

Liftcrane Boom Capacities

2250 SERIES 2

Boom No. 44 With Heavy Lift Top
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
14 m/s thru 61.0m Boom
10 m/s from 64.0 m thru 91.4m Boom
10 m/s with Jib

LIFTING CAPACITIES: 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.

76.2m thru 91.4m boom lengths require only the middle three sheaves to be used on lower boom point. All other sheaves must be removed from lower boom point.

Weight of jib, all load blocks, hooks, weight ball, slings, etc. beneath boom and jib 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. 179809**, Wire Rope Specification chart **No. 8030-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, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators 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. 8998-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: 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, 94 890 kg crane counterweight, and two 13 610 kg carbody counterweights.

Boom Catwalks Deduct

Deduct 300 kg from capacities when boom catwalks are attached.

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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

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 Crawlers		Over Rear of Blocked Crawlers		Over Side of Crawlers	
Boom Length	Jib No. 132	Boom Length	Jib No. 132	Boom Length	Jib No. 132
(a)(b)(e) 91.4m	—	(a) 91.4m	—	(a)(b)(e) 91.4m	—
(a) 88.4m	—	88.4m	—	(a) 88.4m	—
85.3m	—	85.3m	—	85.3m	—
82.3m	—	82.3m	—	82.3m	—
79.2m	(d) 24.4m	79.2m	24.4m	79.2m	(b)(d) 24.4m
79.2m	(d) 18.3m	76.2m	(e) 36.6m	79.2m	(d) 18.3m
76.2m	(d)(e) 36.6m	73.2m	36.6m	79.2m	(d) 12.2m
76.2m	(d) 30.5m			76.2m	(d) 30.5m
76.2m	(b) 24.4m			76.2m	(d) 24.4m
73.2m	(d)(e) 36.6m			73.2m	(d)(e) 36.6m
73.2m	(d) 30.5m			73.2m	(d) 30.5m
70.1m	(b) 36.6m			73.2m	(b) 24.4m
67.1m	36.6m			70.1m	(d) 36.6m
				67.1m	36.6m

Load block, hook and weight ball on ground at start.

(a) Upper boom point and third line sheave assembly on boom top must be removed.

(b) Machine must be equipped with optional upperworks jacking cylinders.

(c) Boom *must* be rigged with one hoist lead line.

(d) Raising reserve is less than 10% tip weight.

(e) When equipped with boom catwalks, length cannot be raised.

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Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
21.3m (70 Ft.) BOOM			
5.5	82.9	23.5	272 100 *
6.0	81.5	23.4	256 800 *
6.5	80.2	23.3	243 800 *
7.0	78.8	23.2	228 500 *
7.5	77.4	23.1	213 900 *
8.0	76.0	22.9	201 000 *
8.5	74.6	22.8	189 600 *
9.0	73.2	22.6	179 300 *
10.0	70.3	22.2	161 000
11.0	67.4	21.8	140 900
12.0	64.4	21.3	123 200
13.0	61.3	20.7	109 300
14.0	58.1	20.1	98 000
15.0	54.8	19.4	88 700
16.0	51.4	18.5	80 900
18.0	43.8	16.6	68 500
20.0	34.8	13.9	58 500 *
24.4m (80 Ft.) BOOM			
6.1	82.4	26.5	238 500 *
6.5	81.4	26.4	237 100 *
7.0	80.2	26.3	228 100 *
7.5	79.0	26.2	213 500 *
8.0	77.8	26.1	200 600 *
8.5	76.6	26.0	189 100 *
9.0	75.4	25.8	178 200
10.0	72.9	25.5	155 800
11.0	70.4	25.1	138 300
12.0	67.8	24.7	123 200
13.0	65.2	24.2	109 000
14.0	62.6	23.7	97 800
15.0	59.8	23.1	88 400
16.0	57.0	22.4	80 500
18.0	51.1	20.8	68 100
20.0	44.5	18.9	58 800
22.0	37.0	16.4	51 500
24.0	27.6	13.0	43 300

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
27.4m (90 Ft.) BOOM			
6.4	82.6	29.5	226 100 *
6.5	82.4	29.5	225 600 *
7.0	81.3	29.4	223 400 *
7.5	80.3	29.3	213 600 *
8.0	79.2	29.2	200 000
8.5	78.1	29.1	185 300
9.0	77.0	29.0	172 500
10.0	74.9	28.7	151 400
11.0	72.7	28.4	134 700
12.0	70.4	28.0	121 100
13.0	68.2	27.6	109 100
14.0	65.9	27.1	97 600
15.0	63.5	26.6	88 300
16.0	61.1	26.0	80 400
18.0	56.1	24.7	67 900
20.0	50.8	23.1	58 600
22.0	45.0	21.2	51 200
24.0	38.5	18.8	45 300
30.5m (100 Ft.) BOOM			
6.7	82.8	32.6	216 100 *
7.0	82.2	32.5	216 000 *
7.5	81.2	32.4	209 900
8.0	80.3	32.3	193 100
8.5	79.3	32.2	179 300
9.0	78.4	32.1	167 200
10.0	76.4	31.9	147 100
11.0	74.5	31.6	131 100
12.0	72.5	31.2	118 000
13.0	70.5	30.9	107 200
14.0	68.5	30.5	97 400
15.0	66.4	30.0	88 000
16.0	64.3	29.5	80 100
18.0	60.0	28.4	67 600
20.0	55.4	27.0	58 200
22.0	50.6	25.4	50 800
24.0	45.4	23.5	44 900
26.0	39.7	21.2	40 100
28.0	33.1	18.3	36 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
33.5m (110 Ft.) BOOM			
7.0	82.9	35.6	169 800 *
7.5	82.0	35.5	167 900 *
8.0	81.2	35.4	166 200 *
8.5	80.3	35.3	164 500 *
9.0	79.4	35.2	161 600
10.0	77.7	35.0	143 300
11.0	75.9	34.7	128 000
12.0	74.1	34.4	115 500
13.0	72.3	34.1	105 000
14.0	70.5	33.8	96 100
15.0	68.7	33.3	88 200
16.0	66.8	32.9	80 200
18.0	63.0	31.9	67 700
20.0	59.0	30.7	58 300
22.0	54.9	29.3	50 800
24.0	50.5	27.7	44 900
26.0	45.8	25.8	40 000
28.0	40.6	23.6	36 000
30.0	34.9	20.9	32 600
32.0	28.0	17.4	29 700
36.6m (120 Ft.) BOOM			
7.3	83.0	38.6	164 900 *
7.5	82.7	38.6	164 300 *
8.0	81.9	38.5	162 600 *
8.5	81.1	38.4	161 000 *
9.0	80.3	38.3	157 700
10.0	78.7	38.1	139 300
11.0	77.1	37.9	124 600
12.0	75.5	37.6	112 600
13.0	73.9	37.3	102 500
14.0	72.2	37.0	93 900
15.0	70.5	36.6	86 500
16.0	68.9	36.2	79 700
18.0	65.4	35.3	67 300
20.0	61.9	34.3	57 800
22.0	58.2	33.1	50 400
24.0	54.4	31.7	44 400
26.0	50.4	30.0	39 500
28.0	46.1	28.2	35 500
30.0	41.4	26.0	32 000
32.0	36.3	23.4	29 100
34.0	30.3	20.1	26 600



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Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
39.6m (130 Ft.) BOOM			
7.9	82.7	41.6	159 000 *
8.0	82.6	41.6	158 800 *
8.5	81.8	41.5	157 300 *
9.0	81.1	41.4	153 800
10.0	79.6	41.3	135 800
11.0	78.1	41.0	121 700
12.0	76.6	40.8	110 100
13.0	75.1	40.5	100 300
14.0	73.6	40.2	92 100
15.0	72.1	39.9	84 900
16.0	70.6	39.5	78 600
18.0	67.4	38.7	67 400
20.0	64.2	37.7	57 800
22.0	60.9	36.6	50 300
24.0	57.5	35.4	44 300
26.0	54.0	34.0	39 400
28.0	50.3	32.3	35 300
30.0	46.3	30.5	31 900
32.0	42.0	28.3	28 900
34.0	37.4	25.8	26 400
36.0	32.2	22.8	24 200
38.0	25.9	19.0	22 300
42.7m (140 Ft.) BOOM			
8.2	82.8	44.7	155 000 *
8.5	82.4	44.6	154 300 *
9.0	81.7	44.5	149 100
10.0	80.4	44.4	132 100
11.0	79.0	44.2	118 500
12.0	77.6	43.9	107 400
13.0	76.2	43.7	97 900
14.0	74.8	43.4	89 900
15.0	73.4	43.1	83 000
16.0	72.0	42.8	76 900
18.0	69.1	42.0	66 600
20.0	66.2	41.1	57 300
22.0	63.2	40.1	49 900
24.0	60.1	39.0	43 900
26.0	56.9	37.7	39 000
28.0	53.6	36.3	34 900
30.0	50.2	34.6	31 400
32.0	46.5	32.8	28 400
34.0	42.6	30.7	25 900
36.0	38.3	28.2	23 700
38.0	33.6	25.3	21 700

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
45.7m (150 Ft.) BOOM			
8.5	82.9	47.7	137 100 *
9.0	82.3	47.6	135 800 *
10.0	81.0	47.5	129 500
11.0	79.7	47.3	115 700
12.0	78.5	47.1	104 900
13.0	77.2	46.8	95 900
14.0	75.9	46.6	88 000
15.0	74.6	46.3	81 300
16.0	73.3	46.0	75 400
18.0	70.6	45.3	65 600
20.0	67.9	44.5	57 200
22.0	65.2	43.6	49 600
24.0	62.3	42.5	43 600
26.0	59.4	41.4	38 700
28.0	56.4	40.0	34 600
30.0	53.3	38.6	31 100
32.0	50.1	36.9	28 200
34.0	46.7	35.1	25 600
36.0	43.0	33.0	23 300
38.0	39.1	30.6	21 400
40.0	34.9	27.8	19 600
42.0	30.1	24.6	18 200
48.8m (160 Ft.) BOOM			
8.8	83.0	50.7	132 400 *
9.0	82.8	50.7	132 000 *
10.0	81.6	50.6	126 200
11.0	80.4	50.4	113 000
12.0	79.2	50.2	102 600
13.0	78.0	50.0	93 800
14.0	76.8	49.7	86 200
15.0	75.6	49.4	79 600
16.0	74.3	49.2	73 900
18.0	71.9	48.5	64 300
20.0	69.4	47.8	56 600
22.0	66.8	46.9	49 400
24.0	64.2	46.0	43 400
26.0	61.5	44.9	38 400
28.0	58.8	43.7	34 300
30.0	56.0	42.4	30 800
32.0	53.1	40.9	27 800
34.0	50.0	39.2	25 200
36.0	46.8	37.4	23 000
38.0	43.4	35.3	21 000
40.0	39.8	33.0	19 200
42.0	35.9	30.3	17 700
44.0	31.6	27.2	16 300

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	128 800 *
10.0	82.1	53.6	123 100
11.0	81.0	53.5	110 400
12.0	79.8	53.3	100 300
13.0	78.7	53.1	91 800
14.0	77.6	52.9	84 500
15.0	76.4	52.6	78 100
16.0	75.3	52.3	72 500
18.0	73.0	51.7	63 100
20.0	70.6	51.0	55 600
22.0	68.3	50.2	49 200
24.0	65.8	49.4	43 200
26.0	63.4	48.4	38 200
28.0	60.8	47.3	34 100
30.0	58.3	46.0	30 600
32.0	55.6	44.7	27 600
34.0	52.8	43.2	25 000
36.0	50.0	41.5	22 700
38.0	47.0	39.7	20 700
40.0	43.8	37.7	19 000
42.0	40.4	35.4	17 400
44.0	36.8	32.8	16 000
46.0	32.8	29.8	14 800
48.0	28.4	26.3	13 700

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Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	122 400
10.0	82.5	56.7	119 300
11.0	81.5	56.6	107 700
12.0	80.4	56.4	98 000
13.0	79.3	56.2	89 700
14.0	78.3	56.0	82 600
15.0	77.2	55.7	76 300
16.0	76.1	55.5	70 900
18.0	74.0	54.9	61 700
20.0	71.8	54.3	54 400
22.0	69.5	53.5	48 300
24.0	67.3	52.7	42 800
26.0	65.0	51.8	37 800
28.0	62.6	50.7	33 600
30.0	60.2	49.6	30 100
32.0	57.8	48.4	27 100
34.0	55.2	47.0	24 500
36.0	52.6	45.5	22 300
38.0	49.9	43.8	20 300
40.0	47.1	42.0	18 500
42.0	44.1	40.0	16 900
44.0	41.0	37.7	15 500
46.0	37.6	35.2	14 300
48.0	33.9	32.3	13 100
50.0	29.9	29.0	12 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) BOOM			
10.4	82.6	59.7	109 400 *
11.0	81.9	59.7	105 300
12.0	80.9	59.5	95 900
13.0	79.9	59.3	87 900
14.0	78.9	59.1	81 000
15.0	77.9	58.9	74 900
16.0	76.9	58.6	69 600
18.0	74.8	58.1	60 600
20.0	72.8	57.5	53 400
22.0	70.7	56.8	47 500
24.0	68.5	56.0	42 400
26.0	66.4	55.1	37 600
28.0	64.2	54.2	33 500
30.0	61.9	53.1	29 900
32.0	59.7	52.0	26 900
34.0	57.3	50.7	24 300
36.0	54.9	49.3	22 000
38.0	52.4	47.8	20 000
40.0	49.9	46.1	18 200
42.0	47.2	44.3	16 700
44.0	44.4	42.3	15 200
46.0	41.4	40.1	14 000
48.0	38.3	37.6	12 800
50.0	34.9	34.8	11 800
52.0	31.2	31.6	10 800

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
61.0m (200 Ft.) BOOM			
10.4	82.9	62.8	105 800 *
11.0	82.3	62.7	103 000
12.0	81.4	62.6	93 800
13.0	80.4	62.4	86 100
14.0	79.5	62.2	79 400
15.0	78.5	62.0	73 500
16.0	77.5	61.8	68 300
18.0	75.6	61.3	59 600
20.0	73.6	60.7	52 500
22.0	71.7	60.0	46 700
24.0	69.7	59.3	41 800
26.0	67.6	58.5	37 400
28.0	65.6	57.6	33 200
30.0	63.5	56.6	29 700
32.0	61.3	55.5	26 700
34.0	59.2	54.3	24 100
36.0	56.9	53.0	21 800
38.0	54.6	51.6	19 800
40.0	52.3	50.1	17 900
42.0	49.8	48.4	16 400
44.0	47.3	46.6	14 900
46.0	44.6	44.6	13 700
48.0	41.8	42.4	12 500
50.0	38.9	40.0	11 400
52.0	35.7	37.3	10 500
54.0	32.3	34.2	9 600
56.0	28.5	30.7	8 800

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Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
64.0m (210 Ft.) BOOM			
11.0	82.7	65.8	100 900
12.0	81.8	65.7	91 800
13.0	80.9	65.5	84 300
14.0	80.0	65.3	77 800
15.0	79.1	65.1	72 000
16.0	78.1	64.9	67 000
18.0	76.3	64.4	58 400
20.0	74.4	63.9	51 500
22.0	72.6	63.2	45 800
24.0	70.7	62.5	41 000
26.0	68.8	61.8	36 900
28.0	66.8	60.9	33 000
30.0	64.8	60.0	29 500
32.0	62.8	59.0	26 400
34.0	60.8	57.9	23 800
36.0	58.7	56.7	21 500
38.0	56.6	55.4	19 500
40.0	54.4	53.9	17 700
42.0	52.1	52.4	16 100
44.0	49.8	50.7	14 600
46.0	47.4	48.9	13 400
48.0	44.8	46.9	12 200
50.0	42.2	44.8	11 100
52.0	39.4	42.4	10 200
54.0	36.4	39.7	9 300
56.0	33.2	36.8	8 500
58.0	29.7	33.4	7 800

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
67.1m (220 Ft.) BOOM			
11.6	82.5	68.8	93 100
12.0	82.2	68.7	89 800
13.0	81.3	68.6	82 400
14.0	80.4	68.4	76 000
15.0	79.6	68.2	70 400
16.0	78.7	68.0	65 500
18.0	76.9	67.6	57 100
20.0	75.2	67.0	50 400
22.0	73.4	66.4	44 700
24.0	71.6	65.8	40 000
26.0	69.8	65.1	36 000
28.0	67.9	64.2	32 400
30.0	66.1	63.4	29 000
32.0	64.2	62.4	26 000
34.0	62.2	61.4	23 400
36.0	60.3	60.2	21 100
38.0	58.3	59.0	19 000
40.0	56.2	57.7	17 200
42.0	54.1	56.3	15 600
44.0	52.0	54.7	14 200
46.0	49.7	53.0	12 900
48.0	47.4	51.2	11 700
50.0	45.0	49.3	10 700
52.0	42.5	47.1	9 700
54.0	39.9	44.8	8 800
56.0	37.1	42.2	8 000
58.0	34.1	39.3	7 300
60.0	30.9	36.1	6 600
62.0	27.3	32.4	6 000

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
70.1m (230 Ft.) BOOM			
11.6	82.9	71.9	87 600 *
12.0	82.5	71.8	86 800
13.0	81.7	71.7	80 800
14.0	80.9	71.5	74 600
15.0	80.0	71.3	69 200
16.0	79.2	71.1	64 400
18.0	77.5	70.7	56 200
20.0	75.8	70.2	49 500
22.0	74.1	69.6	44 000
24.0	72.4	69.0	39 300
26.0	70.7	68.3	35 400
28.0	68.9	67.5	31 900
30.0	67.2	66.7	28 800
32.0	65.4	65.8	25 900
34.0	63.6	64.8	23 200
36.0	61.7	63.7	20 900
38.0	59.8	62.6	18 900
40.0	57.9	61.3	17 100
42.0	55.9	60.0	15 500
44.0	53.9	58.6	14 000
46.0	51.8	57.0	12 700
48.0	49.7	55.3	11 500
50.0	47.5	53.5	10 400
52.0	45.2	51.6	9 500
54.0	42.8	49.4	8 600
56.0	40.3	47.1	7 800
58.0	37.7	44.6	7 000
60.0	34.9	41.8	6 300
62.0	31.8	38.7	5 700
64.0	28.5	35.1	5 100

Liftcrane Boom Capacities

2250 SERIES 2

Boom No. 44 With Heavy Lift Top
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
14 m/s thru 61.0m Boom
10 m/s from 64.0 m thru 91.4m Boom
10 m/s with Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
73.2m (240 Ft.) BOOM			
12.2	82.7	74.9	84 200 *
13.0	82.0	74.8	79 100
14.0	81.2	74.6	73 000
15.0	80.4	74.4	67 700
16.0	79.6	74.2	62 900
18.0	78.0	73.8	54 900
20.0	76.4	73.3	48 400
22.0	74.8	72.8	43 000
24.0	73.2	72.2	38 400
26.0	71.5	71.5	34 500
28.0	69.9	70.8	31 100
30.0	68.2	70.0	28 100
32.0	66.5	69.2	25 400
34.0	64.7	68.2	22 800
36.0	63.0	67.2	20 500
38.0	61.2	66.1	18 500
40.0	59.4	64.9	16 600
42.0	57.5	63.7	15 000
44.0	55.6	62.3	13 600
46.0	53.7	60.9	12 200
48.0	51.7	59.3	11 000
50.0	49.7	57.6	10 000
52.0	47.6	55.8	9 000
54.0	45.4	53.9	8 100
56.0	43.1	51.8	7 300
58.0	40.7	49.5	6 500
60.0	38.2	47.0	5 800
62.0	35.6	44.3	5 200
64.0	32.7	41.2	4 600
66.0	29.6	37.8	4 100
68.0	26.2	34.0	3 600

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
76.2m (250 Ft.) BOOM			
12.2	83.0	78.0	81 200 *
13.0	82.4	77.8	78 600
14.0	81.6	77.7	72 500
15.0	80.8	77.5	67 300
16.0	80.1	77.3	62 700
18.0	78.5	76.9	54 800
20.0	77.0	76.5	48 500
22.0	75.4	76.0	43 100
24.0	73.9	75.4	38 600
26.0	72.3	74.8	34 800
28.0	70.7	74.1	31 400
30.0	69.1	73.3	28 500
32.0	67.5	72.5	25 900
34.0	65.8	71.6	23 500
36.0	64.2	70.6	21 100
38.0	62.5	69.6	19 100
40.0	60.7	68.5	17 200
42.0	59.0	67.3	15 600
44.0	57.2	66.0	14 100
46.0	55.4	64.6	12 800
48.0	53.5	63.2	11 600
50.0	51.6	61.6	10 500
52.0	49.6	59.9	9 600
54.0	47.6	58.1	8 600
56.0	45.5	56.2	7 800
58.0	43.4	54.1	7 000
60.0	41.1	51.8	6 300
62.0	38.7	49.4	5 700
64.0	36.2	46.7	5 100
66.0	33.5	43.8	4 500
68.0	30.6	40.5	4 000
70.0	27.5	36.8	3 600

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
79.2m (260 Ft.) BOOM			
12.8	82.8	81.0	76 800 *
13.0	82.7	80.9	75 900
14.0	81.9	80.8	70 900
15.0	81.2	80.6	65 800
16.0	80.5	80.4	61 400
18.0	79.0	80.1	53 700
20.0	77.5	79.6	47 400
22.0	76.0	79.1	42 200
24.0	74.5	78.6	37 700
26.0	73.0	78.0	33 900
28.0	71.5	77.3	30 600
30.0	69.9	76.6	27 700
32.0	68.4	75.8	25 200
34.0	66.8	74.9	22 900
36.0	65.2	74.0	20 700
38.0	63.6	73.0	18 600
40.0	62.0	72.0	16 800
42.0	60.3	70.8	15 200
44.0	58.6	69.6	13 700
46.0	56.9	68.3	12 400
48.0	55.1	67.0	11 200
50.0	53.3	65.5	10 100
52.0	51.5	63.9	9 100
54.0	49.6	62.2	8 200
56.0	47.7	60.4	7 400
58.0	45.7	58.5	6 600
60.0	43.6	56.4	5 900
62.0	41.4	54.2	5 200
64.0	39.1	51.8	4 600
66.0	36.8	49.2	4 000
68.0	34.2	46.3	3 500
70.0	31.5	43.1	3 100
72.0	28.6	39.6	2 600



Liftcrane Boom Capacities

2250 SERIES 2

Boom No. 44 With Heavy Lift Top
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds

14 m/s thru 61.0m Boom

10 m/s from 64.0 m thru 91.4m Boom

10 m/s with Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
82.3m (270 Ft.) BOOM			
13.4	82.6	83.9	68 300 *
14.0	82.2	83.9	67 600 *
15.0	81.5	83.7	64 600
16.0	80.8	83.5	60 000
18.0	79.4	83.2	52 500
20.0	78.0	82.7	46 400
22.0	76.5	82.3	41 200
24.0	75.1	81.7	36 900
26.0	73.7	81.2	33 100
28.0	72.2	80.5	29 800
30.0	70.7	79.8	27 000
32.0	69.2	79.1	24 400
34.0	67.7	78.3	22 200
36.0	66.2	77.4	20 200
38.0	64.7	76.4	18 200
40.0	63.1	75.4	16 400
42.0	61.5	74.4	14 800
44.0	59.9	73.2	13 300
46.0	58.3	72.0	12 000
48.0	56.6	70.7	10 800
50.0	54.9	69.3	9 700
52.0	53.2	67.8	8 700
54.0	51.4	66.2	7 800
56.0	49.6	64.5	7 000
58.0	47.7	62.7	6 200
60.0	45.8	60.8	5 500
62.0	43.8	58.8	4 800
64.0	41.7	56.5	4 200
66.0	39.6	54.2	3 600
68.0	37.3	51.6	3 100
70.0	34.9	48.8	2 600
72.0	32.3	45.7	2 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
85.3m (280 Ft.) BOOM			
13.4	82.9	87.0	64 700 *
14.0	82.5	86.9	64 400 *
15.0	81.8	86.8	63 300
16.0	81.1	86.6	60 100
18.0	79.8	86.3	52 100
20.0	78.4	85.9	46 100
22.0	77.0	85.4	40 900
24.0	75.6	84.9	36 600
26.0	74.3	84.3	32 900
28.0	72.8	83.7	29 700
30.0	71.4	83.1	26 900
32.0	70.0	82.3	24 400
34.0	68.6	81.6	22 200
36.0	67.1	80.7	20 200
38.0	65.6	79.8	18 400
40.0	64.1	78.9	16 600
42.0	62.6	77.8	15 000
44.0	61.1	76.7	13 500
46.0	59.5	75.6	12 200
48.0	58.0	74.3	10 900
50.0	56.4	73.0	9 800
52.0	54.7	71.6	8 800
54.0	53.0	70.1	7 900
56.0	51.3	68.5	7 000
58.0	49.6	66.8	6 200
60.0	47.8	65.0	5 500
62.0	45.9	63.1	4 800
64.0	44.0	61.1	4 200
66.0	42.0	58.9	3 600
68.0	39.9	56.5	3 100
70.0	37.8	54.0	2 600
72.0	35.5	51.2	2 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
88.4m (290 Ft.) BOOM			
14.0	82.7	90.0	59 800 *
15.0	82.1	89.9	59 400 *
16.0	81.5	89.7	57 900
18.0	80.1	89.4	51 400
20.0	78.8	89.0	45 200
22.0	77.5	88.5	40 300
24.0	76.2	88.0	36 000
26.0	74.8	87.5	32 400
28.0	73.5	86.9	29 200
30.0	72.1	86.3	26 400
32.0	70.7	85.6	23 900
34.0	69.3	84.8	21 700
36.0	67.9	84.0	19 700
38.0	66.5	83.2	18 000
40.0	65.1	82.2	16 300
42.0	63.7	81.3	14 800
44.0	62.2	80.2	13 300
46.0	60.7	79.1	12 000
48.0	59.2	77.9	10 800
50.0	57.7	76.7	9 700
52.0	56.1	75.3	8 700
54.0	54.5	73.9	7 700
56.0	52.9	72.4	6 900
58.0	51.3	70.8	6 100
60.0	49.6	69.1	5 300
62.0	47.8	67.3	4 600
64.0	46.0	65.4	4 000
66.0	44.2	63.4	3 400
68.0	42.3	61.2	2 900
70.0	40.3	58.9	2 400

Liftcrane Boom Capacities

2250 SERIES 2

Boom No. 44 With Heavy Lift Top
94 890 kg Crane Counterweight
27 220 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
14 m/s thru 61.0m Boom
10 m/s from 64.0 m thru 91.4m Boom
10 m/s with Jib

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
91.4m (300 Ft.) BOOM			
14.0	83.0	93.1	55 900 *
15.0	82.4	93.0	55 400 *
16.0	81.7	92.8	54 600 *
18.0	80.5	92.5	50 400
20.0	79.2	92.1	44 300
22.0	77.9	91.7	39 300
24.0	76.6	91.2	35 200
26.0	75.3	90.7	31 500
28.0	74.0	90.1	28 400
30.0	72.7	89.5	25 600
32.0	71.4	88.8	23 200
34.0	70.1	88.1	21 000
36.0	68.7	87.3	19 100
38.0	67.4	86.5	17 300
40.0	66.0	85.6	15 700
42.0	64.6	84.7	14 300
44.0	63.2	83.7	12 900
46.0	61.8	82.6	11 600
48.0	60.3	81.5	10 300
50.0	58.9	80.3	9 200
52.0	57.4	79.0	8 200
54.0	55.9	77.6	7 300
56.0	54.3	76.2	6 400
58.0	52.8	74.7	5 600
60.0	51.2	73.1	4 900
62.0	49.5	71.4	4 200
64.0	47.9	69.6	3 600
66.0	46.1	67.7	3 000
68.0	44.3	65.7	2 500
70.0	42.5	63.6	1 900