

# Liftcrane Boom Capacities

**Boom No. 57**  
**107 680 kg Crane Counterweight**  
**52 160 kg Carbody Counterweight**  
**360 Degree Rating**

**European Standards**

14 m/s Maximum Wind thru 54,5 m Boom  
12 m/s with 57,5 m and 60,5 m Boom  
10 m/s with 63,5 m thru 87,5 m Boom  
Conditions include jib when attached

## 15000 SERIES 4

Capacities based on structural competence are denoted by an asterisk (\*).

**LIFTING CAPACITIES:** Lifting capacities for various boom lengths and operating radii are for freely suspended loads and are calculated to comply with EN 13000, ISO 4305 and include factors based on a 4.0 degree tipping angle. Capacities based on structural competence are denoted by an asterisk (\*). Capacities indicated by (b) require 5 670 kg minimum weight.

Upper boom point capacity for liftcrane service with single part whip line is 13 380 kg or 26 760 kg with two part whip line. When boom butt mounted auxiliary drum is used, capacity with single part whip line is 9 070 kg or 18 140 kg with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

75,5 m thru 87,5 m boom lengths require only the middle two sheaves in lower boom point. All other sheaves must be removed from lower boom point.

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

**OPERATING CONDITIONS:** Machine to operate in a level position on a firm uniformly supporting surface with gantry up. Refer to boom rigging **No. A07850** or **No. 81001545**, and Wire Rope Specification chart **No. 8608-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to Operator's Manual for operating guidelines.

**WIND CONDITIONS:** Machine may be operated in winds stated in maximum wind speed table provided crane operator judgment is used to allow for wind effect on lifted load and other considerations noted on capacity chart are followed. Wind will have a considerable effect on load. Loads 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 no higher than 70 degree boom angle when wind exceeds conditions stated. Lower boom and jib to ground when wind is above 22 m/s.

**MACHINE TRAVEL:** Machine to travel on a firm, level [up to 1 percent (0.5 degrees) grade] and uniformly supporting surface. *Travel with 100 percent of rated load prohibited.* Travel restricted to 90 percent of rated capacity with speed not to exceed 0.4 m/s. Boom must be within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 8615-A**.

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

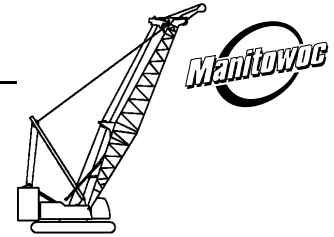
**BOOM POINT ELEVATION:** Boom point elevation is vertical distance from ground level to centerline of boom point shaft.

**MACHINE EQUIPMENT:** Machine equipped with 8 585 mm crawlers, 1 219 mm treads, 3 124 mm retractable gantry, 9 144 mm live mast, 20 part boom hoist reeving, boom support straps, 107 680 kg crane counterweight and 52 160 kg carbody counterweight.

| Maximum Wind Speeds  |              |                 |
|--|--------------|-----------------|
| Boom Lengths   | Working Wind | Lower To Ground |
| 21,5 m - 54,5 m  | 14 m/s       | 22 m/s          |
| 57,5 m - 60,5 m  | 12 m/s       | 22 m/s          |
| 63,5 m - 87,5 m  | 10 m/s       | 22 m/s          |
| Wind speed to be measured at boom point elevation. Jib included when attached. |              |                 |

**Wire Rope Guard Roller Deduct**

Deduct 180 kg from boom capacities when wire rope guard timbers are replaced with rollers.



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| Maximum Boom and Jib Length Raising  |             |                       |             |
|--|-------------|-----------------------|-------------|
| Over End of Blocked Crawlers   |             | Over Side of Crawlers |             |
| Boom Length  | Jib No. 134 | Boom Length           | Jib No. 134 |
| (a) 87,5 m   | —           | 84,5 m                | —           |
| 84,5 m   | 12,2 m      | 81,5 m                | 9,1 m       |
| 81,5 m   | 21,3 m      | 78,5 m                | 18,3 m      |
| 78,5 m   | 24,4 m      | 75,5 m                | 24,4 m      |
| Load block, hook and weight ball on ground at start. (a) Upper boom point cannot be attached on 87,5 m boom. |             |                       |             |

| Deduct From Capacities When Jib Is Attached |             |
|---|-------------|
| Jib Length                                  | Jib No. 134 |
| 9,1 m                                       | 1 360 kg    |
| 12,2 m                                      | 1 720 kg    |
| 15,2 m                                      | 2 090 kg    |
| 18,3 m                                      | 2 490 kg    |
| 21,3 m                                      | 2 950 kg    |
| 24,4 m                                      | 3 400 kg    |

Consult jib chart for jib capacities.  
Upper boom point must be removed when jib is attached.

| Oper. Rad. Meters | Boom Capacity Kilograms |
|-------------------|-------------------------|
| <b>18.5m Boom</b> |                         |
| 4.6               | 250 000* <sup>1</sup>   |

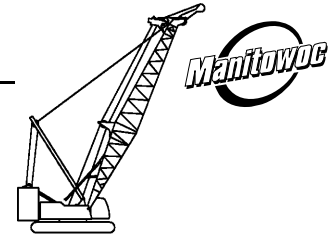
<sup>1</sup> Note: Special equipment required.

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-------------------|----------------|-------------------------|-------------------------|
| <b>21.5m Boom</b> |                |                         |                         |
| 4.9               | 82.9           | 23.7                    | 226 700 * <sup>b</sup>  |
| 5.0               | 82.5           | 23.7                    | 221 400 * <sup>b</sup>  |
| 5.5               | 81.2           | 23.6                    | 202 000 * <sup>b</sup>  |
| 6.0               | 79.8           | 23.5                    | 186 200 * <sup>b</sup>  |
| 7.0               | 77.1           | 23.3                    | 160 800 * <sup>b</sup>  |
| 8.0               | 74.3           | 23.0                    | 141 400 *               |
| 9.0               | 71.5           | 22.6                    | 126 000 *               |
| 10.0              | 68.6           | 22.2                    | 113 400 *               |
| 11.0              | 65.7           | 21.8                    | 103 100 *               |
| 12.0              | 62.7           | 21.3                    | 94 400 *                |
| 13.0              | 59.6           | 20.7                    | 87 000 *                |
| 14.0              | 56.4           | 20.0                    | 80 500 *                |
| 15.0              | 53.0           | 19.2                    | 74 900 *                |
| 16.0              | 49.5           | 18.4                    | 69 600                  |
| 18.0              | 41.8           | 16.3                    | 59 400                  |
| 20.0              | 32.6           | 13.5                    | 50 300 *                |

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-------------------|----------------|-------------------------|-------------------------|
| <b>24.5m Boom</b> |                |                         |                         |
| 5.2               | 83.0           | 26.7                    | 213 000 * <sup>b</sup>  |
| 5.5               | 82.3           | 26.7                    | 201 600 * <sup>b</sup>  |
| 6.0               | 81.1           | 26.6                    | 185 800 * <sup>b</sup>  |
| 7.0               | 78.7           | 26.4                    | 160 500 * <sup>b</sup>  |
| 8.0               | 76.3           | 26.1                    | 141 100 *               |
| 9.0               | 73.8           | 25.8                    | 125 600 *               |
| 10.0              | 71.4           | 25.5                    | 113 200 *               |
| 11.0              | 68.9           | 25.1                    | 102 800 *               |
| 12.0              | 66.3           | 24.6                    | 94 100 *                |
| 13.0              | 63.7           | 24.1                    | 86 700 *                |
| 14.0              | 61.0           | 23.6                    | 80 300 *                |
| 15.0              | 58.2           | 23.0                    | 74 700 *                |
| 16.0              | 55.4           | 22.3                    | 69 400                  |
| 18.0              | 49.4           | 20.6                    | 59 300                  |
| 20.0              | 42.7           | 18.6                    | 51 300                  |
| 22.0              | 34.9           | 15.9                    | 44 900                  |
| 24.0              | 25.1           | 12.2                    | 37 100 *                |

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-------------------|----------------|-------------------------|-------------------------|
| <b>27.5m Boom</b> |                |                         |                         |
| 5.8               | 82.5           | 29.7                    | 191 800 * <sup>b</sup>  |
| 6.0               | 82.1           | 29.6                    | 185 600 * <sup>b</sup>  |
| 7.0               | 79.9           | 29.4                    | 160 100 * <sup>b</sup>  |
| 8.0               | 77.8           | 29.2                    | 140 800 *               |
| 9.0               | 75.7           | 29.0                    | 125 400 *               |
| 10.0              | 73.5           | 28.6                    | 112 900 *               |
| 11.0              | 71.3           | 28.3                    | 102 600 *               |
| 12.0              | 69.0           | 27.9                    | 93 900 *                |
| 13.0              | 66.8           | 27.5                    | 86 400 *                |
| 14.0              | 64.5           | 27.0                    | 80 000 *                |
| 15.0              | 62.1           | 26.5                    | 74 400 *                |
| 16.0              | 59.7           | 25.9                    | 69 200                  |
| 18.0              | 54.6           | 24.5                    | 59 300                  |
| 20.0              | 49.2           | 22.9                    | 51 300                  |
| 22.0              | 43.3           | 20.9                    | 44 900                  |
| 24.0              | 36.6           | 18.3                    | 39 800                  |
| 26.0              | 28.6           | 15.0                    | 35 200 *                |

Capacities indicated by (b) require 5 670 kg minimum weight.



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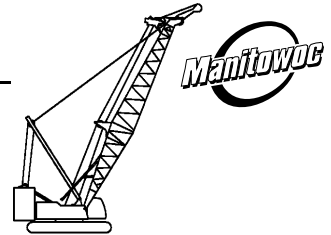
Capacities based on structural competence are denoted by an asterisk (\*).

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-------------------|----------------|-------------------------|-------------------------|
| <b>30.5m Boom</b> |                |                         |                         |
| 6.1               | 82.7           | 32.6                    | 182 700 * <sup>b</sup>  |
| 7.0               | 80.9           | 32.5                    | 160 100 * <sup>b</sup>  |
| 8.0               | 79.0           | 32.3                    | 140 800 *               |
| 9.0               | 77.1           | 32.1                    | 125 300 *               |
| 10.0              | 75.2           | 31.8                    | 112 800 *               |
| 11.0              | 73.2           | 31.5                    | 102 500 *               |
| 12.0              | 71.2           | 31.1                    | 93 800 *                |
| 13.0              | 69.2           | 30.7                    | 86 400 *                |
| 14.0              | 67.2           | 30.3                    | 80 000 *                |
| 15.0              | 65.1           | 29.9                    | 74 400 *                |
| 16.0              | 63.0           | 29.3                    | 69 300                  |
| 18.0              | 58.6           | 28.2                    | 59 400                  |
| 20.0              | 54.0           | 26.8                    | 51 300                  |
| 22.0              | 49.1           | 25.1                    | 45 000                  |
| 24.0              | 43.8           | 23.1                    | 39 900                  |
| 26.0              | 37.9           | 20.7                    | 35 700                  |
| 28.0              | 31.1           | 17.6                    | 32 100                  |
| 30.0              | 22.3           | 13.4                    | 27 700 *                |
| <b>33.5m Boom</b> |                |                         |                         |
| 6.7               | 82.3           | 35.6                    | 166 600 *               |
| 7.0               | 81.8           | 35.5                    | 160 100 *               |
| 8.0               | 80.0           | 35.4                    | 140 400 *               |
| 9.0               | 78.3           | 35.1                    | 125 000 *               |
| 10.0              | 76.5           | 34.9                    | 112 600 *               |
| 11.0              | 74.7           | 34.6                    | 102 200 *               |
| 12.0              | 73.0           | 34.3                    | 93 500 *                |
| 13.0              | 71.1           | 34.0                    | 86 100 *                |
| 14.0              | 69.3           | 33.6                    | 79 700 *                |
| 15.0              | 67.5           | 33.2                    | 74 100 *                |
| 16.0              | 65.6           | 32.7                    | 69 000                  |
| 18.0              | 61.7           | 31.7                    | 59 200                  |
| 20.0              | 57.7           | 30.4                    | 51 200                  |
| 22.0              | 53.5           | 29.0                    | 44 900                  |
| 24.0              | 49.0           | 27.3                    | 39 800                  |
| 26.0              | 44.2           | 25.4                    | 35 600                  |
| 28.0              | 39.0           | 23.0                    | 32 000                  |
| 30.0              | 33.0           | 20.1                    | 29 000                  |
| 32.0              | 25.7           | 16.4                    | 25 900                  |

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-------------------|----------------|-------------------------|-------------------------|
| <b>36.5m Boom</b> |                |                         |                         |
| 6.7               | 82.9           | 38.6                    | 166 500 *               |
| 7.0               | 82.4           | 38.6                    | 160 000 *               |
| 8.0               | 80.9           | 38.4                    | 140 300 *               |
| 9.0               | 79.3           | 38.2                    | 124 900 *               |
| 10.0              | 77.7           | 38.0                    | 112 400 *               |
| 11.0              | 76.0           | 37.7                    | 102 100 *               |
| 12.0              | 74.4           | 37.5                    | 93 400 *                |
| 13.0              | 72.8           | 37.1                    | 86 000 *                |
| 14.0              | 71.1           | 36.8                    | 79 600 *                |
| 15.0              | 69.4           | 36.4                    | 74 000 *                |
| 16.0              | 67.7           | 36.0                    | 68 900                  |
| 18.0              | 64.2           | 35.1                    | 59 200                  |
| 20.0              | 60.7           | 34.0                    | 51 100                  |
| 22.0              | 57.0           | 32.7                    | 44 800                  |
| 24.0              | 53.1           | 31.2                    | 39 700                  |
| 26.0              | 49.0           | 29.6                    | 35 500                  |
| 28.0              | 44.6           | 27.6                    | 32 000                  |
| 30.0              | 39.8           | 25.3                    | 29 000                  |
| 32.0              | 34.5           | 22.6                    | 26 400                  |
| 34.0              | 28.3           | 19.1                    | 23 900                  |
| 36.0              | 20.3           | 14.5                    | 20 600 *                |
| <b>39.5m Boom</b> |                |                         |                         |
| 7.3               | 82.6           | 41.6                    | 152 900 *               |
| 8.0               | 81.6           | 41.5                    | 140 100 *               |
| 9.0               | 80.1           | 41.3                    | 124 700 *               |
| 10.0              | 78.6           | 41.1                    | 112 300 *               |
| 11.0              | 77.1           | 40.8                    | 102 000 *               |
| 12.0              | 75.6           | 40.6                    | 93 300 *                |
| 13.0              | 74.1           | 40.3                    | 85 800 *                |
| 14.0              | 72.6           | 40.0                    | 79 400                  |
| 15.0              | 71.0           | 39.6                    | 73 500                  |
| 16.0              | 69.5           | 39.2                    | 68 300                  |
| 18.0              | 66.3           | 38.4                    | 59 100                  |
| 20.0              | 63.1           | 37.4                    | 51 000                  |
| 22.0              | 59.8           | 36.3                    | 44 800                  |
| 24.0              | 56.3           | 35.0                    | 39 600                  |
| 26.0              | 52.7           | 33.5                    | 35 400                  |
| 28.0              | 48.9           | 31.8                    | 31 900                  |
| 30.0              | 44.9           | 29.9                    | 28 900                  |
| 32.0              | 40.5           | 27.6                    | 26 300                  |
| 34.0              | 35.7           | 25.0                    | 24 000                  |
| 36.0              | 30.2           | 21.8                    | 22 000                  |
| 38.0              | 23.6           | 17.6                    | 19 600                  |

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-------------------|----------------|-------------------------|-------------------------|
| <b>42.5m Boom</b> |                |                         |                         |
| 7.9               | 82.3           | 44.5                    | 141 300 *               |
| 8.0               | 82.2           | 44.5                    | 140 100 *               |
| 9.0               | 80.8           | 44.3                    | 124 600 *               |
| 10.0              | 79.4           | 44.1                    | 112 100                 |
| 11.0              | 78.0           | 43.9                    | 101 300                 |
| 12.0              | 76.7           | 43.7                    | 92 200                  |
| 13.0              | 75.3           | 43.4                    | 84 500                  |
| 14.0              | 73.9           | 43.1                    | 77 900                  |
| 15.0              | 72.4           | 42.8                    | 72 200                  |
| 16.0              | 71.0           | 42.5                    | 67 100                  |
| 18.0              | 68.1           | 41.7                    | 58 700                  |
| 20.0              | 65.2           | 40.8                    | 50 900                  |
| 22.0              | 62.1           | 39.7                    | 44 700                  |
| 24.0              | 59.0           | 38.6                    | 39 600                  |
| 26.0              | 55.8           | 37.2                    | 35 400                  |
| 28.0              | 52.4           | 35.7                    | 31 800                  |
| 30.0              | 48.9           | 34.0                    | 28 800                  |
| 32.0              | 45.1           | 32.1                    | 26 200                  |
| 34.0              | 41.1           | 29.9                    | 23 900                  |
| 36.0              | 36.7           | 27.3                    | 21 900                  |
| 38.0              | 31.8           | 24.3                    | 20 100                  |
| 40.0              | 26.1           | 20.5                    | 18 400                  |
| 42.0              | 18.7           | 15.5                    | 15 500 *                |
| <b>45.5m Boom</b> |                |                         |                         |
| 7.9               | 82.8           | 47.5                    | 133 800 *               |
| 8.0               | 82.7           | 47.5                    | 133 200                 |
| 9.0               | 81.4           | 47.4                    | 122 700                 |
| 10.0              | 80.1           | 47.2                    | 109 500                 |
| 11.0              | 78.8           | 47.0                    | 99 000                  |
| 12.0              | 77.6           | 46.8                    | 90 200                  |
| 13.0              | 76.3           | 46.5                    | 82 700                  |
| 14.0              | 75.0           | 46.2                    | 76 300                  |
| 15.0              | 73.6           | 45.9                    | 70 700                  |
| 16.0              | 72.3           | 45.6                    | 65 800                  |
| 18.0              | 69.6           | 44.9                    | 57 600                  |
| 20.0              | 66.9           | 44.1                    | 50 800                  |
| 22.0              | 64.1           | 43.1                    | 44 400                  |
| 24.0              | 61.3           | 42.0                    | 39 300                  |
| 26.0              | 58.3           | 40.8                    | 35 100                  |
| 28.0              | 55.3           | 39.5                    | 31 600                  |
| 30.0              | 52.1           | 38.0                    | 28 500                  |
| 32.0              | 48.8           | 36.3                    | 25 900                  |
| 34.0              | 45.3           | 34.4                    | 23 700                  |
| 36.0              | 41.6           | 32.2                    | 21 700                  |
| 38.0              | 37.6           | 29.7                    | 19 900                  |
| 40.0              | 33.1           | 26.8                    | 18 300                  |
| 42.0              | 28.1           | 23.3                    | 16 800                  |
| 44.0              | 21.9           | 18.8                    | 14 700 *                |

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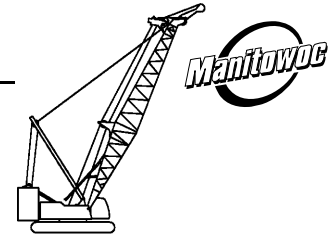
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| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-------------------|----------------|-------------------------|-------------------------|
| <b>48.5m Boom</b> |                |                         |                         |
| 8.5               | 82.5           | 50.5                    | 125 800                 |
| 9.0               | 81.9           | 50.4                    | 119 300                 |
| 10.0              | 80.7           | 50.2                    | 106 900                 |
| 11.0              | 79.5           | 50.0                    | 96 800                  |
| 12.0              | 78.3           | 49.8                    | 88 300                  |
| 13.0              | 77.1           | 49.6                    | 81 100                  |
| 14.0              | 75.9           | 49.3                    | 74 900                  |
| 15.0              | 74.7           | 49.1                    | 69 400                  |
| 16.0              | 73.4           | 48.8                    | 64 600                  |
| 18.0              | 71.0           | 48.1                    | 56 600                  |
| 20.0              | 68.4           | 47.3                    | 50 200                  |
| 22.0              | 65.8           | 46.5                    | 44 300                  |
| 24.0              | 63.2           | 45.5                    | 39 200                  |
| 26.0              | 60.5           | 44.4                    | 35 000                  |
| 28.0              | 57.7           | 43.1                    | 31 400                  |
| 30.0              | 54.9           | 41.7                    | 28 400                  |
| 32.0              | 51.9           | 40.2                    | 25 800                  |
| 34.0              | 48.8           | 38.5                    | 23 500                  |
| 36.0              | 45.5           | 36.6                    | 21 500                  |
| 38.0              | 42.0           | 34.5                    | 19 700                  |
| 40.0              | 38.3           | 32.0                    | 18 200                  |
| 42.0              | 34.2           | 29.2                    | 16 700                  |
| 44.0              | 29.7           | 25.9                    | 15 400                  |
| 46.0              | 24.3           | 21.8                    | 13 800 *                |
| <b>51.5m Boom</b> |                |                         |                         |
| 8.5               | 82.9           | 53.5                    | 118 200 *               |
| 9.0               | 82.4           | 53.4                    | 115 200                 |
| 10.0              | 81.3           | 53.3                    | 104 500                 |
| 11.0              | 80.2           | 53.1                    | 94 700                  |
| 12.0              | 79.0           | 52.9                    | 86 500                  |
| 13.0              | 77.9           | 52.7                    | 79 500                  |
| 14.0              | 76.7           | 52.5                    | 73 500                  |
| 15.0              | 75.6           | 52.2                    | 68 200                  |
| 16.0              | 74.4           | 51.9                    | 63 500                  |
| 18.0              | 72.1           | 51.3                    | 55 700                  |
| 20.0              | 69.7           | 50.6                    | 49 300                  |
| 22.0              | 67.3           | 49.7                    | 44 000                  |
| 24.0              | 64.9           | 48.8                    | 39 000                  |
| 26.0              | 62.4           | 47.8                    | 34 800                  |
| 28.0              | 59.8           | 46.7                    | 31 300                  |
| 30.0              | 57.2           | 45.4                    | 28 200                  |
| 32.0              | 54.5           | 44.0                    | 25 600                  |
| 34.0              | 51.7           | 42.5                    | 23 300                  |
| 36.0              | 48.7           | 40.7                    | 21 300                  |
| 38.0              | 45.7           | 38.8                    | 19 600                  |
| 40.0              | 42.4           | 36.7                    | 18 000                  |

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-------------------|----------------|-------------------------|-------------------------|
| <b>51.5m Boom</b> |                |                         |                         |
| 42.0              | 39.0           | 34.3                    | 16 500                  |
| 44.0              | 35.2           | 31.6                    | 15 300                  |
| 46.0              | 31.0           | 28.5                    | 14 100                  |
| 48.0              | 26.3           | 24.7                    | 12 800                  |
| 50.0              | 20.5           | 19.9                    | 11 000 *                |
| <b>54.5m Boom</b> |                |                         |                         |
| 9.1               | 82.7           | 56.5                    | 107 000 *               |
| 10.0              | 81.8           | 56.3                    | 102 600                 |
| 11.0              | 80.7           | 56.2                    | 92 700                  |
| 12.0              | 79.6           | 56.0                    | 84 700                  |
| 13.0              | 78.6           | 55.8                    | 78 000                  |
| 14.0              | 77.5           | 55.5                    | 72 000                  |
| 15.0              | 76.4           | 55.3                    | 66 900                  |
| 16.0              | 75.3           | 55.0                    | 62 300                  |
| 18.0              | 73.1           | 54.4                    | 54 700                  |
| 20.0              | 70.9           | 53.8                    | 48 500                  |
| 22.0              | 68.7           | 53.0                    | 43 400                  |
| 24.0              | 66.4           | 52.1                    | 38 900                  |
| 26.0              | 64.0           | 51.2                    | 34 700                  |
| 28.0              | 61.7           | 50.1                    | 31 100                  |
| 30.0              | 59.2           | 49.0                    | 28 100                  |
| 32.0              | 56.7           | 47.7                    | 25 500                  |
| 34.0              | 54.1           | 46.2                    | 23 200                  |
| 36.0              | 51.5           | 44.7                    | 21 200                  |
| 38.0              | 48.7           | 43.0                    | 19 400                  |
| 40.0              | 45.8           | 41.1                    | 17 900                  |
| 42.0              | 42.8           | 39.0                    | 16 400                  |
| 44.0              | 39.5           | 36.6                    | 15 100                  |
| 46.0              | 36.0           | 34.0                    | 13 900                  |
| 48.0              | 32.2           | 31.0                    | 12 900                  |
| 50.0              | 27.9           | 27.4                    | 11 800                  |
| 52.0              | 22.9           | 23.0                    | 10 300 *                |
| <b>57.5m Boom</b> |                |                         |                         |
| 9.8               | 82.5           | 59.4                    | 100 700 *               |
| 10.0              | 82.2           | 59.4                    | 98 900                  |
| 11.0              | 81.2           | 59.2                    | 90 700                  |
| 12.0              | 80.2           | 59.0                    | 83 000                  |
| 13.0              | 79.2           | 58.8                    | 76 400                  |
| 14.0              | 78.2           | 58.6                    | 70 600                  |
| 15.0              | 77.1           | 58.4                    | 65 600                  |
| 16.0              | 76.1           | 58.1                    | 61 200                  |
| 18.0              | 74.0           | 57.6                    | 53 700                  |
| 20.0              | 71.9           | 56.9                    | 47 600                  |
| 22.0              | 69.8           | 56.2                    | 42 600                  |
| 24.0              | 67.7           | 55.4                    | 38 400                  |
| 26.0              | 65.5           | 54.5                    | 34 400                  |
| 28.0              | 63.3           | 53.5                    | 30 800                  |
| 30.0              | 61.0           | 52.4                    | 27 800                  |

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-------------------|----------------|-------------------------|-------------------------|
| <b>57.5m Boom</b> |                |                         |                         |
| 32.0              | 58.7           | 51.2                    | 25 200                  |
| 34.0              | 56.3           | 49.9                    | 22 900                  |
| 36.0              | 53.8           | 48.5                    | 20 900                  |
| 38.0              | 51.3           | 46.9                    | 19 100                  |
| 40.0              | 48.7           | 45.2                    | 17 600                  |
| 42.0              | 45.9           | 43.3                    | 16 100                  |
| 44.0              | 43.1           | 41.2                    | 14 900                  |
| 46.0              | 40.0           | 38.9                    | 13 700                  |
| 48.0              | 36.8           | 36.3                    | 12 600                  |
| 50.0              | 33.2           | 33.4                    | 11 600                  |
| 52.0              | 29.3           | 30.0                    | 10 700                  |
| 54.0              | 24.8           | 26.0                    | 9 500 *                 |
| 56.0              | 19.4           | 20.9                    | 8 000 *                 |
| <b>60.5m Boom</b> |                |                         |                         |
| 9.8               | 82.8           | 62.4                    | 93 600 *                |
| 10.0              | 82.6           | 62.4                    | 93 600 *                |
| 11.0              | 81.6           | 62.2                    | 88 700                  |
| 12.0              | 80.7           | 62.1                    | 81 300                  |
| 13.0              | 79.7           | 61.9                    | 74 900                  |
| 14.0              | 78.7           | 61.7                    | 69 300                  |
| 15.0              | 77.8           | 61.5                    | 64 400                  |
| 16.0              | 76.8           | 61.2                    | 60 100                  |
| 18.0              | 74.8           | 60.7                    | 52 800                  |
| 20.0              | 72.9           | 60.1                    | 46 800                  |
| 22.0              | 70.9           | 59.4                    | 41 900                  |
| 24.0              | 68.8           | 58.7                    | 37 700                  |
| 26.0              | 66.8           | 57.8                    | 34 200                  |
| 28.0              | 64.7           | 56.9                    | 30 700                  |
| 30.0              | 62.6           | 55.9                    | 27 600                  |
| 32.0              | 60.4           | 54.7                    | 25 000                  |
| 34.0              | 58.2           | 53.5                    | 22 800                  |
| 36.0              | 55.9           | 52.2                    | 20 800                  |
| 38.0              | 53.6           | 50.7                    | 19 000                  |
| 40.0              | 51.2           | 49.2                    | 17 400                  |
| 42.0              | 48.7           | 47.5                    | 16 000                  |
| 44.0              | 46.1           | 45.6                    | 14 700                  |
| 46.0              | 43.3           | 43.5                    | 13 500                  |
| 48.0              | 40.5           | 41.2                    | 12 400                  |
| 50.0              | 37.4           | 38.7                    | 11 500                  |
| 52.0              | 34.1           | 35.8                    | 10 600                  |
| 54.0              | 30.5           | 32.6                    | 9 700                   |
| 56.0              | 26.4           | 28.8                    | 8 700 *                 |
| 58.0              | 21.7           | 24.2                    | 7 300 *                 |



# Liftcrane Boom Capacities

**Boom No. 57**  
**107 680 kg Crane Counterweight**  
**52 160 kg Carbody Counterweight**  
**360 Degree Rating**

**European Standards**  
14 m/s Maximum Wind thru 54,5 m Boom  
12 m/s with 57,5 m and 60,5 m Boom  
10 m/s with 63,5 m thru 87,5 m Boom  
Conditions include jib when attached

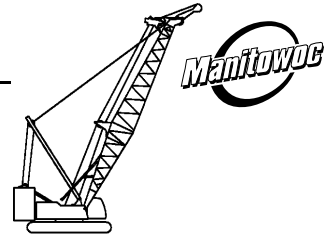
## 15000 SERIES 4

Capacities based on structural competence are denoted by an asterisk (\*).

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-------------------|----------------|-------------------------|-------------------------|
| <b>63.5m Boom</b> |                |                         |                         |
| 10.4              | 82.6           | 65.4                    | 88 100 *                |
| 11.0              | 82.0           | 65.3                    | 86 600                  |
| 12.0              | 81.1           | 65.1                    | 79 700                  |
| 13.0              | 80.2           | 64.9                    | 73 400                  |
| 14.0              | 79.3           | 64.7                    | 68 000                  |
| 15.0              | 78.4           | 64.5                    | 63 200                  |
| 16.0              | 77.4           | 64.3                    | 59 000                  |
| 18.0              | 75.6           | 63.8                    | 51 800                  |
| 20.0              | 73.7           | 63.2                    | 46 000                  |
| 22.0              | 71.8           | 62.6                    | 41 200                  |
| 24.0              | 69.9           | 61.9                    | 37 100                  |
| 26.0              | 67.9           | 61.1                    | 33 600                  |
| 28.0              | 66.0           | 60.2                    | 30 500                  |
| 30.0              | 64.0           | 59.2                    | 27 400                  |
| 32.0              | 61.9           | 58.2                    | 24 800                  |
| 34.0              | 59.9           | 57.0                    | 22 500                  |
| 36.0              | 57.7           | 55.8                    | 20 500                  |
| 38.0              | 55.6           | 54.5                    | 18 800                  |
| 40.0              | 53.3           | 53.0                    | 17 200                  |
| 42.0              | 51.0           | 51.4                    | 15 800                  |
| 44.0              | 48.6           | 49.7                    | 14 500                  |
| 46.0              | 46.2           | 47.8                    | 13 300                  |
| 48.0              | 43.6           | 45.7                    | 12 200                  |
| 50.0              | 40.9           | 43.5                    | 11 200                  |
| 52.0              | 38.0           | 41.0                    | 10 300                  |
| 54.0              | 34.9           | 38.2                    | 9 500                   |
| 56.0              | 31.5           | 35.1                    | 8 800                   |
| 58.0              | 27.8           | 31.5                    | 7 800 *                 |
| 60.0              | 23.6           | 27.2                    | 6 700 *                 |
| 62.0              | 18.4           | 21.9                    | 5 400 *                 |
| <b>66.5m Boom</b> |                |                         |                         |
| 10.4              | 83.0           | 68.4                    | 80 200 *                |
| 11.0              | 82.4           | 68.3                    | 80 000 *                |
| 12.0              | 81.5           | 68.2                    | 77 700                  |
| 13.0              | 80.7           | 68.0                    | 72 000                  |
| 14.0              | 79.8           | 67.8                    | 66 700                  |
| 15.0              | 78.9           | 67.6                    | 62 100                  |
| 16.0              | 78.0           | 67.4                    | 57 900                  |
| 18.0              | 76.2           | 66.9                    | 50 900                  |
| 20.0              | 74.5           | 66.4                    | 45 200                  |
| 22.0              | 72.7           | 65.7                    | 40 500                  |
| 24.0              | 70.8           | 65.1                    | 36 400                  |
| 26.0              | 69.0           | 64.3                    | 33 000                  |
| 28.0              | 67.1           | 63.5                    | 30 000                  |
| 30.0              | 65.2           | 62.6                    | 27 300                  |
| 32.0              | 63.3           | 61.6                    | 24 600                  |
| 34.0              | 61.4           | 60.5                    | 22 300                  |
| 36.0              | 59.4           | 59.3                    | 20 300                  |
| 38.0              | 57.3           | 58.1                    | 18 600                  |

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-------------------|----------------|-------------------------|-------------------------|
| <b>66.5m Boom</b> |                |                         |                         |
| 40.0              | 55.2           | 56.7                    | 17 000                  |
| 42.0              | 53.1           | 55.2                    | 15 500                  |
| 44.0              | 50.9           | 53.7                    | 14 300                  |
| 46.0              | 48.6           | 51.9                    | 13 100                  |
| 48.0              | 46.3           | 50.0                    | 12 000                  |
| 50.0              | 43.8           | 48.0                    | 11 100                  |
| 52.0              | 41.2           | 45.8                    | 10 200                  |
| 54.0              | 38.5           | 43.3                    | 9 300                   |
| 56.0              | 35.6           | 40.6                    | 8 600                   |
| 58.0              | 32.5           | 37.6                    | 7 900                   |
| 60.0              | 29.0           | 34.2                    | 7 100 *                 |
| 62.0              | 25.2           | 30.1                    | 6 000 *                 |
| 64.0              | 20.6           | 25.3                    | 4 900 *                 |
| <b>69.5m Boom</b> |                |                         |                         |
| 11.0              | 82.8           | 71.3                    | 71 900 *                |
| 12.0              | 81.9           | 71.2                    | 70 700 *                |
| 13.0              | 81.1           | 71.0                    | 69 400                  |
| 14.0              | 80.2           | 70.8                    | 65 400                  |
| 15.0              | 79.4           | 70.7                    | 60 800                  |
| 16.0              | 78.5           | 70.5                    | 56 800                  |
| 18.0              | 76.9           | 70.0                    | 49 900                  |
| 20.0              | 75.1           | 69.5                    | 44 300                  |
| 22.0              | 73.4           | 68.9                    | 39 700                  |
| 24.0              | 71.7           | 68.2                    | 35 700                  |
| 26.0              | 69.9           | 67.5                    | 32 300                  |
| 28.0              | 68.2           | 66.7                    | 29 400                  |
| 30.0              | 66.4           | 65.9                    | 26 800                  |
| 32.0              | 64.6           | 64.9                    | 24 400                  |
| 34.0              | 62.7           | 63.9                    | 22 100                  |
| 36.0              | 60.8           | 62.8                    | 20 100                  |
| 38.0              | 58.9           | 61.6                    | 18 300                  |
| 40.0              | 57.0           | 60.4                    | 16 700                  |
| 42.0              | 54.9           | 59.0                    | 15 300                  |
| 44.0              | 52.9           | 57.5                    | 14 000                  |
| 46.0              | 50.8           | 55.9                    | 12 800                  |
| 48.0              | 48.6           | 54.2                    | 11 800                  |
| 50.0              | 46.3           | 52.3                    | 10 800                  |
| 52.0              | 44.0           | 50.3                    | 9 800                   |
| 54.0              | 41.5           | 48.0                    | 9 000                   |
| 56.0              | 39.0           | 45.6                    | 8 300                   |
| 58.0              | 36.2           | 43.0                    | 7 500                   |
| 60.0              | 33.3           | 40.0                    | 6 900                   |
| 62.0              | 30.1           | 36.7                    | 6 100                   |
| 64.0              | 26.6           | 32.9                    | 5 100 *                 |
| 66.0              | 22.5           | 28.4                    | 4 100 *                 |
| 68.0              | 17.5           | 22.8                    | 3 100 *                 |

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-------------------|----------------|-------------------------|-------------------------|
| <b>72.5m Boom</b> |                |                         |                         |
| 11.6              | 82.6           | 74.3                    | 64 900 *                |
| 12.0              | 82.2           | 74.2                    | 64 500 *                |
| 13.0              | 81.4           | 74.1                    | 63 400 *                |
| 14.0              | 80.6           | 73.9                    | 62 300 *                |
| 15.0              | 79.8           | 73.7                    | 59 900                  |
| 16.0              | 79.0           | 73.5                    | 55 800                  |
| 18.0              | 77.4           | 73.1                    | 49 000                  |
| 20.0              | 75.8           | 72.6                    | 43 500                  |
| 22.0              | 74.1           | 72.0                    | 38 900                  |
| 24.0              | 72.5           | 71.4                    | 35 100                  |
| 26.0              | 70.8           | 70.7                    | 31 700                  |
| 28.0              | 69.1           | 70.0                    | 28 800                  |
| 30.0              | 67.4           | 69.2                    | 26 300                  |
| 32.0              | 65.7           | 68.3                    | 24 000                  |
| 34.0              | 63.9           | 67.3                    | 21 900                  |
| 36.0              | 62.1           | 66.3                    | 19 900                  |
| 38.0              | 60.3           | 65.1                    | 18 100                  |
| 40.0              | 58.5           | 63.9                    | 16 500                  |
| 42.0              | 56.6           | 62.6                    | 15 000                  |
| 44.0              | 54.7           | 61.2                    | 13 800                  |
| 46.0              | 52.7           | 59.7                    | 12 600                  |
| 48.0              | 50.7           | 58.1                    | 11 500                  |
| 50.0              | 48.6           | 56.4                    | 10 600                  |
| 52.0              | 46.4           | 54.5                    | 9 700                   |
| 54.0              | 44.2           | 52.5                    | 8 800                   |
| 56.0              | 41.8           | 50.3                    | 8 100                   |
| 58.0              | 39.4           | 48.0                    | 7 400                   |
| 60.0              | 36.8           | 45.3                    | 6 700                   |
| 62.0              | 34.0           | 42.5                    | 6 100                   |
| 64.0              | 31.0           | 39.3                    | 5 400                   |
| 66.0              | 27.8           | 35.6                    | 4 400 *                 |
| 68.0              | 24.1           | 31.4                    | 3 500 *                 |
| 70.0              | 19.7           | 26.3                    | 2 600 *                 |



# Liftcrane Boom Capacities

**Boom No. 57**

**107 680 kg Crane Counterweight**  
**52 160 kg Carbody Counterweight**  
**360 Degree Rating**

**European Standards**

14 m/s Maximum Wind thru 54,5 m Boom  
 12 m/s with 57,5 m and 60,5 m Boom  
 10 m/s with 63,5 m thru 87,5 m Boom  
 Conditions include jib when attached

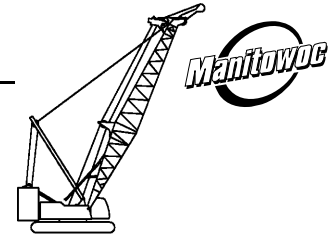
## 15000 SERIES 4

Capacities based on structural competence are denoted by an asterisk (\*).

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-------------------|----------------|-------------------------|-------------------------|
| <b>75.5m Boom</b> |                |                         |                         |
| 11.6              | 82.9           | 77.3                    | 53 500 *                |
| 12.0              | 82.5           | 77.2                    | 53 500 *                |
| 13.0              | 81.8           | 77.1                    | 53 500 *                |
| 14.0              | 81.0           | 76.9                    | 53 500 *                |
| 15.0              | 80.2           | 76.8                    | 53 500 *                |
| 16.0              | 79.5           | 76.6                    | 53 000                  |
| 18.0              | 77.9           | 76.2                    | 48 900                  |
| 20.0              | 76.4           | 75.7                    | 43 200                  |
| 22.0              | 74.8           | 75.2                    | 38 600                  |
| 24.0              | 73.2           | 74.6                    | 34 800                  |
| 26.0              | 71.6           | 73.9                    | 31 500                  |
| 28.0              | 70.0           | 73.2                    | 28 700                  |
| 30.0              | 68.4           | 72.4                    | 26 100                  |
| 32.0              | 66.7           | 71.6                    | 23 900                  |
| 34.0              | 65.0           | 70.6                    | 21 900                  |
| 36.0              | 63.4           | 69.7                    | 20 000                  |
| 38.0              | 61.6           | 68.6                    | 18 200                  |
| 40.0              | 59.9           | 67.4                    | 16 600                  |
| 42.0              | 58.1           | 66.2                    | 15 200                  |
| 44.0              | 56.3           | 64.9                    | 13 900                  |
| 46.0              | 54.4           | 63.5                    | 12 700                  |
| 48.0              | 52.5           | 62.0                    | 11 700                  |
| 50.0              | 50.6           | 60.4                    | 10 700                  |
| 52.0              | 48.6           | 58.6                    | 9 800                   |
| 54.0              | 46.5           | 56.8                    | 9 000                   |
| 56.0              | 44.3           | 54.8                    | 8 200                   |
| 58.0              | 42.1           | 52.6                    | 7 500                   |
| 60.0              | 39.8           | 50.2                    | 6 800                   |
| 62.0              | 37.3           | 47.7                    | 6 200                   |
| 64.0              | 34.7           | 44.9                    | 5 600                   |
| 66.0              | 31.9           | 41.8                    | 5 000 *                 |
| 68.0              | 28.8           | 38.3                    | 4 100 *                 |
| 70.0              | 25.4           | 34.3                    | 3 300 *                 |
| 72.0              | 21.5           | 29.6                    | 2 500 *                 |

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-------------------|----------------|-------------------------|-------------------------|
| <b>78.5m Boom</b> |                |                         |                         |
| 12.2              | 82.7           | 80.2                    | 53 100 *                |
| 13.0              | 82.1           | 80.1                    | 52 400 *                |
| 14.0              | 81.4           | 80.0                    | 51 500 *                |
| 15.0              | 80.6           | 79.8                    | 50 600 *                |
| 16.0              | 79.9           | 79.6                    | 49 700 *                |
| 18.0              | 78.4           | 79.2                    | 47 300                  |
| 20.0              | 76.9           | 78.8                    | 42 400                  |
| 22.0              | 75.4           | 78.3                    | 38 000                  |
| 24.0              | 73.9           | 77.7                    | 34 200                  |
| 26.0              | 72.3           | 77.1                    | 30 900                  |
| 28.0              | 70.8           | 76.4                    | 28 100                  |
| 30.0              | 69.2           | 75.6                    | 25 600                  |
| 32.0              | 67.7           | 74.8                    | 23 500                  |
| 34.0              | 66.1           | 73.9                    | 21 500                  |
| 36.0              | 64.5           | 73.0                    | 19 700                  |
| 38.0              | 62.8           | 72.0                    | 18 000                  |
| 40.0              | 61.2           | 70.9                    | 16 400                  |
| 42.0              | 59.5           | 69.7                    | 15 000                  |
| 44.0              | 57.7           | 68.5                    | 13 700                  |
| 46.0              | 56.0           | 67.2                    | 12 500                  |
| 48.0              | 54.2           | 65.7                    | 11 400                  |
| 50.0              | 52.4           | 64.2                    | 10 500                  |
| 52.0              | 50.5           | 62.6                    | 9 600                   |
| 54.0              | 48.6           | 60.9                    | 8 800                   |
| 56.0              | 46.6           | 59.0                    | 8 000                   |
| 58.0              | 44.5           | 57.0                    | 7 300                   |
| 60.0              | 42.4           | 54.9                    | 6 600                   |
| 62.0              | 40.1           | 52.5                    | 6 000                   |
| 64.0              | 37.8           | 50.0                    | 5 400                   |
| 66.0              | 35.3           | 47.3                    | 4 900                   |
| 68.0              | 32.6           | 44.2                    | 4 300                   |
| 70.0              | 29.8           | 40.9                    | 3 500 *                 |
| 72.0              | 26.6           | 37.1                    | 2 700 *                 |

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-------------------|----------------|-------------------------|-------------------------|
| <b>81.5m Boom</b> |                |                         |                         |
| 12.2              | 83.0           | 83.3                    | 48 300 *                |
| 13.0              | 82.4           | 83.2                    | 47 600 *                |
| 14.0              | 81.7           | 83.0                    | 46 800 *                |
| 15.0              | 81.0           | 82.9                    | 46 000 *                |
| 16.0              | 80.3           | 82.7                    | 45 100 *                |
| 18.0              | 78.8           | 82.3                    | 43 600 *                |
| 20.0              | 77.4           | 81.9                    | 41 700                  |
| 22.0              | 75.9           | 81.4                    | 37 200                  |
| 24.0              | 74.5           | 80.8                    | 33 500                  |
| 26.0              | 73.0           | 80.2                    | 30 300                  |
| 28.0              | 71.5           | 79.6                    | 27 500                  |
| 30.0              | 70.0           | 78.8                    | 25 000                  |
| 32.0              | 68.5           | 78.1                    | 22 900                  |
| 34.0              | 67.0           | 77.2                    | 21 000                  |
| 36.0              | 65.5           | 76.3                    | 19 200                  |
| 38.0              | 63.9           | 75.4                    | 17 700                  |
| 40.0              | 62.3           | 74.3                    | 16 100                  |
| 42.0              | 60.7           | 73.2                    | 14 700                  |
| 44.0              | 59.1           | 72.0                    | 13 400                  |
| 46.0              | 57.4           | 70.8                    | 12 200                  |
| 48.0              | 55.7           | 69.4                    | 11 200                  |
| 50.0              | 54.0           | 68.0                    | 10 200                  |
| 52.0              | 52.2           | 66.5                    | 9 300                   |
| 54.0              | 50.4           | 64.8                    | 8 400                   |
| 56.0              | 48.5           | 63.1                    | 7 700                   |
| 58.0              | 46.6           | 61.2                    | 7 000                   |
| 60.0              | 44.6           | 59.2                    | 6 300                   |
| 62.0              | 42.6           | 57.1                    | 5 700                   |
| 64.0              | 40.4           | 54.8                    | 5 100                   |
| 66.0              | 38.2           | 52.3                    | 4 600                   |
| 68.0              | 35.8           | 49.6                    | 4 100                   |
| 70.0              | 33.3           | 46.7                    | 3 400                   |
| 72.0              | 30.6           | 43.4                    | 2 700 *                 |



# Liftcrane Boom Capacities

**Boom No. 57**  
**107 680 kg Crane Counterweight**  
**52 160 kg Carbody Counterweight**  
**360 Degree Rating**

**European Standards**

14 m/s Maximum Wind thru 54,5 m Boom  
 12 m/s with 57,5 m and 60,5 m Boom  
 10 m/s with 63,5 m thru 87,5 m Boom  
 Conditions include jib when attached

## 15000 SERIES 4

Capacities based on structural competence are denoted by an asterisk (\*).

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-------------------|----------------|-------------------------|-------------------------|
| <b>84.5m Boom</b> |                |                         |                         |
| 12.8              | 82.8           | 86.2                    | 44 100 *                |
| 13.0              | 82.7           | 86.2                    | 43 900 *                |
| 14.0              | 82.0           | 86.1                    | 43 100 *                |
| 15.0              | 81.3           | 85.9                    | 42 300 *                |
| 16.0              | 80.6           | 85.7                    | 41 500 *                |
| 18.0              | 79.2           | 85.4                    | 40 100 *                |
| 20.0              | 77.8           | 84.9                    | 38 700                  |
| 22.0              | 76.4           | 84.5                    | 36 800                  |
| 24.0              | 75.0           | 83.9                    | 32 800                  |
| 26.0              | 73.6           | 83.4                    | 29 700                  |
| 28.0              | 72.2           | 82.7                    | 27 000                  |
| 30.0              | 70.8           | 82.0                    | 24 500                  |
| 32.0              | 69.3           | 81.3                    | 22 400                  |
| 34.0              | 67.9           | 80.5                    | 20 500                  |
| 36.0              | 66.4           | 79.6                    | 18 800                  |
| 38.0              | 64.9           | 78.7                    | 17 200                  |
| 40.0              | 63.4           | 77.7                    | 15 800                  |
| 42.0              | 61.8           | 76.7                    | 14 500                  |
| 44.0              | 60.3           | 75.5                    | 13 200                  |
| 46.0              | 58.7           | 74.3                    | 12 000                  |
| 48.0              | 57.1           | 73.1                    | 10 900                  |
| 50.0              | 55.5           | 71.7                    | 9 900                   |
| 52.0              | 53.8           | 70.2                    | 9 000                   |
| 54.0              | 52.1           | 68.7                    | 8 200                   |
| 56.0              | 50.3           | 67.1                    | 7 400                   |
| 58.0              | 48.5           | 65.3                    | 6 800                   |
| 60.0              | 46.7           | 63.5                    | 6 100                   |
| 62.0              | 44.8           | 61.5                    | 5 500                   |
| 64.0              | 42.8           | 59.4                    | 4 900                   |
| 66.0              | 40.7           | 57.1                    | 4 400                   |
| 68.0              | 38.6           | 54.7                    | 3 800                   |
| 70.0              | 36.3           | 52.0                    | 3 400                   |
| 72.0              | 34.0           | 49.1                    | 2 700 *                 |
| 74.0              | 31.4           | 45.9                    | 2 000 *                 |

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-------------------|----------------|-------------------------|-------------------------|
| <b>87.5m Boom</b> |                |                         |                         |
| 13.4              | 82.6           | 89.2                    | 39 400 *                |
| 14.0              | 82.3           | 89.1                    | 39 000 *                |
| 15.0              | 81.6           | 88.9                    | 38 300 *                |
| 16.0              | 80.9           | 88.8                    | 37 600 *                |
| 18.0              | 79.6           | 88.4                    | 36 200 *                |
| 20.0              | 78.3           | 88.0                    | 34 900 *                |
| 22.0              | 76.9           | 87.6                    | 33 800 *                |
| 24.0              | 75.6           | 87.1                    | 32 100                  |
| 26.0              | 74.2           | 86.5                    | 29 100                  |
| 28.0              | 72.8           | 85.9                    | 26 400                  |
| 30.0              | 71.5           | 85.2                    | 24 000                  |
| 32.0              | 70.1           | 84.5                    | 21 900                  |
| 34.0              | 68.7           | 83.7                    | 20 000                  |
| 36.0              | 67.2           | 82.9                    | 18 300                  |
| 38.0              | 65.8           | 82.0                    | 16 800                  |
| 40.0              | 64.4           | 81.1                    | 15 400                  |
| 42.0              | 62.9           | 80.1                    | 14 100                  |
| 44.0              | 61.4           | 79.0                    | 12 900                  |
| 46.0              | 59.9           | 77.8                    | 11 800                  |
| 48.0              | 58.4           | 76.6                    | 10 700                  |
| 50.0              | 56.8           | 75.3                    | 9 700                   |
| 52.0              | 55.2           | 74.0                    | 8 800                   |
| 54.0              | 53.6           | 72.5                    | 8 000                   |
| 56.0              | 51.9           | 71.0                    | 7 200                   |
| 58.0              | 50.3           | 69.3                    | 6 500                   |
| 60.0              | 48.5           | 67.6                    | 5 800                   |
| 62.0              | 46.7           | 65.7                    | 5 200                   |
| 64.0              | 44.9           | 63.7                    | 4 700                   |
| 66.0              | 43.0           | 61.6                    | 4 100                   |
| 68.0              | 41.0           | 59.4                    | 3 600                   |
| 70.0              | 39.0           | 57.0                    | 3 100                   |
| 72.0              | 36.8           | 54.3                    | 2 600 *                 |
| 74.0              | 34.5           | 51.5                    | 2 000 *                 |