

Liftcrane Boom Capacities

888 SERIES 2

Meets
ANSI B30.5
Requirements

Boom No. 22EL

81 240 kg Crane Counterweight

19 960 kg Carbody Counterweight

8 585 mm Crawlers Extended

Rating Over Front Of Blocked Crawlers

No Travel - Limited Swing

LIFTING CAPACITIES: 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 extended and blocked. Capacities based on structural competence are denoted by an asterisk (*). Capacities indicated by (b) require 5 670 kg minimum weight.

Upper boom point capacity for liftcrane service with single part whip line is 13 380 kg or 26 760 kg with two part whip line. When boom butt mounted auxiliary drum is used, capacity with single part whip line is 9 070 kg or 18 140 kg with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

76.2m thru 88.4m boom lengths require only the middle two sheaves in lower boom point. All other sheaves must be removed from lower boom point.

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, crawlers fully extended, and front tumbler properly

blocked so that centerline of idler tumbler becomes tipping fulcrum. Drive motors must be to rear of machine. Swing is limited to that sector shown on Operating Range Diagram **No. 7770-A**. Refer to boom rigging **No. 177156** or **No. 177353** and Wire Rope Specification chart **No. 7810-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 8 585 mm extendible crawlers, 1 219 mm treads, 3 124 mm retractable gantry, 9 144 mm live mast, 20 part boom hoist reeving, four 35 mm boom pendants, 81 240 kg crane counterweight and 19 960 kg carbody counterweight.

Maximum Boom and Jib Lengths Lifted Unassisted Over Front of Blocked Crawlers	
Boom Length	Jib No. 134
(a) 88.4m	—
85.3m	—
82.3m	—
79.2m	15.2m
76.2m	24.4m
Load block, hook and weight ball on ground at start. (a) Upper boom point cannot be used on 88.4m boom.	

Deduct From Capacities When Jib Is Attached	
Jib Length	Jib No. 134
9.1m	1 220 kg
12.2m	1 590 kg
15.2m	1 950 kg
18.3m	2 310 kg
21.3m	2 770 kg
24.4m	3 220 kg

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

Liftcrane Boom Capacities

888 SERIES 2

Meets
ANSI B30.5
Requirements

Boom No. 22EL
81 240 kg Crane Counterweight
19 960 kg Carbody Counterweight
8 585 mm Crawlers Extended
Rating Over Front Of Blocked Crawlers
No Travel - Limited Swing

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
21.3m (70 Ft.) Boom			
4.9	82.8	23.5	200 000 *b
5.0	82.5	23.5	194 000 *b
5.5	81.1	23.4	175 000 *b
6.0	79.7	23.3	161 000 *b
7.0	77.0	23.1	138 700 *b
8.0	74.2	22.8	121 600 *
9.0	71.3	22.5	108 000 *
10.0	68.4	22.1	97 000 *
11.0	65.5	21.6	87 900 *
12.0	62.5	21.1	80 200 *
13.0	59.3	20.5	73 700 *
14.0	56.1	19.8	68 100 *
15.0	52.7	19.0	63 100 *
16.0	49.1	18.1	58 700 *
18.0	41.3	16.0	50 700 *
20.0	31.9	13.2	43 000 *
24.4m (80 Ft.) Boom			
5.2	83.0	26.6	183 800 *b
5.5	82.2	26.5	174 600 *b
6.0	81.0	26.4	160 700 *b
7.0	78.6	26.2	138 300 *b
8.0	76.2	26.0	121 300 *
9.0	73.8	25.7	107 700 *
10.0	71.3	25.3	96 700 *
11.0	68.8	24.9	87 600 *
12.0	66.2	24.5	79 900 *
13.0	63.5	24.0	73 400 *
14.0	60.9	23.4	67 800 *
15.0	58.1	22.8	62 800 *
16.0	55.2	22.1	58 500 *
18.0	49.1	20.4	50 600 *
20.0	42.4	18.4	43 600 *
22.0	34.5	15.7	38 000 *
24.0	24.5	11.9	31 600 *
27.4m (90 Ft.) Boom			
5.8	82.5	29.6	165 500 *b
6.0	82.0	29.5	160 400 *b
7.0	79.9	29.3	138 100 *b
8.0	77.8	29.1	121 000 *
9.0	75.6	28.9	107 500 *
10.0	73.4	28.6	96 500 *
11.0	71.2	28.2	87 400 *
12.0	69.0	27.8	79 700 *
13.0	66.7	27.4	73 200 *
14.0	64.4	26.9	67 600 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
27.4m (90 Ft.) Boom			
15.0	62.0	26.4	62 700 *
16.0	59.6	25.8	58 300 *
18.0	54.5	24.4	50 600 *
20.0	49.1	22.7	43 600 *
22.0	43.2	20.7	38 100 *
24.0	36.4	18.2	33 600 *
26.0	28.3	14.9	29 800 *
30.5m (100 Ft.) Boom			
6.1	82.7	32.6	157 900 *b
7.0	80.9	32.5	138 000 *b
8.0	79.0	32.3	120 900 *
9.0	77.1	32.0	107 300 *
10.0	75.1	31.7	96 400 *
11.0	73.2	31.4	87 300 *
12.0	71.2	31.1	79 700 *
13.0	69.2	30.7	73 100 *
14.0	67.1	30.3	67 500 *
15.0	65.1	29.8	62 600 *
16.0	62.9	29.3	58 300 *
18.0	58.6	28.1	50 700 *
20.0	54.0	26.7	43 700 *
22.0	49.1	25.0	38 100 *
24.0	43.8	23.1	33 700 *
26.0	37.9	20.6	30 000 *
28.0	31.0	17.6	26 900 *
30.0	22.2	13.4	23 500 *
33.5m (110 Ft.) Boom			
6.7	82.3	35.6	143 700 *
7.0	81.8	35.5	138 000 *
8.0	80.0	35.4	120 600 *
9.0	78.3	35.2	107 100 *
10.0	76.5	34.9	96 100 *
11.0	74.8	34.6	87 000 *
12.0	73.0	34.3	79 400 *
13.0	71.2	34.0	72 800 *
14.0	69.3	33.6	67 200 *
15.0	67.5	33.2	62 300 *
16.0	65.6	32.7	58 000 *
18.0	61.7	31.7	50 600 *
20.0	57.7	30.4	43 600 *
22.0	53.5	29.0	38 100 *
24.0	49.1	27.3	33 600 *
26.0	44.3	25.4	29 900 *
28.0	39.0	23.0	26 800 *
30.0	33.1	20.2	24 200 *
32.0	25.8	16.5	22 000 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
36.6m (120 Ft.) Boom			
6.7	82.9	38.7	140 500 *
7.0	82.5	38.6	136 200 *
8.0	80.9	38.5	120 400 *
9.0	79.3	38.3	106 900 *
10.0	77.7	38.0	95 900 *
11.0	76.1	37.8	86 800 *
12.0	74.4	37.5	79 200 *
13.0	72.8	37.2	72 700 *
14.0	71.1	36.8	67 100 *
15.0	69.5	36.5	62 100 *
16.0	67.8	36.1	57 800 *
18.0	64.3	35.1	50 500 *
20.0	60.7	34.0	43 600 *
22.0	57.0	32.8	38 000 *
24.0	53.2	31.3	33 600 *
26.0	49.1	29.6	29 900 *
28.0	44.7	27.7	26 800 *
30.0	40.0	25.4	24 200 *
32.0	34.7	22.7	22 000 *
34.0	28.5	19.3	20 000 *
36.0	20.6	14.7	17 600 *
39.6m (130 Ft.) Boom			
7.3	82.6	41.7	129 300 *
8.0	81.6	41.6	120 400 *
9.0	80.1	41.4	106 800 *
10.0	78.6	41.2	95 800 *
11.0	77.2	40.9	86 700 *
12.0	75.7	40.7	79 100 *
13.0	74.2	40.4	72 500 *
14.0	72.6	40.1	66 900 *
15.0	71.1	39.7	62 000 *
16.0	69.6	39.4	57 700 *
18.0	66.4	38.5	50 500 *
20.0	63.2	37.5	43 600 *
22.0	59.9	36.4	38 000 *
24.0	56.4	35.1	33 600 *
26.0	52.8	33.6	29 900 *
28.0	49.1	31.9	26 800 *
30.0	45.1	30.0	24 200 *
32.0	40.7	27.8	22 000 *
34.0	36.0	25.2	20 000 *
36.0	30.5	22.0	18 300 *
38.0	24.0	18.0	16 600 *

Liftcrane Boom Capacities

888 SERIES 2

Boom No. 22EL
81 240 kg Crane Counterweight
19 960 kg Carbody Counterweight
8 585 mm Crawlers Extended
Rating Over Front Of Blocked Crawlers
No Travel - Limited Swing

Meets
ANSI B30.5
Requirements

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
42.7m (140 Ft.) Boom			
7.9	82.3	44.7	121 200 *
8.0	82.2	44.6	120 100 *
9.0	80.8	44.5	106 500 *
10.0	79.5	44.3	95 500 *
11.0	78.1	44.1	86 500 *
12.0	76.7	43.8	78 800 *
13.0	75.3	43.6	72 300 *
14.0	73.9	43.3	66 700 *
15.0	72.5	43.0	61 800 *
16.0	71.1	42.6	57 500 *
18.0	68.2	41.8	50 300 *
20.0	65.3	40.9	43 500 *
22.0	62.2	39.9	38 000 *
24.0	59.1	38.7	33 500 *
26.0	55.9	37.4	29 800 *
28.0	52.6	35.9	26 700 *
30.0	49.1	34.2	24 100 *
32.0	45.4	32.3	21 900 *
34.0	41.4	30.1	19 900 *
36.0	37.0	27.6	18 200 *
38.0	32.2	24.6	16 700 *
40.0	26.6	20.9	15 300 *
42.0	19.4	16.0	13 300 *
45.7m (150 Ft.) Boom			
7.9	82.8	47.7	110 700 *
8.0	82.7	47.7	110 400 *
9.0	81.4	47.6	105 500 *
10.0	80.2	47.4	95 200 *
11.0	78.9	47.2	86 100 *
12.0	77.6	47.0	78 500 *
13.0	76.3	46.7	72 000 *
14.0	75.0	46.4	66 400 *
15.0	73.7	46.2	61 500 *
16.0	72.4	45.8	57 200 *
18.0	69.7	45.1	49 900 *
20.0	67.0	44.3	43 400 *
22.0	64.3	43.3	37 800 *
24.0	61.4	42.3	33 300 *
26.0	58.5	41.1	29 600 *
28.0	55.5	39.7	26 600 *
30.0	52.3	38.2	24 000 *
32.0	49.1	36.5	21 700 *
34.0	45.6	34.6	19 800 *
36.0	41.9	32.5	18 100 *
38.0	37.9	30.0	16 500 *
40.0	33.6	27.2	15 200 *
42.0	28.6	23.7	14 000 *
44.0	22.6	19.4	12 400 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
48.8m (160 Ft.) Boom			
8.5	82.5	50.7	103 800 *
9.0	82.0	50.7	102 000 *
10.0	80.8	50.5	95 300 *
11.0	79.6	50.3	85 900 *
12.0	78.4	50.1	78 200 *
13.0	77.2	49.9	71 800 *
14.0	76.0	49.6	66 100 *
15.0	74.8	49.3	61 200 *
16.0	73.5	49.0	56 900 *
18.0	71.1	48.4	49 700 *
20.0	68.5	47.6	43 300 *
22.0	66.0	46.7	37 700 *
24.0	63.4	45.7	33 200 *
26.0	60.7	44.6	29 500 *
28.0	57.9	43.4	26 400 *
30.0	55.1	42.1	23 800 *
32.0	52.1	40.5	21 600 *
34.0	49.1	38.8	19 700 *
36.0	45.8	37.0	17 900 *
38.0	42.4	34.8	16 400 *
40.0	38.7	32.4	15 100 *
42.0	34.7	29.7	13 900 *
44.0	30.2	26.4	12 800 *
46.0	25.0	22.5	11 600 *
48.0	18.5	17.3	9 700 *
51.8m (170 Ft.) Boom			
8.5	83.0	53.8	96 800 *
9.0	82.5	53.7	95 400 *
10.0	81.3	53.6	92 400 *
11.0	80.2	53.4	85 700 *
12.0	79.1	53.2	78 100 *
13.0	78.0	53.0	71 600 *
14.0	76.8	52.8	66 000 *
15.0	75.7	52.5	61 100 *
16.0	74.5	52.2	56 800 *
18.0	72.2	51.6	49 500 *
20.0	69.9	50.9	43 200 *
22.0	67.5	50.1	37 600 *
24.0	65.1	49.2	33 100 *
26.0	62.6	48.1	29 500 *
28.0	60.0	47.0	26 400 *
30.0	57.4	45.8	23 800 *
32.0	54.7	44.4	21 500 *
34.0	52.0	42.8	19 600 *
36.0	49.1	41.1	17 900 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
51.8m (170 Ft.) Boom			
38.0	46.0	39.3	16 400 *
40.0	42.8	37.2	15 000 *
42.0	39.4	34.8	13 800 *
44.0	35.7	32.1	12 700 *
46.0	31.6	29.1	11 700 *
48.0	27.0	25.4	10 700 *
50.0	21.5	20.8	9 200 *
54.9m (180 Ft.) Boom			
9.1	82.7	56.8	90 300 *
10.0	81.8	56.7	87 900 *
11.0	80.8	56.5	85 100 *
12.0	79.7	56.3	77 900 *
13.0	78.6	56.1	71 300 *
14.0	77.6	55.9	65 700 *
15.0	76.5	55.6	60 800 *
16.0	75.4	55.4	56 500 *
18.0	73.2	54.8	49 300 *
20.0	71.0	54.1	43 100 *
22.0	68.8	53.4	37 500 *
24.0	66.5	52.5	33 000 *
26.0	64.2	51.6	29 300 *
28.0	61.9	50.5	26 200 *
30.0	59.5	49.4	23 600 *
32.0	57.0	48.1	21 400 *
34.0	54.4	46.7	19 400 *
36.0	51.8	45.1	17 700 *
38.0	49.0	43.4	16 200 *
40.0	46.2	41.6	14 900 *
42.0	43.2	39.5	13 700 *
44.0	40.0	37.2	12 600 *
46.0	36.6	34.6	11 600 *
48.0	32.8	31.6	10 600 *
50.0	28.6	28.2	9 800 *
52.0	23.8	24.0	8 500 *

Liftcrane Boom Capacities

888 SERIES 2

Meets
ANSI B30.5
Requirements

Boom No. 22EL
81 240 kg Crane Counterweight
19 960 kg Carbody Counterweight
8 585 mm Crawlers Extended
Rating Over Front Of Blocked Crawlers
No Travel - Limited Swing

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
57.9m (190 Ft.) Boom			
9.8	82.5	59.8	82 100 *
10.0	82.3	59.8	81 500 *
11.0	81.3	59.6	79 300 *
12.0	80.3	59.4	76 800 *
13.0	79.2	59.2	71 000 *
14.0	78.2	59.0	65 400 *
15.0	77.2	58.8	60 400 *
16.0	76.2	58.5	56 100 *
18.0	74.2	58.0	48 900 *
20.0	72.1	57.3	43 000
22.0	70.0	56.6	37 300
24.0	67.8	55.8	32 800
26.0	65.7	54.9	29 100
28.0	63.5	54.0	26 100
30.0	61.2	52.9	23 400
32.0	58.9	51.7	21 200
34.0	56.6	50.4	19 200
36.0	54.1	49.0	17 500
38.0	51.6	47.4	16 000
40.0	49.0	45.7	14 700
42.0	46.3	43.9	13 500
44.0	43.5	41.8	12 300
46.0	40.5	39.6	11 400
48.0	37.3	37.0	10 500
50.0	33.9	34.2	9 600
52.0	30.0	30.9	8 800
54.0	25.7	27.0	7 800 *
56.0	20.5	22.1	6 500 *
61.0m (200 Ft.) Boom			
9.8	82.9	62.9	77 500 *
10.0	82.7	62.8	77 000 *
11.0	81.7	62.7	74 900 *
12.0	80.7	62.5	72 800 *
13.0	79.8	62.3	70 400 *
14.0	78.8	62.1	65 100 *
15.0	77.9	61.9	60 200 *
16.0	76.9	61.7	55 900 *
18.0	75.0	61.2	48 700 *
20.0	73.0	60.6	42 800
22.0	71.0	59.9	37 200
24.0	69.0	59.1	32 700
26.0	67.0	58.3	29 000
28.0	64.9	57.4	25 900
30.0	62.8	56.4	23 300
32.0	60.7	55.3	21 000
34.0	58.5	54.1	19 100
36.0	56.2	52.7	17 400
38.0	53.9	51.3	15 900
40.0	51.5	49.7	14 500

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
61.0m (200 Ft.) Boom			
42.0	49.0	48.0	13 300
44.0	46.5	46.2	12 200
46.0	43.8	44.2	11 200
48.0	41.0	41.9	10 300
50.0	38.0	39.4	9 500
52.0	34.8	36.6	8 700
54.0	31.2	33.5	8 000
56.0	27.3	29.8	7 000 *
58.0	22.8	25.4	5 900 *
64.0m (210 Ft.) Boom			
10.4	82.7	65.9	71 900 *
11.0	82.1	65.8	70 800 *
12.0	81.2	65.6	69 100 *
13.0	80.3	65.4	67 500 *
14.0	79.4	65.2	64 800 *
15.0	78.5	65.0	60 000 *
16.0	77.5	64.8	55 600 *
18.0	75.7	64.3	48 400 *
20.0	73.8	63.7	42 600
22.0	72.0	63.1	37 100
24.0	70.1	62.4	32 500
26.0	68.1	61.6	28 900
28.0	66.2	60.7	25 800
30.0	64.2	59.8	23 200
32.0	62.2	58.8	20 900
34.0	60.1	57.6	19 000
36.0	58.0	56.4	17 200
38.0	55.9	55.1	15 700
40.0	53.7	53.6	14 400
42.0	51.4	52.0	13 200
44.0	49.0	50.3	12 100
46.0	46.6	48.5	11 100
48.0	44.1	46.5	10 200
50.0	41.4	44.3	9 400
52.0	38.6	41.8	8 600
54.0	35.6	39.1	7 900
56.0	32.3	36.1	7 200
58.0	28.7	32.6	6 300 *
60.0	24.6	28.5	5 300 *
62.0	19.7	23.4	4 200 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
67.1m (220 Ft.) Boom			
10.4	83.0	68.9	66 900 *
11.0	82.5	68.8	66 400 *
12.0	81.6	68.7	64 800 *
13.0	80.7	68.5	63 200 *
14.0	79.9	68.3	61 500 *
15.0	79.0	68.2	59 400 *
16.0	78.1	67.9	55 800 *
18.0	76.4	67.5	48 200 *
20.0	74.6	66.9	42 300
22.0	72.8	66.3	36 900
24.0	71.0	65.6	32 400
26.0	69.2	64.9	28 700
28.0	67.3	64.1	25 600
30.0	65.5	63.2	23 000
32.0	63.6	62.2	20 700
34.0	61.6	61.1	18 800
36.0	59.6	60.0	17 100
38.0	57.6	58.7	15 500
40.0	55.6	57.4	14 200
42.0	53.5	55.9	13 000
44.0	51.3	54.4	11 900
46.0	49.0	52.6	10 900
48.0	46.7	50.8	10 000
50.0	44.3	48.8	9 200
52.0	41.8	46.6	8 400
54.0	39.1	44.2	7 700
56.0	36.3	41.6	7 100
58.0	33.2	38.6	6 500
60.0	29.9	35.3	5 600 *
62.0	26.2	31.4	4 700 *
64.0	21.9	26.8	3 700 *

Liftcrane Boom Capacities

888 SERIES 2

Boom No. 22EL
81 240 kg Crane Counterweight
19 960 kg Carbody Counterweight
8 585 mm Crawlers Extended
Rating Over Front Of Blocked Crawlers
No Travel - Limited Swing

Meets
ANSI B30.5
Requirements

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
70.1m (230 Ft.) Boom			
11.0	82.8	71.9	60 500 *
12.0	82.0	71.8	60 300 *
13.0	81.1	71.6	59 400 *
14.0	80.3	71.4	57 900 *
15.0	79.5	71.3	56 500 *
16.0	78.6	71.1	54 500 *
18.0	77.0	70.6	48 000 *
20.0	75.3	70.1	42 000 *
22.0	73.6	69.5	36 800 *
24.0	71.9	68.9	32 200 *
26.0	70.1	68.2	28 600 *
28.0	68.4	67.4	25 400 *
30.0	66.6	66.5	22 800 *
32.0	64.8	65.6	20 500 *
34.0	63.0	64.6	18 600 *
36.0	61.1	63.5	16 900 *
38.0	59.2	62.3	15 400 *
40.0	57.3	61.1	14 000 *
42.0	55.3	59.7	12 800 *
44.0	53.3	58.2	11 700 *
46.0	51.2	56.7	10 700 *
48.0	49.0	54.9	9 800 *
50.0	46.8	53.1	9 000 *
52.0	44.5	51.1	8 200 *
54.0	42.1	48.9	7 500 *
56.0	39.6	46.6	6 900 *
58.0	36.9	44.0	6 300 *
60.0	34.0	41.1	5 700 *
62.0	30.9	37.9	4 900 *
64.0	27.5	34.3	4 000 *
66.0	23.7	30.0	3 100 *
68.0	19.1	24.7	2 200 *
73.2m (240 Ft.) Boom			
11.6	82.6	74.9	55 000 *
12.0	82.3	74.9	54 900 *
13.0	81.5	74.7	54 600 *
14.0	80.7	74.5	54 400 *
15.0	79.9	74.4	53 500 *
16.0	79.1	74.2	52 000 *
18.0	77.5	73.7	47 600 *
20.0	75.9	73.2	41 700 *
22.0	74.3	72.7	36 700 *
24.0	72.6	72.1	32 000 *
26.0	71.0	71.4	28 400 *
28.0	69.3	70.7	25 200 *
30.0	67.6	69.8	22 600 *
32.0	65.9	69.0	20 400 *
34.0	64.2	68.0	18 400 *
36.0	62.4	67.0	16 700 *
38.0	60.6	65.9	15 200 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
73.2m (240 Ft.) Boom			
40.0	58.8	64.7	13 800 *
42.0	56.9	63.4	12 600 *
44.0	55.0	62.0	11 500 *
46.0	53.1	60.5	10 500 *
48.0	51.1	59.0	9 600 *
50.0	49.0	57.2	8 800 *
52.0	46.9	55.4	8 000 *
54.0	44.7	53.4	7 300 *
56.0	42.4	51.3	6 700 *
58.0	40.0	49.0	6 100 *
60.0	37.5	46.4	5 500 *
62.0	34.8	43.6	4 900 *
64.0	31.9	40.5	4 100 *
66.0	28.7	37.0	3 300 *
68.0	25.2	33.0	2 500 *
76.2m (250 Ft.) Boom			
11.6	82.9	78.0	49 900 *
12.0	82.6	77.9	49 800 *
13.0	81.9	77.8	49 600 *
14.0	81.1	77.6	49 400 *
15.0	80.3	77.5	49 100 *
16.0	79.6	77.3	48 600 *
18.0	78.0	76.9	46 100 *
20.0	76.5	76.4	41 800 *
22.0	74.9	75.9	36 700 *
24.0	73.4	75.3	32 100 *
26.0	71.8	74.6	28 500 *
28.0	70.2	73.9	25 300 *
30.0	68.6	73.1	22 700 *
32.0	66.9	72.3	20 500 *
34.0	65.3	71.4	18 500 *
36.0	63.6	70.4	16 800 *
38.0	61.9	69.4	15 300 *
40.0	60.2	68.2	13 900 *
42.0	58.4	67.0	12 700 *
44.0	56.6	65.7	11 600 *
46.0	54.8	64.3	10 600 *
48.0	52.9	62.8	9 700 *
50.0	51.0	61.3	8 900 *
52.0	49.0	59.5	8 100 *
54.0	47.0	57.7	7 400 *
56.0	44.9	55.7	6 800 *
58.0	42.7	53.6	6 200 *
60.0	40.4	51.3	5 600 *
62.0	38.0	48.8	5 100 *
64.0	35.4	46.1	4 600 *
66.0	32.7	43.1	3 800 *
68.0	29.8	39.7	3 100 *
70.0	26.5	35.9	2 300 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
79.2m (260 Ft.) Boom			
12.2	82.8	81.0	45 500 *
13.0	82.2	80.9	45 400 *
14.0	81.4	80.7	45 100 *
15.0	80.7	80.6	44 900 *
16.0	80.0	80.4	44 600 *
18.0	78.5	80.0	43 500 *
20.0	77.0	79.5	41 000 *
22.0	75.5	79.0	36 600 *
24.0	74.0	78.5	32 000 *
26.0	72.5	77.8	28 300 *
28.0	71.0	77.2	25 200 *
30.0	69.4	76.4	22 500 *
32.0	67.9	75.6	20 300 *
34.0	66.3	74.8	18 300 *
36.0	64.7	73.8	16 600 *
38.0	63.1	72.8	15 000 *
40.0	61.5	71.7	13 700 *
42.0	59.8	70.6	12 500 *
44.0	58.1	69.4	11 400 *
46.0	56.4	68.1	10 400 *
48.0	54.6	66.7	9 500 *
50.0	52.8	65.2	8 700 *
52.0	50.9	63.6	7 900 *
54.0	49.0	61.8	7 200 *
56.0	47.1	60.0	6 600 *
58.0	45.0	58.1	6 000 *
60.0	42.9	56.0	5 400 *
62.0	40.8	53.7	4 900 *
64.0	38.5	51.2	4 400 *
66.0	36.0	48.5	3 900 *
68.0	33.5	45.6	3 100 *
70.0	30.7	42.4	2 400 *

Liftcrane Boom Capacities

888 SERIES 2

Meets
ANSI B30.5
Requirements

Boom No. 22EL
81 240 kg Crane Counterweight
19 960 kg Carbody Counterweight
8 585 mm Crawlers Extended
Rating Over Front Of Blocked Crawlers
No Travel - Limited Swing

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
82.3m (270 Ft.) Boom			
12.2	83.0	84.1	41 600 *
13.0	82.5	84.0	41 500 *
14.0	81.8	83.8	41 200 *
15.0	81.1	83.6	41 000 *
16.0	80.3	83.5	40 800 *
18.0	78.9	83.1	40 200 *
20.0	77.5	82.7	38 700 *
22.0	76.1	82.2	36 100
24.0	74.6	81.6	31 900
26.0	73.2	81.0	28 100
28.0	71.7	80.4	25 000
30.0	70.2	79.7	22 300
32.0	68.7	78.9	20 000
34.0	67.2	78.1	18 100
36.0	65.7	77.2	16 400
38.0	64.2	76.2	14 900
40.0	62.6	75.2	13 500
42.0	61.0	74.1	12 300
44.0	59.4	72.9	11 200
46.0	57.8	71.7	10 200
48.0	56.1	70.4	9 300
50.0	54.4	69.0	8 500
52.0	52.6	67.5	7 700
54.0	50.9	65.9	7 000
56.0	49.0	64.1	6 400
58.0	47.1	62.3	5 800
60.0	45.2	60.4	5 200
62.0	43.2	58.3	4 700
64.0	41.1	56.0	4 200
66.0	38.9	53.6	3 700 *
68.0	36.6	51.0	3 100 *
70.0	34.2	48.1	2 400 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
85.3m (280 Ft.) Boom			
12.8	82.9	87.1	37 600 *
13.0	82.7	87.0	37 600 *
14.0	82.1	86.9	37 400 *
15.0	81.4	86.7	37 200 *
16.0	80.7	86.6	36 900 *
18.0	79.3	86.2	36 500 *
20.0	78.0	85.8	35 600 *
22.0	76.6	85.3	33 600 *
24.0	75.2	84.8	31 300
26.0	73.8	84.2	27 900
28.0	72.4	83.6	24 800
30.0	71.0	82.9	22 200
32.0	69.5	82.2	19 900
34.0	68.1	81.4	17 900
36.0	66.6	80.5	16 200
38.0	65.2	79.6	14 700
40.0	63.7	78.6	13 300
42.0	62.1	77.6	12 100
44.0	60.6	76.5	11 000
46.0	59.1	75.3	10 000
48.0	57.5	74.0	9 100
50.0	55.9	72.7	8 300
52.0	54.2	71.3	7 500
54.0	52.5	69.8	6 800
56.0	50.8	68.2	6 200
58.0	49.0	66.4	5 500
60.0	47.2	64.6	5 000
62.0	45.3	62.7	4 500
64.0	43.4	60.6	3 900
66.0	41.4	58.4	3 400 *
68.0	39.3	56.0	2 900 *
70.0	37.1	53.4	2 400 *

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Kilograms
88.4m (290 Ft.) Boom			
13.4	82.7	90.1	34 400 *
14.0	82.3	90.0	34 200 *
15.0	81.7	89.8	34 000 *
16.0	81.0	89.7	33 900 *
18.0	79.7	89.3	33 200 *
20.0	78.4	88.9	32 000 *
22.0	77.1	88.4	30 900 *
24.0	75.7	87.9	29 600 *
26.0	74.4	87.4	27 700
28.0	73.0	86.8	25 000
30.0	71.7	86.1	22 300
32.0	70.3	85.4	20 000
34.0	68.9	84.7	18 100
36.0	67.5	83.9	16 300
38.0	66.1	83.0	14 800
40.0	64.6	82.0	13 500
42.0	63.2	81.0	12 200
44.0	61.7	80.0	11 200
46.0	60.2	78.8	10 200
48.0	58.7	77.6	9 200
50.0	57.2	76.4	8 400
52.0	55.6	75.0	7 700
54.0	54.0	73.6	7 000
56.0	52.4	72.1	6 300
58.0	50.7	70.5	5 700
60.0	49.0	68.7	5 100
62.0	47.3	66.9	4 600
64.0	45.5	65.0	4 000 *
66.0	43.6	62.9	3 200 *
68.0	41.7	60.7	2 600 *
70.0	39.7	58.4	1 900 *