

# Liftcrane Boom Capacities

European  
Standards

## 888 SERIES 2

**Boom No. 22EL**  
**81 240 kg Crane Counterweight**  
**19 960 kg Carbody Counterweight**  
**8 585 mm Crawlers Extended**  
**Rating Over Front Of Blocked Crawlers**  
**No Travel - Limited Swing**

**LIFTING CAPACITIES:** Capacities for various boom lengths and operating radii are for freely suspended loads over front of machine with crawlers extended and blocked and are calculated to comply with DIN 15018, ISO 4305, and NEN 2022 standards and include factors based on 4.5 degree minimum 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.

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

**OPERATING CONDITIONS:** Machine to operate in a level position on a firm uniformly supporting surface with gantry up, crawlers fully extended, and front tumbler properly blocked so that centerline of idler tumbler becomes tipping fulcrum. Drive motors must be to rear of machine. Swing is limited to that sector shown on Operating Range Diagram **No. 7770-A**. Refer to boom rigging **No. 177156** or **No. 177353** and Wire Rope Specification chart **No. 7859-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

**WIND CONDITIONS:** Machine may be operated within wind limits shown in table 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 1.2m<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 1.2m<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 those shown in table. Lower boom and jib to ground when wind is above 22 m/s.

**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 extendible crawlers, 1 219 mm treads, 3 124 mm retractable gantry, 9 144 mm live mast, 20 part boom hoist reeving, four 35 mm boom pendants, 81 240 kg crane counterweight and 19 960 kg carbody counterweight.

| Wind Limits During Operation |                |               |
|------------------------------|----------------|---------------|
| Maximum<br>Wind Velocity     | Boom<br>Length | Jib<br>Length |
| m\s                          | Meters         | Meters        |
| 14                           | 21.3 - 76.2    | —             |
| 10                           | 79.2 - 88.4    | —             |
| 10                           | 27.4 - 76.2    | 9.1 - 24.4    |
| 10                           | 79.2           | 9.1 - 15.2    |

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

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| Maximum Boom and Jib Lengths<br>Lifted Unassisted<br>Over Front of Blocked Crawlers                     |             |
|---------------------------------------------------------------------------------------------------------|-------------|
| Boom Length                                                                                             | Jib No. 134 |
| (a) 88.4m                                                                                               | —           |
| 85.3m                                                                                                   | —           |
| 82.3m                                                                                                   | —           |
| 79.2m                                                                                                   | 15.2m       |
| 76.2m                                                                                                   | 24.4m       |
| Load block, hook and weight ball on ground at start. (a) Upper boom point cannot be used on 88.4m boom. |             |

| Deduct From Capacities<br>When Jib Is Attached |             |
|------------------------------------------------|-------------|
| Jib Length                                     | Jib No. 134 |
| 9.1m                                           | 1 220 kg    |
| 12.2m                                          | 1 590 kg    |
| 15.2m                                          | 1 950 kg    |
| 18.3m                                          | 2 310 kg    |
| 21.3m                                          | 2 770 kg    |
| 24.4m                                          | 3 220 kg    |

| Oper.<br>Rad.<br>Meters    | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Kilograms |
|----------------------------|----------------------|----------------------------------|-------------------------------|
| <b>21.3m (70 Ft.) Boom</b> |                      |                                  |                               |
| 4.9                        | 82.8                 | 23.5                             | 200 000 *b                    |
| 5.0                        | 82.5                 | 23.5                             | 193 900 *b                    |
| 5.5                        | 81.1                 | 23.4                             | 174 900 *b                    |
| 6.0                        | 79.7                 | 23.3                             | 161 000 *b                    |
| 7.0                        | 77.0                 | 23.1                             | 138 600 *b                    |
| 8.0                        | 74.2                 | 22.8                             | 121 400 *                     |
| 9.0                        | 71.3                 | 22.5                             | 107 900 *                     |
| 10.0                       | 68.4                 | 22.1                             | 96 100                        |
| 11.0                       | 65.5                 | 21.6                             | 85 400                        |
| 12.0                       | 62.5                 | 21.1                             | 75 700                        |
| 13.0                       | 59.3                 | 20.5                             | 67 200                        |
| 14.0                       | 56.1                 | 19.8                             | 60 300                        |
| 15.0                       | 52.7                 | 19.0                             | 54 500                        |
| 16.0                       | 49.1                 | 18.1                             | 49 600                        |
| 18.0                       | 41.3                 | 16.0                             | 41 900                        |
| 20.0                       | 31.9                 | 13.2                             | 36 100                        |

| Oper.<br>Rad.<br>Meters    | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Kilograms |
|----------------------------|----------------------|----------------------------------|-------------------------------|
| <b>24.4m (80 Ft.) Boom</b> |                      |                                  |                               |
| 5.2                        | 83.0                 | 26.6                             | 183 700 *b                    |
| 5.5                        | 82.2                 | 26.5                             | 174 600 *b                    |
| 6.0                        | 81.0                 | 26.4                             | 160 600 *b                    |
| 7.0                        | 78.6                 | 26.2                             | 138 200 *b                    |
| 8.0                        | 76.2                 | 26.0                             | 121 100                       |
| 9.0                        | 73.8                 | 25.7                             | 105 500                       |
| 10.0                       | 71.3                 | 25.3                             | 92 900                        |
| 11.0                       | 68.8                 | 24.9                             | 82 800                        |
| 12.0                       | 66.2                 | 24.5                             | 74 600                        |
| 13.0                       | 63.5                 | 24.0                             | 67 100                        |
| 14.0                       | 60.9                 | 23.4                             | 60 100                        |
| 15.0                       | 58.1                 | 22.8                             | 54 400                        |
| 16.0                       | 55.2                 | 22.1                             | 49 500                        |
| 18.0                       | 49.1                 | 20.4                             | 41 700                        |
| 20.0                       | 42.4                 | 18.4                             | 35 800                        |
| 22.0                       | 34.5                 | 15.7                             | 31 200                        |
| 24.0                       | 24.5                 | 11.9                             | 27 500                        |

| Oper.<br>Rad.<br>Meters    | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Kilograms |
|----------------------------|----------------------|----------------------------------|-------------------------------|
| <b>27.4m (90 Ft.) Boom</b> |                      |                                  |                               |
| 5.8                        | 82.5                 | 29.6                             | 165 400 *b                    |
| 6.0                        | 82.0                 | 29.5                             | 160 300 *b                    |
| 7.0                        | 79.9                 | 29.3                             | 137 300 b                     |
| 8.0                        | 77.8                 | 29.1                             | 117 200                       |
| 9.0                        | 75.6                 | 28.9                             | 102 000                       |
| 10.0                       | 73.4                 | 28.6                             | 90 100                        |
| 11.0                       | 71.2                 | 28.2                             | 80 500                        |
| 12.0                       | 69.0                 | 27.8                             | 72 600                        |
| 13.0                       | 66.7                 | 27.4                             | 65 900                        |
| 14.0                       | 64.4                 | 26.9                             | 60 100                        |
| 15.0                       | 62.0                 | 26.4                             | 54 300                        |
| 16.0                       | 59.6                 | 25.8                             | 49 400                        |
| 18.0                       | 54.5                 | 24.4                             | 41 600                        |
| 20.0                       | 49.1                 | 22.7                             | 35 600                        |
| 22.0                       | 43.2                 | 20.7                             | 31 000                        |
| 24.0                       | 36.4                 | 18.2                             | 27 300                        |
| 26.0                       | 28.3                 | 14.9                             | 24 200                        |

Capacities based on structural competence are denoted by an asterisk (\*).  
Capacities indicated by (b) require 5 670 kg minimum weight.

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| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|-------------------------------|
| <b>30.5m (100 Ft.) Boom</b> |                      |                                  |                               |
| 6.1                         | 82.7                 | 32.6                             | 154 400 <b>b</b>              |
| 7.0                         | 80.9                 | 32.5                             | 131 700 <b>b</b>              |
| 8.0                         | 79.0                 | 32.3                             | 113 100                       |
| 9.0                         | 77.1                 | 32.0                             | 98 800                        |
| 10.0                        | 75.1                 | 31.7                             | 87 500                        |
| 11.0                        | 73.2                 | 31.4                             | 78 300                        |
| 12.0                        | 71.2                 | 31.1                             | 70 700                        |
| 13.0                        | 69.2                 | 30.7                             | 64 400                        |
| 14.0                        | 67.1                 | 30.3                             | 58 900                        |
| 15.0                        | 65.1                 | 29.8                             | 54 200                        |
| 16.0                        | 62.9                 | 29.3                             | 49 500                        |
| 18.0                        | 58.6                 | 28.1                             | 41 500                        |
| 20.0                        | 54.0                 | 26.7                             | 35 600                        |
| 22.0                        | 49.1                 | 25.0                             | 30 900                        |
| 24.0                        | 43.8                 | 23.1                             | 27 100                        |
| 26.0                        | 37.9                 | 20.6                             | 24 000                        |
| 28.0                        | 31.0                 | 17.6                             | 21 500                        |
| 30.0                        | 22.2                 | 13.4                             | 19 400                        |
| <b>33.5m (110 Ft.) Boom</b> |                      |                                  |                               |
| 6.7                         | 82.3                 | 35.6                             | 132 900                       |
| 7.0                         | 81.8                 | 35.5                             | 127 000                       |
| 8.0                         | 80.0                 | 35.4                             | 109 200                       |
| 9.0                         | 78.3                 | 35.2                             | 95 700                        |
| 10.0                        | 76.5                 | 34.9                             | 84 900                        |
| 11.0                        | 74.8                 | 34.6                             | 76 100                        |
| 12.0                        | 73.0                 | 34.3                             | 68 900                        |
| 13.0                        | 71.2                 | 34.0                             | 62 700                        |
| 14.0                        | 69.3                 | 33.6                             | 57 500                        |
| 15.0                        | 67.5                 | 33.2                             | 53 000                        |
| 16.0                        | 65.6                 | 32.7                             | 48 900                        |
| 18.0                        | 61.7                 | 31.7                             | 41 500                        |
| 20.0                        | 57.7                 | 30.4                             | 35 400                        |
| 22.0                        | 53.5                 | 29.0                             | 30 700                        |
| 24.0                        | 49.1                 | 27.3                             | 26 900                        |
| 26.0                        | 44.3                 | 25.4                             | 23 800                        |
| 28.0                        | 39.0                 | 23.0                             | 21 200                        |
| 30.0                        | 33.1                 | 20.2                             | 19 000                        |
| 32.0                        | 25.8                 | 16.5                             | 17 200                        |

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|-------------------------------|
| <b>36.6m (120 Ft.) Boom</b> |                      |                                  |                               |
| 6.7                         | 82.9                 | 38.7                             | 127 600                       |
| 7.0                         | 82.5                 | 38.6                             | 122 100                       |
| 8.0                         | 80.9                 | 38.5                             | 105 400                       |
| 9.0                         | 79.3                 | 38.3                             | 92 600                        |
| 10.0                        | 77.7                 | 38.0                             | 82 400                        |
| 11.0                        | 76.1                 | 37.8                             | 74 000                        |
| 12.0                        | 74.4                 | 37.5                             | 67 000                        |
| 13.0                        | 72.8                 | 37.2                             | 61 100                        |
| 14.0                        | 71.1                 | 36.8                             | 56 000                        |
| 15.0                        | 69.5                 | 36.5                             | 51 600                        |
| 16.0                        | 67.8                 | 36.1                             | 47 800                        |
| 18.0                        | 64.3                 | 35.1                             | 41 100                        |
| 20.0                        | 60.7                 | 34.0                             | 35 200                        |
| 22.0                        | 57.0                 | 32.8                             | 30 500                        |
| 24.0                        | 53.2                 | 31.3                             | 26 700                        |
| 26.0                        | 49.1                 | 29.6                             | 23 500                        |
| 28.0                        | 44.7                 | 27.7                             | 20 900                        |
| 30.0                        | 40.0                 | 25.4                             | 18 700                        |
| 32.0                        | 34.7                 | 22.7                             | 16 900                        |
| 34.0                        | 28.5                 | 19.3                             | 15 300                        |
| 36.0                        | 20.6                 | 14.7                             | 13 900                        |
| <b>39.6m (130 Ft.) Boom</b> |                      |                                  |                               |
| 7.3                         | 82.6                 | 41.7                             | 112 200                       |
| 8.0                         | 81.6                 | 41.6                             | 102 000                       |
| 9.0                         | 80.1                 | 41.4                             | 89 900                        |
| 10.0                        | 78.6                 | 41.2                             | 80 100                        |
| 11.0                        | 77.2                 | 40.9                             | 72 100                        |
| 12.0                        | 75.7                 | 40.7                             | 65 400                        |
| 13.0                        | 74.2                 | 40.4                             | 59 700                        |
| 14.0                        | 72.6                 | 40.1                             | 54 800                        |
| 15.0                        | 71.1                 | 39.7                             | 50 600                        |
| 16.0                        | 69.6                 | 39.4                             | 46 900                        |
| 18.0                        | 66.4                 | 38.5                             | 40 600                        |
| 20.0                        | 63.2                 | 37.5                             | 35 200                        |
| 22.0                        | 59.9                 | 36.4                             | 30 400                        |
| 24.0                        | 56.4                 | 35.1                             | 26 600                        |
| 26.0                        | 52.8                 | 33.6                             | 23 500                        |
| 28.0                        | 49.1                 | 31.9                             | 20 900                        |
| 30.0                        | 45.1                 | 30.0                             | 18 700                        |
| 32.0                        | 40.7                 | 27.8                             | 16 700                        |
| 34.0                        | 36.0                 | 25.2                             | 15 100                        |
| 36.0                        | 30.5                 | 22.0                             | 13 700                        |
| 38.0                        | 24.0                 | 18.0                             | 12 500                        |

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|-------------------------------|
| <b>42.7m (140 Ft.) Boom</b> |                      |                                  |                               |
| 7.9                         | 82.3                 | 44.7                             | 99 600                        |
| 8.0                         | 82.2                 | 44.6                             | 98 700                        |
| 9.0                         | 80.8                 | 44.5                             | 87 100                        |
| 10.0                        | 79.5                 | 44.3                             | 77 800                        |
| 11.0                        | 78.1                 | 44.1                             | 70 100                        |
| 12.0                        | 76.7                 | 43.8                             | 63 700                        |
| 13.0                        | 75.3                 | 43.6                             | 58 200                        |
| 14.0                        | 73.9                 | 43.3                             | 53 400                        |
| 15.0                        | 72.5                 | 43.0                             | 49 300                        |
| 16.0                        | 71.1                 | 42.6                             | 45 700                        |
| 18.0                        | 68.2                 | 41.8                             | 39 600                        |
| 20.0                        | 65.3                 | 40.9                             | 34 700                        |
| 22.0                        | 62.2                 | 39.9                             | 30 200                        |
| 24.0                        | 59.1                 | 38.7                             | 26 400                        |
| 26.0                        | 55.9                 | 37.4                             | 23 200                        |
| 28.0                        | 52.6                 | 35.9                             | 20 600                        |
| 30.0                        | 49.1                 | 34.2                             | 18 300                        |
| 32.0                        | 45.4                 | 32.3                             | 16 500                        |
| 34.0                        | 41.4                 | 30.1                             | 14 800                        |
| 36.0                        | 37.0                 | 27.6                             | 13 400                        |
| 38.0                        | 32.2                 | 24.6                             | 12 200                        |
| 40.0                        | 26.6                 | 20.9                             | 11 100                        |
| 42.0                        | 19.4                 | 16.0                             | 10 200                        |
| <b>45.7m (150 Ft.) Boom</b> |                      |                                  |                               |
| 7.9                         | 82.8                 | 47.7                             | 96 500                        |
| 8.0                         | 82.7                 | 47.7                             | 95 600                        |
| 9.0                         | 81.4                 | 47.6                             | 84 600                        |
| 10.0                        | 80.2                 | 47.4                             | 75 700                        |
| 11.0                        | 78.9                 | 47.2                             | 68 300                        |
| 12.0                        | 77.6                 | 47.0                             | 62 100                        |
| 13.0                        | 76.3                 | 46.7                             | 56 800                        |
| 14.0                        | 75.0                 | 46.4                             | 52 200                        |
| 15.0                        | 73.7                 | 46.2                             | 48 200                        |
| 16.0                        | 72.4                 | 45.8                             | 44 700                        |
| 18.0                        | 69.7                 | 45.1                             | 38 800                        |
| 20.0                        | 67.0                 | 44.3                             | 34 000                        |
| 22.0                        | 64.3                 | 43.3                             | 30 000                        |
| 24.0                        | 61.4                 | 42.3                             | 26 200                        |
| 26.0                        | 58.5                 | 41.1                             | 23 000                        |
| 28.0                        | 55.5                 | 39.7                             | 20 400                        |
| 30.0                        | 52.3                 | 38.2                             | 18 100                        |
| 32.0                        | 49.1                 | 36.5                             | 16 200                        |
| 34.0                        | 45.6                 | 34.6                             | 14 500                        |
| 36.0                        | 41.9                 | 32.5                             | 13 100                        |
| 38.0                        | 37.9                 | 30.0                             | 11 800                        |
| 40.0                        | 33.6                 | 27.2                             | 10 700                        |
| 42.0                        | 28.6                 | 23.7                             | 9 800                         |
| 44.0                        | 22.6                 | 19.4                             | 8 900                         |

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

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

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| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|-------------------------------|
| <b>48.8m (160 Ft.) Boom</b> |                      |                                  |                               |
| 8.5                         | 82.5                 | 50.7                             | 86 800                        |
| 9.0                         | 82.0                 | 50.7                             | 82 300                        |
| 10.0                        | 80.8                 | 50.5                             | 73 700                        |
| 11.0                        | 79.6                 | 50.3                             | 66 600                        |
| 12.0                        | 78.4                 | 50.1                             | 60 600                        |
| 13.0                        | 77.2                 | 49.9                             | 55 500                        |
| 14.0                        | 76.0                 | 49.6                             | 51 100                        |
| 15.0                        | 74.8                 | 49.3                             | 47 200                        |
| 16.0                        | 73.5                 | 49.0                             | 43 700                        |
| 18.0                        | 71.1                 | 48.4                             | 38 000                        |
| 20.0                        | 68.5                 | 47.6                             | 33 300                        |
| 22.0                        | 66.0                 | 46.7                             | 29 500                        |
| 24.0                        | 63.4                 | 45.7                             | 26 100                        |
| 26.0                        | 60.7                 | 44.6                             | 22 900                        |
| 28.0                        | 57.9                 | 43.4                             | 20 200                        |
| 30.0                        | 55.1                 | 42.1                             | 18 000                        |
| 32.0                        | 52.1                 | 40.5                             | 16 100                        |
| 34.0                        | 49.1                 | 38.8                             | 14 400                        |
| 36.0                        | 45.8                 | 37.0                             | 12 900                        |
| 38.0                        | 42.4                 | 34.8                             | 11 700                        |
| 40.0                        | 38.7                 | 32.4                             | 10 500                        |
| 42.0                        | 34.7                 | 29.7                             | 9 500                         |
| 44.0                        | 30.2                 | 26.4                             | 8 600                         |
| 46.0                        | 25.0                 | 22.5                             | 7 900                         |
| 48.0                        | 18.5                 | 17.3                             | 7 200                         |

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|-------------------------------|
| <b>51.8m (170 Ft.) Boom</b> |                      |                                  |                               |
| 8.5                         | 83.0                 | 53.8                             | 84 200                        |
| 9.0                         | 82.5                 | 53.7                             | 79 900                        |
| 10.0                        | 81.3                 | 53.6                             | 71 700                        |
| 11.0                        | 80.2                 | 53.4                             | 64 900                        |
| 12.0                        | 79.1                 | 53.2                             | 59 100                        |
| 13.0                        | 78.0                 | 53.0                             | 54 200                        |
| 14.0                        | 76.8                 | 52.8                             | 49 800                        |
| 15.0                        | 75.7                 | 52.5                             | 46 100                        |
| 16.0                        | 74.5                 | 52.2                             | 42 700                        |
| 18.0                        | 72.2                 | 51.6                             | 37 100                        |
| 20.0                        | 69.9                 | 50.9                             | 32 500                        |
| 22.0                        | 67.5                 | 50.1                             | 28 800                        |
| 24.0                        | 65.1                 | 49.2                             | 25 600                        |
| 26.0                        | 62.6                 | 48.1                             | 22 700                        |
| 28.0                        | 60.0                 | 47.0                             | 20 100                        |
| 30.0                        | 57.4                 | 45.8                             | 17 800                        |
| 32.0                        | 54.7                 | 44.4                             | 15 800                        |
| 34.0                        | 52.0                 | 42.8                             | 14 200                        |
| 36.0                        | 49.1                 | 41.1                             | 12 700                        |
| 38.0                        | 46.0                 | 39.3                             | 11 400                        |
| 40.0                        | 42.8                 | 37.2                             | 10 300                        |
| 42.0                        | 39.4                 | 34.8                             | 9 300                         |
| 44.0                        | 35.7                 | 32.1                             | 8 400                         |
| 46.0                        | 31.6                 | 29.1                             | 7 600                         |
| 48.0                        | 27.0                 | 25.4                             | 6 900                         |
| 50.0                        | 21.5                 | 20.8                             | 6 300                         |

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|-------------------------------|
| <b>54.9m (180 Ft.) Boom</b> |                      |                                  |                               |
| 9.1                         | 82.7                 | 56.8                             | 76 400                        |
| 10.0                        | 81.8                 | 56.7                             | 69 900                        |
| 11.0                        | 80.8                 | 56.5                             | 63 300                        |
| 12.0                        | 79.7                 | 56.3                             | 57 700                        |
| 13.0                        | 78.6                 | 56.1                             | 53 000                        |
| 14.0                        | 77.6                 | 55.9                             | 48 800                        |
| 15.0                        | 76.5                 | 55.6                             | 45 100                        |
| 16.0                        | 75.4                 | 55.4                             | 41 900                        |
| 18.0                        | 73.2                 | 54.8                             | 36 400                        |
| 20.0                        | 71.0                 | 54.1                             | 31 900                        |
| 22.0                        | 68.8                 | 53.4                             | 28 200                        |
| 24.0                        | 66.5                 | 52.5                             | 25 100                        |
| 26.0                        | 64.2                 | 51.6                             | 22 500                        |
| 28.0                        | 61.9                 | 50.5                             | 20 000                        |
| 30.0                        | 59.5                 | 49.4                             | 17 700                        |
| 32.0                        | 57.0                 | 48.1                             | 15 700                        |
| 34.0                        | 54.4                 | 46.7                             | 14 000                        |
| 36.0                        | 51.8                 | 45.1                             | 12 600                        |
| 38.0                        | 49.0                 | 43.4                             | 11 300                        |
| 40.0                        | 46.2                 | 41.6                             | 10 100                        |
| 42.0                        | 43.2                 | 39.5                             | 9 100                         |
| 44.0                        | 40.0                 | 37.2                             | 8 200                         |
| 46.0                        | 36.6                 | 34.6                             | 7 400                         |
| 48.0                        | 32.8                 | 31.6                             | 6 600                         |
| 50.0                        | 28.6                 | 28.2                             | 6 000                         |
| 52.0                        | 23.8                 | 24.0                             | 5 400                         |

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

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

# Liftcrane Boom Capacities

European  
Standards

## 888 SERIES 2

**Boom No. 22EL**

**81 240 kg Crane Counterweight**

**19 960 kg Carbody Counterweight**

**8 585 mm Crawlers Extended**

**Rating Over Front Of Blocked Crawlers**

**No Travel - Limited Swing**

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|-------------------------------|
| <b>57.9m (190 Ft.) Boom</b> |                      |                                  |                               |
| 9.8                         | 82.5                 | 59.8                             | 69 700                        |
| 10.0                        | 82.3                 | 59.8                             | 68 000                        |
| 11.0                        | 81.3                 | 59.6                             | 61 600                        |
| 12.0                        | 80.3                 | 59.4                             | 56 200                        |
| 13.0                        | 79.2                 | 59.2                             | 51 600                        |
| 14.0                        | 78.2                 | 59.0                             | 47 600                        |
| 15.0                        | 77.2                 | 58.8                             | 44 000                        |
| 16.0                        | 76.2                 | 58.5                             | 40 800                        |
| 18.0                        | 74.2                 | 58.0                             | 35 500                        |
| 20.0                        | 72.1                 | 57.3                             | 31 100                        |
| 22.0                        | 70.0                 | 56.6                             | 27 400                        |
| 24.0                        | 67.8                 | 55.8                             | 24 400                        |
| 26.0                        | 65.7                 | 54.9                             | 21 800                        |
| 28.0                        | 63.5                 | 54.0                             | 19 500                        |
| 30.0                        | 61.2                 | 52.9                             | 17 400                        |
| 32.0                        | 58.9                 | 51.7                             | 15 400                        |
| 34.0                        | 56.6                 | 50.4                             | 13 700                        |
| 36.0                        | 54.1                 | 49.0                             | 12 200                        |
| 38.0                        | 51.6                 | 47.4                             | 10 900                        |
| 40.0                        | 49.0                 | 45.7                             | 9 800                         |
| 42.0                        | 46.3                 | 43.9                             | 8 700                         |
| 44.0                        | 43.5                 | 41.8                             | 7 800                         |
| 46.0                        | 40.5                 | 39.6                             | 7 000                         |
| 48.0                        | 37.3                 | 37.0                             | 6 300                         |
| 50.0                        | 33.9                 | 34.2                             | 5 600                         |
| 52.0                        | 30.0                 | 30.9                             | 5 000                         |
| 54.0                        | 25.7                 | 27.0                             | 4 500                         |
| 56.0                        | 20.5                 | 22.1                             | 4 000                         |
| <b>61.0m (200 Ft.) Boom</b> |                      |                                  |                               |
| 9.8                         | 82.9                 | 62.9                             | 67 900                        |
| 10.0                        | 82.7                 | 62.8                             | 66 300                        |
| 11.0                        | 81.7                 | 62.7                             | 60 200                        |
| 12.0                        | 80.7                 | 62.5                             | 55 000                        |
| 13.0                        | 79.8                 | 62.3                             | 50 500                        |
| 14.0                        | 78.8                 | 62.1                             | 46 600                        |
| 15.0                        | 77.9                 | 61.9                             | 43 100                        |
| 16.0                        | 76.9                 | 61.7                             | 40 000                        |
| 18.0                        | 75.0                 | 61.2                             | 34 800                        |
| 20.0                        | 73.0                 | 60.6                             | 30 500                        |
| 22.0                        | 71.0                 | 59.9                             | 26 900                        |
| 24.0                        | 69.0                 | 59.1                             | 23 900                        |
| 26.0                        | 67.0                 | 58.3                             | 21 400                        |
| 28.0                        | 64.9                 | 57.4                             | 19 100                        |
| 30.0                        | 62.8                 | 56.4                             | 17 200                        |
| 32.0                        | 60.7                 | 55.3                             | 15 300                        |
| 34.0                        | 58.5                 | 54.1                             | 13 600                        |
| 36.0                        | 56.2                 | 52.7                             | 12 100                        |
| 38.0                        | 53.9                 | 51.3                             | 10 800                        |

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|-------------------------------|
| <b>61.0m (200 Ft.) Boom</b> |                      |                                  |                               |
| 40.0                        | 51.5                 | 49.7                             | 9 600                         |
| 42.0                        | 49.0                 | 48.0                             | 8 600                         |
| 44.0                        | 46.5                 | 46.2                             | 7 700                         |
| 46.0                        | 43.8                 | 44.2                             | 6 800                         |
| 48.0                        | 41.0                 | 41.9                             | 6 100                         |
| 50.0                        | 38.0                 | 39.4                             | 5 400                         |
| 52.0                        | 34.8                 | 36.6                             | 4 700                         |
| 54.0                        | 31.2                 | 33.5                             | 4 200                         |
| 56.0                        | 27.3                 | 29.8                             | 3 700                         |
| 58.0                        | 22.8                 | 25.4                             | 3 200                         |
| <b>64.0m (210 Ft.) Boom</b> |                      |                                  |                               |
| 10.4                        | 82.7                 | 65.9                             | 62 200                        |
| 11.0                        | 82.1                 | 65.8                             | 58 600                        |
| 12.0                        | 81.2                 | 65.6                             | 53 600                        |
| 13.0                        | 80.3                 | 65.4                             | 49 200                        |
| 14.0                        | 79.4                 | 65.2                             | 45 400                        |
| 15.0                        | 78.5                 | 65.0                             | 42 100                        |
| 16.0                        | 77.5                 | 64.8                             | 39 100                        |
| 18.0                        | 75.7                 | 64.3                             | 33 900                        |
| 20.0                        | 73.8                 | 63.7                             | 29 800                        |
| 22.0                        | 72.0                 | 63.1                             | 26 300                        |
| 24.0                        | 70.1                 | 62.4                             | 23 300                        |
| 26.0                        | 68.1                 | 61.6                             | 20 800                        |
| 28.0                        | 66.2                 | 60.7                             | 18 600                        |
| 30.0                        | 64.2                 | 59.8                             | 16 700                        |
| 32.0                        | 62.2                 | 58.8                             | 15 000                        |
| 34.0                        | 60.1                 | 57.6                             | 13 400                        |
| 36.0                        | 58.0                 | 56.4                             | 11 900                        |
| 38.0                        | 55.9                 | 55.1                             | 10 600                        |
| 40.0                        | 53.7                 | 53.6                             | 9 400                         |
| 42.0                        | 51.4                 | 52.0                             | 8 400                         |
| 44.0                        | 49.0                 | 50.3                             | 7 400                         |
| 46.0                        | 46.6                 | 48.5                             | 6 500                         |
| 48.0                        | 44.1                 | 46.5                             | 5 800                         |
| 50.0                        | 41.4                 | 44.3                             | 5 100                         |
| 52.0                        | 38.6                 | 41.8                             | 4 500                         |
| 54.0                        | 35.6                 | 39.1                             | 3 900                         |
| 56.0                        | 32.3                 | 36.1                             | 3 400                         |
| 58.0                        | 28.7                 | 32.6                             | 3 000                         |
| 60.0                        | 24.6                 | 28.5                             | 2 600                         |
| 62.0                        | 19.7                 | 23.4                             | 2 200                         |

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|-------------------------------|
| <b>67.1m (220 Ft.) Boom</b> |                      |                                  |                               |
| 10.4                        | 83.0                 | 68.9                             | 60 800                        |
| 11.0                        | 82.5                 | 68.8                             | 57 300                        |
| 12.0                        | 81.6                 | 68.7                             | 52 500                        |
| 13.0                        | 80.7                 | 68.5                             | 48 200                        |
| 14.0                        | 79.9                 | 68.3                             | 44 500                        |
| 15.0                        | 79.0                 | 68.2                             | 41 200                        |
| 16.0                        | 78.1                 | 67.9                             | 38 300                        |
| 18.0                        | 76.4                 | 67.5                             | 33 300                        |
| 20.0                        | 74.6                 | 66.9                             | 29 300                        |
| 22.0                        | 72.8                 | 66.3                             | 25 800                        |
| 24.0                        | 71.0                 | 65.6                             | 22 900                        |
| 26.0                        | 69.2                 | 64.9                             | 20 400                        |
| 28.0                        | 67.3                 | 64.1                             | 18 300                        |
| 30.0                        | 65.5                 | 63.2                             | 16 400                        |
| 32.0                        | 63.6                 | 62.2                             | 14 700                        |
| 34.0                        | 61.6                 | 61.1                             | 13 200                        |
| 36.0                        | 59.6                 | 60.0                             | 11 800                        |
| 38.0                        | 57.6                 | 58.7                             | 10 500                        |
| 40.0                        | 55.6                 | 57.4                             | 9 400                         |
| 42.0                        | 53.5                 | 55.9                             | 8 300                         |
| 44.0                        | 51.3                 | 54.4                             | 7 300                         |
| 46.0                        | 49.0                 | 52.6                             | 6 500                         |
| 48.0                        | 46.7                 | 50.8                             | 5 700                         |
| 50.0                        | 44.3                 | 48.8                             | 5 000                         |
| 52.0                        | 41.8                 | 46.6                             | 4 400                         |
| 54.0                        | 39.1                 | 44.2                             | 3 800                         |
| 56.0                        | 36.3                 | 41.6                             | 3 300                         |
| 58.0                        | 33.2                 | 38.6                             | 2 800                         |
| 60.0                        | 29.9                 | 35.3                             | 2 300                         |
| 62.0                        | 26.2                 | 31.4                             | 1 900                         |

Capacities based on structural competence are denoted by an asterisk (\*).  
Capacities indicated by (b) require 5 670 kg minimum weight.

# Liftcrane Boom Capacities

European  
Standards

## 888 SERIES 2

**Boom No. 22EL**  
**81 240 kg Crane Counterweight**  
**19 960 kg Carbody Counterweight**  
**8 585 mm Crawlers Extended**  
**Rating Over Front Of Blocked Crawlers**  
**No Travel - Limited Swing**

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|-------------------------------|
| <b>70.1m (230 Ft.) Boom</b> |                      |                                  |                               |
| 11.0                        | 82.8                 | 71.9                             | 56 000                        |
| 12.0                        | 82.0                 | 71.8                             | 51 100                        |
| 13.0                        | 81.1                 | 71.6                             | 47 000                        |
| 14.0                        | 80.3                 | 71.4                             | 43 400                        |
| 15.0                        | 79.5                 | 71.3                             | 40 200                        |
| 16.0                        | 78.6                 | 71.1                             | 37 400                        |
| 18.0                        | 77.0                 | 70.6                             | 32 500                        |
| 20.0                        | 75.3                 | 70.1                             | 28 500                        |
| 22.0                        | 73.6                 | 69.5                             | 25 100                        |
| 24.0                        | 71.9                 | 68.9                             | 22 300                        |
| 26.0                        | 70.1                 | 68.2                             | 19 800                        |
| 28.0                        | 68.4                 | 67.4                             | 17 700                        |
| 30.0                        | 66.6                 | 66.5                             | 15 800                        |
| 32.0                        | 64.8                 | 65.6                             | 14 200                        |
| 34.0                        | 63.0                 | 64.6                             | 12 700                        |
| 36.0                        | 61.1                 | 63.5                             | 11 400                        |
| 38.0                        | 59.2                 | 62.3                             | 10 200                        |
| 40.0                        | 57.3                 | 61.1                             | 9 000                         |
| 42.0                        | 55.3                 | 59.7                             | 8 000                         |
| 44.0                        | 53.3                 | 58.2                             | 7 000                         |
| 46.0                        | 51.2                 | 56.7                             | 6 100                         |
| 48.0                        | 49.0                 | 54.9                             | 5 300                         |
| 50.0                        | 46.8                 | 53.1                             | 4 600                         |
| 52.0                        | 44.5                 | 51.1                             | 4 000                         |
| 54.0                        | 42.1                 | 48.9                             | 3 400                         |
| 56.0                        | 39.6                 | 46.6                             | 2 900                         |
| 58.0                        | 36.9                 | 44.0                             | 2 400                         |
| <b>73.2m (240 Ft.) Boom</b> |                      |                                  |                               |
| 11.6                        | 82.6                 | 74.9                             | 51 600                        |
| 12.0                        | 82.3                 | 74.9                             | 49 800                        |
| 13.0                        | 81.5                 | 74.7                             | 45 800                        |
| 14.0                        | 80.7                 | 74.5                             | 42 300                        |
| 15.0                        | 79.9                 | 74.4                             | 39 200                        |
| 16.0                        | 79.1                 | 74.2                             | 36 400                        |
| 18.0                        | 77.5                 | 73.7                             | 31 600                        |
| 20.0                        | 75.9                 | 73.2                             | 27 700                        |
| 22.0                        | 74.3                 | 72.7                             | 24 400                        |
| 24.0                        | 72.6                 | 72.1                             | 21 600                        |
| 26.0                        | 71.0                 | 71.4                             | 19 200                        |
| 28.0                        | 69.3                 | 70.7                             | 17 100                        |
| 30.0                        | 67.6                 | 69.8                             | 15 200                        |
| 32.0                        | 65.9                 | 69.0                             | 13 600                        |
| 34.0                        | 64.2                 | 68.0                             | 12 100                        |
| 36.0                        | 62.4                 | 67.0                             | 10 900                        |
| 38.0                        | 60.6                 | 65.9                             | 9 700                         |
| 40.0                        | 58.8                 | 64.7                             | 8 600                         |
| 42.0                        | 56.9                 | 63.4                             | 7 600                         |

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|-------------------------------|
| <b>73.2m (240 Ft.) Boom</b> |                      |                                  |                               |
| 44.0                        | 55.0                 | 62.0                             | 6 700                         |
| 46.0                        | 53.1                 | 60.5                             | 5 800                         |
| 48.0                        | 51.1                 | 59.0                             | 5 100                         |
| 50.0                        | 49.0                 | 57.2                             | 4 300                         |
| 52.0                        | 46.9                 | 55.4                             | 3 700                         |
| 54.0                        | 44.7                 | 53.4                             | 3 100                         |
| 56.0                        | 42.4                 | 51.3                             | 2 500                         |
| <b>76.2m (250 Ft.) Boom</b> |                      |                                  |                               |
| 11.6                        | 82.9                 | 78.0                             | 49 900 *                      |
| 12.0                        | 82.6                 | 77.9                             | 48 900                        |
| 13.0                        | 81.9                 | 77.8                             | 45 400                        |
| 14.0                        | 81.1                 | 77.6                             | 42 000                        |
| 15.0                        | 80.3                 | 77.5                             | 38 900                        |
| 16.0                        | 79.6                 | 77.3                             | 36 200                        |
| 18.0                        | 78.0                 | 76.9                             | 31 600                        |
| 20.0                        | 76.5                 | 76.4                             | 27 700                        |
| 22.0                        | 74.9                 | 75.9                             | 24 500                        |
| 24.0                        | 73.4                 | 75.3                             | 21 800                        |
| 26.0                        | 71.8                 | 74.6                             | 19 400                        |
| 28.0                        | 70.2                 | 73.9                             | 17 300                        |
| 30.0                        | 68.6                 | 73.1                             | 15 400                        |
| 32.0                        | 66.9                 | 72.3                             | 13 900                        |
| 34.0                        | 65.3                 | 71.4                             | 12 400                        |
| 36.0                        | 63.6                 | 70.4                             | 11 100                        |
| 38.0                        | 61.9                 | 69.4                             | 10 000                        |
| 40.0                        | 60.2                 | 68.2                             | 8 900                         |
| 42.0                        | 58.4                 | 67.0                             | 8 000                         |
| 44.0                        | 56.6                 | 65.7                             | 7 100                         |
| 46.0                        | 54.8                 | 64.3                             | 6 200                         |
| 48.0                        | 52.9                 | 62.8                             | 5 400                         |
| 50.0                        | 51.0                 | 61.3                             | 4 700                         |
| 52.0                        | 49.0                 | 59.5                             | 4 100                         |
| 54.0                        | 47.0                 | 57.7                             | 3 500                         |
| 56.0                        | 44.9                 | 55.7                             | 2 900                         |
| 58.0                        | 42.7                 | 53.6                             | 2 400                         |

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|-------------------------------|
| <b>79.2m (260 Ft.) Boom</b> |                      |                                  |                               |
| 12.2                        | 82.8                 | 81.0                             | 45 500 *                      |
| 13.0                        | 82.2                 | 80.9                             | 44 400                        |
| 14.0                        | 81.4                 | 80.7                             | 40 900                        |
| 15.0                        | 80.7                 | 80.6                             | 38 000                        |
| 16.0                        | 80.0                 | 80.4                             | 35 300                        |
| 18.0                        | 78.5                 | 80.0                             | 30 700                        |
| 20.0                        | 77.0                 | 79.5                             | 27 000                        |
| 22.0                        | 75.5                 | 79.0                             | 23 800                        |
| 24.0                        | 74.0                 | 78.5                             | 21 100                        |
| 26.0                        | 72.5                 | 77.8                             | 18 800                        |
| 28.0                        | 71.0                 | 77.2                             | 16 700                        |
| 30.0                        | 69.4                 | 76.4                             | 14 900                        |
| 32.0                        | 67.9                 | 75.6                             | 13 300                        |
| 34.0                        | 66.3                 | 74.8                             | 11 900                        |
| 36.0                        | 64.7                 | 73.8                             | 10 700                        |
| 38.0                        | 63.1                 | 72.8                             | 9 500                         |
| 40.0                        | 61.5                 | 71.7                             | 8 500                         |
| 42.0                        | 59.8                 | 70.6                             | 7 500                         |
| 44.0                        | 58.1                 | 69.4                             | 6 700                         |
| 46.0                        | 56.4                 | 68.1                             | 5 900                         |
| 48.0                        | 54.6                 | 66.7                             | 5 200                         |
| 50.0                        | 52.8                 | 65.2                             | 4 400                         |
| 52.0                        | 50.9                 | 63.6                             | 3 700                         |
| 54.0                        | 49.0                 | 61.8                             | 3 200                         |
| 56.0                        | 47.1                 | 60.0                             | 2 600                         |
| 58.0                        | 45.0                 | 58.1                             | 2 100                         |

Capacities based on structural competence are denoted by an asterisk (\*).  
Capacities indicated by (b) require 5 670 kg minimum weight.

# Liftcrane Boom Capacities

 European  
Standards

## 888 SERIES 2

**Boom No. 22EL**
**81 240 kg Crane Counterweight**
**19 960 kg Carbody Counterweight**
**8 585 mm Crawlers Extended**
**Rating Over Front Of Blocked Crawlers**
**No Travel - Limited Swing**

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|-------------------------------|
| <b>82.3m (270 Ft.) Boom</b> |                      |                                  |                               |
| 12.2                        | 83.0                 | 84.1                             | 41 600 *                      |
| 13.0                        | 82.5                 | 84.0                             | 41 100 *                      |
| 14.0                        | 81.8                 | 83.8                             | 39 900                        |
| 15.0                        | 81.1                 | 83.6                             | 37 000                        |
| 16.0                        | 80.3                 | 83.5                             | 34 400                        |
| 18.0                        | 78.9                 | 83.1                             | 30 000                        |
| 20.0                        | 77.5                 | 82.7                             | 26 300                        |
| 22.0                        | 76.1                 | 82.2                             | 23 100                        |
| 24.0                        | 74.6                 | 81.6                             | 20 500                        |
| 26.0                        | 73.2                 | 81.0                             | 18 200                        |
| 28.0                        | 71.7                 | 80.4                             | 16 100                        |
| 30.0                        | 70.2                 | 79.7                             | 14 400                        |
| 32.0                        | 68.7                 | 78.9                             | 12 800                        |
| 34.0                        | 67.2                 | 78.1                             | 11 400                        |
| 36.0                        | 65.7                 | 77.2                             | 10 100                        |
| 38.0                        | 64.2                 | 76.2                             | 9 000                         |
| 40.0                        | 62.6                 | 75.2                             | 8 000                         |
| 42.0                        | 61.0                 | 74.1                             | 7 000                         |
| 44.0                        | 59.4                 | 72.9                             | 6 200                         |
| 46.0                        | 57.8                 | 71.7                             | 5 400                         |
| 48.0                        | 56.1                 | 70.4                             | 4 700                         |
| 50.0                        | 54.4                 | 69.0                             | 4 000                         |
| 52.0                        | 52.6                 | 67.5                             | 3 400                         |
| 54.0                        | 50.9                 | 65.9                             | 2 800                         |
| 56.0                        | 49.0                 | 64.1                             | 2 300                         |

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|-------------------------------|
| <b>85.3m (280 Ft.) Boom</b> |                      |                                  |                               |
| 12.8                        | 82.9                 | 87.1                             | 37 400 *                      |
| 13.0                        | 82.7                 | 87.0                             | 37 300 *                      |
| 14.0                        | 82.1                 | 86.9                             | 36 600 *                      |
| 15.0                        | 81.4                 | 86.7                             | 35 900 *                      |
| 16.0                        | 80.7                 | 86.6                             | 34 400                        |
| 18.0                        | 79.3                 | 86.2                             | 29 500                        |
| 20.0                        | 78.0                 | 85.8                             | 25 900                        |
| 22.0                        | 76.6                 | 85.3                             | 22 800                        |
| 24.0                        | 75.2                 | 84.8                             | 20 200                        |
| 26.0                        | 73.8                 | 84.2                             | 17 900                        |
| 28.0                        | 72.4                 | 83.6                             | 15 900                        |
| 30.0                        | 71.0                 | 82.9                             | 14 200                        |
| 32.0                        | 69.5                 | 82.2                             | 12 600                        |
| 34.0                        | 68.1                 | 81.4                             | 11 200                        |
| 36.0                        | 66.6                 | 80.5                             | 10 000                        |
| 38.0                        | 65.2                 | 79.6                             | 8 900                         |
| 40.0                        | 63.7                 | 78.6                             | 7 800                         |
| 42.0                        | 62.1                 | 77.6                             | 6 900                         |
| 44.0                        | 60.6                 | 76.5                             | 6 100                         |
| 46.0                        | 59.1                 | 75.3                             | 5 300                         |
| 48.0                        | 57.5                 | 74.0                             | 4 500                         |
| 50.0                        | 55.9                 | 72.7                             | 3 900                         |
| 52.0                        | 54.2                 | 71.3                             | 3 300                         |
| 54.0                        | 52.5                 | 69.8                             | 2 700                         |
| 56.0                        | 50.8                 | 68.2                             | 2 200                         |

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|-------------------------------|
| <b>88.4m (290 Ft.) Boom</b> |                      |                                  |                               |
| 13.4                        | 82.7                 | 90.1                             | 32 400 *                      |
| 14.0                        | 82.3                 | 90.0                             | 32 000 *                      |
| 15.0                        | 81.7                 | 89.8                             | 31 400 *                      |
| 16.0                        | 81.0                 | 89.7                             | 30 800 *                      |
| 18.0                        | 79.7                 | 89.3                             | 28 700                        |
| 20.0                        | 78.4                 | 88.9                             | 25 200                        |
| 22.0                        | 77.1                 | 88.4                             | 22 200                        |
| 24.0                        | 75.7                 | 87.9                             | 19 600                        |
| 26.0                        | 74.4                 | 87.4                             | 17 400                        |
| 28.0                        | 73.0                 | 86.8                             | 15 400                        |
| 30.0                        | 71.7                 | 86.1                             | 13 700                        |
| 32.0                        | 70.3                 | 85.4                             | 12 200                        |
| 34.0                        | 68.9                 | 84.7                             | 10 800                        |
| 36.0                        | 67.5                 | 83.9                             | 9 600                         |
| 38.0                        | 66.1                 | 83.0                             | 8 400                         |
| 40.0                        | 64.6                 | 82.0                             | 7 400                         |
| 42.0                        | 63.2                 | 81.0                             | 6 500                         |
| 44.0                        | 61.7                 | 80.0                             | 5 700                         |
| 46.0                        | 60.2                 | 78.8                             | 4 900                         |
| 48.0                        | 58.7                 | 77.6                             | 4 200                         |
| 50.0                        | 57.2                 | 76.4                             | 3 500                         |
| 52.0                        | 55.6                 | 75.0                             | 2 900                         |
| 54.0                        | 54.0                 | 73.6                             | 2 400                         |

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

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