



Liftcrane Boom Capacities

2250 SERIES 3

**Boom No. 44 With Long Reach Top
113 040 kg Crane Counterweight
54 430 kg Carbody Counterweight
360 Degree Rating**

Maximum Operating Wind Speeds
14 m/s thru 64.0m Boom
10 m/s from 67.1m thru 100.6m Boom

LIFTING CAPACITIES: Lifting capacities for various boom lengths and operating radii are for freely suspended loads and are calculated to comply with EN 13000, ISO 4305 and include factors based on a 4.0 degree tipping angle. 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 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. 192054**, Wire Rope Specification chart **No. 8034-A**, and Counterweight Arrangement Chart **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 Operator's Manual for operating guidelines.

WIND CONDITIONS: Machine may be operated in winds stated in Maximum Operating Wind Speed table provided crane operator judgment is used to allow for wind effect on lifted load and other considerations noted on capacity chart are followed. Wind will have a considerable effect on load with a large "sail area" and must be compensated for accordingly by reducing load ratings, reducing operating speeds or by a combination of both. Wind speed to be measured at boom point elevation. **Operation is not permitted when wind is above conditions stated in Maximum Operating Wind Speed table.** Park crane (upper inline with crawlers) with load block on ground or secured and position boom at 70 degrees. Lower boom onto blocking at ground level 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. *Travel with 100 percent of rated load prohibited.* Travel restricted to 90 percent of rated capacity with speed not to exceed 0.4 m/s. Refer to Maximum Allowable Travel Specification chart **No. 8999-A**.

MAX PERMISSIBLE SLEWING SPEED: Slewing operation with working load shall not exceed 0.4 m/s as measured at the operating radius. The amount of time to brake or start slewing a working load shall not be less than 2.5 seconds.

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 is vertical distance from ground level to centerline of boom point shaft.

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, boom support straps, 113 040 kg crane counterweight, two 13 610 kg and four 6 800 kg carbody counterweights.

Boom Catwalks Deduct
Deduct 300 kg from capacities when boom catwalks are attached.



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Maximum Boom Length Lifted Unassisted Over Front, Side or Rear of Crawlers	
Boom Length	
(a) (b) 100.6m	
(b) 97.5m	
94.5m	
Load block, hook and weight ball on ground at start. Upper boom point must never be used on 100.6m boom. When equipped with boom catwalks (a) 100.6m boom must be rigged with only one hoist lead line and (b) upper boom point cannot be attached.	

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	94 000
16.0	76.4	58.6	89 400
18.0	74.3	58.1	78 000
20.0	72.3	57.5	69 400
22.0	70.2	56.8	62 400
24.0	68.0	56.0	56 000
26.0	65.9	55.1	50 000
28.0	63.7	54.2	45 100
30.0	61.5	53.1	40 900
32.0	59.2	52.0	37 400
34.0	56.8	50.7	34 300
36.0	54.4	49.3	31 600
38.0	51.9	47.8	29 200
40.0	49.4	46.1	27 000 *
42.0	46.7	44.3	24 800 *
44.0	43.9	42.3	22 800 *
46.0	40.9	40.1	20 900 *
48.0	37.8	37.6	19 300 *
50.0	34.4	34.8	17 800 *
52.0	30.7	31.6	16 400 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
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	92 900
16.0	77.1	61.8	86 900
18.0	75.1	61.3	76 500
20.0	73.2	60.7	68 100
22.0	71.2	60.0	61 200
24.0	69.2	59.3	55 300
26.0	67.2	58.5	49 600
28.0	65.1	57.6	44 700
30.0	63.0	56.6	40 500
32.0	60.9	55.5	37 000
34.0	58.7	54.3	33 900
36.0	56.4	53.0	31 100
38.0	54.2	51.6	28 800
40.0	51.8	50.1	26 600
42.0	49.3	48.4	24 700
44.0	46.8	46.6	22 600 *
46.0	44.1	44.6	20 800 *
48.0	41.4	42.4	19 200 *
50.0	38.4	40.0	17 600 *
52.0	35.2	37.3	16 200 *
54.0	31.8	34.2	15 000 *
56.0	28.0	30.7	13 700 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
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	91 600
16.0	77.7	64.9	85 300
18.0	75.9	64.4	75 200
20.0	74.0	63.9	67 100
22.0	72.1	63.2	60 300
24.0	70.2	62.5	54 600
26.0	68.3	61.8	49 400
28.0	66.4	60.9	44 500
30.0	64.4	60.0	40 300
32.0	62.4	59.0	36 700
34.0	60.3	57.9	33 600
36.0	58.2	56.7	30 900
38.0	56.1	55.4	28 500
40.0	53.9	53.9	26 400
42.0	51.7	52.4	24 500
44.0	49.3	50.7	22 700
46.0	46.9	48.9	20 900 *
48.0	44.4	46.9	19 200 *
50.0	41.7	44.8	17 700 *
52.0	39.0	42.4	16 300 *
54.0	36.0	39.7	15 100 *
56.0	32.8	36.8	13 800 *
58.0	29.3	33.4	12 700 *



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Maximum Operating Wind Speeds
14 m/s thru 64.0m Boom
10 m/s from 67.1m thru 100.6m Boom

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
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	89 800
16.0	78.3	68.0	83 700
18.0	76.5	67.6	73 800
20.0	74.7	67.0	65 800
22.0	73.0	66.4	59 200
24.0	71.2	65.8	53 600
26.0	69.3	65.0	48 800
28.0	67.5	64.2	44 100
30.0	65.6	63.4	39 900
32.0	63.7	62.4	36 300
34.0	61.8	61.4	33 200
36.0	59.9	60.2	30 500
38.0	57.8	59.0	28 100
40.0	55.8	57.7	26 000
42.0	53.7	56.2	24 000
44.0	51.5	54.7	22 300
46.0	49.3	53.0	20 700 *
48.0	47.0	51.2	19 000 *
50.0	44.6	49.2	17 500 *
52.0	42.1	47.1	16 100 *
54.0	39.5	44.8	14 800 *
56.0	36.7	42.2	13 600 *
58.0	33.7	39.3	12 500 *
60.0	30.4	36.1	11 500 *
62.0	26.8	32.3	10 500 *
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	81 300
18.0	77.1	70.7	72 700
20.0	75.4	70.2	64 600
22.0	73.7	69.6	58 100
24.0	72.0	69.0	52 600
26.0	70.3	68.3	47 900
28.0	68.5	67.5	43 700
30.0	66.8	66.7	39 500
32.0	65.0	65.8	35 900
34.0	63.1	64.8	32 800
36.0	61.3	63.7	30 100
38.0	59.4	62.6	27 700
40.0	57.5	61.3	25 600
42.0	55.5	60.0	23 600

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
70.1m (230 Ft.) BOOM			
44.0	53.5	58.6	21 900
46.0	51.4	57.0	20 400
48.0	49.3	55.3	18 900 *
50.0	47.1	53.5	17 300 *
52.0	44.8	51.6	15 900 *
54.0	42.4	49.4	14 600 *
56.0	39.9	47.1	13 500 *
58.0	37.3	44.6	12 300 *
60.0	34.5	41.8	11 300 *
62.0	31.4	38.7	10 400 *
64.0	28.1	35.1	9 500 *
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	79 000
18.0	77.7	73.8	71 400
20.0	76.0	73.3	63 400
22.0	74.4	72.8	57 000
24.0	72.8	72.2	51 600
26.0	71.1	71.5	46 900
28.0	69.5	70.8	42 900
30.0	67.8	70.0	39 100
32.0	66.1	69.1	35 500
34.0	64.4	68.2	32 400
36.0	62.6	67.2	29 600
38.0	60.8	66.1	27 200
40.0	59.0	64.9	25 100
42.0	57.1	63.7	23 200
44.0	55.3	62.3	21 500
46.0	53.3	60.9	19 900
48.0	51.3	59.3	18 500
50.0	49.3	57.6	17 000 *
52.0	47.2	55.8	15 600 *
54.0	45.0	53.9	14 300 *
56.0	42.7	51.8	13 200 *
58.0	40.3	49.5	12 100 *
60.0	37.8	47.0	11 100 *
62.0	35.2	44.3	10 100 *
64.0	32.3	41.2	9 200 *
66.0	29.2	37.8	8 400 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
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	70 100
20.0	76.6	76.5	62 600
22.0	75.1	76.0	56 300
24.0	73.5	75.4	51 000
26.0	71.9	74.8	46 400
28.0	70.3	74.1	42 500
30.0	68.7	73.3	39 000
32.0	67.1	72.5	35 500
34.0	65.4	71.6	32 400
36.0	63.8	70.6	29 700
38.0	62.1	69.6	27 200
40.0	60.4	68.5	25 100
42.0	58.6	67.3	23 200
44.0	56.8	66.0	21 500
46.0	55.0	64.6	19 900
48.0	53.1	63.2	18 500
50.0	51.2	61.6	17 200
52.0	49.3	59.9	15 800 *
54.0	47.2	58.1	14 500 *
56.0	45.2	56.2	13 300 *
58.0	43.0	54.1	12 200 *
60.0	40.7	51.8	11 200 *
62.0	38.3	49.4	10 300 *
64.0	35.8	46.7	9 300 *
66.0	33.1	43.8	8 500 *
68.0	30.3	40.5	7 700 *
70.0	27.1	36.8	7 000 *



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14 m/s thru 64.0m Boom
10 m/s from 67.1m thru 100.6m Boom

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	61 500
22.0	75.7	79.1	55 200
24.0	74.2	78.6	50 000
26.0	72.6	78.0	45 500
28.0	71.1	77.3	41 600
30.0	69.6	76.6	38 200
32.0	68.0	75.8	35 100
34.0	66.5	74.9	32 000
36.0	64.9	74.0	29 200
38.0	63.3	73.0	26 800
40.0	61.6	72.0	24 700
42.0	60.0	70.8	22 800
44.0	58.3	69.6	21 000
46.0	56.5	68.3	19 500
48.0	54.8	67.0	18 100
50.0	53.0	65.5	16 800
52.0	51.1	63.9	15 600
54.0	49.3	62.2	14 200 *
56.0	47.3	60.4	13 000 *
58.0	45.3	58.5	11 900 *
60.0	43.2	56.4	10 900 *
62.0	41.1	54.2	9 900 *
64.0	38.8	51.8	9 000 *
66.0	36.4	49.2	8 200 *
68.0	33.9	46.3	7 400 *
70.0	31.2	43.1	6 700 *
72.0	28.2	39.6	6 000 *
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	68 700 *
15.0	81.2	83.7	67 500 *
16.0	80.5	83.5	66 400 *
18.0	79.1	83.2	63 500 *
20.0	77.6	82.7	59 900
22.0	76.2	82.3	54 300
24.0	74.8	81.7	49 100
26.0	73.3	81.2	44 600
28.0	71.8	80.5	40 800
30.0	70.4	79.8	37 400
32.0	68.9	79.1	34 500
34.0	67.4	78.3	31 600
36.0	65.9	77.4	28 900

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
82.3m (270 Ft.) BOOM			
38.0	64.3	76.4	26 400
40.0	62.8	75.4	24 300
42.0	61.2	74.4	22 400
44.0	59.6	73.2	20 700
46.0	57.9	72.0	19 100
48.0	56.3	70.7	17 700
50.0	54.6	69.3	16 400
52.0	52.8	67.8	15 200
54.0	51.1	66.2	14 000 *
56.0	49.2	64.5	12 800 *
58.0	47.4	62.7	11 700 *
60.0	45.4	60.8	10 600 *
62.0	43.4	58.7	9 700 *
64.0	41.4	56.5	8 800 *
66.0	39.2	54.2	7 900 *
68.0	36.9	51.6	7 200 *
70.0	34.5	48.8	6 400 *
72.0	32.0	45.7	5 800 *
74.0	29.2	42.3	5 100 *
76.0	26.2	38.4	4 500 *
85.3m (280 Ft.) BOOM			
12.8	83.0	87.1	64 000 *
13.0	82.8	87.1	63 800 *
14.0	82.2	86.9	62 600 *
15.0	81.5	86.8	61 500 *
16.0	80.8	86.6	60 300 *
18.0	79.4	86.3	58 200 *
20.0	78.1	85.9	56 100 *
22.0	76.7	85.4	53 300
24.0	75.3	84.9	48 500
26.0	73.9	84.3	44 000
28.0	72.5	83.7	40 200
30.0	71.1	83.1	36 900
32.0	69.7	82.3	34 000
34.0	68.2	81.6	31 400
36.0	66.8	80.7	28 800
38.0	65.3	79.8	26 400
40.0	63.8	78.8	24 200
42.0	62.3	77.8	22 300
44.0	60.8	76.7	20 500
46.0	59.2	75.6	19 000
48.0	57.6	74.3	17 500
50.0	56.0	73.0	16 200
52.0	54.4	71.6	15 000
54.0	52.7	70.1	13 900
56.0	51.0	68.5	12 800 *
58.0	49.2	66.8	11 600 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
85.3m (280 Ft.) BOOM			
60.0	47.4	65.0	10 600 *
62.0	45.6	63.1	9 600 *
64.0	43.7	61.1	8 700 *
66.0	41.7	58.9	7 900 *
68.0	39.6	56.5	7 100 *
70.0	37.4	54.0	6 300 *
72.0	35.1	51.2	5 600 *
74.0	32.7	48.2	5 000 *
76.0	30.1	44.9	4 400 *
78.0	27.3	41.2	3 800 *
88.4m (290 Ft.) BOOM			
13.4	82.8	90.1	58 400 *
14.0	82.4	90.0	57 800 *
15.0	81.8	89.9	56 600 *
16.0	81.1	89.7	55 600 *
18.0	79.8	89.4	53 500 *
20.0	78.5	89.0	51 600 *
22.0	77.2	88.5	49 200 *
24.0	75.8	88.0	46 600 *
26.0	74.5	87.5	43 300
28.0	73.1	86.9	39 600
30.0	71.8	86.3	36 300
32.0	70.4	85.6	33 400
34.0	69.0	84.8	30 800
36.0	67.6	84.0	28 400
38.0	66.2	83.2	26 100
40.0	64.8	82.2	23 900
42.0	63.3	81.3	22 000
44.0	61.9	80.2	20 200
46.0	60.4	79.1	18 700
48.0	58.9	77.9	17 300
50.0	57.4	76.7	16 000
52.0	55.8	75.3	14 800
54.0	54.2	73.9	13 700
56.0	52.6	72.4	12 600
58.0	50.9	70.8	11 500 *
60.0	49.2	69.1	10 500 *
62.0	47.5	67.3	9 500 *
64.0	45.7	65.4	8 600 *
66.0	43.8	63.4	7 700 *
68.0	41.9	61.2	6 900 *
70.0	39.9	58.9	6 200 *
72.0	37.9	56.4	5 500 *
74.0	35.7	53.7	4 800 *
76.0	33.4	50.8	4 200 *
78.0	30.9	47.5	3 600 *
80.0	28.3	44.0	3 000 *



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10 m/s from 67.1m thru 100.6m Boom

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
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	39 300 *
30.0	72.4	89.5	36 000 *
32.0	71.1	88.8	33 100 *
34.0	69.7	88.1	30 500 *
36.0	68.4	87.3	28 200 *
38.0	67.0	86.5	26 100 *
40.0	65.7	85.6	24 000 *
42.0	64.3	84.7	22 100 *
44.0	62.9	83.7	20 300 *
46.0	61.5	82.6	18 700 *
48.0	60.0	81.5	17 300 *
50.0	58.6	80.3	16 000 *
52.0	57.1	79.0	14 800 *
54.0	55.6	77.6	13 700 *
56.0	54.0	76.2	12 600 *
58.0	52.5	74.7	11 600 *
60.0	50.9	73.1	10 500 *
62.0	49.2	71.4	9 600 *
64.0	47.5	69.6	8 600 *
66.0	45.8	67.7	7 700 *
68.0	44.0	65.7	7 000 *
70.0	42.2	63.6	6 200 *
72.0	40.3	61.3	5 500 *
74.0	38.3	58.8	4 800 *
76.0	36.2	56.1	4 200 *
78.0	34.0	53.3	3 600 *
80.0	31.7	50.1	3 000 *
82.0	29.2	46.7	2 500 *
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	32 300 *
34.0	70.4	91.3	29 800 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
94.5m (310 Ft.) BOOM			
36.0	69.1	90.6	27 600 *
38.0	67.8	89.8	25 500 *
40.0	66.5	88.9	23 600 *
42.0	65.2	88.0	21 700 *
44.0	63.8	87.1	19 900 *
46.0	62.5	86.0	18 300 *
48.0	61.1	85.0	16 900 *
50.0	59.7	83.8	15 600 *
52.0	58.3	82.6	14 400 *
54.0	56.8	81.3	13 200 *
56.0	55.4	80.0	12 200 *
58.0	53.9	78.5	11 300 *
60.0	52.4	77.0	10 300 *
62.0	50.8	75.4	9 200 *
64.0	49.2	73.7	8 300 *
66.0	47.6	71.9	7 500 *
68.0	45.9	70.0	6 700 *
70.0	44.2	68.0	5 900 *
72.0	42.4	65.9	5 200 *
74.0	40.6	63.6	4 500 *
76.0	38.7	61.2	3 900 *
78.0	36.7	58.6	3 300 *
80.0	34.6	55.7	2 700 *
82.0	32.4	52.7	2 200 *
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	28 900 *
36.0	69.8	93.9	26 900 *
38.0	68.6	93.1	24 800 *
40.0	67.3	92.3	23 000 *
42.0	66.0	91.4	21 200 *
44.0	64.7	90.5	19 500 *
46.0	63.4	89.5	17 900 *
48.0	62.1	88.4	16 500 *
50.0	60.7	87.3	15 200 *
52.0	59.4	86.2	14 000 *
54.0	58.0	84.9	12 800 *
56.0	56.6	83.7	11 800 *
58.0	55.2	82.3	10 900 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
97.5m (320 Ft.) BOOM			
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	5 500 *
72.0	44.4	70.3	4 800 *
74.0	42.6	68.2	4 100 *
76.0	40.9	66.0	3 500 *
78.0	39.0	63.6	2 900 *
80.0	37.1	61.0	2 300 *
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	23 000 *
42.0	66.8	94.7	21 300 *
44.0	65.5	93.8	19 700 *
46.0	64.3	92.9	18 100 *
48.0	63.0	91.9	16 600 *
50.0	61.7	90.8	15 300 *
52.0	60.4	89.7	14 100 *
54.0	59.1	88.5	13 000 *
56.0	57.7	87.3	11 900 *
58.0	56.4	86.0	11 000 *
60.0	55.0	84.6	10 100 *
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	5 800 *
72.0	46.1	74.7	5 100 *
74.0	44.5	72.7	4 400 *
76.0	42.8	70.5	3 800 *
78.0	41.1	68.3	3 200 *
80.0	39.4	65.9	2 600 *
82.0	37.5	63.4	2 100 *