

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

888 SERIES 2

Boom No. 22EL
81 240 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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. Capacities based on structural competence are denoted by an asterisk (*). Capacities indicated by (b) require 5 670 kg minimum weight. Capacities are not shown for boom positions which, without load, provide less than required ANSI B30.5 backward stability.

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. 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, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface and boom within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 7808-A**.

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.

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

Maximum Boom and Jib Lengths Lifted Unassisted

Over Front of Blocked Crawlers		Over Rear of Blocked Crawlers		Over Side of Extended Crawlers		Over Side of Retracted Crawlers	
Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length	Jib No. 134	Boom Length	Jib No. 134
(a) 88.4m	—	(a) 85.3m	—	(a) 79.2m	—	70.1m	—
85.3m	—	82.3m	—	76.2m	—	67.1m	9.1m
82.3m	—	79.2m	12.2m	73.2m	—	64.0m	18.3m
79.2m	15.2m	76.2m	21.3m	70.1m	15.2m	61.0m	24.4m
76.2m	24.4m	73.2m	24.4m	67.1m	24.4m		

Load block, hook and weight ball on ground at start. (a) Upper boom point cannot be used on 88.4m boom and cannot be lifted over rear of blocked crawlers on 85.3m boom or side of extended crawlers on 79.2m boom.



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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		95 900
11.0	65.5	21.6		82 700
12.0	62.5	21.1		72 800
13.0	59.3	20.5		64 800
14.0	56.1	19.8		58 300
15.0	52.7	19.0	45 100	52 900
16.0	49.1	18.1	41 300	48 300
18.0	41.3	16.0	35 100	40 900
20.0	31.9	13.2	30 200	35 300
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		95 900
11.0	68.8	24.9		82 800
12.0	66.2	24.5		72 800
13.0	63.5	24.0		64 900
14.0	60.9	23.4	49 600	58 400
15.0	58.1	22.8	45 100	52 900
16.0	55.2	22.1	41 200	48 300
18.0	49.1	20.4	35 000	40 900
20.0	42.4	18.4	30 200	35 300
22.0	34.5	15.7	26 400	30 800
24.0	24.5	11.9	23 200	27 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
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		95 800
11.0	71.2	28.2		82 900
12.0	69.0	27.8		72 900
13.0	66.7	27.4	55 100	64 900
14.0	64.4	26.9	49 600	58 400
15.0	62.0	26.4	45 100	52 900
16.0	59.6	25.8	41 200	48 300
18.0	54.5	24.4	35 000	40 900
20.0	49.1	22.7	30 200	35 300
22.0	43.2	20.7	26 400	30 800
24.0	36.4	18.2	23 300	27 200
26.0	28.3	14.9	20 600	24 100
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		95 800
11.0	73.2	31.4		83 000
12.0	71.2	31.1		73 000
13.0	69.2	30.7	55 100	65 000
14.0	67.1	30.3	49 700	58 400
15.0	65.1	29.8	45 100	53 000
16.0	62.9	29.3	41 300	48 300
18.0	58.6	28.1	35 000	41 000
20.0	54.0	26.7	30 300	35 400
22.0	49.1	25.0	26 400	30 900
24.0	43.8	23.1	23 300	27 200
26.0	37.9	20.6	20 700	24 200
28.0	31.0	17.6	18 500	21 700
30.0	22.2	13.4	16 600	19 500

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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		95 600
11.0	74.8	34.6		83 000
12.0	73.0	34.3		73 000
13.0	71.2	34.0	55 000	64 900
14.0	69.3	33.6	49 600	58 400
15.0	67.5	33.2	45 100	52 900
16.0	65.6	32.7	41 200	48 300
18.0	61.7	31.7	34 900	40 900
20.0	57.7	30.4	30 200	35 300
22.0	53.5	29.0	26 300	30 800
24.0	49.1	27.3	23 200	27 100
26.0	44.3	25.4	20 600	24 100
28.0	39.0	23.0	18 400	21 600
30.0	33.1	20.2	16 500	19 400
32.0	25.8	16.5	14 800	17 600
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		95 400
11.0	76.1	37.8		83 000
12.0	74.4	37.5	61 600	72 900
13.0	72.8	37.2	54 900	64 900
14.0	71.1	36.8	49 500	58 400
15.0	69.5	36.5	45 000	52 900
16.0	67.8	36.1	41 100	48 200
18.0	64.3	35.1	34 900	40 800
20.0	60.7	34.0	30 100	35 200
22.0	57.0	32.8	26 300	30 700
24.0	53.2	31.3	23 200	27 100
26.0	49.1	29.6	20 600	24 100
28.0	44.7	27.7	18 400	21 600
30.0	40.0	25.4	16 500	19 400
32.0	34.7	22.7	14 800	17 600
34.0	28.5	19.3	13 400	15 900
36.0	20.6	14.7	12 100	14 500

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
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		95 400
11.0	77.2	40.9	69 600	83 000
12.0	75.7	40.7	61 500	73 000
13.0	74.2	40.4	54 900	64 900
14.0	72.6	40.1	49 500	58 400
15.0	71.1	39.7	45 000	52 900
16.0	69.6	39.4	41 100	48 200
18.0	66.4	38.5	34 900	40 800
20.0	63.2	37.5	30 100	35 200
22.0	59.9	36.4	26 300	30 700
24.0	56.4	35.1	23 100	27 100
26.0	52.8	33.6	20 500	24 100
28.0	49.1	31.9	18 400	21 600
30.0	45.1	30.0	16 500	19 400
32.0	40.7	27.8	14 800	17 600
34.0	36.0	25.2	13 400	16 000
36.0	30.5	22.0	12 100	14 500
38.0	24.0	18.0	11 000	13 200
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		95 200
11.0	78.1	44.1	69 500	83 000
12.0	76.7	43.8	61 400	72 900
13.0	75.3	43.6	54 900	64 800
14.0	73.9	43.3	49 400	58 300
15.0	72.5	43.0	44 900	52 800
16.0	71.1	42.6	41 000	48 100
18.0	68.2	41.8	34 800	40 800
20.0	65.3	40.9	30 000	35 100
22.0	62.2	39.9	26 200	30 600
24.0	59.1	38.7	23 000	27 000
26.0	55.9	37.4	20 400	24 000
28.0	52.6	35.9	18 200	21 500
30.0	49.1	34.2	16 400	19 300
32.0	45.4	32.3	14 700	17 500
34.0	41.4	30.1	13 300	15 900
36.0	37.0	27.6	12 100	14 400
38.0	32.2	24.6	10 900	13 200
40.0	26.6	20.9	9 900	12 000
42.0	19.4	16.0	9 000	10 900



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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		94 900
11.0	78.9	47.2	69 400	82 900
12.0	77.6	47.0	61 300	72 800
13.0	76.3	46.7	54 700	64 700
14.0	75.0	46.4	49 300	58 200
15.0	73.7	46.2	44 800	52 700
16.0	72.4	45.8	40 900	48 000
18.0	69.7	45.1	34 600	40 600
20.0	67.0	44.3	29 800	34 900
22.0	64.3	43.3	26 000	30 500
24.0	61.4	42.3	22 800	26 800
26.0	58.5	41.1	20 300	23 900
28.0	55.5	39.7	18 100	21 300
30.0	52.3	38.2	16 200	19 200
32.0	49.1	36.5	14 600	17 300
34.0	45.6	34.6	13 100	15 700
36.0	41.9	32.5	11 900	14 300
38.0	37.9	30.0	10 800	13 000
40.0	33.6	27.2	9 800	11 900
42.0	28.6	23.7	8 900	10 800
44.0	22.6	19.4	8 000	9 900
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	79 800	95 100
11.0	79.6	50.3	69 300	82 800
12.0	78.4	50.1	61 200	72 700
13.0	77.2	49.9	54 600	64 700
14.0	76.0	49.6	49 200	58 100
15.0	74.8	49.3	44 600	52 600
16.0	73.5	49.0	40 700	47 900
18.0	71.1	48.4	34 500	40 500
20.0	68.5	47.6	29 700	34 800
22.0	66.0	46.7	25 800	30 300
24.0	63.4	45.7	22 700	26 700
26.0	60.7	44.6	20 100	23 700
28.0	57.9	43.4	17 900	21 200
30.0	55.1	42.1	16 100	19 000
32.0	52.1	40.5	14 400	17 200
34.0	49.1	38.8	13 000	15 600
36.0	45.8	37.0	11 800	14 100
38.0	42.4	34.8	10 600	12 800
40.0	38.7	32.4	9 700	11 700
42.0	34.7	29.7	8 700	10 700
44.0	30.2	26.4	7 900	9 800
46.0	25.0	22.5	7 100	8 900
48.0	18.5	17.3	6 500	8 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
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	79 500	92 200
11.0	80.2	53.4	69 300	82 800
12.0	79.1	53.2	61 100	72 700
13.0	78.0	53.0	54 500	64 600
14.0	76.8	52.8	49 100	58 000
15.0	75.7	52.5	44 600	52 500
16.0	74.5	52.2	40 700	47 900
18.0	72.2	51.6	34 400	40 400
20.0	69.9	50.9	29 600	34 800
22.0	67.5	50.1	25 800	30 300
24.0	65.1	49.2	22 600	26 600
26.0	62.6	48.1	20 000	23 600
28.0	60.0	47.0	17 800	21 100
30.0	57.4	45.8	16 000	19 000
32.0	54.7	44.4	14 300	17 100
34.0	52.0	42.8	12 900	15 500
36.0	49.1	41.1	11 700	14 100
38.0	46.0	39.3	10 600	12 800
40.0	42.8	37.2	9 600	11 700
42.0	39.4	34.8	8 700	10 600
44.0	35.7	32.1	7 800	9 700
46.0	31.6	29.1	7 100	8 900
48.0	27.0	25.4	6 400	8 100
50.0	21.5	20.8	5 800	7 400

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54.9m (180 Ft.) Boom				
9.1	82.7	56.8	90 300 *	90 300 *
10.0	81.8	56.7	79 500	87 900 *
11.0	80.8	56.5	69 100	82 800
12.0	79.7	56.3	61 000	72 600
13.0	78.6	56.1	54 400	64 500
14.0	77.6	55.9	49 000	57 900
15.0	76.5	55.6	44 400	52 400
16.0	75.4	55.4	40 500	47 700
18.0	73.2	54.8	34 300	40 300
20.0	71.0	54.1	29 400	34 600
22.0	68.8	53.4	25 600	30 100
24.0	66.5	52.5	22 500	26 500
26.0	64.2	51.6	19 900	23 500
28.0	61.9	50.5	17 700	21 000
30.0	59.5	49.4	15 800	18 800
32.0	57.0	48.1	14 200	17 000
34.0	54.4	46.7	12 800	15 300
36.0	51.8	45.1	11 500	13 900
38.0	49.0	43.4	10 400	12 600
40.0	46.2	41.6	9 400	11 500
42.0	43.2	39.5	8 500	10 500
44.0	40.0	37.2	7 700	9 600
46.0	36.6	34.6	7 000	8 700
48.0	32.8	31.6	6 300	8 000
50.0	28.6	28.2	5 700	7 300
52.0	23.8	24.0	5 100	6 600

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
57.9m (190 Ft.) Boom				
9.8	82.5	59.8	82 100 *	82 100 *
10.0	82.3	59.8	79 300	81 500 *
11.0	81.3	59.6	69 100	79 200
12.0	80.3	59.4	60 900	72 900
13.0	79.2	59.2	54 300	64 400
14.0	78.2	59.0	48 900	57 800
15.0	77.2	58.8	44 300	52 300
16.0	76.2	58.5	40 300	47 600
18.0	74.2	58.0	34 100	40 100
20.0	72.1	57.3	29 300	34 400
22.0	70.0	56.6	25 400	29 900
24.0	67.8	55.8	22 300	26 300
26.0	65.7	54.9	19 700	23 300
28.0	63.5	54.0	17 500	20 800
30.0	61.2	52.9	15 600	18 600
32.0	58.9	51.7	14 000	16 700
34.0	56.6	50.4	12 600	15 100
36.0	54.1	49.0	11 300	13 700
38.0	51.6	47.4	10 200	12 400
40.0	49.0	45.7	9 200	11 300
42.0	46.3	43.9	8 300	10 300
44.0	43.5	41.8	7 500	9 400
46.0	40.5	39.6	6 700	8 500
48.0	37.3	37.0	6 100	7 800
50.0	33.9	34.2	5 400	7 100
52.0	30.0	30.9	4 900	6 400
54.0	25.7	27.0	4 300	5 800
56.0	20.5	22.1	3 800	5 200



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61.0m (200 Ft.) Boom				
9.8	82.9	62.9	77 500 *	77 500 *
10.0	82.7	62.8	76 600	77 000 *
11.0	81.7	62.7	68 900	74 900 *
12.0	80.7	62.5	60 700	71 800
13.0	79.8	62.3	54 200	64 200
14.0	78.8	62.1	48 700	57 600
15.0	77.9	61.9	44 100	52 100
16.0	76.9	61.7	40 200	47 400
18.0	75.0	61.2	33 900	40 000
20.0	73.0	60.6	29 100	34 300
22.0	71.0	59.9	25 200	29 800
24.0	69.0	59.1	22 100	26 100
26.0	67.0	58.3	19 500	23 100
28.0	64.9	57.4	17 300	20 600
30.0	62.8	56.4	15 400	18 400
32.0	60.7	55.3	13 800	16 600
34.0	58.5	54.1	12 400	15 000
36.0	56.2	52.7	11 100	13 500
38.0	53.9	51.3	10 000	12 300
40.0	51.5	49.7	9 000	11 100
42.0	49.0	48.0	8 100	10 100
44.0	46.5	46.2	7 300	9 200
46.0	43.8	44.2	6 600	8 400
48.0	41.0	41.9	5 900	7 600
50.0	38.0	39.4	5 300	6 900
52.0	34.8	36.6	4 700	6 200
54.0	31.2	33.5	4 200	5 700
56.0	27.3	29.8	3 700	5 100
58.0	22.8	25.4	3 200	4 600

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
64.0m (210 Ft.) Boom				
10.4	82.7	65.9	71 900 *	71 900 *
11.0	82.1	65.8	68 900	70 800 *
12.0	81.2	65.6	60 700	69 100 *
13.0	80.3	65.4	54 000	64 300
14.0	79.4	65.2	48 600	57 500
15.0	78.5	65.0	44 000	52 000
16.0	77.5	64.8	40 100	47 300
18.0	75.7	64.3	33 800	39 800
20.0	73.8	63.7	29 000	34 200
22.0	72.0	63.1	25 100	29 700
24.0	70.1	62.4	22 000	26 000
26.0	68.1	61.6	19 400	23 000
28.0	66.2	60.7	17 200	20 500
30.0	64.2	59.8	15 300	18 300
32.0	62.2	58.8	13 700	16 500
34.0	60.1	57.6	12 200	14 800
36.0	58.0	56.4	11 000	13 400
38.0	55.9	55.1	9 900	12 100
40.0	53.7	53.6	8 900	11 000
42.0	51.4	52.0	8 000	10 000
44.0	49.0	50.3	7 200	9 100
46.0	46.6	48.5	6 500	8 200
48.0	44.1	46.5	5 800	7 500
50.0	41.4	44.3	5 200	6 800
52.0	38.6	41.8	4 600	6 200
54.0	35.6	39.1	4 100	5 600
56.0	32.3	36.1	3 600	5 000
58.0	28.7	32.6	3 100	4 500
60.0	24.6	28.5	2 700	4 000
62.0	19.7	23.4	2 300	3 500

Liftcrane Boom Capacities

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888 SERIES 2

Boom No. 22EL

81 240 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
67.1m (220 Ft.) Boom				
10.4	83.0	68.9	66 900 *	66 900 *
11.0	82.5	68.8	66 400	66 400 *
12.0	81.6	68.7	60 800	64 800 *
13.0	80.7	68.5	53 900	62 900
14.0	79.9	68.3	48 400	57 400
15.0	79.0	68.2	43 800	51 900
16.0	78.1	67.9	39 900	47 200
18.0	76.4	67.5	33 600	39 700
20.0	74.6	66.9	28 800	34 000
22.0	72.8	66.3	24 900	29 500
24.0	71.0	65.6	21 800	25 800
26.0	69.2	64.9	19 200	22 800
28.0	67.3	64.1	17 000	20 300
30.0	65.5	63.2	15 100	18 100
32.0	63.6	62.2	13 500	16 300
34.0	61.6	61.1	12 100	14 600
36.0	59.6	60.0	10 800	13 200
38.0	57.6	58.7	9 700	11 900
40.0	55.6	57.4	8 700	10 800
42.0	53.5	55.9	7 800	9 800
44.0	51.3	54.4	7 000	8 900
46.0	49.0	52.6	6 300	8 000
48.0	46.7	50.8	5 600	7 300
50.0	44.3	48.8	5 000	6 600
52.0	41.8	46.6	4 400	6 000
54.0	39.1	44.2	3 900	5 400
56.0	36.3	41.6	3 400	4 800
58.0	33.2	38.6	2 900	4 300
60.0	29.9	35.3	2 500	3 800
62.0	26.2	31.4	2 100	3 400
64.0	21.9	26.8		2 900

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
70.1m (230 Ft.) Boom				
11.0	82.8	71.9	60 500 *	60 500 *
12.0	82.0	71.8	59 600	60 300 *
13.0	81.1	71.6	53 800	59 400 *
14.0	80.3	71.4	48 300	57 200
15.0	79.5	71.3	43 700	51 700
16.0	78.6	71.1	39 800	47 000
18.0	77.0	70.6	33 500	39 500
20.0	75.3	70.1	28 600	33 800
22.0	73.6	69.5	24 700	29 300
24.0	71.9	68.9	21 600	25 700
26.0	70.1	68.2	19 000	22 600
28.0	68.4	67.4	16 800	20 100
30.0	66.6	66.5	14 900	17 900
32.0	64.8	65.6	13 300	16 100
34.0	63.0	64.6	11 900	14 400
36.0	61.1	63.5	10 600	13 000
38.0	59.2	62.3	9 500	11 800
40.0	57.3	61.1	8 500	10 600
42.0	55.3	59.7	7 600	9 600
44.0	53.3	58.2	6 800	8 700
46.0	51.2	56.7	6 100	7 900
48.0	49.0	54.9	5 400	7 100
50.0	46.8	53.1	4 800	6 400
52.0	44.5	51.1	4 200	5 700
54.0	42.1	48.9	3 700	5 200
56.0	39.6	46.6	3 200	4 600
58.0	36.9	44.0	2 700	4 100
60.0	34.0	41.1	2 300	3 600
62.0	30.9	37.9	1 900	3 200
64.0	27.5	34.3		2 800
66.0	23.7	30.0		2 300
68.0	19.1	24.7		2 000



Liftcrane Boom Capacities

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Boom No. 22EL
81 240 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
73.2m (240 Ft.) Boom				
11.6	82.6	74.9	55 000 *	55 000 *
12.0	82.3	74.9	54 900 *	54 900 *
13.0	81.5	74.7	53 900	54 600 *
14.0	80.7	74.5	48 100	54 400 *
15.0	79.9	74.4	43 500	51 900
16.0	79.1	74.2	39 600	46 900
18.0	77.5	73.7	33 300	39 400
20.0	75.9	73.2	28 400	33 700
22.0	74.3	72.7	24 600	29 100
24.0	72.6	72.1	21 400	25 500
26.0	71.0	71.4	18 800	22 500
28.0	69.3	70.7	16 600	19 900
30.0	67.6	69.8	14 700	17 700
32.0	65.9	69.0	13 100	15 900
34.0	64.2	68.0	11 700	14 200
36.0	62.4	67.0	10 400	12 800
38.0	60.6	65.9	9 300	11 500
40.0	58.8	64.7	8 300	10 400
42.0	56.9	63.4	7 400	9 400
44.0	55.0	62.0	6 600	8 500
46.0	53.1	60.5	5 800	7 600
48.0	51.1	59.0	5 200	6 900
50.0	49.0	57.2	4 600	6 200
52.0	46.9	55.4	4 000	5 600
54.0	44.7	53.4	3 500	5 000
56.0	42.4	51.3	3 000	4 400
58.0	40.0	49.0	2 500	3 900
60.0	37.5	46.4	2 100	3 400
62.0	34.8	43.6		3 000
64.0	31.9	40.5		2 600
66.0	28.7	37.0		2 200

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
76.2m (250 Ft.) Boom				
11.6	82.9	78.0	49 900 *	49 900 *
12.0	82.6	77.9	49 800 *	49 800 *
13.0	81.9	77.8	49 600 *	49 600 *
14.0	81.1	77.6	48 200	49 400 *
15.0	80.3	77.5	43 600	49 100 *
16.0	79.6	77.3	39 700	47 300
18.0	78.0	76.9	33 400	39 600
20.0	76.5	76.4	28 500	33 800
22.0	74.9	75.9	24 600	29 200
24.0	73.4	75.3	21 500	25 600
26.0	71.8	74.6	18 900	22 500
28.0	70.2	73.9	16 700	20 000
30.0	68.6	73.1	14 800	17 800
32.0	66.9	72.3	13 200	16 000
34.0	65.3	71.4	11 700	14 300
36.0	63.6	70.4	10 500	12 900
38.0	61.9	69.4	9 400	11 600
40.0	60.2	68.2	8 400	10 500
42.0	58.4	67.0	7 500	9 500
44.0	56.6	65.7	6 700	8 600
46.0	54.8	64.3	5 900	7 700
48.0	52.9	62.8	5 300	7 000
50.0	51.0	61.3	4 700	6 300
52.0	49.0	59.5	4 100	5 700
54.0	47.0	57.7	3 600	5 100
56.0	44.9	55.7	3 100	4 500
58.0	42.7	53.6	2 600	4 000
60.0	40.4	51.3	2 200	3 500
62.0	38.0	48.8		3 100
64.0	35.4	46.1		2 700
66.0	32.7	43.1		2 300
68.0	29.8	39.7		1 900

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Boom No. 22EL

81 240 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
79.2m (260 Ft.) Boom				
12.2	82.8	81.0	45 500 *	45 500 *
13.0	82.2	80.9	45 400 *	45 400 *
14.0	81.4	80.7	45 100 *	45 100 *
15.0	80.7	80.6	43 700	44 900 *
16.0	80.0	80.4	39 500	44 400
18.0	78.5	80.0	33 200	39 700
20.0	77.0	79.5	28 300	33 600
22.0	75.5	79.0	24 500	29 000
24.0	74.0	78.5	21 300	25 400
26.0	72.5	77.8	18 700	22 400
28.0	71.0	77.2	16 500	19 800
30.0	69.4	76.4	14 600	17 600
32.0	67.9	75.6	13 000	15 800
34.0	66.3	74.8	11 600	14 100
36.0	64.7	73.8	10 300	12 700
38.0	63.1	72.8	9 200	11 400
40.0	61.5	71.7	8 200	10 300
42.0	59.8	70.6	7 300	9 300
44.0	58.1	69.4	6 500	8 400
46.0	56.4	68.1	5 700	7 500
48.0	54.6	66.7	5 000	6 800
50.0	52.8	65.2	4 400	6 100
52.0	50.9	63.6	3 900	5 400
54.0	49.0	61.8	3 400	4 800
56.0	47.1	60.0	2 900	4 300
58.0	45.0	58.1	2 400	3 800
60.0	42.9	56.0	2 000	3 300
62.0	40.8	53.7		2 900
64.0	38.5	51.2		2 400
66.0	36.0	48.5		2 100

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
82.3m (270 Ft.) Boom				
12.2	83.0	84.1	41 600 *	41 600 *
13.0	82.5	84.0	41 500 *	41 500 *
14.0	81.8	83.8	41 200 *	41 200 *
15.0	81.1	83.6	41 000 *	41 000 *
16.0	80.3	83.5	39 500	40 800 *
18.0	78.9	83.1	33 100	38 800
20.0	77.5	82.7	28 200	33 400
22.0	76.1	82.2	24 200	28 900
24.0	74.6	81.6	21 100	25 200
26.0	73.2	81.0	18 500	22 100
28.0	71.7	80.4	16 300	19 600
30.0	70.2	79.7	14 400	17 400
32.0	68.7	78.9	12 700	15 600
34.0	67.2	78.1	11 300	13 900
36.0	65.7	77.2	10 100	12 500
38.0	64.2	76.2	8 900	11 200
40.0	62.6	75.2	7 900	10 100
42.0	61.0	74.1	7 100	9 100
44.0	59.4	72.9	6 200	8 200
46.0	57.8	71.7	5 500	7 300
48.0	56.1	70.4	4 800	6 600
50.0	54.4	69.0	4 200	5 900
52.0	52.6	67.5	3 700	5 200
54.0	50.9	65.9	3 100	4 600
56.0	49.0	64.1	2 600	4 100
58.0	47.1	62.3	2 200	3 600
60.0	45.2	60.4		3 100
62.0	43.2	58.3		2 700
64.0	41.1	56.0		2 200



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888 SERIES 2

Boom No. 22EL
81 240 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
85.3m (280 Ft.) Boom				
12.8	82.9	87.1	37 600 *	37 600 *
13.0	82.7	87.0	37 600 *	37 600 *
14.0	82.1	86.9	37 400 *	37 400 *
15.0	81.4	86.7	37 200 *	37 200 *
16.0	80.7	86.6	36 900	36 900 *
18.0	79.3	86.2	33 200	36 500 *
20.0	78.0	85.8	27 900	33 300
22.0	76.6	85.3	24 100	28 700
24.0	75.2	84.8	20 900	25 000
26.0	73.8	84.2	18 300	22 000
28.0	72.4	83.6	16 100	19 400
30.0	71.0	82.9	14 200	17 200
32.0	69.5	82.2	12 600	15 400
34.0	68.1	81.4	11 100	13 700
36.0	66.6	80.5	9 900	12 300
38.0	65.2	79.6	8 800	11 000
40.0	63.7	78.6	7 700	9 900
42.0	62.1	77.6	6 800	8 900
44.0	60.6	76.5	6 100	7 900
46.0	59.1	75.3	5 300	7 100
48.0	57.5	74.0	4 600	6 300
50.0	55.9	72.7	4 000	5 700
52.0	54.2	71.3	3 400	5 000
54.0	52.5	69.8	2 900	4 400
56.0	50.8	68.2	2 400	3 900
58.0	49.0	66.4		3 400
60.0	47.2	64.6		2 900
62.0	45.3	62.7		2 400
64.0	43.4	60.6		2 000

Oper. Rad. Meters	Boom Ang. Deg.	Boom Point Elev. Meters	Boom Capacity Crawlers Retracted Kilograms	Boom Capacity Crawlers Extended Kilograms
88.4m (290 Ft.) Boom				
13.4	82.7	90.1	34 400 *	34 400 *
14.0	82.3	90.0	34 200 *	34 200 *
15.0	81.7	89.8	34 000 *	34 000 *
16.0	81.0	89.7	33 900 *	33 900 *
18.0	79.7	89.3	32 600	33 200 *
20.0	78.4	88.9	28 100	32 000
22.0	77.1	88.4	24 200	29 100
24.0	75.7	87.9	21 100	25 200
26.0	74.4	87.4	18 400	22 100
28.0	73.0	86.8	16 200	19 600
30.0	71.7	86.1	14 300	17 400
32.0	70.3	85.4	12 700	15 500
34.0	68.9	84.7	11 300	13 900
36.0	67.5	83.9	10 000	12 400
38.0	66.1	83.0	8 900	11 200
40.0	64.6	82.0	7 900	10 000
42.0	63.2	81.0	7 000	9 000
44.0	61.7	80.0	6 200	8 100
46.0	60.2	78.8	5 500	7 300
48.0	58.7	77.6	4 800	6 500
50.0	57.2	76.4	4 200	5 800
52.0	55.6	75.0	3 600	5 200
54.0	54.0	73.6	3 100	4 600
56.0	52.4	72.1	2 600	4 000
58.0	50.7	70.5	2 200	3 500
60.0	49.0	68.7		3 000
62.0	47.3	66.9		2 600
64.0	45.5	65.0		2 200