

Liftcrane Boom Capacities

Boom No. 222 With Open Throat Top
12 930 kg Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

222
222EX

LIFTING CAPACITIES: Capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*).

Upper boom point capacity for liftcrane service with single part whip line is 9 070 kg. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

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

OPERATING CONDITIONS: Machine to operate in a level position on a firm uniformly supporting surface with gantry up. Refer to boom rigging No. 193744 or No. 910557 and Wire Rope Specification chart No. 9071-A. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface and boom within boom angle

range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart No. 9143-A.

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

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

MACHINE EQUIPMENT: Machine equipped with 6 807 mm extendible crawlers, 914 mm treads, 4 724 mm retractable gantry, 10 part boom hoist reeving, two 32 mm boom pendants and 12 930 kg counterweight.

| Deduct From Capacities When Jib Is Attached | |
|--|------------|
| Jib Length | Jib No. 10 |
| 9.1m | 770 kg |
| 12.2m | 950 kg |
| 15.2m | 1 170 kg |
| 18.3m | 1 400 kg |

| Maximum Boom and Jib Lengths Lifted Unassisted | | | | | |
|---|------------|-----------------------------------|------------|------------------------------------|------------|
| Over End of Blocked Crawlers | | Over Side of Extended Crawlers | | Over Side of Retracted Crawlers | |
| Boom Length | Jib No. 10 | Boom Length | Jib No. 10 | Boom Length | Jib No. 10 |
| 57.9m | — | 48.8m | — | 42.7m | — |
| 54.9m | — | 45.7m | 9.1m | 39.6m | — |
| 51.8m | 9.1m | 42.7m | 18.3m | 36.6m | 12.2m |
| 48.8m | 18.3m | | | 33.5m | 18.3m |
| Load block, hook and weight ball on ground at start. | | | | | |

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



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| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Crawlers Retracted Kilograms | Boom Capacity Crawlers Extended Kilograms |
|----------------------------|----------------|-------------------------|--|---|
| 12.2m (40 Ft.) Boom | | | | |
| 3.0 | 80.7 | 13.7 | 61 600 | 90 700 * |
| 3.5 | 78.5 | 13.6 | 47 700 | 75 600 * |
| 4.0 | 76.1 | 13.5 | 38 100 | 66 200 |
| 4.5 | 73.7 | 13.3 | 31 600 | 54 400 |
| 5.0 | 71.2 | 13.2 | 27 000 | 44 300 |
| 5.5 | 68.7 | 13.0 | 23 500 | 37 500 |
| 6.0 | 66.1 | 12.8 | 20 800 | 32 400 |
| 7.0 | 60.9 | 12.3 | 16 800 | 25 400 |
| 8.0 | 55.3 | 11.6 | 14 100 | 20 800 |
| 9.0 | 49.3 | 10.8 | 12 000 | 17 600 |
| 10.0 | 42.7 | 9.9 | 10 400 | 15 100 |
| 11.0 | 35.1 | 8.6 | 9 200 | 13 300 |
| 12.0 | 25.7 | 6.8 | 8 200 | 11 800 |
| 15.2m (50 Ft.) Boom | | | | |
| 3.4 | 81.4 | 16.7 | 51 600 | 76 000 * |
| 3.5 | 80.8 | 16.7 | 48 000 | 74 300 * |
| 4.0 | 78.9 | 16.6 | 38 100 | 66 100 |
| 4.5 | 77.0 | 16.5 | 31 600 | 54 500 |
| 5.0 | 75.1 | 16.4 | 27 000 | 44 300 |
| 5.5 | 73.1 | 16.2 | 23 500 | 37 500 |
| 6.0 | 71.1 | 16.0 | 20 700 | 32 400 |
| 7.0 | 67.1 | 15.7 | 16 800 | 25 400 |
| 8.0 | 62.9 | 15.2 | 14 000 | 20 800 |
| 9.0 | 58.6 | 14.6 | 11 900 | 17 500 |
| 10.0 | 54.1 | 13.9 | 10 400 | 15 100 |
| 11.0 | 49.2 | 13.1 | 9 100 | 13 200 |
| 12.0 | 44.0 | 12.2 | 8 100 | 11 700 |
| 14.0 | 31.6 | 9.6 | 6 600 | 9 500 |
| 18.3m (60 Ft.) Boom | | | | |
| 3.7 | 81.9 | 19.8 | 44 200 | 68 000 * |
| 4.0 | 80.8 | 19.7 | 38 000 | 66 100 |
| 4.5 | 79.2 | 19.6 | 31 600 | 54 600 |
| 5.0 | 77.6 | 19.5 | 26 900 | 44 300 |
| 5.5 | 76.0 | 19.4 | 23 400 | 37 400 |
| 6.0 | 74.4 | 19.2 | 20 700 | 32 400 |
| 7.0 | 71.1 | 18.9 | 16 700 | 25 300 |
| 8.0 | 67.7 | 18.5 | 13 900 | 20 700 |
| 9.0 | 64.3 | 18.1 | 11 900 | 17 500 |
| 10.0 | 60.7 | 17.6 | 10 300 | 15 000 |
| 11.0 | 57.1 | 17.0 | 9 000 | 13 100 |
| 12.0 | 53.2 | 16.2 | 8 000 | 11 700 |
| 14.0 | 44.9 | 14.5 | 6 500 | 9 400 |
| 16.0 | 35.1 | 12.1 | 5 400 | 7 800 |
| 18.0 | 21.7 | 8.3 | 4 500 | 6 600 |

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Crawlers Retracted Kilograms | Boom Capacity Crawlers Extended Kilograms |
|----------------------------|----------------|-------------------------|--|---|
| 21.3m (70 Ft.) Boom | | | | |
| 4.3 | 81.4 | 22.7 | 34 300 | 60 000 * |
| 4.5 | 80.8 | 22.7 | 31 600 | 54 300 |
| 5.0 | 79.4 | 22.6 | 26 900 | 44 300 |
| 5.5 | 78.0 | 22.5 | 23 400 | 37 400 |
| 6.0 | 76.6 | 22.4 | 20 600 | 32 300 |
| 7.0 | 73.9 | 22.1 | 16 600 | 25 300 |
| 8.0 | 71.0 | 21.8 | 13 800 | 20 700 |
| 9.0 | 68.2 | 21.4 | 11 800 | 17 400 |
| 10.0 | 65.2 | 21.0 | 10 200 | 15 000 |
| 11.0 | 62.2 | 20.5 | 9 000 | 13 100 |
| 12.0 | 59.2 | 19.9 | 8 000 | 11 600 |
| 14.0 | 52.6 | 18.6 | 6 400 | 9 400 |
| 16.0 | 45.5 | 16.8 | 5 300 | 7 800 |
| 18.0 | 37.3 | 14.5 | 4 500 | 6 600 |
| 20.0 | 27.2 | 11.3 | 3 800 | 5 700 |
| 24.4m (80 Ft.) Boom | | | | |
| 4.6 | 81.8 | 25.8 | 30 700 | 52 600 |
| 5.0 | 80.7 | 25.7 | 26 800 | 44 300 |
| 5.5 | 79.5 | 25.6 | 23 300 | 37 400 |
| 6.0 | 78.3 | 25.5 | 20 500 | 32 300 |
| 7.0 | 75.9 | 25.3 | 16 500 | 25 200 |
| 8.0 | 73.5 | 25.0 | 13 700 | 20 600 |
| 9.0 | 71.0 | 24.7 | 11 700 | 17 300 |
| 10.0 | 68.5 | 24.3 | 10 100 | 14 900 |
| 11.0 | 66.0 | 23.9 | 8 900 | 13 000 |
| 12.0 | 63.4 | 23.4 | 7 900 | 11 500 |
| 14.0 | 57.9 | 22.3 | 6 300 | 9 300 |
| 16.0 | 52.2 | 20.9 | 5 200 | 7 700 |
| 18.0 | 45.9 | 19.1 | 4 400 | 6 500 |
| 20.0 | 38.9 | 16.9 | 3 700 | 5 500 |
| 22.0 | 30.6 | 14.0 | 3 200 | 4 800 |
| 24.0 | 19.4 | 9.7 | 2 700 | 4 200 |

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| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Crawlers Retracted Kilograms | Boom Capacity Crawlers Extended Kilograms |
|-----------------------------|----------------|-------------------------|--|---|
| 27.4m (90 Ft.) Boom | | | | |
| 4.9 | 82.0 | 28.8 | 27 800 | 46 400 |
| 5.0 | 81.8 | 28.8 | 26 800 | 44 400 |
| 5.5 | 80.7 | 28.7 | 23 200 | 37 400 |
| 6.0 | 79.7 | 28.6 | 20 500 | 32 200 |
| 7.0 | 77.5 | 28.4 | 16 400 | 25 200 |
| 8.0 | 75.4 | 28.2 | 13 700 | 20 600 |
| 9.0 | 73.2 | 27.9 | 11 600 | 17 300 |
| 10.0 | 71.0 | 27.6 | 10 000 | 14 800 |
| 11.0 | 68.8 | 27.2 | 8 800 | 13 000 |
| 12.0 | 66.5 | 26.8 | 7 800 | 11 500 |
| 14.0 | 61.9 | 25.8 | 6 200 | 9 200 |
| 16.0 | 57.0 | 24.6 | 5 100 | 7 600 |
| 18.0 | 51.8 | 23.2 | 4 300 | 6 400 |
| 20.0 | 46.3 | 21.4 | 3 700 | 5 500 |
| 22.0 | 40.2 | 19.3 | 3 100 | 4 800 |
| 24.0 | 33.1 | 16.6 | 2 700 | 4 100 |
| 26.0 | 24.4 | 12.9 | 2 300 | 3 600 |
| 30.5m (100 Ft.) Boom | | | | |
| 5.5 | 81.7 | 31.8 | 23 300 | 37 500 |
| 6.0 | 80.7 | 31.7 | 20 400 | 32 200 |
| 7.0 | 78.8 | 31.5 | 16 400 | 25 100 |
| 8.0 | 76.9 | 31.3 | 13 600 | 20 500 |
| 9.0 | 74.9 | 31.1 | 11 500 | 17 200 |
| 10.0 | 73.0 | 30.8 | 10 000 | 14 800 |
| 11.0 | 71.0 | 30.4 | 8 800 | 12 900 |
| 12.0 | 69.0 | 30.1 | 7 700 | 11 400 |
| 14.0 | 64.9 | 29.2 | 6 200 | 9 200 |
| 16.0 | 60.7 | 28.2 | 5 100 | 7 600 |
| 18.0 | 56.2 | 26.9 | 4 200 | 6 400 |
| 20.0 | 51.6 | 25.5 | 3 600 | 5 400 |
| 22.0 | 46.6 | 23.7 | 3 100 | 4 700 |
| 24.0 | 41.1 | 21.6 | 2 600 | 4 100 |
| 26.0 | 35.0 | 19.1 | 2 200 | 3 600 |
| 28.0 | 27.7 | 15.7 | 1 900 | 3 100 |
| 30.0 | 17.9 | 10.9 | 1 600 | 2 800 |

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Crawlers Retracted Kilograms | Boom Capacity Crawlers Extended Kilograms |
|-----------------------------|----------------|-------------------------|--|---|
| 33.5m (110 Ft.) Boom | | | | |
| 5.8 | 81.9 | 34.8 | 21 400 | 34 200 |
| 6.0 | 81.6 | 34.8 | 20 300 | 32 200 |
| 7.0 | 79.8 | 34.6 | 16 300 | 25 100 |
| 8.0 | 78.1 | 34.4 | 13 500 | 20 400 |
| 9.0 | 76.3 | 34.2 | 11 400 | 17 200 |
| 10.0 | 74.6 | 34.0 | 9 900 | 14 700 |
| 11.0 | 72.8 | 33.7 | 8 700 | 12 800 |
| 12.0 | 71.0 | 33.3 | 7 600 | 11 300 |
| 14.0 | 67.3 | 32.6 | 6 100 | 9 100 |
| 16.0 | 63.5 | 31.6 | 5 000 | 7 500 |
| 18.0 | 59.7 | 30.5 | 4 100 | 6 300 |
| 20.0 | 55.6 | 29.3 | 3 500 | 5 400 |
| 22.0 | 51.3 | 27.8 | 3 000 | 4 600 |
| 24.0 | 46.8 | 26.0 | 2 500 | 4 000 |
| 26.0 | 41.9 | 24.0 | 2 200 | 3 500 |
| 28.0 | 36.5 | 21.5 | 1 800 | 3 100 |
| 30.0 | 30.2 | 18.4 | 1 500 | 2 700 |
| 32.0 | 22.4 | 14.4 | 1 300 | 2 400 |
| 36.6m (120 Ft.) Boom | | | | |
| 6.7 | 81.1 | 37.8 | 17 300 | 26 800 |
| 7.0 | 80.7 | 37.7 | 16 300 | 25 100 |
| 8.0 | 79.1 | 37.6 | 13 400 | 20 400 |
| 9.0 | 77.5 | 37.3 | 11 400 | 17 100 |
| 10.0 | 75.9 | 37.1 | 9 800 | 14 600 |
| 11.0 | 74.3 | 36.8 | 8 500 | 12 700 |
| 12.0 | 72.6 | 36.5 | 7 600 | 11 200 |
| 14.0 | 69.3 | 35.8 | 6 000 | 9 000 |
| 16.0 | 65.9 | 35.0 | 4 900 | 7 400 |
| 18.0 | 62.4 | 34.0 | 4 000 | 6 200 |
| 20.0 | 58.8 | 32.9 | 3 400 | 5 200 |
| 22.0 | 55.1 | 31.6 | 2 800 | 4 500 |
| 24.0 | 51.1 | 30.1 | 2 400 | 3 900 |
| 26.0 | 47.0 | 28.3 | 2 000 | 3 400 |
| 28.0 | 42.5 | 26.3 | 1 700 | 3 000 |
| 30.0 | 37.6 | 23.9 | 1 400 | 2 600 |
| 32.0 | 32.1 | 21.0 | | 2 300 |
| 34.0 | 25.6 | 17.4 | | 2 000 |
| 36.0 | 16.9 | 12.2 | | 1 700 |



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|-----------------------------|----------------|-------------------------|--|---|
| 39.6m (130 Ft.) Boom | | | | |
| 6.7 | 81.8 | 40.9 | 17 200 | 26 700 |
| 7.0 | 81.4 | 40.8 | 16 200 | 25 100 |
| 8.0 | 79.9 | 40.7 | 13 300 | 20 300 |
| 9.0 | 78.5 | 40.5 | 11 300 | 17 000 |
| 10.0 | 77.0 | 40.2 | 9 700 | 14 600 |
| 11.0 | 75.5 | 40.0 | 8 400 | 12 600 |
| 12.0 | 74.0 | 39.7 | 7 500 | 11 100 |
| 14.0 | 71.0 | 39.1 | 5 900 | 8 900 |
| 16.0 | 67.9 | 38.3 | 4 800 | 7 300 |
| 18.0 | 64.7 | 37.4 | 4 000 | 6 100 |
| 20.0 | 61.5 | 36.4 | 3 300 | 5 100 |
| 22.0 | 58.1 | 35.2 | 2 700 | 4 400 |
| 24.0 | 54.6 | 33.9 | 2 300 | 3 800 |
| 26.0 | 51.0 | 32.4 | 1 900 | 3 300 |
| 28.0 | 47.1 | 30.6 | 1 600 | 2 900 |
| 30.0 | 43.0 | 28.6 | | 2 500 |
| 32.0 | 38.6 | 26.3 | | 2 200 |
| 34.0 | 33.7 | 23.5 | | 1 900 |
| 36.0 | 28.0 | 20.2 | | 1 700 |
| 38.0 | 21.0 | 15.8 | | 1 400 |
| 42.7m (140 Ft.) Boom | | | | |
| 7.3 | 81.6 | 43.9 | 15 100 | 23 300 |
| 8.0 | 80.7 | 43.8 | 13 300 | 20 200 |
| 9.0 | 79.3 | 43.6 | 11 200 | 16 900 |
| 10.0 | 77.9 | 43.4 | 9 600 | 14 500 |
| 11.0 | 76.5 | 43.1 | 8 400 | 12 600 |
| 12.0 | 75.2 | 42.9 | 7 400 | 11 100 |
| 14.0 | 72.4 | 42.3 | 5 800 | 8 800 |
| 16.0 | 69.5 | 41.6 | 4 700 | 7 200 |
| 18.0 | 66.6 | 40.8 | 3 900 | 6 000 |
| 20.0 | 63.7 | 39.9 | 3 200 | 5 100 |
| 22.0 | 60.6 | 38.8 | 2 700 | 4 300 |
| 24.0 | 57.5 | 37.6 | 2 200 | 3 700 |
| 26.0 | 54.2 | 36.2 | 1 800 | 3 200 |
| 28.0 | 50.8 | 34.7 | 1 500 | 2 800 |
| 30.0 | 47.3 | 32.9 | | 2 400 |
| 32.0 | 43.5 | 31.0 | | 2 100 |
| 34.0 | 39.4 | 28.7 | | 1 800 |
| 36.0 | 35.0 | 26.0 | | 1 600 |
| 38.0 | 29.9 | 22.9 | | 1 400 |

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Crawlers Retracted Kilograms | Boom Capacity Crawlers Extended Kilograms |
|-----------------------------|----------------|-------------------------|--|---|
| 45.7m (150 Ft.) Boom | | | | |
| 7.9 | 81.4 | 46.9 | 13 400 | 20 500 |
| 8.0 | 81.3 | 46.8 | 13 200 | 20 200 |
| 9.0 | 80.0 | 46.7 | 11 100 | 16 900 |
| 10.0 | 78.7 | 46.5 | 9 500 | 14 400 |
| 11.0 | 77.5 | 46.3 | 8 300 | 12 500 |
| 12.0 | 76.2 | 46.0 | 7 300 | 11 000 |
| 14.0 | 73.6 | 45.5 | 5 700 | 8 700 |
| 16.0 | 70.9 | 44.8 | 4 600 | 7 100 |
| 18.0 | 68.3 | 44.1 | 3 800 | 5 900 |
| 20.0 | 65.5 | 43.2 | 3 100 | 5 000 |
| 22.0 | 62.7 | 42.3 | 2 500 | 4 200 |
| 24.0 | 59.9 | 41.2 | 2 100 | 3 600 |
| 26.0 | 56.9 | 39.9 | 1 700 | 3 100 |
| 28.0 | 53.9 | 38.5 | 1 500 | 2 700 |
| 30.0 | 50.7 | 37.0 | | 2 300 |
| 32.0 | 47.4 | 35.2 | | 2 000 |
| 34.0 | 43.9 | 33.3 | | 1 700 |
| 36.0 | 40.1 | 31.0 | | 1 500 |
| 48.8m (160 Ft.) Boom | | | | |
| 7.9 | 81.9 | 49.9 | 13 300 | 20 000 * |
| 8.0 | 81.8 | 49.9 | 13 100 | 19 800 |
| 9.0 | 80.6 | 49.8 | 11 000 | 16 800 |
| 10.0 | 79.5 | 49.6 | 9 400 | 14 300 |
| 11.0 | 78.3 | 49.4 | 8 200 | 12 400 |
| 12.0 | 77.1 | 49.2 | 7 200 | 10 900 |
| 14.0 | 74.6 | 48.7 | 5 600 | 8 600 |
| 16.0 | 72.2 | 48.1 | 4 500 | 7 000 |
| 18.0 | 69.7 | 47.4 | 3 600 | 5 800 |
| 20.0 | 67.2 | 46.6 | 3 000 | 4 900 |
| 22.0 | 64.6 | 45.7 | 2 500 | 4 100 |
| 24.0 | 61.9 | 44.6 | 2 000 | 3 500 |
| 26.0 | 59.2 | 43.5 | 1 700 | 3 000 |
| 28.0 | 56.5 | 42.3 | | 2 600 |
| 30.0 | 53.6 | 40.8 | | 2 200 |
| 32.0 | 50.6 | 39.3 | | 1 900 |
| 34.0 | 47.5 | 37.5 | | 1 600 |
| 36.0 | 44.2 | 35.6 | | 1 400 |

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360 Degree Rating

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| <p>Meets ANSI B30.5 Requirements</p> |
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| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Crawlers Retracted Kilograms | Boom Capacity Crawlers Extended Kilograms |
|-----------------------------|----------------|-------------------------|--|---|
| 51.8m (170 Ft.) Boom | | | | |
| 8.5 | 81.7 | 52.9 | 11 800 | 17 100 * |
| 9.0 | 81.2 | 52.9 | 10 900 | 16 500 |
| 10.0 | 80.1 | 52.7 | 9 300 | 14 200 |
| 11.0 | 79.0 | 52.5 | 8 100 | 12 300 |
| 12.0 | 77.8 | 52.3 | 7 100 | 10 800 |
| 14.0 | 75.6 | 51.8 | 5 500 | 8 500 |
| 16.0 | 73.3 | 51.3 | 4 400 | 6 900 |
| 18.0 | 70.9 | 50.6 | 3 600 | 5 700 |
| 20.0 | 68.6 | 49.9 | 2 900 | 4 800 |
| 22.0 | 66.2 | 49.0 | 2 400 | 4 000 |
| 24.0 | 63.7 | 48.1 | 1 900 | 3 400 |
| 26.0 | 61.2 | 47.0 | 1 500 | 2 900 |
| 28.0 | 58.7 | 45.9 | | 2 500 |
| 30.0 | 56.0 | 44.6 | | 2 100 |
| 32.0 | 53.3 | 43.2 | | 1 800 |
| 34.0 | 50.5 | 41.6 | | 1 500 |
| 54.9m (180 Ft.) Boom | | | | |
| 9.1 | 81.5 | 55.9 | 10 600 | 14 800 * |
| 10.0 | 80.6 | 55.8 | 9 200 | 14 300 |
| 11.0 | 79.6 | 55.6 | 8 000 | 12 200 |
| 12.0 | 78.5 | 55.4 | 7 000 | 10 700 |
| 14.0 | 76.4 | 55.0 | 5 400 | 8 500 |
| 16.0 | 74.2 | 54.4 | 4 300 | 6 800 |
| 18.0 | 72.0 | 53.8 | 3 500 | 5 600 |
| 20.0 | 69.8 | 53.1 | 2 800 | 4 700 |
| 22.0 | 67.6 | 52.3 | 2 300 | 3 900 |
| 24.0 | 65.3 | 51.5 | 1 800 | 3 300 |
| 26.0 | 63.0 | 50.5 | | 2 800 |
| 28.0 | 60.6 | 49.4 | | 2 400 |
| 30.0 | 58.2 | 48.2 | | 2 000 |
| 32.0 | 55.7 | 46.9 | | 1 700 |
| 34.0 | 53.1 | 45.5 | | 1 400 |

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Crawlers Retracted Kilograms | Boom Capacity Crawlers Extended Kilograms |
|-----------------------------|----------------|-------------------------|--|---|
| 57.9m (190 Ft.) Boom | | | | |
| 9.1 | 82.0 | 59.0 | 10 500 | 13 000 * |
| 10.0 | 81.1 | 58.9 | 9 200 | 12 800 * |
| 11.0 | 80.1 | 58.7 | 7 900 | 12 200 |
| 12.0 | 79.1 | 58.5 | 6 900 | 10 600 |
| 14.0 | 77.1 | 58.1 | 5 300 | 8 300 |
| 16.0 | 75.1 | 57.6 | 4 200 | 6 700 |
| 18.0 | 73.0 | 57.0 | 3 400 | 5 500 |
| 20.0 | 70.9 | 56.4 | 2 700 | 4 600 |
| 22.0 | 68.8 | 55.6 | 2 100 | 3 800 |
| 24.0 | 66.7 | 54.8 | 1 700 | 3 200 |
| 26.0 | 64.5 | 53.9 | | 2 700 |
| 28.0 | 62.3 | 52.9 | | 2 300 |
| 30.0 | 60.0 | 51.8 | | 1 900 |
| 32.0 | 57.7 | 50.6 | | 1 600 |