.3            | 46.5                    | 4 200           | 38.8                   | 45.7                    | 4 400            | 40.7                   | 43.9                    | 3 800*           | 64.0                   |                         |                         |
| 68.0              | 30.7            | 40.2                    | 3 400           | 33.0                   | 39.3                    | 3 600            |                        |                         |                  | 68.0                   |                         |                         |
| 72.0              | 23.9            | 32.1                    | 2 700           |                        |                         |                  |                        |                         |                  | 72.0                   |                         |                         |



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81 240 kg CRANE COUNTERWEIGHT

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| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| <b>57.9</b>       | <b>190</b>      | 16.8                    | 80.1            | 80.3                   | 12 200*                 |                  |                        |                         |                  |                        |                         | 16.8                    |
|                   |                 | 18.0                    | 79.2            | 80.0                   | 12 100*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 77.7            | 79.6                   | 11 900*                 | 80.4             | 79.1                   | 11 000*                 |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 76.2            | 79.1                   | 11 600*                 | 78.9             | 78.6                   | 10 800*                 |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 74.7            | 78.5                   | 11 300*                 | 77.4             | 78.1                   | 10 600*                 |                  |                        |                         | 24.0                    |
|                   |                 | 26.0                    | 73.2            | 77.9                   | 11 100*                 | 75.9             | 77.5                   | 10 400*                 | 78.7             | 76.3                   | 6 700*                  | 26.0                    |
|                   |                 | 28.0                    | 71.7            | 77.2                   | 10 900*                 | 74.4             | 76.8                   | 10 200*                 | 77.1             | 75.7                   | 6 400*                  | 28.0                    |
|                   |                 | 32.0                    | 68.6            | 75.7                   | 10 400*                 | 71.3             | 75.2                   | 9 800*                  | 73.9             | 74.1                   | 6 000*                  | 32.0                    |
|                   |                 | 36.0                    | 65.4            | 73.9                   | 10 000*                 | 68.1             | 73.5                   | 9 400*                  | 70.7             | 72.3                   | 5 600*                  | 36.0                    |
|                   |                 | 40.0                    | 62.2            | 71.9                   | 9 600*                  | 64.8             | 71.4                   | 8 700*                  | 67.4             | 70.2                   | 5 200*                  | 40.0                    |
|                   |                 | 44.0                    | 58.8            | 69.5                   | 9 200*                  | 61.4             | 69.0                   | 8 100*                  | 63.9             | 67.8                   | 5 000*                  | 44.0                    |
|                   |                 | 48.0                    | 55.3            | 66.8                   | 8 500                   | 57.9             | 66.3                   | 7 600*                  | 60.3             | 65.0                   | 4 700*                  | 48.0                    |
|                   |                 | 52.0                    | 51.7            | 63.8                   | 7 100                   | 54.2             | 63.2                   | 7 100*                  | 56.6             | 61.8                   | 4 400*                  | 52.0                    |
|                   |                 | 56.0                    | 47.8            | 60.3                   | 5 800                   | 50.3             | 59.7                   | 6 200                   | 52.6             | 58.2                   | 4 200*                  | 56.0                    |
|                   |                 | 60.0                    | 43.7            | 56.2                   | 4 800                   | 46.2             | 55.6                   | 5 100                   | 48.3             | 54.0                   | 4 100*                  | 60.0                    |
|                   |                 | 64.0                    | 39.3            | 51.6                   | 3 900                   | 41.7             | 50.8                   | 4 200                   | 43.6             | 49.1                   | 3 900*                  | 64.0                    |
| 68.0              | 34.3            | 46.0                    | 3 100           | 36.6                   | 45.2                    | 3 300            |                        |                         |                  | 68.0                   |                         |                         |
| 72.0              | 28.6            | 39.2                    | 2 400           |                        |                         |                  |                        |                         |                  | 72.0                   |                         |                         |
| <b>61.0</b>       | <b>200</b>      | 16.8                    | 80.5            | 83.4                   | 12 200*                 |                  |                        |                         |                  |                        |                         | 16.8                    |
|                   |                 | 18.0                    | 79.6            | 83.1                   | 12 100*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 78.2            | 82.7                   | 11 800*                 | 80.8             | 82.3                   | 11 000*                 |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 76.8            | 82.2                   | 11 600*                 | 79.4             | 81.8                   | 10 800*                 |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 75.3            | 81.7                   | 11 300*                 | 77.9             | 81.2                   | 10 600*                 |                  |                        |                         | 24.0                    |
|                   |                 | 26.0                    | 73.9            | 81.1                   | 11 100*                 | 76.4             | 80.6                   | 10 500*                 | 79.1             | 79.5                   | 6 700*                  | 26.0                    |
|                   |                 | 28.0                    | 72.4            | 80.5                   | 10 800*                 | 75.0             | 80.0                   | 10 300*                 | 77.6             | 78.9                   | 6 500*                  | 28.0                    |
|                   |                 | 32.0                    | 69.4            | 79.0                   | 10 400*                 | 72.0             | 78.5                   | 9 900*                  | 74.6             | 77.4                   | 6 100*                  | 32.0                    |
|                   |                 | 36.0                    | 66.4            | 77.3                   | 10 000*                 | 68.9             | 76.8                   | 9 600*                  | 71.5             | 75.6                   | 5 700*                  | 36.0                    |
|                   |                 | 40.0                    | 63.3            | 75.3                   | 9 600*                  | 65.8             | 74.8                   | 8 900*                  | 68.3             | 73.6                   | 5 300*                  | 40.0                    |
|                   |                 | 44.0                    | 60.1            | 73.1                   | 9 200*                  | 62.6             | 72.6                   | 8 300*                  | 65.0             | 71.3                   | 5 000*                  | 44.0                    |
|                   |                 | 48.0                    | 56.8            | 70.6                   | 8 200                   | 59.3             | 70.0                   | 7 800*                  | 61.6             | 68.7                   | 4 800*                  | 48.0                    |
|                   |                 | 52.0                    | 53.4            | 67.7                   | 6 800                   | 55.8             | 67.1                   | 7 300                   | 58.1             | 65.7                   | 4 500*                  | 52.0                    |
|                   |                 | 56.0                    | 49.8            | 64.4                   | 5 600                   | 52.2             | 63.8                   | 6 000                   | 54.4             | 62.3                   | 4 300*                  | 56.0                    |
|                   |                 | 60.0                    | 45.9            | 60.6                   | 4 500                   | 48.3             | 60.0                   | 4 900                   | 50.4             | 58.5                   | 4 200*                  | 60.0                    |
|                   |                 | 64.0                    | 41.9            | 56.3                   | 3 600                   | 44.2             | 55.7                   | 3 900                   | 46.2             | 54.0                   | 4 000*                  | 64.0                    |
| 68.0              | 37.4            | 51.3                    | 2 800           | 39.7                   | 50.6                    | 3 100            | 41.5                   | 48.7                    | 3 300            | 68.0                   |                         |                         |
| 72.0              | 32.4            | 45.4                    | 2 100           | 34.6                   | 44.5                    | 2 300            |                        |                         |                  | 72.0                   |                         |                         |
| <b>64.0</b>       | <b>210</b>      | 16.8                    | 80.8            | 86.5                   | 12 200*                 |                  |                        |                         |                  |                        |                         | 16.8                    |
|                   |                 | 18.0                    | 80.0            | 86.2                   | 12 000*                 |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 78.6            | 85.8                   | 11 800*                 |                  |                        |                         |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 77.2            | 85.4                   | 11 500*                 | 79.7             | 84.9                   | 10 900*                 |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 75.8            | 84.9                   | 11 300*                 | 78.4             | 84.4                   | 10 700*                 |                  |                        |                         | 24.0                    |
|                   |                 | 26.0                    | 74.5            | 84.3                   | 11 100*                 | 76.9             | 83.8                   | 10 500*                 | 79.5             | 82.7                   | 6 800*                  | 26.0                    |
|                   |                 | 28.0                    | 73.0            | 83.7                   | 10 800*                 | 75.5             | 83.2                   | 10 300*                 | 78.1             | 82.1                   | 6 600*                  | 28.0                    |
|                   |                 | 32.0                    | 70.2            | 82.3                   | 10 400*                 | 72.7             | 81.8                   | 10 000*                 | 75.2             | 80.6                   | 6 200*                  | 32.0                    |
|                   |                 | 36.0                    | 67.3            | 80.6                   | 10 000*                 | 69.8             | 80.2                   | 9 700*                  | 72.2             | 79.0                   | 5 800*                  | 36.0                    |
|                   |                 | 40.0                    | 64.3            | 78.8                   | 9 600*                  | 66.8             | 78.3                   | 9 100*                  | 69.2             | 77.0                   | 5 400*                  | 40.0                    |
|                   |                 | 44.0                    | 61.3            | 76.6                   | 9 300*                  | 63.7             | 76.1                   | 8 500*                  | 66.1             | 74.9                   | 5 100*                  | 44.0                    |
|                   |                 | 48.0                    | 58.1            | 74.2                   | 8 000                   | 60.5             | 73.7                   | 8 000*                  | 62.8             | 72.4                   | 4 800*                  | 48.0                    |
|                   |                 | 52.0                    | 54.9            | 71.5                   | 6 600                   | 57.3             | 70.9                   | 7 100                   | 59.5             | 69.6                   | 4 600*                  | 52.0                    |
|                   |                 | 56.0                    | 51.5            | 68.4                   | 5 300                   | 53.8             | 67.8                   | 5 800                   | 56.0             | 66.4                   | 4 400*                  | 56.0                    |
|                   |                 | 60.0                    | 47.9            | 64.9                   | 4 300                   | 50.2             | 64.3                   | 4 700                   | 52.3             | 62.8                   | 4 200*                  | 60.0                    |
|                   |                 | 64.0                    | 44.1            | 60.9                   | 3 400                   | 46.4             | 60.2                   | 3 700                   | 48.4             | 58.6                   | 4 000                   | 64.0                    |
| 68.0              | 40.1            | 56.3                    | 2 600           | 42.3                   | 55.6                    | 2 900            | 44.1                   | 53.8                    | 3 100            | 68.0                   |                         |                         |
| 72.0              |                 |                         |                 | 37.7                   | 50.2                    | 2 100            |                        |                         |                  | 72.0                   |                         |                         |



# LIFTCRANE JIB CAPACITIES

EUROPEAN  
STANDARDS

**888 SERIES 2**

**JIB NO. 134 WITH 3 810 mm STRUT ON  
 BOOM NO. 22EL  
 81 240 kg CRANE COUNTERWEIGHT  
 19 960 kg CARBODY COUNTERWEIGHT  
 8 585 mm CRAWLERS EXTENDED  
 360 DEGREE RATING**

**21.3m (70 FT.) JIB**

| BOOM LGTH. METERS    | BOOM LGTH. FEET      | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|----------------------|----------------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                      |                      |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| <b>6<br/>7<br/>1</b> | <b>2<br/>2<br/>0</b> | 18.3                    | 80.1            | 89.3                   | 11 900*                 |                  |                        |                         |                  |                        |                         | 18.3                    |
|                      |                      | 20.0                    | 79.0            | 88.9                   | 11 700*                 |                  |                        |                         |                  |                        |                         | 20.0                    |
|                      |                      | 22.0                    | 77.7            | 88.5                   | 11 500*                 | 80.1             | 88.0                   | 10 900*                 |                  |                        |                         | 22.0                    |
|                      |                      | 24.0                    | 76.3            | 88.0                   | 11 200*                 | 78.8             | 87.5                   | 10 700*                 |                  |                        |                         | 24.0                    |
|                      |                      | 26.0                    | 75.0            | 87.5                   | 11 000*                 | 77.4             | 87.0                   | 10 600*                 | 79.9             | 85.8                   | 6 900*                  | 26.0                    |
|                      |                      | 28.0                    | 73.7            | 86.9                   | 10 800*                 | 76.1             | 86.4                   | 10 400*                 | 78.5             | 85.2                   | 6 700*                  | 28.0                    |
|                      |                      | 32.0                    | 70.9            | 85.5                   | 10 400*                 | 73.3             | 85.0                   | 10 100*                 | 75.7             | 83.9                   | 6 300*                  | 32.0                    |
|                      |                      | 36.0                    | 68.1            | 84.0                   | 10 000*                 | 70.5             | 83.5                   | 9 800*                  | 72.9             | 82.3                   | 5 900*                  | 36.0                    |
|                      |                      | 40.0                    | 65.3            | 82.2                   | 9 600*                  | 67.6             | 81.7                   | 9 400*                  | 70.0             | 80.4                   | 5 500*                  | 40.0                    |
|                      |                      | 44.0                    | 62.4            | 80.1                   | 9 100                   | 64.7             | 79.6                   | 8 700*                  | 67.0             | 78.3                   | 5 200*                  | 44.0                    |
|                      |                      | 48.0                    | 59.4            | 77.8                   | 7 600                   | 61.7             | 77.3                   | 8 100                   | 63.9             | 76.0                   | 4 900*                  | 48.0                    |
|                      |                      | 52.0                    | 56.3            | 75.2                   | 6 300                   | 58.6             | 74.7                   | 6 800                   | 60.8             | 73.3                   | 4 700*                  | 52.0                    |
|                      |                      | 56.0                    | 53.1            | 72.3                   | 5 100                   | 55.3             | 71.7                   | 5 500                   | 57.4             | 70.3                   | 4 500*                  | 56.0                    |
|                      |                      | 60.0                    | 49.7            | 69.0                   | 4 000                   | 51.9             | 68.4                   | 4 400                   | 54.0             | 66.9                   | 4 300*                  | 60.0                    |
| 64.0                 | 46.2                 | 65.3                    | 3 100           | 48.4                   | 64.6                    | 3 400            | 50.3                   | 63.0                    | 3 800            | 64.0                   |                         |                         |
| 68.0                 | 42.4                 | 61.0                    | 2 300           | 44.6                   | 60.3                    | 2 600            | 46.4                   | 58.6                    | 2 900            | 68.0                   |                         |                         |
| 72.0                 |                      |                         |                 |                        |                         |                  | 42.1                   | 53.6                    | 2 100            | 72.0                   |                         |                         |
| <b>7<br/>0<br/>1</b> | <b>2<br/>3<br/>0</b> | 18.3                    | 80.5            | 92.4                   | 11 800*                 |                  |                        |                         |                  |                        |                         | 18.3                    |
|                      |                      | 20.0                    | 79.4            | 92.1                   | 11 600*                 |                  |                        |                         |                  |                        |                         | 20.0                    |
|                      |                      | 22.0                    | 78.1            | 91.6                   | 11 300*                 | 80.4             | 91.2                   | 11 000*                 |                  |                        |                         | 22.0                    |
|                      |                      | 24.0                    | 76.8            | 91.2                   | 11 100*                 | 79.2             | 90.7                   | 10 800*                 |                  |                        |                         | 24.0                    |
|                      |                      | 26.0                    | 75.5            | 90.6                   | 10 900*                 | 77.9             | 90.2                   | 10 600*                 | 80.2             | 89.0                   | 7 000*                  | 26.0                    |
|                      |                      | 28.0                    | 74.2            | 90.1                   | 10 700*                 | 76.5             | 89.6                   | 10 500*                 | 78.9             | 88.4                   | 6 700*                  | 28.0                    |
|                      |                      | 32.0                    | 71.6            | 88.8                   | 10 300*                 | 73.9             | 88.3                   | 10 200*                 | 76.2             | 87.1                   | 6 300*                  | 32.0                    |
|                      |                      | 36.0                    | 68.9            | 87.3                   | 9 900*                  | 71.2             | 86.8                   | 9 800*                  | 73.5             | 85.6                   | 5 900*                  | 36.0                    |
|                      |                      | 40.0                    | 66.2            | 85.5                   | 9 600*                  | 68.4             | 85.0                   | 9 500*                  | 70.7             | 83.8                   | 5 600*                  | 40.0                    |
|                      |                      | 44.0                    | 63.4            | 83.6                   | 8 700                   | 65.6             | 83.1                   | 8 900*                  | 67.9             | 81.8                   | 5 300*                  | 44.0                    |
|                      |                      | 48.0                    | 60.5            | 81.4                   | 7 100                   | 62.8             | 80.8                   | 7 700                   | 64.9             | 79.5                   | 5 000*                  | 48.0                    |
|                      |                      | 52.0                    | 57.6            | 78.9                   | 5 800                   | 59.8             | 78.3                   | 6 400                   | 61.9             | 77.0                   | 4 800*                  | 52.0                    |
|                      |                      | 56.0                    | 54.5            | 76.1                   | 4 700                   | 56.7             | 75.5                   | 5 200                   | 58.8             | 74.1                   | 4 600*                  | 56.0                    |
|                      |                      | 60.0                    | 51.3            | 73.0                   | 3 700                   | 53.5             | 72.4                   | 4 200                   | 55.5             | 70.9                   | 4 400                   | 60.0                    |
| 64.0                 | 48.0                 | 69.5                    | 2 800           | 50.1                   | 68.8                    | 3 200            | 52.1                   | 67.3                    | 3 500            | 64.0                   |                         |                         |
| 68.0                 | 44.5                 | 65.5                    | 2 000           | 46.6                   | 64.9                    | 2 300            | 48.4                   | 63.2                    | 2 700            | 68.0                   |                         |                         |
| <b>7<br/>3<br/>2</b> | <b>2<br/>4<br/>0</b> | 18.3                    | 80.8            | 95.5                   | 11 600*                 |                  |                        |                         |                  |                        |                         | 18.3                    |
|                      |                      | 20.0                    | 79.7            | 95.2                   | 11 500*                 |                  |                        |                         |                  |                        |                         | 20.0                    |
|                      |                      | 22.0                    | 78.5            | 94.8                   | 11 300*                 |                  |                        |                         |                  |                        |                         | 22.0                    |
|                      |                      | 24.0                    | 77.2            | 94.3                   | 11 000*                 | 79.5             | 93.8                   | 10 900*                 |                  |                        |                         | 24.0                    |
|                      |                      | 26.0                    | 76.0            | 93.8                   | 10 900*                 | 78.3             | 93.3                   | 10 700*                 | 80.6             | 92.1                   | 7 100*                  | 26.0                    |
|                      |                      | 28.0                    | 74.7            | 93.2                   | 10 600*                 | 77.0             | 92.8                   | 10 500*                 | 79.3             | 91.6                   | 6 800*                  | 28.0                    |
|                      |                      | 32.0                    | 72.2            | 92.0                   | 10 300*                 | 74.4             | 91.5                   | 10 200*                 | 76.7             | 90.3                   | 6 400*                  | 32.0                    |
|                      |                      | 36.0                    | 69.6            | 90.5                   | 9 900*                  | 71.8             | 90.0                   | 9 900*                  | 74.1             | 88.8                   | 6 000*                  | 36.0                    |
|                      |                      | 40.0                    | 67.0            | 88.9                   | 9 600                   | 69.2             | 88.4                   | 9 600*                  | 71.4             | 87.1                   | 5 700*                  | 40.0                    |
|                      |                      | 44.0                    | 64.3            | 87.0                   | 8 200                   | 66.5             | 86.5                   | 8 900                   | 68.7             | 85.2                   | 5 400*                  | 44.0                    |
|                      |                      | 48.0                    | 61.6            | 84.9                   | 6 700                   | 63.7             | 84.3                   | 7 300                   | 65.9             | 83.0                   | 5 100*                  | 48.0                    |
|                      |                      | 52.0                    | 58.7            | 82.5                   | 5 400                   | 60.9             | 82.0                   | 6 000                   | 63.0             | 80.6                   | 4 900*                  | 52.0                    |
|                      |                      | 56.0                    | 55.8            | 79.8                   | 4 300                   | 58.0             | 79.3                   | 4 900                   | 60.0             | 77.9                   | 4 600*                  | 56.0                    |
|                      |                      | 60.0                    | 52.8            | 76.9                   | 3 400                   | 54.9             | 76.3                   | 3 800                   | 56.9             | 74.9                   | 4 300                   | 60.0                    |
| 64.0                 | 49.7                 | 73.6                    | 2 500           | 51.8                   | 73.0                    | 2 900            | 53.6                   | 71.5                    | 3 300            | 64.0                   |                         |                         |
| 68.0                 |                      |                         |                 | 48.4                   | 69.2                    | 2 100            | 50.2                   | 67.6                    | 2 400            | 68.0                   |                         |                         |
| <b>7<br/>6<br/>2</b> | <b>2<br/>5<br/>0</b> | 19.8                    | 80.2            | 98.3                   | 11 300*                 |                  |                        |                         |                  |                        |                         | 19.8                    |
|                      |                      | 20.0                    | 80.1            | 98.3                   | 11 300*                 |                  |                        |                         |                  |                        |                         | 20.0                    |
|                      |                      | 22.0                    | 78.9            | 97.9                   | 11 100*                 |                  |                        |                         |                  |                        |                         | 22.0                    |
|                      |                      | 24.0                    | 77.7            | 97.4                   | 10 900*                 | 79.8             | 96.9                   | 10 900*                 |                  |                        |                         | 24.0                    |
|                      |                      | 26.0                    | 76.4            | 96.9                   | 10 700*                 | 78.6             | 96.5                   | 10 700*                 | 80.9             | 95.3                   | 7 100*                  | 26.0                    |
|                      |                      | 28.0                    | 75.2            | 96.4                   | 10 600*                 | 77.4             | 95.9                   | 10 600*                 | 79.6             | 94.7                   | 6 900*                  | 28.0                    |
|                      |                      | 32.0                    | 72.8            | 95.2                   | 10 200*                 | 74.9             | 94.7                   | 10 300*                 | 77.1             | 93.5                   | 6 500*                  | 32.0                    |
|                      |                      | 36.0                    | 70.3            | 93.8                   | 9 800*                  | 72.4             | 93.3                   | 10 000*                 | 74.6             | 92.1                   | 6 100*                  | 36.0                    |
|                      |                      | 40.0                    | 67.8            | 92.2                   | 9 500                   | 69.9             | 91.7                   | 9 700*                  | 72.0             | 90.5                   | 5 800*                  | 40.0                    |
|                      |                      | 44.0                    | 65.2            | 90.4                   | 8 200                   | 67.3             | 89.9                   | 8 900                   | 69.4             | 88.6                   | 5 500*                  | 44.0                    |
|                      |                      | 48.0                    | 62.5            | 88.4                   | 6 700                   | 64.6             | 87.8                   | 7 300                   | 66.7             | 86.5                   | 5 200*                  | 48.0                    |
|                      |                      | 52.0                    | 59.8            | 86.1                   | 5 400                   | 61.9             | 85.5                   | 6 000                   | 63.9             | 84.2                   | 5 000*                  | 52.0                    |
|                      |                      | 56.0                    | 57.0            | 83.5                   | 4 300                   | 59.1             | 83.0                   | 4 800                   | 61.1             | 81.6                   | 4 700*                  | 56.0                    |
|                      |                      | 60.0                    | 54.2            | 80.7                   | 3 400                   | 56.2             | 80.1                   | 3 800                   | 58.1             | 78.7                   | 4 300                   | 60.0                    |
| 64.0                 | 51.2                 | 77.6                    | 2 500           | 53.2                   | 77.0                    | 2 900            | 55.1                   | 75.5                    | 3 300            | 64.0                   |                         |                         |
| 68.0                 |                      |                         |                 | 50.1                   | 73.4                    | 2 100            | 51.9                   | 71.9                    | 2 500            | 68.0                   |                         |                         |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

JIB NO. 134 WITH 3 810 mm STRUT ON

BOOM NO. 22EL

81 240 kg CRANE COUNTERWEIGHT

19 960 kg CARBODY COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

360 DEGREE RATING

### 24.4m (80 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| <b>27.4</b>       | <b>90</b>       | 12.2                    | 79.5            | 53.2                   | 9 300*                  |                  |                        |                         |                  |                        |                         | 12.2                    |
|                   |                 | 14.0                    | 77.5            | 52.8                   | 9 200*                  |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 75.2            | 52.3                   | 9 100*                  | 80.0             | 52.0                   | 8 900*                  |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 72.9            | 51.7                   | 9 000*                  | 77.7             | 51.4                   | 8 800*                  |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 70.5            | 51.0                   | 8 700*                  | 75.3             | 50.7                   | 8 600*                  | 80.3             | 49.8                   | 6 400*                  | 20.0                    |
|                   |                 | 22.0                    | 68.1            | 50.2                   | 8 400*                  | 72.9             | 49.9                   | 8 300*                  | 77.9             | 49.0                   | 6 000*                  | 22.0                    |
|                   |                 | 24.0                    | 65.7            | 49.3                   | 8 200*                  | 70.5             | 49.0                   | 8 000*                  | 75.4             | 48.0                   | 5 600*                  | 24.0                    |
|                   |                 | 26.0                    | 63.3            | 48.3                   | 7 900*                  | 68.0             | 47.9                   | 7 800*                  | 72.8             | 47.0                   | 5 300*                  | 26.0                    |
|                   |                 | 28.0                    | 60.7            | 47.2                   | 7 700*                  | 65.4             | 46.8                   | 7 500*                  | 70.2             | 45.9                   | 5 000*                  | 28.0                    |
|                   |                 | 32.0                    | 55.4            | 44.6                   | 7 300*                  | 60.1             | 44.2                   | 7 100*                  | 64.8             | 43.2                   | 4 500*                  | 32.0                    |
|                   |                 | 36.0                    | 49.8            | 41.4                   | 7 000*                  | 54.4             | 41.0                   | 6 600*                  | 58.9             | 39.9                   | 4 100*                  | 36.0                    |
|                   |                 | 40.0                    | 43.6            | 37.5                   | 6 700*                  | 48.1             | 37.0                   | 6 000*                  | 52.4             | 35.8                   | 3 800*                  | 40.0                    |
| 44.0              | 36.6            | 32.6                    | 6 300*          | 41.0                   | 32.0                    | 5 500*           | 45.0                   | 30.6                    | 3 500*           | 44.0                   |                         |                         |
| 48.0              | 28.0            | 26.0                    | 6 000*          | 32.3                   | 25.3                    | 5 100*           |                        |                         |                  | 48.0                   |                         |                         |
| <b>30.5</b>       | <b>100</b>      | 12.2                    | 80.1            | 56.3                   | 9 300*                  |                  |                        |                         |                  |                        |                         | 12.2                    |
|                   |                 | 14.0                    | 78.2            | 56.0                   | 9 200*                  |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 76.0            | 55.5                   | 9 100*                  |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 73.9            | 54.9                   | 9 000*                  | 78.4             | 54.6                   | 8 800*                  |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 71.7            | 54.2                   | 8 800*                  | 76.2             | 53.9                   | 8 700*                  |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 69.4            | 53.5                   | 8 500*                  | 73.9             | 53.1                   | 8 400*                  | 78.6             | 52.2                   | 6 200*                  | 22.0                    |
|                   |                 | 24.0                    | 67.2            | 52.6                   | 8 300*                  | 71.6             | 52.3                   | 8 200*                  | 76.3             | 51.4                   | 5 800*                  | 24.0                    |
|                   |                 | 26.0                    | 64.9            | 51.7                   | 8 100*                  | 69.3             | 51.4                   | 7 900*                  | 73.9             | 50.4                   | 5 500*                  | 26.0                    |
|                   |                 | 28.0                    | 62.5            | 50.7                   | 7 800*                  | 66.9             | 50.3                   | 7 700*                  | 71.5             | 49.3                   | 5 200*                  | 28.0                    |
|                   |                 | 32.0                    | 57.6            | 48.3                   | 7 400*                  | 62.0             | 47.9                   | 7 200*                  | 66.5             | 46.9                   | 4 700*                  | 32.0                    |
|                   |                 | 36.0                    | 52.5            | 45.4                   | 7 100*                  | 56.8             | 45.0                   | 6 900*                  | 61.1             | 43.9                   | 4 300*                  | 36.0                    |
|                   |                 | 40.0                    | 46.9            | 41.9                   | 6 800*                  | 51.2             | 41.4                   | 6 200*                  | 55.3             | 40.2                   | 3 900*                  | 40.0                    |
| 44.0              | 40.8            | 37.5                    | 6 500*          | 45.0                   | 37.0                    | 5 700*           | 48.9                   | 35.7                    | 3 600*           | 44.0                   |                         |                         |
| 48.0              | 33.7            | 32.1                    | 6 200*          | 37.8                   | 31.5                    | 5 300*           | 41.3                   | 29.8                    | 3 400*           | 48.0                   |                         |                         |
| 52.0              | 24.9            | 24.6                    | 5 900*          |                        |                         |                  |                        |                         |                  | 52.0                   |                         |                         |
| <b>33.5</b>       | <b>110</b>      | 12.2                    | 80.6            | 59.4                   | 9 300*                  |                  |                        |                         |                  |                        |                         | 12.2                    |
|                   |                 | 14.0                    | 78.8            | 59.1                   | 9 200*                  |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 76.8            | 58.6                   | 9 100*                  |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 74.7            | 58.1                   | 9 100*                  | 79.0             | 57.7                   | 8 900*                  |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 72.7            | 57.5                   | 8 900*                  | 76.9             | 57.1                   | 8 800*                  |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 70.6            | 56.8                   | 8 600*                  | 74.8             | 56.4                   | 8 500*                  | 79.2             | 55.4                   | 6 300*                  | 22.0                    |
|                   |                 | 24.0                    | 68.4            | 56.0                   | 8 300*                  | 72.7             | 55.6                   | 8 300*                  | 77.1             | 54.6                   | 5 900*                  | 24.0                    |
|                   |                 | 26.0                    | 66.3            | 55.1                   | 8 100*                  | 70.5             | 54.7                   | 8 100*                  | 74.9             | 53.7                   | 5 600*                  | 26.0                    |
|                   |                 | 28.0                    | 64.1            | 54.1                   | 7 900*                  | 68.3             | 53.7                   | 7 800*                  | 72.6             | 52.7                   | 5 300*                  | 28.0                    |
|                   |                 | 32.0                    | 59.5            | 51.9                   | 7 500*                  | 63.7             | 51.5                   | 7 400*                  | 67.9             | 50.4                   | 4 800*                  | 32.0                    |
|                   |                 | 36.0                    | 54.8            | 49.2                   | 7 100*                  | 58.9             | 48.8                   | 7 000*                  | 63.0             | 47.7                   | 4 400*                  | 36.0                    |
|                   |                 | 40.0                    | 49.7            | 46.0                   | 6 900*                  | 53.8             | 45.6                   | 6 500*                  | 57.8             | 44.4                   | 4 000*                  | 40.0                    |
| 44.0              | 44.2            | 42.1                    | 6 600*          | 48.2                   | 41.7                    | 6 000*           | 52.0                   | 40.3                    | 3 800*           | 44.0                   |                         |                         |
| 48.0              | 38.1            | 37.4                    | 6 300*          | 42.0                   | 36.8                    | 5 500*           | 45.5                   | 35.3                    | 3 500*           | 48.0                   |                         |                         |
| 52.0              | 30.9            | 31.4                    | 6 100*          | 34.7                   | 30.7                    | 5 100*           |                        |                         |                  | 52.0                   |                         |                         |
| 56.0              | 21.6            | 22.9                    | 5 800*          |                        |                         |                  |                        |                         |                  | 56.0                   |                         |                         |
| <b>36.6</b>       | <b>120</b>      | 13.7                    | 79.7            | 62.3                   | 9 300*                  |                  |                        |                         |                  |                        |                         | 13.7                    |
|                   |                 | 14.0                    | 79.4            | 62.2                   | 9 300*                  |                  |                        |                         |                  |                        |                         | 14.0                    |
|                   |                 | 16.0                    | 77.5            | 61.8                   | 9 200*                  |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 75.5            | 61.2                   | 9 100*                  | 79.6             | 60.9                   | 8 900*                  |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 73.6            | 60.7                   | 9 000*                  | 77.6             | 60.3                   | 8 800*                  |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 71.6            | 60.0                   | 8 700*                  | 75.6             | 59.6                   | 8 600*                  | 79.8             | 58.6                   | 6 400*                  | 22.0                    |
|                   |                 | 24.0                    | 69.6            | 59.2                   | 8 400*                  | 73.6             | 58.9                   | 8 400*                  | 77.8             | 57.9                   | 6 100*                  | 24.0                    |
|                   |                 | 26.0                    | 67.5            | 58.4                   | 8 200*                  | 71.6             | 58.0                   | 8 200*                  | 75.7             | 57.0                   | 5 700*                  | 26.0                    |
|                   |                 | 28.0                    | 65.5            | 57.5                   | 8 000*                  | 69.5             | 57.1                   | 8 000*                  | 73.6             | 56.1                   | 5 400*                  | 28.0                    |
|                   |                 | 32.0                    | 61.2            | 55.4                   | 7 600*                  | 65.2             | 55.0                   | 7 600*                  | 69.2             | 54.0                   | 4 900*                  | 32.0                    |
|                   |                 | 36.0                    | 56.8            | 52.9                   | 7 200*                  | 60.7             | 52.5                   | 7 100*                  | 64.7             | 51.4                   | 4 500*                  | 36.0                    |
|                   |                 | 40.0                    | 52.1            | 50.0                   | 6 900*                  | 56.0             | 49.5                   | 6 800*                  | 59.8             | 48.3                   | 4 200*                  | 40.0                    |
| 44.0              | 47.1            | 46.5                    | 6 600*          | 51.0                   | 46.0                    | 6 200*           | 54.6                   | 44.7                    | 3 900*           | 44.0                   |                         |                         |
| 48.0              | 41.7            | 42.3                    | 6 400*          | 45.4                   | 41.7                    | 5 800*           | 48.9                   | 40.3                    | 3 600*           | 48.0                   |                         |                         |
| 52.0              | 35.5            | 37.1                    | 6 200*          | 39.2                   | 36.5                    | 5 400*           | 42.4                   | 34.8                    | 3 400*           | 52.0                   |                         |                         |
| 56.0              | 28.2            | 30.4                    | 6 000*          | 31.7                   | 29.6                    | 5 000*           |                        |                         |                  | 56.0                   |                         |                         |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

EUROPEAN  
STANDARDS

888 SERIES 2

JIB NO. 134 WITH 3 810 mm STRUT ON

BOOM NO. 22EL

81 240 kg CRANE COUNTERWEIGHT

19 960 kg CARBODY COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

360 DEGREE RATING

### 24.4m (80 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                        | 15 DEGREE OFFSET |                        |                        | 25 DEGREE OFFSET |                        |                        | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|------------------------|------------------|------------------------|------------------------|------------------|------------------------|------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KILOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KILOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KILOGRAMS |                         |
| <b>39.6</b>       | <b>130</b>      | 13.7                    | 80.2            | 65.4                   | 9 300*                 |                  |                        |                        |                  |                        |                        | 13.7                    |
|                   |                 | 14.0                    | 79.9            | 65.3                   | 9 300*                 |                  |                        |                        |                  |                        |                        | 14.0                    |
|                   |                 | 16.0                    | 78.1            | 64.9                   | 9 200*                 |                  |                        |                        |                  |                        |                        | 16.0                    |
|                   |                 | 18.0                    | 76.2            | 64.4                   | 9 200*                 |                  |                        |                        |                  |                        |                        | 18.0                    |
|                   |                 | 20.0                    | 74.4            | 63.8                   | 9 000*                 |                  |                        |                        |                  |                        |                        | 20.0                    |
|                   |                 | 22.0                    | 72.5            | 63.2                   | 8 700*                 | 78.2             | 63.5                   | 8 800*                 |                  |                        |                        | 22.0                    |
|                   |                 | 24.0                    | 70.6            | 62.5                   | 8 500*                 | 76.3             | 62.8                   | 8 700*                 | 80.3             | 61.8                   | 6 500*                 | 22.0                    |
|                   |                 | 26.0                    | 68.7            | 61.7                   | 8 200*                 | 74.4             | 62.1                   | 8 500*                 | 78.4             | 61.1                   | 6 100*                 | 24.0                    |
|                   |                 | 28.0                    | 66.7            | 60.9                   | 8 000*                 | 72.5             | 61.3                   | 8 300*                 | 76.4             | 60.3                   | 5 800*                 | 26.0                    |
|                   |                 | 32.0                    | 62.7            | 58.9                   | 7 600*                 | 70.5             | 60.5                   | 8 100*                 | 74.4             | 59.4                   | 5 500*                 | 28.0                    |
|                   |                 | 36.0                    | 58.6            | 56.6                   | 7 300*                 | 66.5             | 58.5                   | 7 700*                 | 70.3             | 57.4                   | 5 100*                 | 32.0                    |
|                   |                 | 40.0                    | 54.2            | 53.8                   | 7 000*                 | 62.3             | 56.2                   | 7 300*                 | 66.1             | 55.0                   | 4 700*                 | 36.0                    |
|                   |                 | 44.0                    | 49.6            | 50.6                   | 6 700*                 | 58.0             | 53.4                   | 7 000*                 | 61.6             | 52.2                   | 4 300*                 | 40.0                    |
|                   |                 | 48.0                    | 44.7            | 46.8                   | 6 400*                 | 53.3             | 50.1                   | 6 500*                 | 56.8             | 48.8                   | 4 000*                 | 44.0                    |
|                   |                 | 52.0                    | 39.2            | 42.2                   | 6 200*                 | 48.3             | 46.3                   | 6 000*                 | 51.7             | 44.9                   | 3 800*                 | 48.0                    |
|                   |                 | 56.0                    | 33.0            | 36.5                   | 6 100*                 | 42.8             | 41.6                   | 5 600*                 | 46.0             | 40.0                   | 3 500*                 | 52.0                    |
| 60.0              | 25.5            | 29.1                    | 5 900*          | 36.5                   | 35.9                   | 5 200*           |                        |                        |                  | 56.0                   |                        |                         |
|                   |                 |                         |                 |                        |                        |                  |                        |                        |                  |                        | 60.0                   |                         |
| <b>42.7</b>       | <b>140</b>      | 13.7                    | 80.6            | 68.5                   | 9 300*                 |                  |                        |                        |                  |                        |                        | 13.7                    |
|                   |                 | 14.0                    | 80.4            | 68.4                   | 9 300*                 |                  |                        |                        |                  |                        |                        | 14.0                    |
|                   |                 | 16.0                    | 78.6            | 68.0                   | 9 300*                 |                  |                        |                        |                  |                        |                        | 16.0                    |
|                   |                 | 18.0                    | 76.9            | 67.5                   | 9 200*                 |                  |                        |                        |                  |                        |                        | 18.0                    |
|                   |                 | 20.0                    | 75.1            | 67.0                   | 9 000*                 | 78.8             | 66.6                   | 8 900*                 |                  |                        |                        | 20.0                    |
|                   |                 | 22.0                    | 73.3            | 66.4                   | 8 800*                 | 77.0             | 66.0                   | 8 700*                 |                  |                        |                        | 22.0                    |
|                   |                 | 24.0                    | 71.5            | 65.7                   | 8 500*                 | 75.2             | 65.4                   | 8 500*                 | 79.0             | 64.3                   | 6 300*                 | 24.0                    |
|                   |                 | 26.0                    | 69.7            | 65.0                   | 8 300*                 | 73.3             | 64.6                   | 8 300*                 | 77.1             | 63.6                   | 5 900*                 | 26.0                    |
|                   |                 | 28.0                    | 67.8            | 64.2                   | 8 100*                 | 71.5             | 63.8                   | 8 200*                 | 75.2             | 62.7                   | 5 700*                 | 28.0                    |
|                   |                 | 32.0                    | 64.1            | 62.3                   | 7 700*                 | 67.7             | 61.9                   | 7 800*                 | 71.4             | 60.8                   | 5 200*                 | 32.0                    |
|                   |                 | 36.0                    | 60.2            | 60.2                   | 7 400*                 | 63.8             | 59.7                   | 7 400*                 | 67.4             | 58.6                   | 4 800*                 | 36.0                    |
|                   |                 | 40.0                    | 56.1            | 57.6                   | 7 000*                 | 59.7             | 57.1                   | 7 100*                 | 63.2             | 55.9                   | 4 400*                 | 40.0                    |
|                   |                 | 44.0                    | 51.8            | 54.6                   | 6 700*                 | 55.4             | 54.1                   | 6 700*                 | 58.8             | 52.8                   | 4 100*                 | 44.0                    |
|                   |                 | 48.0                    | 47.3            | 51.1                   | 6 500*                 | 50.8             | 50.6                   | 6 200*                 | 54.0             | 49.2                   | 3 900*                 | 48.0                    |
|                   |                 | 52.0                    | 42.4            | 46.9                   | 6 300*                 | 45.8             | 46.4                   | 5 800*                 | 48.9             | 44.9                   | 3 600*                 | 52.0                    |
|                   |                 | 56.0                    | 36.9            | 42.0                   | 6 100*                 | 40.3             | 41.3                   | 5 400*                 | 43.2             | 39.6                   | 3 400*                 | 56.0                    |
| 60.0              | 30.6            | 35.8                    | 6 000           | 33.9                   | 35.1                   | 5 100*           |                        |                        |                  | 60.0                   |                        |                         |
| 64.0              | 22.8            | 27.6                    | 5 200           |                        |                        |                  |                        |                        |                  | 64.0                   |                        |                         |
| <b>45.7</b>       | <b>150</b>      | 13.7                    | 81.0            | 71.6                   | 9 300*                 |                  |                        |                        |                  |                        |                        | 13.7                    |
|                   |                 | 14.0                    | 80.8            | 71.5                   | 9 300*                 |                  |                        |                        |                  |                        |                        | 14.0                    |
|                   |                 | 16.0                    | 79.1            | 71.1                   | 9 300*                 |                  |                        |                        |                  |                        |                        | 16.0                    |
|                   |                 | 18.0                    | 77.4            | 70.7                   | 9 200*                 |                  |                        |                        |                  |                        |                        | 18.0                    |
|                   |                 | 20.0                    | 75.8            | 70.2                   | 9 000*                 | 79.3             | 69.8                   | 8 900*                 |                  |                        |                        | 20.0                    |
|                   |                 | 22.0                    | 74.1            | 69.6                   | 8 800*                 | 77.6             | 69.2                   | 8 700*                 |                  |                        |                        | 22.0                    |
|                   |                 | 24.0                    | 72.3            | 69.0                   | 8 600*                 | 75.8             | 68.6                   | 8 600*                 | 79.5             | 67.5                   | 6 400*                 | 24.0                    |
|                   |                 | 26.0                    | 70.6            | 68.3                   | 8 300*                 | 74.1             | 67.9                   | 8 400*                 | 77.7             | 66.8                   | 6 100*                 | 26.0                    |
|                   |                 | 28.0                    | 68.9            | 67.5                   | 8 100*                 | 72.3             | 67.1                   | 8 200*                 | 75.9             | 66.0                   | 5 800*                 | 28.0                    |
|                   |                 | 32.0                    | 65.3            | 65.7                   | 7 700*                 | 68.8             | 65.3                   | 7 900*                 | 72.3             | 64.2                   | 5 300*                 | 32.0                    |
|                   |                 | 36.0                    | 61.6            | 63.7                   | 7 300*                 | 65.0             | 63.2                   | 7 500*                 | 68.5             | 62.1                   | 4 900*                 | 36.0                    |
|                   |                 | 40.0                    | 57.8            | 61.3                   | 7 100*                 | 61.2             | 60.8                   | 7 200*                 | 64.6             | 59.6                   | 4 500*                 | 40.0                    |
|                   |                 | 44.0                    | 53.8            | 58.5                   | 6 800*                 | 57.2             | 58.0                   | 6 900*                 | 60.5             | 56.7                   | 4 200*                 | 44.0                    |
|                   |                 | 48.0                    | 49.6            | 55.2                   | 6 500*                 | 52.9             | 54.7                   | 6 400*                 | 56.1             | 53.3                   | 3 900*                 | 48.0                    |
|                   |                 | 52.0                    | 45.1            | 51.4                   | 6 300*                 | 48.4             | 50.9                   | 6 000*                 | 51.4             | 49.4                   | 3 800*                 | 52.0                    |
|                   |                 | 56.0                    | 40.2            | 46.9                   | 6 100*                 | 43.4             | 46.3                   | 5 600*                 | 46.3             | 44.7                   | 3 500*                 | 56.0                    |
| 60.0              | 34.7            | 41.6                    | 5 900           | 37.8                   | 40.9                   | 5 300*           |                        |                        |                  | 60.0                   |                        |                         |
| 64.0              | 28.3            | 34.8                    | 4 900           | 31.3                   | 34.0                   | 5 000*           |                        |                        |                  | 64.0                   |                        |                         |
| 68.0              | 20.0            | 25.6                    | 4 200           |                        |                        |                  |                        |                        |                  | 68.0                   |                        |                         |

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JIB NO. 134 WITH 3 810 mm STRUT ON  
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81 240 kg CRANE COUNTERWEIGHT  
19 960 kg CARBODY COUNTERWEIGHT  
8 585 mm CRAWLERS EXTENDED  
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### 24.4m (80 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| <b>48-8</b>       | <b>160</b>      | 15.2                    | 80.2            | 74.4                   | 9 300*                  |                  |                        |                         |                  |                        |                         | 15.2                    |
|                   |                 | 16.0                    | 79.6            | 74.2                   | 9 300*                  |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 78.0            | 73.8                   | 9 200*                  |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 76.4            | 73.3                   | 9 000*                  | 79.7             | 72.9                   | 8 900*                  |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 74.7            | 72.8                   | 8 800*                  | 78.1             | 72.4                   | 8 700*                  |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 73.1            | 72.2                   | 8 600*                  | 76.5             | 71.8                   | 8 600*                  | 80.0             | 70.7                   | 6 400*                  | 24.0                    |
|                   |                 | 26.0                    | 71.5            | 71.5                   | 8 400*                  | 74.8             | 71.1                   | 8 400*                  | 78.3             | 70.0                   | 6 200*                  | 26.0                    |
|                   |                 | 28.0                    | 69.8            | 70.8                   | 8 100*                  | 73.1             | 70.4                   | 8 200*                  | 76.6             | 69.3                   | 5 900*                  | 28.0                    |
|                   |                 | 32.0                    | 66.4            | 69.1                   | 7 800*                  | 69.7             | 68.7                   | 7 900*                  | 73.1             | 67.5                   | 5 400*                  | 32.0                    |
|                   |                 | 36.0                    | 62.9            | 67.1                   | 7 400*                  | 66.2             | 66.7                   | 7 600*                  | 69.5             | 65.5                   | 5 000*                  | 36.0                    |
|                   |                 | 40.0                    | 59.3            | 64.9                   | 7 100*                  | 62.6             | 64.4                   | 7 300*                  | 65.8             | 63.2                   | 4 600*                  | 40.0                    |
|                   |                 | 44.0                    | 55.5            | 62.2                   | 6 800*                  | 58.8             | 61.8                   | 7 000*                  | 62.0             | 60.5                   | 4 300*                  | 44.0                    |
|                   |                 | 48.0                    | 51.6            | 59.2                   | 6 600*                  | 54.8             | 58.7                   | 6 700*                  | 57.9             | 57.4                   | 4 100*                  | 48.0                    |
|                   |                 | 52.0                    | 47.4            | 55.7                   | 6 300*                  | 50.6             | 55.2                   | 6 200*                  | 53.6             | 53.7                   | 3 800*                  | 52.0                    |
|                   |                 | 56.0                    | 43.0            | 51.6                   | 6 100*                  | 46.1             | 51.0                   | 5 800*                  | 48.9             | 49.5                   | 3 600*                  | 56.0                    |
|                   |                 | 60.0                    | 38.1            | 46.8                   | 5 700                   | 41.1             | 46.2                   | 5 500*                  | 43.8             | 44.4                   | 3 500*                  | 60.0                    |
| 64.0              | 32.5            | 41.0                    | 4 800           | 35.5                   | 40.3                    | 5 000            |                        |                         |                  | 64.0                   |                         |                         |
| 68.0              | 26.0            | 33.6                    | 4 000           |                        |                         |                  |                        |                         |                  | 68.0                   |                         |                         |
| <b>51-8</b>       | <b>170</b>      | 15.2                    | 80.6            | 77.5                   | 9 300*                  |                  |                        |                         |                  |                        |                         | 15.2                    |
|                   |                 | 16.0                    | 80.0            | 77.3                   | 9 300*                  |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 78.5            | 76.9                   | 9 300*                  |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 76.9            | 76.5                   | 9 100*                  | 80.2             | 76.1                   | 8 900*                  |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 75.4            | 75.9                   | 8 800*                  | 78.6             | 75.5                   | 8 700*                  |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 73.8            | 75.4                   | 8 600*                  | 77.0             | 75.0                   | 8 600*                  |                  |                        |                         | 24.0                    |
|                   |                 | 26.0                    | 72.2            | 74.7                   | 8 400*                  | 75.4             | 74.3                   | 8 400*                  | 78.8             | 73.2                   | 6 200*                  | 26.0                    |
|                   |                 | 28.0                    | 70.6            | 74.0                   | 8 200*                  | 73.8             | 73.6                   | 8 300*                  | 77.1             | 72.5                   | 6 000*                  | 28.0                    |
|                   |                 | 32.0                    | 67.4            | 72.4                   | 7 800*                  | 70.6             | 72.0                   | 8 000*                  | 73.8             | 70.9                   | 5 500*                  | 32.0                    |
|                   |                 | 36.0                    | 64.1            | 70.6                   | 7 500*                  | 67.2             | 70.1                   | 7 700*                  | 70.4             | 68.9                   | 5 100*                  | 36.0                    |
|                   |                 | 40.0                    | 60.7            | 68.4                   | 7 100*                  | 63.8             | 68.0                   | 7 400*                  | 66.9             | 66.7                   | 4 700*                  | 40.0                    |
|                   |                 | 44.0                    | 57.1            | 65.9                   | 6 900*                  | 60.2             | 65.5                   | 7 100*                  | 63.3             | 64.2                   | 4 400*                  | 44.0                    |
|                   |                 | 48.0                    | 53.4            | 63.1                   | 6 600*                  | 56.5             | 62.6                   | 6 900*                  | 59.5             | 61.2                   | 4 200*                  | 48.0                    |
|                   |                 | 52.0                    | 49.5            | 59.8                   | 6 400*                  | 52.6             | 59.3                   | 6 400*                  | 55.5             | 57.9                   | 3 900*                  | 52.0                    |
|                   |                 | 56.0                    | 45.4            | 56.0                   | 6 200*                  | 48.4             | 55.5                   | 6 000*                  | 51.2             | 54.0                   | 3 700*                  | 56.0                    |
|                   |                 | 60.0                    | 41.0            | 51.7                   | 5 400                   | 43.9             | 51.1                   | 5 600                   | 46.5             | 49.4                   | 3 600*                  | 60.0                    |
| 64.0              | 36.0            | 46.5                    | 4 500           | 38.9                   | 45.8                    | 4 900            | 41.4                   | 44.0                    | 3 400*           | 64.0                   |                         |                         |
| 68.0              | 30.4            | 40.2                    | 3 800           | 33.2                   | 39.4                    | 4 000            |                        |                         |                  | 68.0                   |                         |                         |
| 72.0              | 23.7            | 32.1                    | 3 100           |                        |                         |                  |                        |                         |                  | 72.0                   |                         |                         |
| <b>54-9</b>       | <b>180</b>      | 15.2                    | 81.0            | 80.6                   | 9 300*                  |                  |                        |                         |                  |                        |                         | 15.2                    |
|                   |                 | 16.0                    | 80.4            | 80.4                   | 9 300*                  |                  |                        |                         |                  |                        |                         | 16.0                    |
|                   |                 | 18.0                    | 78.9            | 80.0                   | 9 300*                  |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 77.4            | 79.6                   | 9 100*                  | 80.6             | 79.2                   | 8 900*                  |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 75.9            | 79.1                   | 8 800*                  | 79.1             | 78.7                   | 8 700*                  |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 74.4            | 78.5                   | 8 600*                  | 77.6             | 78.1                   | 8 600*                  |                  |                        |                         | 24.0                    |
|                   |                 | 26.0                    | 72.9            | 77.9                   | 8 400*                  | 76.0             | 77.5                   | 8 400*                  | 79.2             | 76.4                   | 6 300*                  | 26.0                    |
|                   |                 | 28.0                    | 71.4            | 77.3                   | 8 200*                  | 74.5             | 76.8                   | 8 300*                  | 77.7             | 75.7                   | 6 000*                  | 28.0                    |
|                   |                 | 32.0                    | 68.3            | 75.7                   | 7 800*                  | 71.4             | 75.3                   | 8 000*                  | 74.5             | 74.1                   | 5 600*                  | 32.0                    |
|                   |                 | 36.0                    | 65.1            | 74.0                   | 7 500*                  | 68.2             | 73.5                   | 7 700*                  | 71.3             | 72.3                   | 5 200*                  | 36.0                    |
|                   |                 | 40.0                    | 61.9            | 71.9                   | 7 200*                  | 64.9             | 71.5                   | 7 500*                  | 67.9             | 70.2                   | 4 800*                  | 40.0                    |
|                   |                 | 44.0                    | 58.5            | 69.6                   | 6 900*                  | 61.5             | 69.1                   | 7 200*                  | 64.5             | 67.8                   | 4 500*                  | 44.0                    |
|                   |                 | 48.0                    | 55.1            | 66.9                   | 6 700*                  | 58.0             | 66.4                   | 6 900*                  | 60.9             | 65.0                   | 4 300*                  | 48.0                    |
|                   |                 | 52.0                    | 51.4            | 63.8                   | 6 400*                  | 54.4             | 63.3                   | 6 600*                  | 57.2             | 61.9                   | 4 000*                  | 52.0                    |
|                   |                 | 56.0                    | 47.6            | 60.3                   | 6 200                   | 50.5             | 59.7                   | 6 200*                  | 53.2             | 58.3                   | 3 800*                  | 56.0                    |
|                   |                 | 60.0                    | 43.5            | 56.3                   | 5 200                   | 46.3             | 55.7                   | 5 500                   | 48.9             | 54.1                   | 3 600*                  | 60.0                    |
| 64.0              | 39.0            | 51.6                    | 4 300           | 41.8                   | 50.9                    | 4 600            | 44.3                   | 49.2                    | 3 500*           | 64.0                   |                         |                         |
| 68.0              | 34.1            | 46.1                    | 3 500           | 36.8                   | 45.3                    | 3 700            |                        |                         |                  | 68.0                   |                         |                         |
| 72.0              | 28.4            | 39.3                    | 2 800           | 31.0                   | 38.4                    | 3 000            |                        |                         |                  | 72.0                   |                         |                         |
| 76.0              | 21.3            | 30.3                    | 2 200           |                        |                         |                  |                        |                         |                  | 76.0                   |                         |                         |

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### 24.4m (80 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| <b>57.9</b>       | <b>190</b>      | 16.8                    | 80.2            | 83.4                   | 9 300*                  |                  |                        |                         |                  |                        |                         | 16.8                    |
|                   |                 | 18.0                    | 79.3            | 83.2                   | 9 300*                  |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 77.9            | 82.7                   | 9 000*                  |                  |                        |                         |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 76.5            | 82.3                   | 8 900*                  | 79.5             | 81.8                   | 8 700*                  |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 75.0            | 81.7                   | 8 600*                  | 78.0             | 81.3                   | 8 600*                  |                  |                        |                         | 24.0                    |
|                   |                 | 26.0                    | 73.6            | 81.1                   | 8 400*                  | 76.6             | 80.7                   | 8 400*                  | 79.7             | 79.6                   | 6 400*                  | 26.0                    |
|                   |                 | 28.0                    | 72.1            | 80.5                   | 8 200*                  | 75.1             | 80.1                   | 8 300*                  | 78.2             | 78.9                   | 6 100*                  | 28.0                    |
|                   |                 | 32.0                    | 69.2            | 79.0                   | 7 900*                  | 72.1             | 78.6                   | 8 000*                  | 75.1             | 77.4                   | 5 700*                  | 32.0                    |
|                   |                 | 36.0                    | 66.1            | 77.3                   | 7 500*                  | 69.1             | 76.9                   | 7 700*                  | 72.0             | 75.7                   | 5 300*                  | 36.0                    |
|                   |                 | 40.0                    | 63.0            | 75.4                   | 7 200*                  | 66.0             | 74.9                   | 7 500*                  | 68.9             | 73.7                   | 4 900*                  | 40.0                    |
|                   |                 | 44.0                    | 59.8            | 73.1                   | 6 900*                  | 62.7             | 72.7                   | 7 300*                  | 65.6             | 71.4                   | 4 600*                  | 44.0                    |
|                   |                 | 48.0                    | 56.5            | 70.6                   | 6 700*                  | 59.4             | 70.1                   | 7 000*                  | 62.2             | 68.8                   | 4 400*                  | 48.0                    |
|                   |                 | 52.0                    | 53.1            | 67.7                   | 6 400*                  | 56.0             | 67.2                   | 6 800*                  | 58.7             | 65.8                   | 4 100*                  | 52.0                    |
|                   |                 | 56.0                    | 49.5            | 64.4                   | 5 900                   | 52.3             | 63.9                   | 6 300                   | 55.0             | 62.4                   | 3 900*                  | 56.0                    |
|                   |                 | 60.0                    | 45.7            | 60.7                   | 4 800                   | 48.5             | 60.1                   | 5 300                   | 51.0             | 58.5                   | 3 700*                  | 60.0                    |
|                   |                 | 64.0                    | 41.6            | 56.4                   | 3 900                   | 44.3             | 55.7                   | 4 300                   | 46.8             | 54.1                   | 3 600*                  | 64.0                    |
| 68.0              | 37.1            | 51.4                    | 3 200           | 39.8                   | 50.7                    | 3 500            | 42.1                   | 48.8                    | 3 400*           | 68.0                   |                         |                         |
| 72.0              | 32.2            | 45.4                    | 2 500           | 34.8                   | 44.7                    | 2 700            |                        |                         |                  | 72.0                   |                         |                         |
| 76.0              | 26.3            | 38.1                    | 1 900           | 28.8                   | 37.1                    | 2 100            |                        |                         |                  | 76.0                   |                         |                         |
| <b>61.0</b>       | <b>200</b>      | 16.8                    | 80.5            | 86.5                   | 9 300*                  |                  |                        |                         |                  |                        |                         | 16.8                    |
|                   |                 | 18.0                    | 79.7            | 86.3                   | 9 200*                  |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 78.3            | 85.9                   | 9 100*                  |                  |                        |                         |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 77.0            | 85.4                   | 8 900*                  | 79.9             | 85.0                   | 8 700*                  |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 75.6            | 84.9                   | 8 600*                  | 78.5             | 84.5                   | 8 500*                  |                  |                        |                         | 24.0                    |
|                   |                 | 26.0                    | 74.2            | 84.3                   | 8 500*                  | 77.1             | 83.9                   | 8 400*                  | 80.0             | 82.7                   | 6 500*                  | 26.0                    |
|                   |                 | 28.0                    | 72.8            | 83.7                   | 8 200*                  | 75.7             | 83.3                   | 8 300*                  | 78.6             | 82.1                   | 6 200*                  | 28.0                    |
|                   |                 | 32.0                    | 69.9            | 82.3                   | 7 900*                  | 72.8             | 81.9                   | 8 000*                  | 75.7             | 80.7                   | 5 800*                  | 32.0                    |
|                   |                 | 36.0                    | 67.0            | 80.7                   | 7 600*                  | 69.9             | 80.2                   | 7 700*                  | 72.7             | 79.0                   | 5 400*                  | 36.0                    |
|                   |                 | 40.0                    | 64.1            | 78.8                   | 7 300*                  | 66.9             | 78.3                   | 7 500*                  | 69.7             | 77.1                   | 5 000*                  | 40.0                    |
|                   |                 | 44.0                    | 61.0            | 76.7                   | 7 000*                  | 63.8             | 76.2                   | 7 300*                  | 66.6             | 74.9                   | 4 700*                  | 44.0                    |
|                   |                 | 48.0                    | 57.9            | 74.2                   | 6 700*                  | 60.7             | 73.7                   | 7 100*                  | 63.4             | 72.4                   | 4 400*                  | 48.0                    |
|                   |                 | 52.0                    | 54.6            | 71.5                   | 6 500*                  | 57.4             | 71.0                   | 6 900*                  | 60.0             | 69.6                   | 4 200*                  | 52.0                    |
|                   |                 | 56.0                    | 51.2            | 68.4                   | 5 600                   | 54.0             | 67.9                   | 6 100                   | 56.5             | 66.4                   | 4 000*                  | 56.0                    |
|                   |                 | 60.0                    | 47.7            | 64.9                   | 4 600                   | 50.4             | 64.3                   | 5 000                   | 52.9             | 62.8                   | 3 800*                  | 60.0                    |
|                   |                 | 64.0                    | 43.9            | 60.9                   | 3 700                   | 46.5             | 60.3                   | 4 000                   | 48.9             | 58.7                   | 3 600*                  | 64.0                    |
| 68.0              | 39.8            | 56.3                    | 2 900           | 42.4                   | 55.7                    | 3 200            | 44.7                   | 53.9                    | 3 500            | 68.0                   |                         |                         |
| 72.0              | 35.3            | 51.0                    | 2 200           | 37.9                   | 50.3                    | 2 500            |                        |                         |                  | 72.0                   |                         |                         |
| 76.0              |                 |                         |                 | 32.8                   | 43.8                    | 1 800            |                        |                         |                  | 76.0                   |                         |                         |
| <b>64.0</b>       | <b>210</b>      | 16.8                    | 80.9            | 89.6                   | 9 300*                  |                  |                        |                         |                  |                        |                         | 16.8                    |
|                   |                 | 18.0                    | 80.1            | 89.4                   | 9 200*                  |                  |                        |                         |                  |                        |                         | 18.0                    |
|                   |                 | 20.0                    | 78.8            | 89.0                   | 9 000*                  |                  |                        |                         |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 77.4            | 88.5                   | 8 800*                  | 80.2             | 88.1                   | 8 700*                  |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 76.1            | 88.0                   | 8 600*                  | 78.9             | 87.6                   | 8 500*                  |                  |                        |                         | 24.0                    |
|                   |                 | 26.0                    | 74.7            | 87.5                   | 8 400*                  | 77.5             | 87.1                   | 8 400*                  | 80.4             | 85.9                   | 6 600*                  | 26.0                    |
|                   |                 | 28.0                    | 73.4            | 86.9                   | 8 200*                  | 76.2             | 86.5                   | 8 300*                  | 79.0             | 85.3                   | 6 300*                  | 28.0                    |
|                   |                 | 32.0                    | 70.7            | 85.5                   | 7 900*                  | 73.4             | 85.1                   | 8 000*                  | 76.2             | 83.9                   | 5 800*                  | 32.0                    |
|                   |                 | 36.0                    | 67.9            | 84.0                   | 7 600*                  | 70.6             | 83.5                   | 7 700*                  | 73.4             | 82.3                   | 5 400*                  | 36.0                    |
|                   |                 | 40.0                    | 65.0            | 82.2                   | 7 300*                  | 67.8             | 81.7                   | 7 500*                  | 70.5             | 80.5                   | 5 100*                  | 40.0                    |
|                   |                 | 44.0                    | 62.1            | 80.1                   | 7 000*                  | 64.8             | 79.7                   | 7 300*                  | 67.5             | 78.4                   | 4 800*                  | 44.0                    |
|                   |                 | 48.0                    | 59.1            | 77.8                   | 6 700*                  | 61.8             | 77.3                   | 7 100*                  | 64.5             | 76.0                   | 4 500*                  | 48.0                    |
|                   |                 | 52.0                    | 56.0            | 75.2                   | 6 500                   | 58.7             | 74.7                   | 6 900                   | 61.3             | 73.4                   | 4 300*                  | 52.0                    |
|                   |                 | 56.0                    | 52.8            | 72.3                   | 5 400                   | 55.5             | 71.8                   | 5 900                   | 58.0             | 70.3                   | 4 100*                  | 56.0                    |
|                   |                 | 60.0                    | 49.5            | 69.0                   | 4 400                   | 52.1             | 68.4                   | 4 800                   | 54.5             | 66.9                   | 3 900*                  | 60.0                    |
|                   |                 | 64.0                    | 45.9            | 65.3                   | 3 400                   | 48.5             | 64.7                   | 3 900                   | 50.9             | 63.1                   | 3 700*                  | 64.0                    |
| 68.0              | 42.1            | 61.1                    | 2 700           | 44.7                   | 60.4                    | 3 000            | 46.9                   | 58.7                    | 3 400            | 68.0                   |                         |                         |
| 72.0              | 38.1            | 56.2                    | 2 000           | 40.6                   | 55.5                    | 2 200            | 42.7                   | 53.6                    | 2 500            | 72.0                   |                         |                         |

# MANITOWOC ENGINEERING CO.

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



## LIFTCRANE JIB CAPACITIES

EUROPEAN  
STANDARDS

## 888 SERIES 2

JIB NO. 134 WITH 3 810 mm STRUT ON

BOOM NO. 22EL

81 240 kg CRANE COUNTERWEIGHT

19 960 kg CARBODY COUNTERWEIGHT

8 585 mm CRAWLERS EXTENDED

360 DEGREE RATING

### 24.4m (80 FT.) JIB

| BOOM LGTH. METERS | BOOM LGTH. FEET | JIB OPER. RADIUS METERS | 5 DEGREE OFFSET |                        |                         | 15 DEGREE OFFSET |                        |                         | 25 DEGREE OFFSET |                        |                         | JIB OPER. RADIUS METERS |
|-------------------|-----------------|-------------------------|-----------------|------------------------|-------------------------|------------------|------------------------|-------------------------|------------------|------------------------|-------------------------|-------------------------|
|                   |                 |                         | BOOM ANG. DEG.  | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS | BOOM ANG. DEG.   | JIB POINT ELEV. METERS | JIB CAPACITY KI LOGRAMS |                         |
| 6<br>7<br>1       | 2<br>2<br>0     | 18.3                    | 80.2            | 92.4                   | 9 100*                  |                  |                        |                         |                  |                        |                         | 18.3                    |
|                   |                 | 20.0                    | 79.1            | 92.1                   | 9 000*                  |                  |                        |                         |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 77.9            | 91.7                   | 8 800*                  | 80.6             | 91.2                   | 8 600*                  |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 76.6            | 91.2                   | 8 600*                  | 79.3             | 90.7                   | 8 500*                  |                  |                        |                         | 24.0                    |
|                   |                 | 26.0                    | 75.3            | 90.7                   | 8 400*                  | 78.0             | 90.2                   | 8 400*                  | 80.7             | 89.0                   | 6 600*                  | 26.0                    |
|                   |                 | 28.0                    | 74.0            | 90.1                   | 8 200*                  | 76.7             | 89.6                   | 8 300*                  | 79.4             | 88.5                   | 6 400*                  | 28.0                    |
|                   |                 | 32.0                    | 71.3            | 88.8                   | 7 900*                  | 74.0             | 88.3                   | 8 000*                  | 76.7             | 87.1                   | 5 900*                  | 32.0                    |
|                   |                 | 36.0                    | 68.7            | 87.3                   | 7 600*                  | 71.3             | 86.8                   | 7 700*                  | 74.0             | 85.6                   | 5 500*                  | 36.0                    |
|                   |                 | 40.0                    | 65.9            | 85.6                   | 7 300*                  | 68.6             | 85.1                   | 7 500*                  | 71.2             | 83.8                   | 5 200*                  | 40.0                    |
|                   |                 | 44.0                    | 63.1            | 83.6                   | 7 000*                  | 65.8             | 83.1                   | 7 300*                  | 68.4             | 81.8                   | 4 900*                  | 44.0                    |
|                   |                 | 48.0                    | 60.3            | 81.4                   | 6 800*                  | 62.9             | 80.9                   | 7 100*                  | 65.4             | 79.6                   | 4 600*                  | 48.0                    |
|                   |                 | 52.0                    | 57.3            | 78.9                   | 6 300                   | 59.9             | 78.4                   | 6 900                   | 62.4             | 77.0                   | 4 400*                  | 52.0                    |
|                   |                 | 56.0                    | 54.3            | 76.1                   | 5 100                   | 56.8             | 75.6                   | 5 600                   | 59.3             | 74.2                   | 4 100*                  | 56.0                    |
|                   |                 | 60.0                    | 51.1            | 73.0                   | 4 100                   | 53.6             | 72.5                   | 4 500                   | 56.0             | 71.0                   | 4 000*                  | 60.0                    |
| 64.0              | 47.8            | 69.5                    | 3 200           | 50.3                   | 68.9                    | 3 600            | 52.6                   | 67.4                    | 3 800*           | 64.0                   |                         |                         |
| 68.0              | 44.2            | 65.6                    | 2 400           | 46.7                   | 64.9                    | 2 700            | 48.9                   | 63.3                    | 3 100            | 68.0                   |                         |                         |
| 72.0              |                 |                         |                 | 42.9                   | 60.4                    | 2 000            | 45.0                   | 58.6                    | 2 300            | 72.0                   |                         |                         |
| 7<br>0<br>1       | 2<br>3<br>0     | 18.3                    | 80.5            | 95.5                   | 9 100*                  |                  |                        |                         |                  |                        |                         | 18.3                    |
|                   |                 | 20.0                    | 79.5            | 95.2                   | 8 900*                  |                  |                        |                         |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 78.3            | 94.8                   | 8 700*                  |                  |                        |                         |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 77.0            | 94.3                   | 8 600*                  | 79.6             | 93.9                   | 8 500*                  |                  |                        |                         | 24.0                    |
|                   |                 | 26.0                    | 75.8            | 93.8                   | 8 400*                  | 78.4             | 93.4                   | 8 300*                  |                  |                        |                         | 26.0                    |
|                   |                 | 28.0                    | 74.5            | 93.3                   | 8 200*                  | 77.1             | 92.8                   | 8 300*                  | 79.8             | 91.6                   | 6 400*                  | 28.0                    |
|                   |                 | 32.0                    | 72.0            | 92.0                   | 7 900*                  | 74.5             | 91.6                   | 8 000*                  | 77.2             | 90.3                   | 6 000*                  | 32.0                    |
|                   |                 | 36.0                    | 69.4            | 90.6                   | 7 600*                  | 72.0             | 90.1                   | 7 700*                  | 74.6             | 88.9                   | 5 600*                  | 36.0                    |
|                   |                 | 40.0                    | 66.8            | 88.9                   | 7 300*                  | 69.3             | 88.4                   | 7 500*                  | 71.9             | 87.2                   | 5 300*                  | 40.0                    |
|                   |                 | 44.0                    | 64.1            | 87.0                   | 7 000*                  | 66.6             | 86.5                   | 7 300*                  | 69.1             | 85.2                   | 5 000*                  | 44.0                    |
|                   |                 | 48.0                    | 61.3            | 84.9                   | 6 800*                  | 63.9             | 84.4                   | 7 100*                  | 66.3             | 83.1                   | 4 700*                  | 48.0                    |
|                   |                 | 52.0                    | 58.5            | 82.5                   | 5 800                   | 61.0             | 82.0                   | 6 400                   | 63.5             | 80.7                   | 4 500*                  | 52.0                    |
|                   |                 | 56.0                    | 55.6            | 79.9                   | 4 700                   | 58.1             | 79.3                   | 5 300                   | 60.5             | 77.9                   | 4 200*                  | 56.0                    |
|                   |                 | 60.0                    | 52.6            | 76.9                   | 3 800                   | 55.0             | 76.4                   | 4 300                   | 57.4             | 74.9                   | 4 000*                  | 60.0                    |
| 64.0              | 49.4            | 73.6                    | 2 900           | 51.9                   | 73.0                    | 3 300            | 54.1                   | 71.5                    | 3 700            | 64.0                   |                         |                         |
| 68.0              | 46.1            | 69.9                    | 2 100           | 48.5                   | 69.3                    | 2 500            | 50.7                   | 67.7                    | 2 800            | 68.0                   |                         |                         |
| 72.0              |                 |                         |                 |                        |                         |                  | 47.1                   | 63.3                    | 2 100            | 72.0                   |                         |                         |
| 7<br>3<br>2       | 2<br>4<br>0     | 18.3                    | 80.8            | 98.6                   | 9 000*                  |                  |                        |                         |                  |                        |                         | 18.3                    |
|                   |                 | 20.0                    | 79.8            | 98.3                   | 8 800*                  |                  |                        |                         |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 78.6            | 97.9                   | 8 700*                  |                  |                        |                         |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 77.4            | 97.4                   | 8 500*                  | 80.0             | 97.0                   | 8 500*                  |                  |                        |                         | 24.0                    |
|                   |                 | 26.0                    | 76.2            | 97.0                   | 8 300*                  | 78.7             | 96.5                   | 8 300*                  |                  |                        |                         | 26.0                    |
|                   |                 | 28.0                    | 75.0            | 96.4                   | 8 200*                  | 77.5             | 96.0                   | 8 200*                  | 80.1             | 94.8                   | 6 500*                  | 28.0                    |
|                   |                 | 32.0                    | 72.5            | 95.2                   | 7 800*                  | 75.0             | 94.8                   | 8 000*                  | 77.6             | 93.5                   | 6 100*                  | 32.0                    |
|                   |                 | 36.0                    | 70.1            | 93.8                   | 7 600*                  | 72.5             | 93.4                   | 7 700*                  | 75.1             | 92.1                   | 5 700*                  | 36.0                    |
|                   |                 | 40.0                    | 67.5            | 92.2                   | 7 300*                  | 70.0             | 91.7                   | 7 500*                  | 72.5             | 90.5                   | 5 300*                  | 40.0                    |
|                   |                 | 44.0                    | 64.9            | 90.4                   | 7 000*                  | 67.4             | 89.9                   | 7 300*                  | 69.9             | 88.6                   | 5 000*                  | 44.0                    |
|                   |                 | 48.0                    | 62.3            | 88.4                   | 6 700                   | 64.8             | 87.9                   | 7 100*                  | 67.2             | 86.6                   | 4 800*                  | 48.0                    |
|                   |                 | 52.0                    | 59.6            | 86.1                   | 5 400                   | 62.0             | 85.6                   | 6 100                   | 64.4             | 84.2                   | 4 500*                  | 52.0                    |
|                   |                 | 56.0                    | 56.8            | 83.6                   | 4 300                   | 59.2             | 83.0                   | 4 900                   | 61.6             | 81.6                   | 4 300*                  | 56.0                    |
|                   |                 | 60.0                    | 53.9            | 80.7                   | 3 400                   | 56.3             | 80.2                   | 3 900                   | 58.6             | 78.8                   | 4 100*                  | 60.0                    |
| 64.0              | 51.0            | 77.6                    | 2 500           | 53.3                   | 77.0                    | 3 000            | 55.6                   | 75.5                    | 3 400            | 64.0                   |                         |                         |
| 68.0              |                 |                         |                 | 50.2                   | 73.5                    | 2 200            | 52.3                   | 71.9                    | 2 600            | 68.0                   |                         |                         |
| 7<br>6<br>2       | 2<br>5<br>0     | 19.8                    | 80.3            | 101.4                  | 8 800*                  |                  |                        |                         |                  |                        |                         | 19.8                    |
|                   |                 | 20.0                    | 80.1            | 101.4                  | 8 800*                  |                  |                        |                         |                  |                        |                         | 20.0                    |
|                   |                 | 22.0                    | 79.0            | 101.0                  | 8 600*                  |                  |                        |                         |                  |                        |                         | 22.0                    |
|                   |                 | 24.0                    | 77.8            | 100.6                  | 8 400*                  | 80.3             | 100.1                  | 8 400*                  |                  |                        |                         | 24.0                    |
|                   |                 | 26.0                    | 76.6            | 100.1                  | 8 300*                  | 79.1             | 99.6                   | 8 300*                  |                  |                        |                         | 26.0                    |
|                   |                 | 28.0                    | 75.5            | 99.6                   | 8 100*                  | 77.9             | 99.1                   | 8 100*                  | 80.4             | 97.9                   | 6 600*                  | 28.0                    |
|                   |                 | 32.0                    | 73.1            | 98.4                   | 7 800*                  | 75.5             | 98.0                   | 7 900*                  | 78.0             | 96.7                   | 6 100*                  | 32.0                    |
|                   |                 | 36.0                    | 70.7            | 97.1                   | 7 500*                  | 73.1             | 96.6                   | 7 700*                  | 75.6             | 95.4                   | 5 800*                  | 36.0                    |
|                   |                 | 40.0                    | 68.2            | 95.5                   | 7 200*                  | 70.6             | 95.0                   | 7 500*                  | 73.1             | 93.8                   | 5 400*                  | 40.0                    |
|                   |                 | 44.0                    | 65.8            | 93.8                   | 7 000*                  | 68.2             | 93.3                   | 7 300*                  | 70.5             | 92.0                   | 5 100*                  | 44.0                    |
|                   |                 | 48.0                    | 63.2            | 91.8                   | 6 600                   | 65.6             | 91.3                   | 7 100*                  | 68.0             | 90.0                   | 4 800*                  | 48.0                    |
|                   |                 | 52.0                    | 60.6            | 89.6                   | 5 400                   | 63.0             | 89.1                   | 6 000                   | 65.3             | 87.8                   | 4 600*                  | 52.0                    |
|                   |                 | 56.0                    | 58.0            | 87.2                   | 4 300                   | 60.3             | 86.7                   | 4 900                   | 62.6             | 85.3                   | 4 400*                  | 56.0                    |
|                   |                 | 60.0                    | 55.2            | 84.5                   | 3 400                   | 57.5             | 84.0                   | 3 900                   | 59.8             | 82.5                   | 4 200*                  | 60.0                    |
| 64.0              | 52.4            | 81.5                    | 2 500           | 54.7                   | 81.0                    | 3 000            | 56.8                   | 79.5                    | 3 400            | 64.0                   |                         |                         |
| 68.0              |                 |                         |                 | 51.7                   | 77.6                    | 2 200            | 53.8                   | 76.1                    | 2 600            | 68.0                   |                         |                         |

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