



Liftcrane Boom Capacities

2250 SERIES 3

Boom No. 44 With Heavy Lift Top
113 040 kg Crane Counterweight
54 430 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, 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 and Jib Lengths Lifted Unassisted Over Front, Side or Rear of Crawlers

Boom Length	Jib No. 132
(a) 91.4m	—
88.4m	—
85.3m	—
82.3m	—
79.2m	24.4m
76.2m	30.5m
76.2m	(b) 36.6m
73.2m	36.6m

Load block, hook and weight ball on ground at start.
(a) When equipped with boom catwalks, upper boom point cannot be used on 91.4m boom and (b) 36.6m jib on 76.2m boom cannot be raised.

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.

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	248 100 *
7.0	78.8	23.2	238 200 *
7.5	77.4	23.1	223 100 *
8.0	76.0	22.9	209 700 *
8.5	74.6	22.8	197 800 *
9.0	73.2	22.6	187 100 *
10.0	70.3	22.2	168 700 *
11.0	67.4	21.8	152 500 *
12.0	64.4	21.3	134 300 *
13.0	61.3	20.7	119 600 *
14.0	58.1	20.1	107 500 *
15.0	54.8	19.4	97 200 *
16.0	51.4	18.5	88 400 *
18.0	43.8	16.6	73 500 *
20.0	34.8	13.9	58 200 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
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	235 200 *
7.5	79.0	26.2	222 900 *
8.0	77.8	26.1	209 200 *
8.5	76.6	26.0	197 300 *
9.0	75.4	25.8	186 600 *
10.0	72.9	25.5	168 200 *
11.0	70.4	25.1	153 100 *
12.0	67.8	24.7	137 900 *
13.0	65.2	24.2	122 600 *
14.0	62.6	23.7	110 100 *
15.0	59.8	23.1	99 600 *
16.0	57.0	22.4	90 700 *
18.0	51.1	20.8	76 300 *
20.0	44.5	18.9	65 100 *
22.0	37.0	16.4	54 600 *
24.0	27.6	13.0	43 100 *

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	220 400 *
8.0	79.2	29.2	209 000 *
8.5	78.1	29.1	197 000 *
9.0	77.0	29.0	186 400 *
10.0	74.9	28.7	168 000 *
11.0	72.7	28.4	152 800 *
12.0	70.4	28.0	139 900 *
13.0	68.2	27.6	125 400 *
14.0	65.9	27.1	112 700 *
15.0	63.5	26.6	102 000 *
16.0	61.1	26.0	92 900 *
18.0	56.1	24.7	78 200 *
20.0	50.8	23.1	66 900 *
22.0	45.0	21.2	57 900 *
24.0	38.5	18.8	50 200 *

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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
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	213 900 *
8.0	80.3	32.3	209 000 *
8.5	79.3	32.2	196 600 *
9.0	78.4	32.1	186 000 *
10.0	76.4	31.9	167 600 *
11.0	74.5	31.6	152 400 *
12.0	72.5	31.2	139 700 *
13.0	70.5	30.9	128 100 *
14.0	68.5	30.5	114 800 *
15.0	66.4	30.0	104 000 *
16.0	64.3	29.5	94 600 *
18.0	60.0	28.4	79 700 *
20.0	55.4	27.0	68 200 *
22.0	50.6	25.4	59 100 *
24.0	45.4	23.5	51 700 *
26.0	39.7	21.2	45 500 *
28.0	33.1	18.3	39 300 *
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	162 900 *
10.0	77.7	35.0	160 000 *
11.0	75.9	34.7	152 400 *
12.0	74.1	34.4	139 300 *
13.0	72.3	34.1	127 100 *
14.0	70.5	33.8	116 600 *
15.0	68.7	33.3	106 500 *
16.0	66.8	32.9	96 800 *
18.0	63.0	31.9	81 600 *
20.0	59.0	30.7	69 900 *
22.0	54.9	29.3	60 600 *
24.0	50.5	27.7	53 000 *
26.0	45.8	25.8	46 800 *
28.0	40.6	23.6	41 400 *
30.0	34.9	20.9	36 700 *
32.0	28.0	17.4	30 800 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
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	159 500 *
10.0	78.7	38.1	156 800 *
11.0	77.1	37.9	150 600 *
12.0	75.5	37.6	136 100 *
13.0	73.9	37.3	124 100 *
14.0	72.2	37.0	114 000 *
15.0	70.5	36.6	105 200 *
16.0	68.9	36.2	97 000 *
18.0	65.4	35.3	82 000 *
20.0	61.9	34.3	70 700 *
22.0	58.2	33.1	61 300 *
24.0	54.4	31.7	53 600 *
26.0	50.4	30.0	47 300 *
28.0	46.1	28.2	42 000 *
30.0	41.4	26.0	37 400 *
32.0	36.3	23.4	33 500 *
34.0	30.3	20.1	29 300 *
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	155 900 *
10.0	79.6	41.3	153 300 *
11.0	78.1	41.0	147 100 *
12.0	76.6	40.8	133 200 *
13.0	75.1	40.5	121 600 *
14.0	73.6	40.2	111 800 *
15.0	72.1	39.9	103 300 *
16.0	70.6	39.5	95 800 *
18.0	67.4	38.7	82 100 *
20.0	64.2	37.7	70 700 *
22.0	60.9	36.6	61 800 *
24.0	57.5	35.4	54 500 *
26.0	54.0	34.0	48 200 *
28.0	50.3	32.3	42 800 *
30.0	46.3	30.5	38 200 *
32.0	42.0	28.3	34 300 *
34.0	37.4	25.8	30 800 *
36.0	32.2	22.8	27 600 *
38.0	25.9	19.0	23 300 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
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	152 900 *
10.0	80.4	44.4	150 500 *
11.0	79.0	44.2	143 400 *
12.0	77.6	43.9	130 000 *
13.0	76.2	43.7	118 800 *
14.0	74.8	43.4	109 300 *
15.0	73.4	43.1	101 000 *
16.0	72.0	42.8	93 800 *
18.0	69.1	42.0	81 400 *
20.0	66.2	41.1	70 200 *
22.0	63.2	40.1	61 400 *
24.0	60.1	39.0	54 300 *
26.0	56.9	37.7	48 500 *
28.0	53.6	36.3	43 100 *
30.0	50.2	34.6	38 500 *
32.0	46.5	32.8	34 500 *
34.0	42.6	30.7	31 100 *
36.0	38.3	28.2	28 000 *
38.0	33.6	25.3	25 300 *
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	133 100 *
11.0	79.7	47.3	130 700 *
12.0	78.5	47.1	126 700 *
13.0	77.2	46.8	116 400 *
14.0	75.9	46.6	107 100 *
15.0	74.6	46.3	99 100 *
16.0	73.3	46.0	92 100 *
18.0	70.6	45.3	80 500 *
20.0	67.9	44.5	70 100 *
22.0	65.2	43.6	61 200 *
24.0	62.3	42.5	54 000 *
26.0	59.4	41.4	48 200 *
28.0	56.4	40.0	43 300 *
30.0	53.3	38.6	39 000 *
32.0	50.1	36.9	34 900 *
34.0	46.7	35.1	31 400 *
36.0	43.0	33.0	28 300 *
38.0	39.1	30.6	25 600 *
40.0	34.9	27.8	23 200 *
42.0	30.1	24.6	20 800 *

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Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
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	129 600 *
11.0	80.4	50.4	127 400 *
12.0	79.2	50.2	123 800 *
13.0	78.0	50.0	114 000
14.0	76.8	49.7	105 000
15.0	75.6	49.4	97 200
16.0	74.3	49.2	90 300
18.0	71.9	48.5	79 000
20.0	69.4	47.8	69 800
22.0	66.8	46.9	60 900
24.0	64.2	46.0	53 800
26.0	61.5	44.9	47 900
28.0	58.8	43.7	43 000
30.0	56.0	42.4	38 900
32.0	53.1	40.9	35 200
34.0	50.0	39.2	31 600 *
36.0	46.8	37.4	28 500 *
38.0	43.4	35.3	25 800 *
40.0	39.8	33.0	23 400 *
42.0	35.9	30.3	21 200 *
44.0	31.6	27.2	19 100 *
51.8m (170 Ft.) BOOM			
9.1	83.0	53.8	128 800 *
10.0	82.1	53.6	126 900 *
11.0	81.0	53.5	124 900 *
12.0	79.8	53.3	121 300
13.0	78.7	53.1	111 700
14.0	77.6	52.9	103 000
15.0	76.4	52.6	95 400
16.0	75.3	52.3	88 800
18.0	73.0	51.7	77 600
20.0	70.6	51.0	68 700
22.0	68.3	50.2	60 800
24.0	65.8	49.4	53 600
26.0	63.4	48.4	47 700
28.0	60.8	47.3	42 800
30.0	58.3	46.0	38 600
32.0	55.6	44.7	35 100
34.0	52.8	43.2	31 900
36.0	50.0	41.5	28 800 *
38.0	47.0	39.7	26 100 *
40.0	43.8	37.7	23 600 *
42.0	40.4	35.4	21 400 *
44.0	36.8	32.8	19 400 *
46.0	32.8	29.8	17 700 *
48.0	28.4	26.3	15 800 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
54.9m (180 Ft.) BOOM			
9.8	82.8	56.8	124 500 *
10.0	82.5	56.7	124 000 *
11.0	81.5	56.6	122 200 *
12.0	80.4	56.4	118 700
13.0	79.3	56.2	109 200
14.0	78.3	56.0	100 800
15.0	77.2	55.7	93 400
16.0	76.1	55.5	86 900
18.0	74.0	54.9	76 100
20.0	71.8	54.3	67 300
22.0	69.5	53.5	60 000
24.0	67.3	52.7	53 200
26.0	65.0	51.8	47 200
28.0	62.6	50.7	42 400
30.0	60.2	49.6	38 200
32.0	57.8	48.4	34 600
34.0	55.2	47.0	31 500
36.0	52.6	45.5	28 700
38.0	49.9	43.8	26 000 *
40.0	47.1	42.0	23 500 *
42.0	44.1	40.0	21 300 *
44.0	41.0	37.7	19 400 *
46.0	37.6	35.2	17 500 *
48.0	33.9	32.3	15 900 *
50.0	29.9	29.0	14 400 *

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	108 200 *
12.0	80.9	59.5	106 500 *
13.0	79.9	59.3	104 700
14.0	78.9	59.1	99 000
15.0	77.9	58.9	91 700
16.0	76.9	58.6	85 400
18.0	74.8	58.1	74 800
20.0	72.8	57.5	66 300
22.0	70.7	56.8	59 200
24.0	68.5	56.0	53 000
26.0	66.4	55.1	47 100
28.0	64.2	54.2	42 200
30.0	61.9	53.1	38 000
32.0	59.7	52.0	34 400
34.0	57.3	50.7	31 300
36.0	54.9	49.3	28 600
38.0	52.4	47.8	26 200
40.0	49.9	46.1	23 700 *
42.0	47.2	44.3	21 400 *
44.0	44.4	42.3	19 500 *
46.0	41.4	40.1	17 600 *
48.0	38.3	37.6	16 000 *
50.0	34.9	34.8	14 500 *
52.0	31.2	31.6	13 100 *

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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	104 800 *
12.0	81.4	62.6	103 200 *
13.0	80.4	62.4	101 800 *
14.0	79.5	62.2	97 100
15.0	78.5	62.0	90 100
16.0	77.5	61.8	83 900
18.0	75.6	61.3	73 500
20.0	73.6	60.7	65 100
22.0	71.7	60.0	58 200
24.0	69.7	59.3	52 400
26.0	67.6	58.5	46 900
28.0	65.6	57.6	41 900
30.0	63.5	56.6	37 800
32.0	61.3	55.5	34 200
34.0	59.2	54.3	31 100
36.0	56.9	53.0	28 400
38.0	54.6	51.6	26 000
40.0	52.3	50.1	23 800
42.0	49.8	48.4	21 500 *
44.0	47.3	46.6	19 500 *
46.0	44.6	44.6	17 700 *
48.0	41.8	42.4	16 000 *
50.0	38.9	40.0	14 500 *
52.0	35.7	37.3	13 100 *
54.0	32.3	34.2	11 800 *
56.0	28.5	30.7	10 600 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
64.0m (210 Ft.) BOOM			
11.0	82.7	65.8	102 100 *
12.0	81.8	65.7	100 800 *
13.0	80.9	65.5	98 800 *
14.0	80.0	65.3	95 000 *
15.0	79.1	65.1	88 400
16.0	78.1	64.9	82 400
18.0	76.3	64.4	72 200
20.0	74.4	63.9	64 100
22.0	72.6	63.2	57 200
24.0	70.7	62.5	51 600
26.0	68.8	61.8	46 700
28.0	66.8	60.9	41 700
30.0	64.8	60.0	37 500
32.0	62.8	59.0	33 900
34.0	60.8	57.9	30 800
36.0	58.7	56.7	28 100
38.0	56.6	55.4	25 700
40.0	54.4	53.9	23 600
42.0	52.1	52.4	21 600
44.0	49.8	50.7	19 600 *
46.0	47.4	48.9	17 700 *
48.0	44.8	46.9	16 000 *
50.0	42.2	44.8	14 500 *
52.0	39.4	42.4	13 100 *
54.0	36.4	39.7	11 800 *
56.0	33.2	36.8	10 700 *
58.0	29.7	33.4	9 600 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
67.1m (220 Ft.) BOOM			
11.6	82.5	68.8	98 500 *
12.0	82.2	68.7	97 700 *
13.0	81.3	68.6	94 400 *
14.0	80.4	68.4	90 800 *
15.0	79.6	68.2	86 700
16.0	78.7	68.0	80 900
18.0	76.9	67.6	70 800
20.0	75.2	67.0	62 800
22.0	73.4	66.4	56 100
24.0	71.6	65.8	50 500
26.0	69.8	65.1	45 700
28.0	67.9	64.2	41 300
30.0	66.1	63.4	37 100
32.0	64.2	62.4	33 500
34.0	62.2	61.4	30 400
36.0	60.3	60.2	27 600
38.0	58.3	59.0	25 200
40.0	56.2	57.7	23 100
42.0	54.1	56.3	21 200
44.0	52.0	54.7	19 300
46.0	49.7	53.0	17 500 *
48.0	47.4	51.2	15 800 *
50.0	45.0	49.3	14 300 *
52.0	42.5	47.1	12 900 *
54.0	39.9	44.8	11 600 *
56.0	37.1	42.2	10 400 *
58.0	34.1	39.3	9 300 *
60.0	30.9	36.1	8 300 *
62.0	27.3	32.4	7 400 *



Liftcrane Boom Capacities

2250 SERIES 3

Boom No. 44 With Heavy Lift Top
113 040 kg Crane Counterweight
54 430 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
70.1m (230 Ft.) BOOM			
11.6	82.9	71.9	87 600 *
12.0	82.5	71.8	87 100 *
13.0	81.7	71.7	85 900 *
14.0	80.9	71.5	84 800 *
15.0	80.0	71.3	82 400 *
16.0	79.2	71.1	78 900
18.0	77.5	70.7	69 900
20.0	75.8	70.2	61 800
22.0	74.1	69.6	55 300
24.0	72.4	69.0	49 700
26.0	70.7	68.3	45 000
28.0	68.9	67.5	40 900
30.0	67.2	66.7	37 000
32.0	65.4	65.8	33 400
34.0	63.6	64.8	30 200
36.0	61.7	63.7	27 500
38.0	59.8	62.6	25 100
40.0	57.9	61.3	22 900
42.0	55.9	60.0	21 000
44.0	53.9	58.6	19 300
46.0	51.8	57.0	17 600 *
48.0	49.7	55.3	15 800 *
50.0	47.5	53.5	14 300 *
52.0	45.2	51.6	12 900 *
54.0	42.8	49.4	11 600 *
56.0	40.3	47.1	10 400 *
58.0	37.7	44.6	9 300 *
60.0	34.9	41.8	8 300 *
62.0	31.8	38.7	7 300 *
64.0	28.5	35.1	6 400 *

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	83 300 *
14.0	81.2	74.6	80 900 *
15.0	80.4	74.4	78 300 *
16.0	79.6	74.2	75 600 *
18.0	78.0	73.8	68 600 *
20.0	76.4	73.3	60 600 *
22.0	74.8	72.8	54 100 *
24.0	73.2	72.2	48 700 *
26.0	71.5	71.5	44 000 *
28.0	69.9	70.8	40 000
30.0	68.2	70.0	36 500
32.0	66.5	69.2	32 900
34.0	64.7	68.2	29 800
36.0	63.0	67.2	27 100
38.0	61.2	66.1	24 600
40.0	59.4	64.9	22 500
42.0	57.5	63.7	20 600
44.0	55.6	62.3	18 800
46.0	53.7	60.9	17 300
48.0	51.7	59.3	15 600 *
50.0	49.7	57.6	14 100 *
52.0	47.6	55.8	12 600 *
54.0	45.4	53.9	11 300 *
56.0	43.1	51.8	10 100 *
58.0	40.7	49.5	9 000 *
60.0	38.2	47.0	8 000 *
62.0	35.6	44.3	7 100 *
64.0	32.7	41.2	6 200 *
66.0	29.6	37.8	5 300 *
68.0	26.2	34.0	4 500 *

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	80 300 *
14.0	81.6	77.7	77 800 *
15.0	80.8	77.5	75 300 *
16.0	80.1	77.3	72 900 *
18.0	78.5	76.9	67 700
20.0	77.0	76.5	60 500
22.0	75.4	76.0	54 200
24.0	73.9	75.4	48 800
26.0	72.3	74.8	44 300
28.0	70.7	74.1	40 300
30.0	69.1	73.3	36 800
32.0	67.5	72.5	33 600
34.0	65.8	71.6	30 400
36.0	64.2	70.6	27 700
38.0	62.5	69.6	25 200
40.0	60.7	68.5	23 100
42.0	59.0	67.3	21 100
44.0	57.2	66.0	19 400
46.0	55.4	64.6	17 900
48.0	53.5	63.2	16 400
50.0	51.6	61.6	15 000
52.0	49.6	59.9	13 500 *
54.0	47.6	58.1	12 200 *
56.0	45.5	56.2	11 000 *
58.0	43.4	54.1	9 900 *
60.0	41.1	51.8	8 800 *
62.0	38.7	49.4	7 900 *
64.0	36.2	46.7	7 000 *
66.0	33.5	43.8	6 200 *
68.0	30.6	40.5	5 300 *
70.0	27.5	36.8	4 600 *

Liftcrane Boom Capacities

2250 SERIES 3

Boom No. 44 With Heavy Lift Top
113 040 kg Crane Counterweight
54 430 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
79.2m (260 Ft.) BOOM			
12.8	82.8	81.0	76 800 *
13.0	82.7	80.9	76 300 *
14.0	81.9	80.8	73 800 *
15.0	81.2	80.6	71 500 *
16.0	80.5	80.4	69 100 *
18.0	79.0	80.1	64 400 *
20.0	77.5	79.6	59 400 *
22.0	76.0	79.1	53 100 *
24.0	74.5	78.6	47 800 *
26.0	73.0	78.0	43 300 *
28.0	71.5	77.3	39 300 *
30.0	69.9	76.6	35 900 *
32.0	68.4	75.8	32 900
34.0	66.8	74.9	30 000
36.0	65.2	74.0	27 300
38.0	63.6	73.0	24 800
40.0	62.0	72.0	22 700
42.0	60.3	70.8	20 700
44.0	58.6	69.6	19 000
46.0	56.9	68.3	17 400
48.0	55.1	67.0	16 000
50.0	53.3	65.5	14 700
52.0	51.5	63.9	13 200 *
54.0	49.6	62.2	11 900 *
56.0	47.7	60.4	10 700 *
58.0	45.7	58.5	9 600 *
60.0	43.6	56.4	8 600 *
62.0	41.4	54.2	7 600 *
64.0	39.1	51.8	6 700 *
66.0	36.8	49.2	5 800 *
68.0	34.2	46.3	5 000 *
70.0	31.5	43.1	4 300 *
72.0	28.6	39.6	3 600 *

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	66 500 *
16.0	80.8	83.5	64 800 *
18.0	79.4	83.2	60 400 *
20.0	78.0	82.7	56 200 *
22.0	76.5	82.3	52 000 *
24.0	75.1	81.7	46 900 *
26.0	73.7	81.2	42 400 *
28.0	72.2	80.5	38 400 *
30.0	70.7	79.8	35 000 *
32.0	69.2	79.1	32 100 *
34.0	67.7	78.3	29 400
36.0	66.2	77.4	26 900
38.0	64.7	76.4	24 400
40.0	63.1	75.4	22 300
42.0	61.5	74.4	20 300
44.0	59.9	73.2	18 600
46.0	58.3	72.0	17 000
48.0	56.6	70.7	15 600
50.0	54.9	69.3	14 300
52.0	53.2	67.8	13 000 *
54.0	51.4	66.2	11 700 *
56.0	49.6	64.5	10 400 *
58.0	47.7	62.7	9 300 *
60.0	45.8	60.8	8 300 *
62.0	43.8	58.8	7 300 *
64.0	41.7	56.5	6 400 *
66.0	39.6	54.2	5 600 *
68.0	37.3	51.6	4 800 *
70.0	34.9	48.8	4 000 *
72.0	32.3	45.7	3 400 *
74.0	29.6	42.3	2 700 *
76.0	26.5	38.4	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	63 400 *
16.0	81.1	86.6	61 200 *
18.0	79.8	86.3	58 400 *
20.0	78.4	85.9	57 500 *
22.0	77.0	85.4	51 800 *
24.0	75.6	84.9	46 600 *
26.0	74.3	84.3	42 200 *
28.0	72.8	83.7	38 400 *
30.0	71.4	83.1	35 000 *
32.0	70.0	82.3	32 000 *
34.0	68.6	81.6	29 400
36.0	67.1	80.7	27 000
38.0	65.6	79.8	24 700
40.0	64.1	78.9	22 500
42.0	62.6	77.8	20 500
44.0	61.1	76.7	18 800
46.0	59.5	75.6	17 200
48.0	58.0	74.3	15 800
50.0	56.4	73.0	14 400
52.0	54.7	71.6	13 200
54.0	53.0	70.1	12 000 *
56.0	51.3	68.5	10 700 *
58.0	49.6	66.8	9 600 *
60.0	47.8	65.0	8 500 *
62.0	45.9	63.1	7 500 *
64.0	44.0	61.1	6 600 *
66.0	42.0	58.9	5 700 *
68.0	39.9	56.5	4 900 *
70.0	37.8	54.0	4 200 *
72.0	35.5	51.2	3 500 *
74.0	33.1	48.2	2 800 *
76.0	30.5	44.9	2 200 *

Liftcrane Boom Capacities

2250 SERIES 3

Boom No. 44 With Heavy Lift Top
113 040 kg Crane Counterweight
54 430 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
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	58 700 *
18.0	80.1	89.4	56 700 *
20.0	78.8	89.0	54 300 *
22.0	77.5	88.5	51 300 *
24.0	76.2	88.0	45 900 *
26.0	74.8	87.5	41 500 *
28.0	73.5	86.9	37 700 *
30.0	72.1	86.3	34 400 *
32.0	70.7	85.6	31 400 *
34.0	69.3	84.8	28 800 *
36.0	67.9	84.0	26 500 *
38.0	66.5	83.2	24 500 *
40.0	65.1	82.2	22 300 *
42.0	63.7	81.3	20 300 *
44.0	62.2	80.2	18 600 *
46.0	60.7	79.1	17 000 *
48.0	59.2	77.9	15 600 *
50.0	57.7	76.7	14 200 *
52.0	56.1	75.3	13 000 *
54.0	54.5	73.9	11 900 *
56.0	52.9	72.4	10 700 *
58.0	51.3	70.8	9 600 *
60.0	49.6	69.1	8 500 *
62.0	47.8	67.3	7 500 *
64.0	46.0	65.4	6 600 *
66.0	44.2	63.4	5 700 *
68.0	42.3	61.2	4 900 *
70.0	40.3	58.9	4 200 *
72.0	38.2	56.4	3 500 *
74.0	36.0	53.7	2 800 *
76.0	33.7	50.8	2 200 *

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	52 900 *
20.0	79.2	92.1	50 500 *
22.0	77.9	91.7	48 400 *
24.0	76.6	91.2	45 100 *
26.0	75.3	90.7	40 700 *
28.0	74.0	90.1	36 900 *
30.0	72.7	89.5	33 500 *
32.0	71.4	88.8	30 600 *
34.0	70.1	88.1	28 000 *
36.0	68.7	87.3	25 700 *
38.0	67.4	86.5	23 700 *
40.0	66.0	85.6	21 800 *
42.0	64.6	84.7	19 900 *
44.0	63.2	83.7	18 200 *
46.0	61.8	82.6	16 600 *
48.0	60.3	81.5	15 100 *
50.0	58.9	80.3	13 800 *
52.0	57.4	79.0	12 400 *
54.0	55.9	77.6	11 100 *
56.0	54.3	76.2	9 800 *
58.0	52.8	74.7	8 700 *
60.0	51.2	73.1	7 700 *
62.0	49.5	71.4	6 800 *
64.0	47.9	69.6	5 900 *
66.0	46.1	67.7	5 100 *
68.0	44.3	65.7	4 300 *
70.0	42.5	63.6	3 700 *
72.0	40.6	61.3	3 000 *
74.0	38.6	58.8	2 400 *
76.0	36.5	56.1	1 800 *