



Liftcrane Boom Capacities

Boom No. 49A-44 With Heavy Lift Top
76 750 kg (2250) Crane Counterweight
or 75 750 kg (M-250) Crane Counterweight
27 220 kg Carbody Counterweight
102 060 kg Wheeled Counterweight
Rating Over Front of Blocked Crawlers
No Travel - Limited Swing

Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250
or M-250

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

Wheeled counterweight must be attached to support beam and MAX-ER mode must be selected to operate. Swing requires proper position of counterweight wheels when contacting ground. Lower boom to ground before removing wheeled counterweight.

Upper boom point capacity for liftcrane service with single part whip line is 13 610 kg or 27 220 kg with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacities.

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 and mast up and front tumbler properly blocked so that centerline of idler tumbler becomes tipping fulcrum. Travel drive must be to rear of machine. Swing is limited to that sector shown on Operating Range Diagram **No. 7582-A** or **No. 8029-A**. Refer to boom rigging **No. 175604** or **No. 192107**, Wire Rope Specification chart **No. 7581-D** and Counterweight Arrangement chart **No. 7692-A** or **No. 8026-A**. Crane operator

judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

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 MAX-ER 225, 9 373 mm crawlers, 1 219 mm treads, 8 534 mm retractable gantry, 39.6m mast, 8 part boom hoist reeving, four 38 mm boom pendants or boom support straps, 76 750 kg (2250) crane counterweight or 75 750 kg (M-250) crane counterweight, two 13 610 kg carbody counterweights and 102 060 kg wheeled counterweight.

WARNING: Check amount of wheeled counterweight on machine before use of this chart. Refer to Counterweight Assembly.

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

| Maximum Boom and Jib Lengths Lifted Unassisted Over Front of Blocked Crawlers | |
|---|-------------|
| Boom Length | Jib No. 132 |
| 103.6m | --- |
| 103.6m | 36.6m |
| Load block, hook and weight ball on ground at start. | |

| Deduct From Capacities When Jib Is Attached | |
|---|-------------|
| Jib Length | Jib No. 132 |
| 12.2m | 2 900 kg |
| 18.3m | 3 720 kg |
| 24.4m | 4 670 kg |
| 30.5m | 5 810 kg |
| 36.6m | 6 940 kg |



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Meets
ANSI B30.5
Requirements

MAX-ER 225 On 2250 or M-250

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-----------------------------|----------------|-------------------------|-------------------------|
| 42.7m (140 Ft.) BOOM | | | |
| 7.9 | 82.7 | 45.3 | 226 700 * |
| 8.0 | 82.6 | 45.3 | 226 700 * |
| 8.5 | 82.0 | 45.2 | 226 300 * |
| 9.0 | 81.3 | 45.1 | 225 900 * |
| 10.0 | 79.9 | 44.9 | 223 400 * |
| 11.0 | 78.5 | 44.7 | 206 100 * |
| 12.0 | 77.2 | 44.5 | 188 900 * |
| 13.0 | 75.8 | 44.2 | 174 300 * |
| 14.0 | 74.4 | 43.9 | 161 700 * |
| 15.0 | 73.0 | 43.6 | 150 700 * |
| 16.0 | 71.5 | 43.2 | 141 000 * |
| 18.0 | 68.7 | 42.5 | 124 700 * |
| 20.0 | 65.7 | 41.6 | 111 600 * |
| 22.0 | 62.7 | 40.6 | 100 800 * |
| 24.0 | 59.6 | 39.4 | 91 700 * |
| 26.0 | 56.4 | 38.1 | 84 100 * |
| 28.0 | 53.1 | 36.6 | 77 400 * |
| 30.0 | 49.6 | 35.0 | 71 700 * |
| 32.0 | 45.9 | 33.1 | 66 600 * |
| 34.0 | 41.9 | 30.9 | 61 900 * |
| 36.0 | 37.6 | 28.4 | 56 700 * |
| 38.0 | 32.8 | 25.4 | 52 100 * |
| 48.8m (160 Ft.) BOOM | | | |
| 8.5 | 82.9 | 51.3 | 225 800 * |
| 9.0 | 82.4 | 51.3 | 225 500 * |
| 10.0 | 81.2 | 51.1 | 222 900 * |
| 11.0 | 80.0 | 50.9 | 205 600 * |
| 12.0 | 78.8 | 50.7 | 188 500 * |
| 13.0 | 77.6 | 50.5 | 173 800 * |
| 14.0 | 76.4 | 50.2 | 161 300 * |
| 15.0 | 75.2 | 50.0 | 150 200 * |
| 16.0 | 73.9 | 49.7 | 140 600 * |
| 18.0 | 71.5 | 49.0 | 124 300 * |
| 20.0 | 68.9 | 48.2 | 111 200 * |
| 22.0 | 66.4 | 47.4 | 100 400 * |
| 24.0 | 63.8 | 46.4 | 91 400 * |
| 26.0 | 61.1 | 45.3 | 83 700 * |
| 28.0 | 58.3 | 44.1 | 77 100 * |
| 30.0 | 55.5 | 42.7 | 71 300 * |
| 32.0 | 52.6 | 41.2 | 66 300 * |
| 34.0 | 49.5 | 39.5 | 61 800 * |
| 36.0 | 46.3 | 37.7 | 57 800 * |
| 38.0 | 42.9 | 35.6 | 54 200 * |
| 40.0 | 39.2 | 33.2 | 50 500 * |
| 42.0 | 35.2 | 30.4 | 46 700 * |
| 44.0 | 30.8 | 27.2 | 43 100 * |

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-----------------------------|----------------|-------------------------|-------------------------|
| 54.9m (180 Ft.) BOOM | | | |
| 9.8 | 82.4 | 57.3 | 224 500 * |
| 10.0 | 82.2 | 57.3 | 221 400 * |
| 11.0 | 81.1 | 57.1 | 204 200 * |
| 12.0 | 80.1 | 56.9 | 187 100 * |
| 13.0 | 79.0 | 56.7 | 172 500 * |
| 14.0 | 77.9 | 56.5 | 159 900 * |
| 15.0 | 76.8 | 56.3 | 148 900 * |
| 16.0 | 75.8 | 56.0 | 139 200 * |
| 18.0 | 73.6 | 55.4 | 122 900 * |
| 20.0 | 71.4 | 54.8 | 109 800 * |
| 22.0 | 69.2 | 54.0 | 99 000 * |
| 24.0 | 66.9 | 53.2 | 90 000 * |
| 26.0 | 64.6 | 52.2 | 82 300 * |
| 28.0 | 62.2 | 51.2 | 75 700 * |
| 30.0 | 59.8 | 50.0 | 69 900 * |
| 32.0 | 57.3 | 48.8 | 64 900 * |
| 34.0 | 54.8 | 47.4 | 60 400 * |
| 36.0 | 52.2 | 45.8 | 56 400 * |
| 38.0 | 49.4 | 44.1 | 52 800 * |
| 40.0 | 46.6 | 42.3 | 49 600 * |
| 42.0 | 43.6 | 40.2 | 46 600 * |
| 44.0 | 40.4 | 37.9 | 43 600 * |
| 46.0 | 37.0 | 35.4 | 40 400 * |
| 48.0 | 33.3 | 32.4 | 37 400 * |
| 50.0 | 29.1 | 29.0 | 34 600 * |
| 61.0m (200 Ft.) BOOM | | | |
| 10.4 | 82.6 | 63.4 | 216 400 * |
| 11.0 | 82.0 | 63.3 | 203 900 * |
| 12.0 | 81.1 | 63.1 | 186 800 * |
| 13.0 | 80.1 | 62.9 | 172 200 * |
| 14.0 | 79.1 | 62.8 | 159 600 * |
| 15.0 | 78.2 | 62.5 | 148 600 * |
| 16.0 | 77.2 | 62.3 | 138 900 * |
| 18.0 | 75.3 | 61.8 | 122 600 * |
| 20.0 | 73.3 | 61.2 | 109 500 * |
| 22.0 | 71.3 | 60.5 | 98 700 * |
| 24.0 | 69.3 | 59.8 | 89 600 * |
| 26.0 | 67.3 | 58.9 | 81 900 * |
| 28.0 | 65.2 | 58.0 | 75 300 * |
| 30.0 | 63.1 | 57.0 | 69 600 * |
| 32.0 | 61.0 | 55.9 | 64 500 * |
| 34.0 | 58.8 | 54.7 | 60 000 * |
| 36.0 | 56.5 | 53.4 | 56 000 * |

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-----------------------------|----------------|-------------------------|-------------------------|
| 61.0m (200 Ft.) BOOM | | | |
| 38.0 | 54.2 | 52.0 | 52 500 * |
| 40.0 | 51.9 | 50.4 | 49 200 * |
| 42.0 | 49.4 | 48.7 | 46 300 * |
| 44.0 | 46.8 | 46.9 | 43 700 * |
| 46.0 | 44.2 | 44.9 | 41 200 * |
| 48.0 | 41.3 | 42.6 | 38 800 * |
| 50.0 | 38.4 | 40.2 | 36 100 * |
| 52.0 | 35.2 | 37.4 | 33 600 * |
| 54.0 | 31.7 | 34.3 | 31 100 * |
| 56.0 | 27.8 | 30.7 | 28 800 * |
| 67.1m (220 Ft.) BOOM | | | |
| 11.0 | 82.8 | 69.5 | 176 400 * |
| 12.0 | 81.9 | 69.3 | 176 400 * |
| 13.0 | 81.0 | 69.1 | 172 400 * |
| 14.0 | 80.1 | 69.0 | 159 100 * |
| 15.0 | 79.3 | 68.8 | 148 100 * |
| 16.0 | 78.4 | 68.6 | 138 400 * |
| 18.0 | 76.6 | 68.1 | 122 100 * |
| 20.0 | 74.9 | 67.6 | 109 000 * |
| 22.0 | 73.1 | 66.9 | 98 200 * |
| 24.0 | 71.3 | 66.3 | 89 200 * |
| 26.0 | 69.5 | 65.5 | 81 500 * |
| 28.0 | 67.6 | 64.7 | 74 900 * |
| 30.0 | 65.7 | 63.8 | 69 100 * |
| 32.0 | 63.8 | 62.8 | 64 100 * |
| 34.0 | 61.9 | 61.8 | 59 600 * |
| 36.0 | 59.9 | 60.6 | 55 600 * |
| 38.0 | 57.9 | 59.4 | 52 000 * |
| 40.0 | 55.9 | 58.1 | 48 800 * |
| 42.0 | 53.8 | 56.6 | 45 900 * |
| 44.0 | 51.6 | 55.0 | 43 200 * |
| 46.0 | 49.4 | 53.3 | 40 800 * |
| 48.0 | 47.0 | 51.5 | 38 500 * |
| 50.0 | 44.6 | 49.5 | 36 400 * |
| 52.0 | 42.1 | 47.3 | 34 500 * |
| 54.0 | 39.4 | 45.0 | 32 200 * |
| 56.0 | 36.6 | 42.3 | 29 900 * |
| 58.0 | 33.6 | 39.4 | 27 800 * |
| 60.0 | 30.3 | 36.1 | 25 800 * |
| 62.0 | 26.6 | 32.3 | 23 900 * |



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Meets
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Requirements

MAX-ER 225
On 2250
or M-250

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-----------------------------|----------------|-------------------------|-------------------------|
| 73.2m (240 Ft.) BOOM | | | |
| 11.6 | 82.9 | 75.5 | 167 500 * |
| 12.0 | 82.6 | 75.5 | 167 500 * |
| 13.0 | 81.8 | 75.3 | 167 000 * |
| 14.0 | 81.0 | 75.2 | 158 900 * |
| 15.0 | 80.2 | 75.0 | 147 800 * |
| 16.0 | 79.4 | 74.8 | 138 100 * |
| 18.0 | 77.8 | 74.4 | 121 900 * |
| 20.0 | 76.2 | 73.9 | 108 800 * |
| 22.0 | 74.5 | 73.3 | 97 900 * |
| 24.0 | 72.9 | 72.7 | 88 900 * |
| 26.0 | 71.3 | 72.0 | 81 300 * |
| 28.0 | 69.6 | 71.3 | 74 600 * |
| 30.0 | 67.9 | 70.5 | 68 900 * |
| 32.0 | 66.2 | 69.6 | 63 800 * |
| 34.0 | 64.4 | 68.7 | 59 400 * |
| 36.0 | 62.7 | 67.6 | 55 400 * |
| 38.0 | 60.9 | 66.5 | 51 800 * |
| 40.0 | 59.1 | 65.3 | 48 500 * |
| 42.0 | 57.2 | 64.1 | 45 600 * |
| 44.0 | 55.3 | 62.7 | 42 900 * |
| 46.0 | 53.4 | 61.2 | 40 500 * |
| 48.0 | 51.4 | 59.6 | 38 300 * |
| 50.0 | 49.3 | 57.9 | 36 200 * |
| 52.0 | 47.2 | 56.1 | 34 300 * |
| 54.0 | 45.0 | 54.1 | 32 500 * |
| 56.0 | 42.7 | 52.0 | 30 800 * |
| 58.0 | 40.3 | 49.7 | 28 800 * |
| 60.0 | 37.8 | 47.2 | 26 900 * |
| 62.0 | 35.1 | 44.4 | 25 000 * |
| 64.0 | 32.2 | 41.3 | 23 300 * |
| 66.0 | 29.1 | 37.8 | 21 600 * |
| 79.2m (260 Ft.) BOOM | | | |
| 12.2 | 83.0 | 81.6 | 146 400 * |
| 13.0 | 82.4 | 81.5 | 145 400 * |
| 14.0 | 81.7 | 81.3 | 142 400 * |
| 15.0 | 80.9 | 81.2 | 139 600 * |
| 16.0 | 80.2 | 81.0 | 135 600 * |
| 18.0 | 78.7 | 80.6 | 121 900 * |
| 20.0 | 77.3 | 80.1 | 108 300 * |
| 22.0 | 75.8 | 79.6 | 97 500 * |
| 24.0 | 74.3 | 79.1 | 88 500 * |
| 26.0 | 72.7 | 78.5 | 80 800 * |
| 28.0 | 71.2 | 77.8 | 74 200 * |
| 30.0 | 69.7 | 77.1 | 68 400 * |
| 32.0 | 68.1 | 76.3 | 63 400 * |
| 34.0 | 66.5 | 75.4 | 58 900 * |
| 36.0 | 65.0 | 74.5 | 54 900 * |

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-----------------------------|----------------|-------------------------|-------------------------|
| 79.2m (260 Ft.) BOOM | | | |
| 38.0 | 63.3 | 73.5 | 51 400 * |
| 40.0 | 61.7 | 72.4 | 48 100 * |
| 42.0 | 60.0 | 71.3 | 45 200 * |
| 44.0 | 58.3 | 70.0 | 42 600 * |
| 46.0 | 56.6 | 68.7 | 40 100 * |
| 48.0 | 54.8 | 67.3 | 37 900 * |
| 50.0 | 53.0 | 65.8 | 35 800 * |
| 52.0 | 51.2 | 64.2 | 33 900 * |
| 54.0 | 49.3 | 62.5 | 32 100 * |
| 56.0 | 47.3 | 60.7 | 30 500 * |
| 58.0 | 45.3 | 58.8 | 29 000 * |
| 60.0 | 43.2 | 56.7 | 27 400 * |
| 62.0 | 41.0 | 54.4 | 25 700 * |
| 64.0 | 38.8 | 52.0 | 23 900 * |
| 66.0 | 36.3 | 49.3 | 22 300 * |
| 68.0 | 33.8 | 46.4 | 20 700 * |
| 70.0 | 31.0 | 43.2 | 19 200 * |
| 72.0 | 28.1 | 39.5 | 17 800 * |
| 85.3m (280 Ft.) BOOM | | | |
| 13.4 | 82.7 | 87.6 | 131 700 * |
| 14.0 | 82.3 | 87.5 | 130 200 * |
| 15.0 | 81.6 | 87.3 | 127 600 * |
| 16.0 | 80.9 | 87.2 | 125 100 * |
| 18.0 | 79.5 | 86.8 | 119 800 * |
| 20.0 | 78.2 | 86.4 | 108 000 * |
| 22.0 | 76.8 | 85.9 | 97 200 * |
| 24.0 | 75.4 | 85.4 | 88 100 * |
| 26.0 | 74.0 | 84.8 | 80 500 * |
| 28.0 | 72.6 | 84.2 | 73 900 * |
| 30.0 | 71.2 | 83.5 | 68 100 * |
| 32.0 | 69.8 | 82.8 | 63 100 * |
| 34.0 | 68.3 | 82.0 | 58 600 * |
| 36.0 | 66.9 | 81.2 | 54 600 * |
| 38.0 | 65.4 | 80.3 | 51 100 * |
| 40.0 | 63.9 | 79.3 | 47 800 * |
| 42.0 | 62.4 | 78.3 | 44 900 * |
| 44.0 | 60.8 | 77.1 | 42 200 * |
| 46.0 | 59.3 | 76.0 | 39 800 * |
| 48.0 | 57.7 | 74.7 | 37 500 * |
| 50.0 | 56.1 | 73.4 | 35 500 * |
| 52.0 | 54.4 | 72.0 | 33 600 * |
| 54.0 | 52.8 | 70.5 | 31 800 * |
| 56.0 | 51.0 | 68.9 | 30 100 * |
| 58.0 | 49.3 | 67.1 | 28 600 * |

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-----------------------------|----------------|-------------------------|-------------------------|
| 85.3m (280 Ft.) BOOM | | | |
| 60.0 | 47.5 | 65.3 | 27 100 * |
| 62.0 | 45.6 | 63.4 | 25 500 * |
| 64.0 | 43.7 | 61.3 | 24 000 * |
| 66.0 | 41.7 | 59.1 | 22 600 * |
| 68.0 | 39.6 | 56.7 | 21 200 * |
| 70.0 | 37.4 | 54.2 | 19 800 * |
| 72.0 | 35.1 | 51.4 | 18 400 * |
| 74.0 | 32.6 | 48.3 | 17 000 * |
| 76.0 | 30.0 | 44.9 | 15 800 * |
| 78.0 | 27.1 | 41.2 | 14 500 * |
| 91.4m (300 Ft.) BOOM | | | |
| 14.0 | 82.8 | 93.7 | 102 400 * |
| 15.0 | 82.2 | 93.5 | 100 500 * |
| 16.0 | 81.5 | 93.4 | 98 600 * |
| 18.0 | 80.3 | 93.0 | 94 800 * |
| 20.0 | 79.0 | 92.6 | 91 000 * |
| 22.0 | 77.7 | 92.2 | 87 300 * |
| 24.0 | 76.4 | 91.7 | 83 700 * |
| 26.0 | 75.1 | 91.2 | 80 000 * |
| 28.0 | 73.8 | 90.6 | 73 400 * |
| 30.0 | 72.5 | 90.0 | 67 600 * |
| 32.0 | 71.2 | 89.3 | 62 600 * |
| 34.0 | 69.8 | 88.6 | 58 100 * |
| 36.0 | 68.5 | 87.8 | 54 100 * |
| 38.0 | 67.1 | 87.0 | 50 600 * |
| 40.0 | 65.8 | 86.1 | 47 400 * |
| 42.0 | 64.4 | 85.1 | 44 400 * |
| 44.0 | 63.0 | 84.1 | 41 700 * |
| 46.0 | 61.5 | 83.0 | 39 300 * |
| 48.0 | 60.1 | 81.9 | 37 100 * |
| 50.0 | 58.6 | 80.7 | 35 000 * |
| 52.0 | 57.1 | 79.4 | 33 100 * |
| 54.0 | 55.6 | 78.0 | 31 400 * |
| 56.0 | 54.1 | 76.6 | 29 700 * |
| 58.0 | 52.5 | 75.1 | 28 100 * |
| 60.0 | 50.9 | 73.5 | 26 600 * |
| 62.0 | 49.3 | 71.7 | 25 100 * |
| 64.0 | 47.6 | 69.9 | 23 600 * |
| 66.0 | 45.8 | 68.0 | 22 200 * |
| 68.0 | 44.0 | 66.0 | 20 900 * |
| 70.0 | 42.2 | 63.8 | 19 600 * |
| 72.0 | 40.3 | 61.5 | 18 400 * |
| 74.0 | 38.3 | 59.0 | 17 300 * |
| 76.0 | 36.2 | 56.3 | 16 100 * |
| 78.0 | 33.9 | 53.4 | 14 900 * |
| 80.0 | 31.6 | 50.2 | 13 700 * |
| 82.0 | 29.1 | 46.7 | 12 100 * |



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102 060 kg Wheeled Counterweight
Rating Over Front of Blocked Crawlers
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Meets
ANSI B30.5
Requirements

MAX-ER 225
On 2250
or M-250

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|-----------------------------|----------------|-------------------------|-------------------------|
| 97.5m (320 Ft.) BOOM | | | |
| 14.6 | 82.9 | 99.7 | 91 500 * |
| 15.0 | 82.7 | 99.7 | 90 900 * |
| 16.0 | 82.1 | 99.5 | 89 100 * |
| 18.0 | 80.9 | 99.2 | 85 600 * |
| 20.0 | 79.7 | 98.8 | 82 100 * |
| 22.0 | 78.5 | 98.4 | 78 700 * |
| 24.0 | 77.3 | 98.0 | 75 300 * |
| 26.0 | 76.1 | 97.5 | 72 000 * |
| 28.0 | 74.8 | 97.0 | 68 800 * |
| 30.0 | 73.6 | 96.4 | 65 700 * |
| 32.0 | 72.4 | 95.7 | 62 200 * |
| 34.0 | 71.1 | 95.1 | 57 700 * |
| 36.0 | 69.9 | 94.3 | 53 800 * |
| 38.0 | 68.6 | 93.6 | 50 200 * |
| 40.0 | 67.4 | 92.7 | 47 000 * |
| 42.0 | 66.1 | 91.8 | 44 000 * |
| 44.0 | 64.8 | 90.9 | 41 400 * |
| 46.0 | 63.5 | 89.9 | 39 000 * |
| 48.0 | 62.1 | 88.9 | 36 700 * |
| 50.0 | 60.8 | 87.8 | 34 700 * |
| 52.0 | 59.4 | 86.6 | 32 800 * |
| 54.0 | 58.1 | 85.3 | 31 000 * |
| 56.0 | 56.7 | 84.0 | 29 200 * |
| 58.0 | 55.2 | 82.7 | 27 500 * |
| 60.0 | 53.8 | 81.2 | 26 000 * |
| 62.0 | 52.3 | 79.7 | 24 500 * |
| 64.0 | 50.8 | 78.1 | 23 100 * |
| 66.0 | 49.2 | 76.3 | 21 800 * |
| 68.0 | 47.7 | 74.5 | 20 600 * |
| 70.0 | 46.0 | 72.6 | 19 300 * |
| 72.0 | 44.4 | 70.6 | 17 500 * |
| 74.0 | 42.6 | 68.5 | 15 800 * |
| 76.0 | 40.9 | 66.2 | 14 100 * |
| 78.0 | 39.0 | 63.7 | 12 400 * |
| 80.0 | 37.1 | 61.1 | 10 700 * |
| 82.0 | 35.1 | 58.3 | 9 100 * |
| 84.0 | 32.9 | 55.3 | 7 500 * |
| 86.0 | 30.7 | 52.0 | 5 900 * |

| Oper. Rad. Meters | Boom Ang. Deg. | Boom Point Elev. Meters | Boom Capacity Kilograms |
|------------------------------|----------------|-------------------------|-------------------------|
| 103.6m (340 Ft.) BOOM | | | |
| 15.2 | 83.0 | 105.8 | 73 900 * |
| 16.0 | 82.5 | 105.7 | 72 900 * |
| 18.0 | 81.4 | 105.4 | 70 100 * |
| 20.0 | 80.3 | 105.0 | 67 300 * |
| 22.0 | 79.2 | 104.7 | 64 500 * |
| 24.0 | 78.0 | 104.2 | 61 800 * |
| 26.0 | 76.9 | 103.8 | 59 100 * |
| 28.0 | 75.8 | 103.3 | 56 400 * |
| 30.0 | 74.6 | 102.7 | 53 800 * |
| 32.0 | 73.5 | 102.1 | 51 300 * |
| 34.0 | 72.3 | 101.5 | 48 800 * |
| 36.0 | 71.1 | 100.8 | 46 400 * |
| 38.0 | 70.0 | 100.1 | 44 100 * |
| 40.0 | 68.8 | 99.3 | 41 800 * |
| 42.0 | 67.6 | 98.5 | 39 600 * |
| 44.0 | 66.4 | 97.6 | 37 400 * |
| 46.0 | 65.2 | 96.7 | 35 400 * |
| 48.0 | 63.9 | 95.7 | 33 300 * |
| 50.0 | 62.7 | 94.7 | 31 300 * |
| 52.0 | 61.4 | 93.6 | 29 300 * |
| 54.0 | 60.1 | 92.5 | 27 400 * |
| 56.0 | 58.9 | 91.3 | 25 600 * |
| 58.0 | 57.5 | 90.0 | 23 700 * |
| 60.0 | 56.2 | 88.7 | 21 900 * |
| 62.0 | 54.9 | 87.3 | 20 200 * |
| 64.0 | 53.5 | 85.8 | 18 500 * |
| 66.0 | 52.1 | 84.3 | 16 800 * |
| 68.0 | 50.7 | 82.7 | 15 200 * |
| 70.0 | 49.2 | 80.9 | 13 600 * |
| 72.0 | 47.7 | 79.1 | 12 000 * |
| 74.0 | 46.2 | 77.2 | 10 400 * |
| 76.0 | 44.6 | 75.2 | 8 900 * |
| 78.0 | 43.0 | 73.1 | 7 400 * |
| 80.0 | 41.4 | 70.9 | 5 900 * |