

# Liftcrane Boom Capacities

## 888 SERIES 1

**Boom No. 22E With Open Throat Top**  
**65 360 kg Counterweight**  
**360 Degree Rating**

**European Standards**  
**14 m/s Maximum Wind**

**LIFTING CAPACITIES:** Capacities for various boom lengths and operating radii are for freely suspended loads and are calculated to comply with DIN 15018, ISO 4305 (1.25P + 0.1F), and include factors based on a 4.0 degree tipping angle. Capacities based on structural competence are denoted by an asterisk (\*). Capacities are not shown for boom positions which, without load, provide less than required backward stability.

Upper boom point capacity for liftcrane service with single part whip line or combination of two single part lines is 13 380 kg. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

Weight of all load blocks, hooks, weight ball, slings, etc. beneath boom 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. Refer to boom rigging **No. 176519** and Wire Rope Specification chart **No. 8075-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

Machine may be operated in winds up to 14 m/s provided crane operator judgment is used to allow for wind effect on

lifted load and other considerations noted on capacity chart are followed. A surface area of 1.2m<sup>2</sup>/t of rated load has been included in capacity determination. Wind will have a considerable effect on 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. Recommended stopping operation when wind is above 14 m/s and lowering boom to ground when wind is above 22 m/s.

**MACHINE TRAVEL:** Machine to travel on a firm, level, and uniformly supporting surface and boom within boom angle range shown in capacity chart.

**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 and 65 360 kg counterweight.

Deduct 1 810 kg from capacities  
when boom butt is equipped with  
auxiliary drum.

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| Maximum Boom Lengths Lifted Unassisted<br>Without Auxiliary Drum in Boom Butt                                                                                                                                                                                                                                 |                                  |                                   |                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------|------------------------------------|
| Over Front of<br>Blocked Crawlers                                                                                                                                                                                                                                                                             | Over Rear of<br>Blocked Crawlers | Over Side of<br>Extended Crawlers | Over Side of<br>Retracted Crawlers |
| Boom Length                                                                                                                                                                                                                                                                                                   | Boom Length                      | Boom Length                       | Boom Length                        |
| (a) 79.2m<br>(a) 76.2m<br>73.2m                                                                                                                                                                                                                                                                               | (a) 76.2m<br>73.2m               | 67.1m                             | 64.0m                              |
| Load block, hook and weight ball on ground at start. (a) Upper boom point cannot be used on 79.2m boom and 76.2m boom. Wire rope guide assembly 179061 upper and middle sheaves and shafts or assembly 92671 upper sheave and shaft must be removed on 79.2m boom when lifted over front of blocked crawlers. |                                  |                                   |                                    |

| Maximum Boom Lengths Lifted Unassisted<br>With Auxiliary Drum in Boom Butt                              |                                  |                                   |                                    |
|---------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------|------------------------------------|
| Over Front of<br>Blocked Crawlers                                                                       | Over Rear of<br>Blocked Crawlers | Over Side of<br>Extended Crawlers | Over Side of<br>Retracted Crawlers |
| Boom Length                                                                                             | Boom Length                      | Boom Length                       | Boom Length                        |
| (a) 76.2m<br>73.2m                                                                                      | (a) 76.2m<br>73.2m               | 67.1m                             | 61.0m                              |
| Load block, hook and weight ball on ground at start. (a) Upper boom point cannot be used on 76.2m boom. |                                  |                                   |                                    |

| Oper.<br>Rad.<br>Meters | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Kilograms | Boom<br>Capacity<br>Crawlers<br>Extended<br>Kilograms |
|-------------------------|----------------------|----------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| 21.3m (70 Ft.) BOOM     |                      |                                  |                                                        |                                                       |
| 4.6                     | 81.8                 | 23.6                             |                                                        | 195 700 *                                             |
| 5.0                     | 80.6                 | 23.5                             |                                                        | 180 100 *                                             |
| 5.5                     | 79.3                 | 23.4                             |                                                        | 164 600 *                                             |
| 6.0                     | 77.9                 | 23.3                             |                                                        | 151 200                                               |
| 7.0                     | 75.1                 | 23.1                             |                                                        | 123 700                                               |
| 8.0                     | 72.3                 | 22.8                             |                                                        | 104 000                                               |
| 9.0                     | 69.5                 | 22.4                             |                                                        | 89 500                                                |
| 10.0                    | 66.6                 | 22.0                             |                                                        | 78 400                                                |
| 11.0                    | 63.6                 | 21.6                             |                                                        | 68 400                                                |
| 12.0                    | 60.6                 | 21.0                             |                                                        | 59 900                                                |
| 13.0                    | 57.5                 | 20.4                             |                                                        | 53 300                                                |
| 14.0                    | 54.2                 | 19.8                             | 40 500                                                 | 47 800                                                |
| 15.0                    | 50.8                 | 19.0                             | 36 700                                                 | 43 200                                                |
| 16.0                    | 47.3                 | 18.1                             | 33 500                                                 | 39 300                                                |
| 18.0                    | 39.4                 | 16.0                             | 28 300                                                 | 33 200                                                |
| 20.0                    | 30.0                 | 13.1                             | 24 400                                                 | 28 500                                                |

| Oper.<br>Rad.<br>Meters | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Kilograms | Boom<br>Capacity<br>Crawlers<br>Extended<br>Kilograms |
|-------------------------|----------------------|----------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| 24.4m (80 Ft.) BOOM     |                      |                                  |                                                        |                                                       |
| 5.2                     | 81.4                 | 26.6                             |                                                        | 173 700 *                                             |
| 5.5                     | 80.6                 | 26.5                             |                                                        | 162 400                                               |
| 6.0                     | 79.4                 | 26.4                             |                                                        | 144 800                                               |
| 7.0                     | 77.0                 | 26.2                             |                                                        | 118 700                                               |
| 8.0                     | 74.6                 | 26.0                             |                                                        | 100 300                                               |
| 9.0                     | 72.1                 | 25.7                             |                                                        | 86 500                                                |
| 10.0                    | 69.7                 | 25.3                             |                                                        | 75 900                                                |
| 11.0                    | 67.1                 | 24.9                             |                                                        | 67 500                                                |
| 12.0                    | 64.6                 | 24.5                             |                                                        | 59 800                                                |
| 13.0                    | 61.9                 | 24.0                             | 44 800                                                 | 53 000                                                |
| 14.0                    | 59.2                 | 23.4                             | 40 300                                                 | 47 500                                                |
| 15.0                    | 56.5                 | 22.8                             | 36 500                                                 | 42 900                                                |
| 16.0                    | 53.6                 | 22.1                             | 33 200                                                 | 39 100                                                |
| 18.0                    | 47.5                 | 20.4                             | 28 000                                                 | 32 900                                                |
| 20.0                    | 40.7                 | 18.4                             | 24 000                                                 | 28 200                                                |
| 22.0                    | 32.9                 | 15.7                             | 20 900                                                 | 24 600                                                |
| 24.0                    | 22.8                 | 11.9                             | 18 400                                                 | 21 600                                                |

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

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Kilograms | Boom<br>Capacity<br>Crawlers<br>Extended<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| <b>27.4m (90 Ft.) BOOM</b>  |                      |                                  |                                                        |                                                       |
| 5.5                         | 81.7                 | 29.6                             |                                                        | 154 800                                               |
| 6.0                         | 80.6                 | 29.5                             |                                                        | 138 200                                               |
| 7.0                         | 78.5                 | 29.3                             |                                                        | 114 000                                               |
| 8.0                         | 76.3                 | 29.1                             |                                                        | 96 800                                                |
| 9.0                         | 74.2                 | 28.9                             |                                                        | 83 800                                                |
| 10.0                        | 72.0                 | 28.5                             |                                                        | 73 700                                                |
| 11.0                        | 69.8                 | 28.2                             |                                                        | 65 600                                                |
| 12.0                        | 67.5                 | 27.8                             |                                                        | 59 000                                                |
| 13.0                        | 65.3                 | 27.4                             | 44 600                                                 | 52 900                                                |
| 14.0                        | 62.9                 | 26.9                             | 40 000                                                 | 47 300                                                |
| 15.0                        | 60.6                 | 26.4                             | 36 200                                                 | 42 700                                                |
| 16.0                        | 58.1                 | 25.8                             | 32 900                                                 | 38 800                                                |
| 18.0                        | 53.1                 | 24.4                             | 27 700                                                 | 32 700                                                |
| 20.0                        | 47.7                 | 22.7                             | 23 700                                                 | 27 900                                                |
| 22.0                        | 41.7                 | 20.7                             | 20 600                                                 | 24 300                                                |
| 24.0                        | 35.0                 | 18.2                             | 18 000                                                 | 21 300                                                |
| 26.0                        | 26.8                 | 14.8                             | 15 900                                                 | 18 900                                                |
| <b>30.5m (100 Ft.) BOOM</b> |                      |                                  |                                                        |                                                       |
| 5.8                         | 82.0                 | 32.6                             |                                                        | 138 000                                               |
| 6.0                         | 81.6                 | 32.6                             |                                                        | 132 300                                               |
| 7.0                         | 79.7                 | 32.4                             |                                                        | 109 700                                               |
| 8.0                         | 77.7                 | 32.2                             |                                                        | 93 500                                                |
| 9.0                         | 75.8                 | 32.0                             |                                                        | 81 200                                                |
| 10.0                        | 73.9                 | 31.7                             |                                                        | 71 600                                                |
| 11.0                        | 71.9                 | 31.4                             |                                                        | 63 800                                                |
| 12.0                        | 69.9                 | 31.1                             | 48 500                                                 | 57 400                                                |
| 13.0                        | 67.9                 | 30.7                             | 44 100                                                 | 52 100                                                |
| 14.0                        | 65.8                 | 30.3                             | 39 800                                                 | 47 100                                                |
| 15.0                        | 63.8                 | 29.8                             | 36 000                                                 | 42 500                                                |
| 16.0                        | 61.6                 | 29.3                             | 32 700                                                 | 38 600                                                |
| 18.0                        | 57.3                 | 28.1                             | 27 400                                                 | 32 400                                                |
| 20.0                        | 52.7                 | 26.7                             | 23 400                                                 | 27 700                                                |
| 22.0                        | 47.8                 | 25.0                             | 20 200                                                 | 23 900                                                |
| 24.0                        | 42.5                 | 23.0                             | 17 700                                                 | 21 000                                                |
| 26.0                        | 36.6                 | 20.6                             | 15 600                                                 | 18 500                                                |
| 28.0                        | 29.7                 | 17.6                             | 13 800                                                 | 16 500                                                |
| 30.0                        | 20.9                 | 13.3                             | 12 400                                                 | 14 800                                                |

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Kilograms | Boom<br>Capacity<br>Crawlers<br>Extended<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| <b>33.5m (110 Ft.) BOOM</b> |                      |                                  |                                                        |                                                       |
| 6.7                         | 81.1                 | 35.6                             |                                                        | 111 300                                               |
| 7.0                         | 80.6                 | 35.5                             |                                                        | 106 000                                               |
| 8.0                         | 78.9                 | 35.4                             |                                                        | 90 500                                                |
| 9.0                         | 77.1                 | 35.1                             |                                                        | 78 800                                                |
| 10.0                        | 75.4                 | 34.9                             |                                                        | 69 600                                                |
| 11.0                        | 73.6                 | 34.6                             | 52 300                                                 | 62 100                                                |
| 12.0                        | 71.8                 | 34.3                             | 47 200                                                 | 55 900                                                |
| 13.0                        | 70.0                 | 34.0                             | 43 000                                                 | 50 800                                                |
| 14.0                        | 68.2                 | 33.6                             | 39 300                                                 | 46 400                                                |
| 15.0                        | 66.3                 | 33.2                             | 35 800                                                 | 42 400                                                |
| 16.0                        | 64.4                 | 32.7                             | 32 500                                                 | 38 500                                                |
| 18.0                        | 60.6                 | 31.7                             | 27 300                                                 | 32 200                                                |
| 20.0                        | 56.6                 | 30.4                             | 23 200                                                 | 27 500                                                |
| 22.0                        | 52.4                 | 29.0                             | 20 000                                                 | 23 700                                                |
| 24.0                        | 47.9                 | 27.3                             | 17 400                                                 | 20 700                                                |
| 26.0                        | 43.1                 | 25.4                             | 15 300                                                 | 18 300                                                |
| 28.0                        | 37.8                 | 23.0                             | 13 500                                                 | 16 200                                                |
| 30.0                        | 31.9                 | 20.2                             | 12 000                                                 | 14 500                                                |
| 32.0                        | 24.6                 | 16.4                             | 10 700                                                 | 13 000                                                |
| <b>36.6m (120 Ft.) BOOM</b> |                      |                                  |                                                        |                                                       |
| 6.7                         | 81.9                 | 38.7                             |                                                        | 107 000                                               |
| 7.0                         | 81.4                 | 38.6                             |                                                        | 102 100                                               |
| 8.0                         | 79.8                 | 38.5                             |                                                        | 87 400                                                |
| 9.0                         | 78.2                 | 38.3                             |                                                        | 76 300                                                |
| 10.0                        | 76.6                 | 38.0                             |                                                        | 67 500                                                |
| 11.0                        | 75.0                 | 37.8                             | 50 800                                                 | 60 400                                                |
| 12.0                        | 73.4                 | 37.5                             | 45 900                                                 | 54 400                                                |
| 13.0                        | 71.7                 | 37.2                             | 41 800                                                 | 49 400                                                |
| 14.0                        | 70.1                 | 36.8                             | 38 200                                                 | 45 200                                                |
| 15.0                        | 68.4                 | 36.5                             | 35 100                                                 | 41 500                                                |
| 16.0                        | 66.7                 | 36.0                             | 32 200                                                 | 38 100                                                |
| 18.0                        | 63.2                 | 35.1                             | 27 000                                                 | 32 000                                                |
| 20.0                        | 59.7                 | 34.0                             | 22 900                                                 | 27 200                                                |
| 22.0                        | 56.0                 | 32.8                             | 19 700                                                 | 23 400                                                |
| 24.0                        | 52.1                 | 31.3                             | 17 100                                                 | 20 400                                                |
| 26.0                        | 48.0                 | 29.6                             | 15 000                                                 | 17 900                                                |
| 28.0                        | 43.6                 | 27.7                             | 13 200                                                 | 15 900                                                |
| 30.0                        | 38.9                 | 25.4                             | 11 700                                                 | 14 100                                                |
| 32.0                        | 33.6                 | 22.7                             | 10 400                                                 | 12 700                                                |
| 34.0                        | 27.4                 | 19.3                             | 9 300                                                  | 11 400                                                |
| 36.0                        | 19.5                 | 14.7                             | 8 400                                                  | 10 300                                                |



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

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Kilograms | Boom<br>Capacity<br>Crawlers<br>Extended<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| <b>39.6m (130 Ft.) BOOM</b> |                      |                                  |                                                        |                                                       |
| 7.3                         | 81.6                 | 41.7                             |                                                        | 93 700                                                |
| 8.0                         | 80.6                 | 41.6                             |                                                        | 84 800                                                |
| 9.0                         | 79.1                 | 41.4                             |                                                        | 74 200                                                |
| 10.0                        | 77.6                 | 41.2                             | 55 300                                                 | 65 800                                                |
| 11.0                        | 76.2                 | 40.9                             | 49 600                                                 | 58 900                                                |
| 12.0                        | 74.7                 | 40.7                             | 44 900                                                 | 53 200                                                |
| 13.0                        | 73.2                 | 40.4                             | 40 800                                                 | 48 400                                                |
| 14.0                        | 71.6                 | 40.1                             | 37 400                                                 | 44 300                                                |
| 15.0                        | 70.1                 | 39.7                             | 34 400                                                 | 40 700                                                |
| 16.0                        | 68.6                 | 39.3                             | 31 700                                                 | 37 500                                                |
| 18.0                        | 65.4                 | 38.5                             | 26 900                                                 | 31 900                                                |
| 20.0                        | 62.2                 | 37.5                             | 22 900                                                 | 27 100                                                |
| 22.0                        | 58.9                 | 36.4                             | 19 600                                                 | 23 400                                                |
| 24.0                        | 55.4                 | 35.1                             | 17 000                                                 | 20 300                                                |
| 26.0                        | 51.9                 | 33.6                             | 14 900                                                 | 17 900                                                |
| 28.0                        | 48.1                 | 31.9                             | 13 100                                                 | 15 800                                                |
| 30.0                        | 44.1                 | 30.0                             | 11 500                                                 | 14 000                                                |
| 32.0                        | 39.7                 | 27.8                             | 10 200                                                 | 12 500                                                |
| 34.0                        | 35.0                 | 25.2                             | 9 100                                                  | 11 200                                                |
| 36.0                        | 29.5                 | 22.0                             | 8 100                                                  | 10 100                                                |
| 38.0                        | 23.0                 | 17.9                             | 7 300                                                  | 9 200                                                 |
| <b>42.7m (140 Ft.) BOOM</b> |                      |                                  |                                                        |                                                       |
| 7.9                         | 81.4                 | 44.6                             |                                                        | 83 000                                                |
| 8.0                         | 81.3                 | 44.6                             |                                                        | 82 200                                                |
| 9.0                         | 79.9                 | 44.5                             |                                                        | 72 100                                                |
| 10.0                        | 78.5                 | 44.3                             | 53 800                                                 | 64 000                                                |
| 11.0                        | 77.2                 | 44.1                             | 48 300                                                 | 57 400                                                |
| 12.0                        | 75.8                 | 43.8                             | 43 800                                                 | 51 900                                                |
| 13.0                        | 74.4                 | 43.6                             | 39 800                                                 | 47 200                                                |
| 14.0                        | 73.0                 | 43.3                             | 36 500                                                 | 43 200                                                |
| 15.0                        | 71.6                 | 42.9                             | 33 500                                                 | 39 700                                                |
| 16.0                        | 70.2                 | 42.6                             | 30 900                                                 | 36 700                                                |
| 18.0                        | 67.3                 | 41.8                             | 26 600                                                 | 31 600                                                |
| 20.0                        | 64.3                 | 40.9                             | 22 700                                                 | 26 900                                                |
| 22.0                        | 61.3                 | 39.9                             | 19 500                                                 | 23 200                                                |
| 24.0                        | 58.2                 | 38.7                             | 16 800                                                 | 20 200                                                |
| 26.0                        | 55.0                 | 37.4                             | 14 700                                                 | 17 700                                                |
| 28.0                        | 51.7                 | 35.9                             | 12 800                                                 | 15 600                                                |
| 30.0                        | 48.1                 | 34.2                             | 11 300                                                 | 13 800                                                |
| 32.0                        | 44.4                 | 32.3                             | 10 000                                                 | 12 300                                                |
| 34.0                        | 40.4                 | 30.1                             | 8 900                                                  | 10 900                                                |
| 36.0                        | 36.1                 | 27.6                             | 7 900                                                  | 9 800                                                 |
| 38.0                        | 31.3                 | 24.6                             | 7 000                                                  | 8 800                                                 |
| 40.0                        | 25.6                 | 20.9                             | 6 300                                                  | 8 000                                                 |
| 42.0                        | 18.5                 | 16.0                             | 5 600                                                  | 7 200                                                 |

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Kilograms | Boom<br>Capacity<br>Crawlers<br>Extended<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| <b>45.7m (150 Ft.) BOOM</b> |                      |                                  |                                                        |                                                       |
| 7.9                         | 82.0                 | 47.7                             |                                                        | 80 300                                                |
| 8.0                         | 81.9                 | 47.7                             |                                                        | 79 600                                                |
| 9.0                         | 80.6                 | 47.6                             |                                                        | 69 900                                                |
| 10.0                        | 79.3                 | 47.4                             | 52 200                                                 | 62 200                                                |
| 11.0                        | 78.0                 | 47.2                             | 46 900                                                 | 55 800                                                |
| 12.0                        | 76.8                 | 47.0                             | 42 500                                                 | 50 400                                                |
| 13.0                        | 75.5                 | 46.7                             | 38 700                                                 | 46 000                                                |
| 14.0                        | 74.2                 | 46.4                             | 35 400                                                 | 42 000                                                |
| 15.0                        | 72.9                 | 46.1                             | 32 600                                                 | 38 700                                                |
| 16.0                        | 71.5                 | 45.8                             | 30 000                                                 | 35 700                                                |
| 18.0                        | 68.9                 | 45.1                             | 25 800                                                 | 30 700                                                |
| 20.0                        | 66.2                 | 44.3                             | 22 400                                                 | 26 600                                                |
| 22.0                        | 63.4                 | 43.3                             | 19 100                                                 | 22 800                                                |
| 24.0                        | 60.6                 | 42.3                             | 16 400                                                 | 19 800                                                |
| 26.0                        | 57.6                 | 41.1                             | 14 300                                                 | 17 300                                                |
| 28.0                        | 54.6                 | 39.7                             | 12 500                                                 | 15 200                                                |
| 30.0                        | 51.5                 | 38.2                             | 10 900                                                 | 13 400                                                |
| 32.0                        | 48.2                 | 36.5                             | 9 600                                                  | 11 900                                                |
| 34.0                        | 44.7                 | 34.6                             | 8 400                                                  | 10 500                                                |
| 36.0                        | 41.1                 | 32.5                             | 7 400                                                  | 9 400                                                 |
| 38.0                        | 37.1                 | 30.0                             | 6 600                                                  | 8 400                                                 |
| 40.0                        | 32.7                 | 27.2                             | 5 800                                                  | 7 500                                                 |
| 42.0                        | 27.7                 | 23.7                             | 5 100                                                  | 6 800                                                 |
| 44.0                        | 21.7                 | 19.4                             | 4 500                                                  | 6 100                                                 |
| <b>48.8m (160 Ft.) BOOM</b> |                      |                                  |                                                        |                                                       |
| 8.5                         | 81.7                 | 50.7                             | 60 100                                                 | 71 900                                                |
| 9.0                         | 81.2                 | 50.7                             | 56 900                                                 | 68 000                                                |
| 10.0                        | 80.0                 | 50.5                             | 50 800                                                 | 60 500                                                |
| 11.0                        | 78.8                 | 50.3                             | 45 700                                                 | 54 400                                                |
| 12.0                        | 77.6                 | 50.1                             | 41 400                                                 | 49 200                                                |
| 13.0                        | 76.4                 | 49.9                             | 37 700                                                 | 44 900                                                |
| 14.0                        | 75.2                 | 49.6                             | 34 500                                                 | 41 100                                                |
| 15.0                        | 74.0                 | 49.3                             | 31 800                                                 | 37 800                                                |
| 16.0                        | 72.7                 | 49.0                             | 29 300                                                 | 34 900                                                |
| 18.0                        | 70.3                 | 48.4                             | 25 100                                                 | 30 000                                                |
| 20.0                        | 67.7                 | 47.6                             | 21 800                                                 | 26 100                                                |
| 22.0                        | 65.2                 | 46.7                             | 19 000                                                 | 22 700                                                |
| 24.0                        | 62.6                 | 45.7                             | 16 300                                                 | 19 600                                                |
| 26.0                        | 59.9                 | 44.6                             | 14 100                                                 | 17 100                                                |
| 28.0                        | 57.1                 | 43.4                             | 12 300                                                 | 15 000                                                |
| 30.0                        | 54.3                 | 42.1                             | 10 700                                                 | 13 200                                                |
| 32.0                        | 51.3                 | 40.5                             | 9 400                                                  | 11 700                                                |
| 34.0                        | 48.2                 | 38.8                             | 8 200                                                  | 10 400                                                |
| 36.0                        | 45.0                 | 37.0                             | 7 200                                                  | 9 200                                                 |
| 38.0                        | 41.6                 | 34.8                             | 6 300                                                  | 8 200                                                 |
| 40.0                        | 37.9                 | 32.4                             | 5 500                                                  | 7 300                                                 |
| 42.0                        | 33.9                 | 29.7                             | 4 800                                                  | 6 500                                                 |
| 44.0                        | 29.4                 | 26.4                             | 4 200                                                  | 5 800                                                 |
| 46.0                        | 24.2                 | 22.5                             | 3 700                                                  | 5 200                                                 |

## Liftcrane Boom Capacities

## 888 SERIES 1

Boom No. 22E With Open Throat Top  
65 360 kg Counterweight  
360 Degree Rating

European Standards  
14 m/s Maximum Wind

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

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Kilograms | Boom<br>Capacity<br>Crawlers<br>Extended<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| <b>51.8m (170 Ft.) BOOM</b> |                      |                                  |                                                        |                                                       |
| 9.1                         | 81.5                 | 53.7                             | 54 300                                                 | 64 900                                                |
| 10.0                        | 80.6                 | 53.6                             | 49 400                                                 | 58 900                                                |
| 11.0                        | 79.5                 | 53.4                             | 44 500                                                 | 53 000                                                |
| 12.0                        | 78.3                 | 53.2                             | 40 300                                                 | 48 000                                                |
| 13.0                        | 77.2                 | 53.0                             | 36 700                                                 | 43 700                                                |
| 14.0                        | 76.1                 | 52.8                             | 33 700                                                 | 40 100                                                |
| 15.0                        | 74.9                 | 52.5                             | 30 900                                                 | 36 900                                                |
| 16.0                        | 73.8                 | 52.2                             | 28 500                                                 | 34 000                                                |
| 18.0                        | 71.5                 | 51.6                             | 24 500                                                 | 29 300                                                |
| 20.0                        | 69.1                 | 50.9                             | 21 200                                                 | 25 500                                                |
| 22.0                        | 66.7                 | 50.1                             | 18 500                                                 | 22 300                                                |
| 24.0                        | 64.3                 | 49.1                             | 16 100                                                 | 19 400                                                |
| 26.0                        | 61.8                 | 48.1                             | 13 800                                                 | 16 900                                                |
| 28.0                        | 59.3                 | 47.0                             | 12 000                                                 | 14 800                                                |
| 30.0                        | 56.7                 | 45.7                             | 10 500                                                 | 13 000                                                |
| 32.0                        | 54.0                 | 44.4                             | 9 100                                                  | 11 400                                                |
| 34.0                        | 51.2                 | 42.8                             | 7 900                                                  | 10 100                                                |
| 36.0                        | 48.3                 | 41.1                             | 6 900                                                  | 8 900                                                 |
| 38.0                        | 45.3                 | 39.3                             | 6 100                                                  | 7 900                                                 |
| 40.0                        | 42.1                 | 37.2                             | 5 300                                                  | 7 000                                                 |
| 42.0                        | 38.6                 | 34.8                             | 4 600                                                  | 6 200                                                 |
| 44.0                        | 34.9                 | 32.1                             | 4 000                                                  | 5 500                                                 |
| 46.0                        | 30.9                 | 29.0                             | 3 400                                                  | 4 900                                                 |
| 48.0                        | 26.2                 | 25.4                             | 2 900                                                  | 4 300                                                 |
| 50.0                        | 20.7                 | 20.8                             | 2 500                                                  | 3 800                                                 |
| <b>54.9m (180 Ft.) BOOM</b> |                      |                                  |                                                        |                                                       |
| 9.1                         | 82.0                 | 56.8                             | 52 800                                                 | 63 100                                                |
| 10.0                        | 81.1                 | 56.7                             | 48 100                                                 | 57 300                                                |
| 11.0                        | 80.1                 | 56.5                             | 43 300                                                 | 51 700                                                |
| 12.0                        | 79.0                 | 56.3                             | 39 400                                                 | 46 900                                                |
| 13.0                        | 77.9                 | 56.1                             | 35 900                                                 | 42 700                                                |
| 14.0                        | 76.9                 | 55.9                             | 32 900                                                 | 39 200                                                |
| 15.0                        | 75.8                 | 55.6                             | 30 200                                                 | 36 000                                                |
| 16.0                        | 74.7                 | 55.4                             | 27 900                                                 | 33 300                                                |
| 18.0                        | 72.5                 | 54.8                             | 23 900                                                 | 28 600                                                |
| 20.0                        | 70.3                 | 54.1                             | 20 700                                                 | 24 900                                                |
| 22.0                        | 68.1                 | 53.4                             | 18 000                                                 | 21 800                                                |
| 24.0                        | 65.8                 | 52.5                             | 15 800                                                 | 19 200                                                |
| 26.0                        | 63.5                 | 51.6                             | 13 700                                                 | 16 700                                                |
| 28.0                        | 61.1                 | 50.5                             | 11 800                                                 | 14 600                                                |
| 30.0                        | 58.7                 | 49.4                             | 10 300                                                 | 12 800                                                |

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Kilograms | Boom<br>Capacity<br>Crawlers<br>Extended<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| <b>54.9m (180 Ft.) BOOM</b> |                      |                                  |                                                        |                                                       |
| 32.0                        | 56.3                 | 48.1                             | 8 900                                                  | 11 200                                                |
| 34.0                        | 53.7                 | 46.7                             | 7 800                                                  | 9 900                                                 |
| 36.0                        | 51.1                 | 45.1                             | 6 700                                                  | 8 800                                                 |
| 38.0                        | 48.3                 | 43.4                             | 5 800                                                  | 7 700                                                 |
| 40.0                        | 45.5                 | 41.6                             | 5 100                                                  | 6 800                                                 |
| 42.0                        | 42.5                 | 39.5                             | 4 300                                                  | 6 000                                                 |
| 44.0                        | 39.3                 | 37.2                             | 3 700                                                  | 5 300                                                 |
| 46.0                        | 35.8                 | 34.6                             | 3 100                                                  | 4 600                                                 |
| 48.0                        | 32.1                 | 31.6                             | 2 600                                                  | 4 100                                                 |
| 50.0                        | 27.9                 | 28.2                             | 2 200                                                  | 3 500                                                 |
| 52.0                        | 23.1                 | 24.0                             |                                                        | 3 100                                                 |
| <b>57.9m (190 Ft.) BOOM</b> |                      |                                  |                                                        |                                                       |
| 9.8                         | 81.8                 | 59.8                             | 47 900                                                 | 57 300                                                |
| 10.0                        | 81.6                 | 59.7                             | 46 700                                                 | 55 800                                                |
| 11.0                        | 80.6                 | 59.6                             | 42 100                                                 | 50 300                                                |
| 12.0                        | 79.6                 | 59.4                             | 38 200                                                 | 45 600                                                |
| 13.0                        | 78.6                 | 59.2                             | 34 800                                                 | 41 600                                                |
| 14.0                        | 77.6                 | 59.0                             | 31 900                                                 | 38 100                                                |
| 15.0                        | 76.5                 | 58.8                             | 29 300                                                 | 35 100                                                |
| 16.0                        | 75.5                 | 58.5                             | 27 000                                                 | 32 400                                                |
| 18.0                        | 73.5                 | 58.0                             | 23 200                                                 | 27 800                                                |
| 20.0                        | 71.4                 | 57.3                             | 20 000                                                 | 24 200                                                |
| 22.0                        | 69.3                 | 56.6                             | 17 400                                                 | 21 100                                                |
| 24.0                        | 67.2                 | 55.8                             | 15 200                                                 | 18 600                                                |
| 26.0                        | 65.0                 | 54.9                             | 13 200                                                 | 16 400                                                |
| 28.0                        | 62.8                 | 54.0                             | 11 500                                                 | 14 200                                                |
| 30.0                        | 60.5                 | 52.9                             | 9 900                                                  | 12 400                                                |
| 32.0                        | 58.2                 | 51.7                             | 8 600                                                  | 10 900                                                |
| 34.0                        | 55.9                 | 50.4                             | 7 400                                                  | 9 500                                                 |
| 36.0                        | 53.5                 | 49.0                             | 6 400                                                  | 8 400                                                 |
| 38.0                        | 51.0                 | 47.4                             | 5 500                                                  | 7 300                                                 |
| 40.0                        | 48.4                 | 45.7                             | 4 700                                                  | 6 400                                                 |
| 42.0                        | 45.7                 | 43.9                             | 4 000                                                  | 5 600                                                 |
| 44.0                        | 42.8                 | 41.8                             | 3 300                                                  | 4 900                                                 |
| 46.0                        | 39.8                 | 39.5                             | 2 700                                                  | 4 200                                                 |
| 48.0                        | 36.6                 | 37.0                             | 2 200                                                  | 3 600                                                 |
| 50.0                        | 33.2                 | 34.1                             |                                                        | 3 100                                                 |
| 52.0                        | 29.4                 | 30.8                             |                                                        | 2 600                                                 |
| 54.0                        | 25.0                 | 27.0                             |                                                        | 2 200                                                 |
| 56.0                        | 19.8                 | 22.1                             |                                                        | 1 800                                                 |

# Liftcrane Boom Capacities

## 888 SERIES 1

**Boom No. 22E With Open Throat Top**  
**65 360 kg Counterweight**  
**360 Degree Rating**

**European Standards**  
**14 m/s Maximum Wind**

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

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Kilograms | Boom<br>Capacity<br>Crawlers<br>Extended<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| <b>61.0m (200 Ft.) BOOM</b> |                      |                                  |                                                        |                                                       |
| 10.4                        | 81.7                 | 62.8                             | 43 800                                                 | 52 300                                                |
| 11.0                        | 81.1                 | 62.7                             | 41 100                                                 | 49 000                                                |
| 12.0                        | 80.1                 | 62.5                             | 37 300                                                 | 44 500                                                |
| 13.0                        | 79.1                 | 62.3                             | 34 000                                                 | 40 600                                                |
| 14.0                        | 78.2                 | 62.1                             | 31 200                                                 | 37 300                                                |
| 15.0                        | 77.2                 | 61.9                             | 28 600                                                 | 34 300                                                |
| 16.0                        | 76.3                 | 61.7                             | 26 400                                                 | 31 700                                                |
| 18.0                        | 74.3                 | 61.2                             | 22 600                                                 | 27 200                                                |
| 20.0                        | 72.4                 | 60.6                             | 19 500                                                 | 23 600                                                |
| 22.0                        | 70.4                 | 59.9                             | 16 900                                                 | 20 700                                                |
| 24.0                        | 68.4                 | 59.1                             | 14 800                                                 | 18 100                                                |
| 26.0                        | 66.3                 | 58.3                             | 12 900                                                 | 16 000                                                |
| 28.0                        | 64.3                 | 57.4                             | 11 300                                                 | 14 100                                                |
| 30.0                        | 62.2                 | 56.4                             | 9 800                                                  | 12 300                                                |
| 32.0                        | 60.0                 | 55.3                             | 8 400                                                  | 10 700                                                |
| 34.0                        | 57.8                 | 54.0                             | 7 300                                                  | 9 400                                                 |
| 36.0                        | 55.6                 | 52.7                             | 6 200                                                  | 8 200                                                 |
| 38.0                        | 53.2                 | 51.3                             | 5 300                                                  | 7 200                                                 |
| 40.0                        | 50.9                 | 49.7                             | 4 500                                                  | 6 200                                                 |
| 42.0                        | 48.4                 | 48.0                             | 3 800                                                  | 5 400                                                 |
| 44.0                        | 45.8                 | 46.2                             | 3 100                                                  | 4 700                                                 |
| 46.0                        | 43.1                 | 44.1                             | 2 500                                                  | 4 000                                                 |
| 48.0                        | 40.3                 | 41.9                             | 2 000                                                  | 3 400                                                 |
| 50.0                        | 37.3                 | 39.4                             |                                                        | 2 900                                                 |
| 52.0                        | 34.1                 | 36.6                             |                                                        | 2 400                                                 |
| 54.0                        | 30.6                 | 33.5                             |                                                        | 1 900                                                 |
| <b>64.0m (210 Ft.) BOOM</b> |                      |                                  |                                                        |                                                       |
| 11.0                        | 81.5                 | 65.8                             | 40 000                                                 | 47 900                                                |
| 12.0                        | 80.6                 | 65.6                             | 36 300                                                 | 43 400                                                |
| 13.0                        | 79.7                 | 65.4                             | 33 100                                                 | 39 600                                                |
| 14.0                        | 78.8                 | 65.2                             | 30 300                                                 | 36 300                                                |
| 15.0                        | 77.8                 | 65.0                             | 27 900                                                 | 33 400                                                |
| 16.0                        | 76.9                 | 64.8                             | 25 700                                                 | 30 900                                                |
| 18.0                        | 75.1                 | 64.3                             | 22 000                                                 | 26 500                                                |
| 20.0                        | 73.2                 | 63.7                             | 18 900                                                 | 23 000                                                |
| 22.0                        | 71.3                 | 63.1                             | 16 400                                                 | 20 100                                                |
| 24.0                        | 69.4                 | 62.4                             | 14 200                                                 | 17 600                                                |
| 26.0                        | 67.5                 | 61.6                             | 12 400                                                 | 15 500                                                |
| 28.0                        | 65.6                 | 60.7                             | 10 800                                                 | 13 700                                                |
| 30.0                        | 63.6                 | 59.8                             | 9 400                                                  | 12 000                                                |
| 32.0                        | 61.6                 | 58.7                             | 8 200                                                  | 10 500                                                |

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Kilograms | Boom<br>Capacity<br>Crawlers<br>Extended<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| <b>64.0m (210 Ft.) BOOM</b> |                      |                                  |                                                        |                                                       |
| 34.0                        | 59.5                 | 57.6                             | 7 000                                                  | 9 100                                                 |
| 36.0                        | 57.4                 | 56.4                             | 6 000                                                  | 8 000                                                 |
| 38.0                        | 55.3                 | 55.1                             | 5 000                                                  | 6 900                                                 |
| 40.0                        | 53.1                 | 53.6                             | 4 200                                                  | 6 000                                                 |
| 42.0                        | 50.8                 | 52.0                             | 3 500                                                  | 5 100                                                 |
| 44.0                        | 48.4                 | 50.3                             | 2 800                                                  | 4 400                                                 |
| 46.0                        | 46.0                 | 48.5                             | 2 300                                                  | 3 800                                                 |
| 48.0                        | 43.4                 | 46.5                             |                                                        | 3 100                                                 |
| 50.0                        | 40.8                 | 44.3                             |                                                        | 2 600                                                 |
| 52.0                        | 37.9                 | 41.8                             |                                                        | 2 100                                                 |
| <b>67.1m (220 Ft.) BOOM</b> |                      |                                  |                                                        |                                                       |
| 11.0                        | 81.9                 | 68.8                             | 38 900                                                 | 46 600                                                |
| 12.0                        | 81.0                 | 68.7                             | 35 200                                                 | 42 200                                                |
| 13.0                        | 80.1                 | 68.5                             | 32 200                                                 | 38 500                                                |
| 14.0                        | 79.3                 | 68.3                             | 29 400                                                 | 35 300                                                |
| 15.0                        | 78.4                 | 68.1                             | 27 000                                                 | 32 600                                                |
| 16.0                        | 77.5                 | 67.9                             | 24 900                                                 | 30 000                                                |
| 18.0                        | 75.8                 | 67.5                             | 21 300                                                 | 25 800                                                |
| 20.0                        | 74.0                 | 66.9                             | 18 300                                                 | 22 300                                                |
| 22.0                        | 72.2                 | 66.3                             | 15 800                                                 | 19 500                                                |
| 24.0                        | 70.4                 | 65.6                             | 13 700                                                 | 17 000                                                |
| 26.0                        | 68.6                 | 64.9                             | 11 900                                                 | 14 900                                                |
| 28.0                        | 66.7                 | 64.1                             | 10 300                                                 | 13 200                                                |
| 30.0                        | 64.9                 | 63.2                             | 8 900                                                  | 11 600                                                |
| 32.0                        | 63.0                 | 62.2                             | 7 700                                                  | 10 200                                                |
| 34.0                        | 61.0                 | 61.1                             | 6 600                                                  | 8 800                                                 |
| 36.0                        | 59.1                 | 60.0                             | 5 600                                                  | 7 600                                                 |
| 38.0                        | 57.0                 | 58.7                             | 4 700                                                  | 6 600                                                 |
| 40.0                        | 55.0                 | 57.4                             | 3 900                                                  | 5 700                                                 |
| 42.0                        | 52.9                 | 55.9                             | 3 200                                                  | 4 800                                                 |
| 44.0                        | 50.7                 | 54.3                             | 2 500                                                  | 4 100                                                 |
| 46.0                        | 48.5                 | 52.6                             |                                                        | 3 400                                                 |
| 48.0                        | 46.1                 | 50.8                             |                                                        | 2 800                                                 |
| 50.0                        | 43.7                 | 48.8                             |                                                        | 2 200                                                 |

# Liftcrane Boom Capacities

## 888 SERIES 1

**Boom No. 22E With Open Throat Top**  
**65 360 kg Counterweight**  
**360 Degree Rating**

**European Standards**  
**14 m/s Maximum Wind**

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

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Kilograms | Boom<br>Capacity<br>Crawlers<br>Extended<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| <b>70.1m (230 Ft.) BOOM</b> |                      |                                  |                                                        |                                                       |
| 11.6                        | 81.8                 | 71.8                             | 35 800                                                 | 43 000                                                |
| 12.0                        | 81.4                 | 71.8                             | 34 400                                                 | 41 300                                                |
| 13.0                        | 80.6                 | 71.6                             | 31 400                                                 | 37 700                                                |
| 14.0                        | 79.7                 | 71.4                             | 28 800                                                 | 34 600                                                |
| 15.0                        | 78.9                 | 71.3                             | 26 400                                                 | 31 900                                                |
| 16.0                        | 78.1                 | 71.1                             | 24 300                                                 | 29 400                                                |
| 18.0                        | 76.4                 | 70.6                             | 20 800                                                 | 25 200                                                |
| 20.0                        | 74.7                 | 70.1                             | 17 800                                                 | 21 800                                                |
| 22.0                        | 73.0                 | 69.5                             | 15 400                                                 | 19 000                                                |
| 24.0                        | 71.3                 | 68.9                             | 13 300                                                 | 16 600                                                |
| 26.0                        | 69.6                 | 68.2                             | 11 500                                                 | 14 600                                                |
| 28.0                        | 67.8                 | 67.4                             | 10 000                                                 | 12 800                                                |
| 30.0                        | 66.0                 | 66.5                             | 8 600                                                  | 11 200                                                |
| 32.0                        | 64.2                 | 65.6                             | 7 400                                                  | 9 800                                                 |
| 34.0                        | 62.4                 | 64.6                             | 6 300                                                  | 8 700                                                 |
| 36.0                        | 60.5                 | 63.5                             | 5 400                                                  | 7 500                                                 |
| 38.0                        | 58.6                 | 62.3                             | 4 500                                                  | 6 400                                                 |
| 40.0                        | 56.7                 | 61.1                             | 3 800                                                  | 5 500                                                 |
| 42.0                        | 54.7                 | 59.7                             | 3 000                                                  | 4 700                                                 |
| 44.0                        | 52.7                 | 58.2                             | 2 300                                                  | 3 900                                                 |
| 46.0                        | 50.6                 | 56.6                             |                                                        | 3 300                                                 |
| 48.0                        | 48.5                 | 54.9                             |                                                        | 2 600                                                 |
| 50.0                        | 46.3                 | 53.1                             |                                                        | 2 100                                                 |
| <b>73.2m (240 Ft.) BOOM</b> |                      |                                  |                                                        |                                                       |
| 12.2                        | 81.6                 | 74.8                             | 32 900                                                 | 39 500                                                |
| 13.0                        | 81.0                 | 74.7                             | 30 500                                                 | 36 800                                                |
| 14.0                        | 80.2                 | 74.5                             | 27 900                                                 | 33 700                                                |
| 15.0                        | 79.4                 | 74.4                             | 25 700                                                 | 31 000                                                |
| 16.0                        | 78.6                 | 74.2                             | 23 600                                                 | 28 600                                                |
| 18.0                        | 77.0                 | 73.7                             | 20 100                                                 | 24 600                                                |
| 20.0                        | 75.4                 | 73.2                             | 17 300                                                 | 21 200                                                |
| 22.0                        | 73.7                 | 72.7                             | 14 800                                                 | 18 400                                                |
| 24.0                        | 72.1                 | 72.1                             | 12 800                                                 | 16 100                                                |
| 26.0                        | 70.5                 | 71.4                             | 11 000                                                 | 14 100                                                |
| 28.0                        | 68.8                 | 70.7                             | 9 500                                                  | 12 300                                                |
| 30.0                        | 67.1                 | 69.8                             | 8 200                                                  | 10 800                                                |
| 32.0                        | 65.4                 | 69.0                             | 7 000                                                  | 9 400                                                 |
| 34.0                        | 63.6                 | 68.0                             | 5 900                                                  | 8 200                                                 |
| 36.0                        | 61.9                 | 67.0                             | 5 000                                                  | 7 100                                                 |
| 38.0                        | 60.1                 | 65.9                             | 4 100                                                  | 6 200                                                 |
| 40.0                        | 58.3                 | 64.7                             | 3 300                                                  | 5 200                                                 |
| 42.0                        | 56.4                 | 63.4                             | 2 700                                                  | 4 400                                                 |
| 44.0                        | 54.5                 | 62.0                             | 2 000                                                  | 3 600                                                 |
| 46.0                        | 52.6                 | 60.5                             |                                                        | 2 900                                                 |
| 48.0                        | 50.6                 | 59.0                             |                                                        | 2 300                                                 |

| Oper.<br>Rad.<br>Meters     | Boom<br>Ang.<br>Deg. | Boom<br>Point<br>Elev.<br>Meters | Boom<br>Capacity<br>Crawlers<br>Retracted<br>Kilograms | Boom<br>Capacity<br>Crawlers<br>Extended<br>Kilograms |
|-----------------------------|----------------------|----------------------------------|--------------------------------------------------------|-------------------------------------------------------|
| <b>76.2m (250 Ft.) BOOM</b> |                      |                                  |                                                        |                                                       |
| 12.2                        | 82.0                 | 77.9                             | 32 200                                                 | 38 700                                                |
| 13.0                        | 81.3                 | 77.8                             | 29 900                                                 | 36 000                                                |
| 14.0                        | 80.6                 | 77.6                             | 27 400                                                 | 33 100                                                |
| 15.0                        | 79.8                 | 77.5                             | 25 100                                                 | 30 400                                                |
| 16.0                        | 79.0                 | 77.3                             | 23 100                                                 | 28 100                                                |
| 18.0                        | 77.5                 | 76.9                             | 19 700                                                 | 24 100                                                |
| 20.0                        | 76.0                 | 76.4                             | 16 900                                                 | 20 800                                                |
| 22.0                        | 74.4                 | 75.9                             | 14 500                                                 | 18 100                                                |
| 24.0                        | 72.8                 | 75.3                             | 12 500                                                 | 15 800                                                |
| 26.0                        | 71.3                 | 74.6                             | 10 800                                                 | 13 800                                                |
| 28.0                        | 69.7                 | 73.9                             | 9 300                                                  | 12 000                                                |
| 30.0                        | 68.1                 | 73.1                             | 8 000                                                  | 10 500                                                |
| 32.0                        | 66.4                 | 72.3                             | 6 800                                                  | 9 200                                                 |
| 34.0                        | 64.8                 | 71.4                             | 5 700                                                  | 8 000                                                 |
| 36.0                        | 63.1                 | 70.4                             | 4 800                                                  | 6 900                                                 |
| 38.0                        | 61.4                 | 69.4                             | 3 900                                                  | 6 000                                                 |
| 40.0                        | 59.7                 | 68.2                             | 3 200                                                  | 5 100                                                 |
| 42.0                        | 57.9                 | 67.0                             | 2 500                                                  | 4 300                                                 |
| 44.0                        | 56.1                 | 65.7                             | 1 900                                                  | 3 600                                                 |
| 46.0                        | 54.3                 | 64.3                             |                                                        | 2 900                                                 |
| 48.0                        | 52.4                 | 62.8                             |                                                        | 2 300                                                 |
| <b>79.2m (260 Ft.) BOOM</b> |                      |                                  |                                                        |                                                       |
| 12.8                        | 81.8                 | 80.9                             | 29 500                                                 | 35 600                                                |
| 13.0                        | 81.7                 | 80.9                             | 29 000                                                 | 35 000                                                |
| 14.0                        | 80.9                 | 80.7                             | 26 500                                                 | 32 200                                                |
| 15.0                        | 80.2                 | 80.6                             | 24 400                                                 | 29 600                                                |
| 16.0                        | 79.5                 | 80.4                             | 22 400                                                 | 27 300                                                |
| 18.0                        | 78.0                 | 80.0                             | 19 100                                                 | 23 400                                                |
| 20.0                        | 76.5                 | 79.5                             | 16 300                                                 | 20 200                                                |
| 22.0                        | 75.0                 | 79.0                             | 14 000                                                 | 17 500                                                |
| 24.0                        | 73.5                 | 78.5                             | 12 000                                                 | 15 200                                                |
| 26.0                        | 72.0                 | 77.8                             | 10 300                                                 | 13 200                                                |
| 28.0                        | 70.5                 | 77.2                             | 8 800                                                  | 11 500                                                |
| 30.0                        | 68.9                 | 76.4                             | 7 500                                                  | 10 000                                                |
| 32.0                        | 67.4                 | 75.6                             | 6 300                                                  | 8 700                                                 |
| 34.0                        | 65.8                 | 74.7                             | 5 200                                                  | 7 500                                                 |
| 36.0                        | 64.2                 | 73.8                             | 4 300                                                  | 6 500                                                 |
| 38.0                        | 62.6                 | 72.8                             | 3 500                                                  | 5 500                                                 |
| 40.0                        | 61.0                 | 71.7                             | 2 800                                                  | 4 700                                                 |
| 42.0                        | 59.3                 | 70.6                             | 2 100                                                  | 3 900                                                 |
| 44.0                        | 57.6                 | 69.4                             |                                                        | 3 200                                                 |
| 46.0                        | 55.9                 | 68.1                             |                                                        | 2 500                                                 |