

Liftcrane Boom Capacities

M-250 SERIES 3

Boom No. 44 With Long Reach Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
Rating Over Front of Blocked Crawlers
No Travel - Limited Swing

Meets
ANSI B30.5
Requirements

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 (*).

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 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 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**. Refer to boom rigging

No. 172842 or **No. 192054**, Wire Rope Specification chart **No. 7581-B**, and Counterweight Arrangement chart **No. 7692-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 9 373 mm crawlers, 1 219 mm treads, 8 534 mm retractable gantry, 12 part boom hoist reeving, four 38 mm boom pendants or boom support straps, 112 810 kg crane counterweight, two 13 610 kg and four 6 800 kg carbody counterweights.

Maximum Boom and Jib Lengths Lifted Unassisted Over Front of Blocked Crawlers	
Boom Length	Jib No. 132
100.6m	---
97.5m	---
94.5m	---
91.4m	---
88.4m	---
85.3m	18.3m
82.3m	36.6m
Load block, hook and weight ball on ground at start. Upper boom point cannot be used on 100.6m boom	

Deduct From Capacities When Jib Is Attached	
Jib Length	Jib No. 132
12.2m	2 900 kg
18.3m	3 720 kg
24.3m	4 670 kg
30.5m	5 810 kg
36.6m	6 940 kg

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 Kilograms
57.9m (190 Ft.) BOOM			
9.8	82.7	59.8	95 200 *
10.0	82.4	59.8	95 200 *
11.0	81.4	59.6	95 200 *
12.0	80.4	59.5	95 200 *
13.0	79.4	59.3	95 200 *
14.0	78.4	59.1	95 200 *
15.0	77.4	58.9	95 200 *
16.0	76.4	58.6	92 000 *
18.0	74.3	58.1	82 100 *
20.0	72.3	57.5	72 700 *
22.0	70.2	56.8	65 400 *
24.0	68.0	56.0	59 300 *
26.0	65.9	55.1	54 200 *
28.0	63.7	54.2	49 600 *
30.0	61.5	53.1	44 800 *
32.0	59.2	52.0	40 600 *
34.0	56.8	50.7	36 900 *
36.0	54.4	49.3	33 700 *
38.0	51.9	47.8	30 900 *
40.0	49.4	46.1	28 300 *
42.0	46.7	44.3	26 100 *
44.0	43.9	42.3	24 000 *
46.0	40.9	40.1	22 100 *
48.0	37.8	37.6	20 400 *
50.0	34.4	34.8	18 800 *
52.0	30.7	31.6	17 300 *
61.0m (200 Ft.) BOOM			
9.8	83.0	62.9	95 200 *
10.0	82.8	62.9	95 200 *
11.0	81.9	62.7	95 200 *
12.0	80.9	62.6	95 200 *
13.0	80.0	62.4	95 200 *
14.0	79.0	62.2	95 200 *
15.0	78.0	62.0	95 200 *
16.0	77.1	61.8	91 200 *
18.0	75.1	61.3	80 600 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
61.0m (200 Ft.) BOOM			
20.0	73.2	60.7	71 400 *
22.0	71.2	60.0	64 200 *
24.0	69.2	59.3	58 200 *
26.0	67.2	58.5	53 100 *
28.0	65.1	57.6	48 800 *
30.0	63.0	56.6	44 800 *
32.0	60.9	55.5	40 600 *
34.0	58.7	54.3	37 000 *
36.0	56.4	53.0	33 800 *
38.0	54.2	51.6	30 900 *
40.0	51.8	50.1	28 300 *
42.0	49.3	48.4	26 100 *
44.0	46.8	46.6	24 000 *
46.0	44.1	44.6	22 100 *
48.0	41.4	42.4	20 400 *
50.0	38.4	40.0	18 800 *
52.0	35.2	37.3	17 300 *
54.0	31.8	34.2	16 000 *
56.0	28.0	30.7	14 600 *
64.0m (210 Ft.) BOOM			
10.4	82.8	65.9	95 200 *
11.0	82.3	65.8	95 200 *
12.0	81.3	65.7	95 200 *
13.0	80.4	65.5	95 200 *
14.0	79.5	65.3	95 200 *
15.0	78.6	65.1	94 000 *
16.0	77.7	64.9	90 100 *
18.0	75.9	64.4	79 500 *
20.0	74.0	63.9	70 400 *
22.0	72.1	63.2	63 300 *
24.0	70.2	62.5	57 300 *
26.0	68.3	61.8	52 400 *
28.0	66.4	60.9	48 100 *
30.0	64.4	60.0	44 400 *
32.0	62.4	59.0	40 900 *
34.0	60.3	57.9	37 200 *
36.0	58.2	56.7	34 000 *
38.0	56.1	55.4	31 100 *
40.0	53.9	53.9	28 600 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
64.0m (210 Ft.) BOOM			
42.0	51.7	52.4	26 300 *
44.0	49.3	50.7	24 200 *
46.0	46.9	48.9	22 300 *
48.0	44.4	46.9	20 600 *
50.0	41.7	44.8	19 000 *
52.0	39.0	42.4	17 600 *
54.0	36.0	39.7	16 200 *
56.0	32.8	36.8	14 900 *
58.0	29.3	33.4	13 700 *
67.1m (220 Ft.) BOOM			
11.0	82.6	68.9	95 200 *
12.0	81.7	68.7	95 200 *
13.0	80.9	68.6	95 000 *
14.0	80.0	68.4	93 900 *
15.0	79.1	68.2	91 300 *
16.0	78.3	68.0	87 500 *
18.0	76.5	67.6	78 300 *
20.0	74.7	67.0	69 200 *
22.0	73.0	66.4	62 100 *
24.0	71.2	65.8	56 300 *
26.0	69.3	65.0	51 400 *
28.0	67.5	64.2	47 100 *
30.0	65.6	63.4	43 500 *
32.0	63.7	62.4	40 300 *
34.0	61.8	61.4	37 200 *
36.0	59.9	60.2	33 900 *
38.0	57.8	59.0	31 100 *
40.0	55.8	57.7	28 500 *
42.0	53.7	56.2	26 200 *
44.0	51.5	54.7	24 100 *
46.0	49.3	53.0	22 200 *
48.0	47.0	51.2	20 500 *
50.0	44.6	49.2	19 000 *
52.0	42.1	47.1	17 500 *
54.0	39.5	44.8	16 100 *
56.0	36.7	42.2	14 900 *
58.0	33.7	39.3	13 700 *
60.0	30.4	36.1	12 600 *
62.0	26.8	32.3	11 500 *

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Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
70.1m (230 Ft.) BOOM			
11.0	83.0	72.0	89 000 *
12.0	82.1	71.8	87 500 *
13.0	81.3	71.7	86 100 *
14.0	80.5	71.5	84 800 *
15.0	79.6	71.3	83 600 *
16.0	78.8	71.1	82 400 *
18.0	77.1	70.7	76 800 *
20.0	75.4	70.2	68 000 *
22.0	73.7	69.6	61 000 *
24.0	72.0	69.0	55 300 *
26.0	70.3	68.3	50 400 *
28.0	68.5	67.5	46 300 *
30.0	66.8	66.7	42 700 *
32.0	65.0	65.8	39 500 *
34.0	63.1	64.8	36 700 *
36.0	61.3	63.7	34 000 *
38.0	59.4	62.6	31 000 *
40.0	57.5	61.3	28 500 *
42.0	55.5	60.0	26 200 *
44.0	53.5	58.6	24 100 *
46.0	51.4	57.0	22 200 *
48.0	49.3	55.3	20 400 *
50.0	47.1	53.5	18 900 *
52.0	44.8	51.6	17 400 *
54.0	42.4	49.4	16 100 *
56.0	39.9	47.1	14 800 *
58.0	37.3	44.6	13 600 *
60.0	34.5	41.8	12 600 *
62.0	31.4	38.7	11 500 *
64.0	28.1	35.1	10 500 *
73.2m (240 Ft.) BOOM			
11.6	82.8	75.0	85 300 *
12.0	82.4	74.9	84 700 *
13.0	81.6	74.8	83 400 *
14.0	80.9	74.6	82 300 *
15.0	80.1	74.4	81 100 *
16.0	79.3	74.2	79 200 *
18.0	77.7	73.8	74 800 *
20.0	76.0	73.3	66 900 *
22.0	74.4	72.8	59 900 *
24.0	72.8	72.2	54 200 *
26.0	71.1	71.5	49 500 *
28.0	69.5	70.8	45 300 *
30.0	67.8	70.0	41 800 *
32.0	66.1	69.1	38 700 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
73.2m (240 Ft.) BOOM			
34.0	64.4	68.2	36 000 *
36.0	62.6	67.2	33 500 *
38.0	60.8	66.1	30 900 *
40.0	59.0	64.9	28 300 *
42.0	57.1	63.7	26 000 *
44.0	55.3	62.3	24 000 *
46.0	53.3	60.9	22 100 *
48.0	51.3	59.3	20 300 *
50.0	49.3	57.6	18 700 *
52.0	47.2	55.8	17 300 *
54.0	45.0	53.9	15 900 *
56.0	42.7	51.8	14 700 *
58.0	40.3	49.5	13 500 *
60.0	37.8	47.0	12 400 *
62.0	35.2	44.3	11 400 *
64.0	32.3	41.2	10 400 *
66.0	29.2	37.8	9 500 *
76.2m (250 Ft.) BOOM			
12.2	82.6	78.0	81 100 *
13.0	82.0	77.8	80 100 *
14.0	81.2	77.7	79 000 *
15.0	80.5	77.5	77 700 *
16.0	79.7	77.3	75 500 *
18.0	78.2	76.9	71 500 *
20.0	76.6	76.5	66 400 *
22.0	75.1	76.0	59 300 *
24.0	73.5	75.4	53 600 *
26.0	71.9	74.8	48 900 *
28.0	70.3	74.1	44 800 *
30.0	68.7	73.3	41 300 *
32.0	67.1	72.5	38 200 *
34.0	65.4	71.6	35 500 *
36.0	63.8	70.6	33 000 *
38.0	62.1	69.6	30 900 *
40.0	60.4	68.5	28 500 *
42.0	58.6	67.3	26 200 *
44.0	56.8	66.0	24 100 *
46.0	55.0	64.6	22 100 *
48.0	53.1	63.2	20 400 *
50.0	51.2	61.6	18 800 *
52.0	49.3	59.9	17 300 *
54.0	47.2	58.1	16 000 *
56.0	45.2	56.2	14 800 *
58.0	43.0	54.1	13 600 *
60.0	40.7	51.8	12 500 *
62.0	38.3	49.4	11 500 *
64.0	35.8	46.7	10 500 *
66.0	33.1	43.8	9 600 *
68.0	30.3	40.5	8 800 *
70.0	27.1	36.8	7 900 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
79.2m (260 Ft.) BOOM			
12.2	82.9	81.0	78 200 *
13.0	82.3	80.9	77 400 *
14.0	81.6	80.8	75 800 *
15.0	80.8	80.6	73 700 *
16.0	80.1	80.4	71 700 *
18.0	78.6	80.1	67 800 *
20.0	77.1	79.6	64 000 *
22.0	75.7	79.1	58 500 *
24.0	74.2	78.6	52 700 *
26.0	72.6	78.0	48 000 *
28.0	71.1	77.3	43 900 *
30.0	69.6	76.6	40 400 *
32.0	68.0	75.8	37 400 *
34.0	66.5	74.9	34 700 *
36.0	64.9	74.0	32 300 *
38.0	63.3	73.0	30 100 *
40.0	61.6	72.0	28 200 *
42.0	60.0	70.8	26 000 *
44.0	58.3	69.6	23 900 *
46.0	56.5	68.3	22 000 *
48.0	54.8	67.0	20 200 *
50.0	53.0	65.5	18 600 *
52.0	51.1	63.9	17 100 *
54.0	49.3	62.2	15 800 *
56.0	47.3	60.4	14 600 *
58.0	45.3	58.5	13 400 *
60.0	43.2	56.4	12 300 *
62.0	41.1	54.2	11 300 *
64.0	38.8	51.8	10 300 *
66.0	36.4	49.2	9 500 *
68.0	33.9	46.3	8 600 *
70.0	31.2	43.1	7 800 *
72.0	28.2	39.6	7 000 *



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Requirements

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
82.3m (270 Ft.) BOOM			
12.8	82.7	84.0	70 000 *
13.0	82.6	84.0	69 900 *
14.0	81.9	83.9	69 300 *
15.0	81.2	83.7	68 500 *
16.0	80.5	83.5	67 200 *
18.0	79.1	83.2	63 500 *
20.0	77.6	82.7	60 100 *
22.0	76.2	82.3	56 600 *
24.0	74.8	81.7	51 900 *
26.0	73.3	81.2	47 100 *
28.0	71.8	80.5	43 100 *
30.0	70.4	79.8	39 600 *
32.0	68.9	79.1	36 600 *
34.0	67.4	78.3	34 000 *
36.0	65.9	77.4	31 600 *
38.0	64.3	76.4	29 400 *
40.0	62.8	75.4	27 500 *
42.0	61.2	74.4	25 700 *
44.0	59.6	73.2	23 800 *
46.0	57.9	72.0	21 800 *
48.0	56.3	70.7	20 100 *
50.0	54.6	69.3	18 500 *
52.0	52.8	67.8	17 000 *
54.0	51.1	66.2	15 700 *
56.0	49.2	64.5	14 400 *
58.0	47.4	62.7	13 200 *
60.0	45.4	60.8	12 200 *
62.0	43.4	58.7	11 100 *
64.0	41.4	56.5	10 200 *
66.0	39.2	54.2	9 300 *
68.0	36.9	51.6	8 500 *
70.0	34.5	48.8	7 700 *
72.0	32.0	45.7	6 900 *
74.0	29.2	42.3	6 200 *
76.0	26.2	38.4	5 500 *
85.3m (280 Ft.) BOOM			
12.8	83.0	87.1	64 800 *
13.0	82.8	87.1	64 700 *
14.0	82.2	86.9	64 200 *
15.0	81.5	86.8	63 700 *
16.0	80.8	86.6	63 000 *
18.0	79.4	86.3	60 300 *
20.0	78.1	85.9	56 900 *
22.0	76.7	85.4	53 600 *
24.0	75.3	84.9	50 500 *
26.0	73.9	84.3	46 500 *
28.0	72.5	83.7	42 500 *
30.0	71.1	83.1	39 000 *
32.0	69.7	82.3	36 000 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
85.3m (280 Ft.) BOOM			
34.0	68.2	81.6	33 300 *
36.0	66.8	80.7	31 000 *
38.0	65.3	79.8	28 900 *
40.0	63.8	78.8	26 900 *
42.0	62.3	77.8	25 200 *
44.0	60.8	76.7	23 600 *
46.0	59.2	75.6	21 700 *
48.0	57.6	74.3	19 900 *
50.0	56.0	73.0	18 300 *
52.0	54.4	71.6	16 800 *
54.0	52.7	70.1	15 500 *
56.0	51.0	68.5	14 200 *
58.0	49.2	66.8	13 100 *
60.0	47.4	65.0	12 000 *
62.0	45.6	63.1	10 900 *
64.0	43.7	61.1	10 000 *
66.0	41.7	58.9	9 100 *
68.0	39.6	56.5	8 300 *
70.0	37.4	54.0	7 500 *
72.0	35.1	51.2	6 700 *
74.0	32.7	48.2	6 000 *
76.0	30.1	44.9	5 200 *
78.0	27.3	41.2	4 300 *
88.4m (290 Ft.) BOOM			
13.4	82.8	90.1	60 100 *
14.0	82.4	90.0	59 800 *
15.0	81.8	89.9	59 300 *
16.0	81.1	89.7	58 800 *
18.0	79.8	89.4	57 100 *
20.0	78.5	89.0	54 000 *
22.0	77.2	88.5	50 900 *
24.0	75.8	88.0	47 900 *
26.0	74.5	87.5	45 000 *
28.0	73.1	86.9	41 800 *
30.0	71.8	86.3	38 400 *
32.0	70.4	85.6	35 300 *
34.0	69.0	84.8	32 700 *
36.0	67.6	84.0	30 400 *
38.0	66.2	83.2	28 300 *
40.0	64.8	82.2	26 400 *
42.0	63.3	81.3	24 700 *
44.0	61.9	80.2	23 100 *
46.0	60.4	79.1	21 600 *
48.0	58.9	77.9	19 900 *
50.0	57.4	76.7	18 300 *
52.0	55.8	75.3	16 800 *
54.0	54.2	73.9	15 400 *
56.0	52.6	72.4	14 200 *
58.0	50.9	70.8	13 000 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
88.4m (290 Ft.) BOOM			
60.0	49.2	69.1	11 900 *
62.0	47.5	67.3	10 900 *
64.0	45.7	65.4	9 900 *
66.0	43.8	63.4	9 000 *
68.0	41.9	61.2	8 200 *
70.0	39.9	58.9	7 400 *
72.0	37.9	56.4	6 600 *
74.0	35.7	53.7	5 800 *
76.0	33.4	50.8	4 900 *
78.0	30.9	47.5	4 000 *
80.0	28.3	44.0	3 200 *
91.4m (300 Ft.) BOOM			
14.0	82.7	93.1	54 300 *
15.0	82.1	92.9	53 800 *
16.0	81.4	92.8	53 200 *
18.0	80.2	92.5	50 900 *
20.0	78.9	92.1	48 500 *
22.0	77.6	91.7	46 300 *
24.0	76.3	91.2	44 500 *
26.0	75.0	90.7	42 700 *
28.0	73.7	90.1	40 400 *
30.0	72.4	89.5	36 800 *
32.0	71.1	88.8	33 900 *
34.0	69.7	88.1	31 300 *
36.0	68.4	87.3	29 100 *
38.0	67.0	86.5	27 000 *
40.0	65.7	85.6	25 200 *
42.0	64.3	84.7	23 500 *
44.0	62.9	83.7	22 000 *
46.0	61.5	82.6	20 300 *
48.0	60.0	81.5	18 500 *
50.0	58.6	80.3	16 900 *
52.0	57.1	79.0	15 500 *
54.0	55.6	77.6	14 100 *
56.0	54.0	76.2	12 900 *
58.0	52.5	74.7	11 700 *
60.0	50.9	73.1	10 700 *
62.0	49.2	71.4	9 700 *
64.0	47.5	69.6	8 800 *
66.0	45.8	67.7	7 900 *
68.0	44.0	65.7	7 100 *
70.0	42.2	63.6	6 300 *
72.0	40.3	61.3	5 600 *
74.0	38.3	58.8	4 900 *
76.0	36.2	56.1	4 300 *
78.0	34.0	53.3	3 600 *
80.0	31.7	50.1	3 000 *
82.0	29.2	46.7	2 500 *



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Boom No. 44 With Long Reach Top
112 810 kg Crane Counterweight
54 430 kg Carbody Counterweight
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**Meets
ANSI B30.5
Requirements**

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
94.5m (310 Ft.) BOOM			
14.0	82.9	96.2	48 900 *
15.0	82.3	96.0	48 300 *
16.0	81.7	95.9	47 000 *
18.0	80.5	95.6	44 600 *
20.0	79.2	95.2	42 500 *
22.0	78.0	94.8	40 700 *
24.0	76.8	94.3	39 100 *
26.0	75.5	93.8	37 600 *
28.0	74.3	93.3	36 200 *
30.0	73.0	92.7	34 900 *
32.0	71.7	92.0	33 200 *
34.0	70.4	91.3	30 600 *
36.0	69.1	90.6	28 300 *
38.0	67.8	89.8	26 300 *
40.0	66.5	88.9	24 500 *
42.0	65.2	88.0	22 800 *
44.0	63.8	87.1	21 300 *
46.0	62.5	86.0	19 900 *
48.0	61.1	85.0	18 200 *
50.0	59.7	83.8	16 600 *
52.0	58.3	82.6	15 100 *
54.0	56.8	81.3	13 800 *
56.0	55.4	80.0	12 600 *
58.0	53.9	78.5	11 400 *
60.0	52.4	77.0	10 400 *
62.0	50.8	75.4	9 400 *
64.0	49.2	73.7	8 400 *
66.0	47.6	71.9	7 600 *
68.0	45.9	70.0	6 800 *
70.0	44.2	68.0	6 000 *
72.0	42.4	65.9	5 300 *
74.0	40.6	63.6	4 600 *
76.0	38.7	61.2	4 000 *
78.0	36.7	58.6	3 300 *
80.0	34.6	55.7	2 700 *
82.0	32.4	52.7	2 200 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
97.5m (320 Ft.) BOOM			
14.6	82.8	99.2	45 200 *
15.0	82.6	99.1	44 700 *
16.0	82.0	99.0	43 600 *
18.0	80.8	98.7	41 400 *
20.0	79.6	98.3	39 200 *
22.0	78.4	97.9	37 300 *
24.0	77.2	97.5	35 600 *
26.0	76.0	97.0	34 000 *
28.0	74.8	96.4	32 600 *
30.0	73.5	95.9	31 400 *
32.0	72.3	95.2	30 200 *
34.0	71.1	94.6	29 000 *
36.0	69.8	93.9	27 700 *
38.0	68.6	93.1	25 700 *
40.0	67.3	92.3	23 900 *
42.0	66.0	91.4	22 300 *
44.0	64.7	90.5	20 800 *
46.0	63.4	89.5	19 300 *
48.0	62.1	88.4	17 700 *
50.0	60.7	87.3	16 100 *
52.0	59.4	86.2	14 700 *
54.0	58.0	84.9	13 300 *
56.0	56.6	83.7	12 100 *
58.0	55.2	82.3	11 000 *
60.0	53.7	80.8	9 900 *
62.0	52.3	79.3	8 900 *
64.0	50.7	77.7	8 000 *
66.0	49.2	76.0	7 100 *
68.0	47.6	74.2	6 300 *
70.0	46.0	72.3	5 600 *
72.0	44.4	70.3	4 900 *
74.0	42.6	68.2	4 200 *
76.0	40.9	66.0	3 600 *
78.0	39.0	63.6	3 000 *
80.0	37.1	61.0	2 400 *
82.0	35.1	58.2	1 800 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
100.6m (330 Ft.) BOOM			
14.6	83.0	102.2	41 700 *
15.0	82.8	102.2	41 200 *
16.0	82.2	102.0	39 900 *
18.0	81.1	101.7	37 600 *
20.0	79.9	101.4	35 700 *
22.0	78.7	101.0	33 900 *
24.0	77.6	100.6	32 300 *
26.0	76.4	100.1	30 900 *
28.0	75.2	99.6	29 600 *
30.0	74.1	99.0	28 400 *
32.0	72.9	98.4	27 300 *
34.0	71.7	97.8	26 300 *
36.0	70.5	97.1	25 400 *
38.0	69.2	96.4	24 500 *
40.0	68.0	95.6	23 400 *
42.0	66.8	94.7	22 200 *
44.0	65.5	93.8	20 900 *
46.0	64.3	92.9	19 500 *
48.0	63.0	91.9	18 000 *
50.0	61.7	90.8	16 400 *
52.0	60.4	89.7	15 000 *
54.0	59.1	88.5	13 600 *
56.0	57.7	87.3	12 400 *
58.0	56.4	86.0	11 200 *
60.0	55.0	84.6	10 200 *
62.0	53.6	83.2	9 200 *
64.0	52.2	81.6	8 300 *
66.0	50.7	80.0	7 400 *
68.0	49.2	78.3	6 600 *
70.0	47.7	76.5	5 900 *
72.0	46.1	74.7	5 200 *
74.0	44.5	72.7	4 500 *
76.0	42.8	70.5	3 800 *
78.0	41.1	68.3	3 200 *
80.0	39.4	65.9	2 700 *
82.0	37.5	63.4	2 100 *