

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

888 SERIES 1

Boom No. 22EL
65 360 kg 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 boom length requires 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 and 65 360 kg 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) 76.2m	—	(a) 73.2m	—	67.1m	—	61.0m	—
73.2m	—	70.1m	—	64.0m	—	57.9m	9.1m
70.1m	—	67.1m	12.2m	61.0m	12.2m	54.9m	18.3m
67.1m	18.3m	64.0m	21.3m	57.9m	21.3m	51.8m	24.4m
64.0m	24.4m	61.0m	24.4m	54.9m	24.4m		

Load block, hook and weight ball on ground at start. (a) Upper boom point cannot be used on 76.2m boom and cannot be lifted over rear of blocked crawlers on 73.2m boom.

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

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21.3m (70 Ft.) Boom				
4.9	82.8	23.5		184 300 *b
5.0	82.5	23.5		180 200 *b
5.5	81.1	23.4		164 600 *b
6.0	79.7	23.3		151 400 *b
7.0	77.0	23.1		130 300 *b
8.0	74.2	22.8		109 200
9.0	71.3	22.5		89 700
10.0	68.4	22.1		75 900
11.0	65.5	21.6		65 600
12.0	62.5	21.1		57 500
13.0	59.3	20.5	43 300	51 100
14.0	56.1	19.8	38 900	45 900
15.0	52.7	19.0	35 300	41 500
16.0	49.1	18.1	32 200	37 800
18.0	41.3	16.0	27 100	31 800
20.0	31.9	13.2	23 200	27 200
24.4m (80 Ft.) Boom				
5.2	83.0	26.6		173 800 *b
5.5	82.2	26.5		164 200 *b
6.0	81.0	26.4		151 100 *b
7.0	78.6	26.2		130 000 *b
8.0	76.2	26.0		109 500
9.0	73.8	25.7		89 900
10.0	71.3	25.3		76 000
11.0	68.8	24.9		65 700
12.0	66.2	24.5		57 600
13.0	63.5	24.0	43 300	51 200
14.0	60.9	23.4	38 900	45 900
15.0	58.1	22.8	35 300	41 500
16.0	55.2	22.1	32 100	37 700
18.0	49.1	20.4	27 100	31 800
20.0	42.4	18.4	23 200	27 200
22.0	34.5	15.7	20 100	23 600
24.0	24.5	11.9	17 500	20 600

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		156 100 *b
6.0	82.0	29.5		150 900 *b
7.0	79.9	29.3		129 800 *b
8.0	77.8	29.1		109 700
9.0	75.6	28.9		90 000
10.0	73.4	28.6		76 100
11.0	71.2	28.2		65 700
12.0	69.0	27.8	48 600	57 700
13.0	66.7	27.4	43 300	51 200
14.0	64.4	26.9	38 900	45 900
15.0	62.0	26.4	35 300	41 500
16.0	59.6	25.8	32 100	37 800
18.0	54.5	24.4	27 100	31 800
20.0	49.1	22.7	23 200	27 200
22.0	43.2	20.7	20 100	23 600
24.0	36.4	18.2	17 500	20 700
26.0	28.3	14.9	15 400	18 200
30.5m (100 Ft.) Boom				
6.1	82.7	32.6		148 400 *b
7.0	80.9	32.5		129 600 *b
8.0	79.0	32.3		109 900
9.0	77.1	32.0		90 100
10.0	75.1	31.7		76 200
11.0	73.2	31.4	55 100	65 800
12.0	71.2	31.1	48 600	57 700
13.0	69.2	30.7	43 300	51 300
14.0	67.1	30.3	39 000	46 000
15.0	65.1	29.8	35 300	41 600
16.0	62.9	29.3	32 200	37 800
18.0	58.6	28.1	27 100	31 800
20.0	54.0	26.7	23 300	27 300
22.0	49.1	25.0	20 100	23 700
24.0	43.8	23.1	17 600	20 700
26.0	37.9	20.6	15 500	18 300
28.0	31.0	17.6	13 700	16 200
30.0	22.2	13.4	12 100	14 400

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33.5m (110 Ft.) Boom				
6.7	82.3	35.6		135 000 *
7.0	81.8	35.5		129 600 *
8.0	80.0	35.4		110 100
9.0	78.3	35.2		90 200
10.0	76.5	34.9		76 300
11.0	74.8	34.6	55 100	65 800
12.0	73.0	34.3	48 500	57 700
13.0	71.2	34.0	43 300	51 200
14.0	69.3	33.6	38 900	45 900
15.0	67.5	33.2	35 200	41 500
16.0	65.6	32.7	32 100	37 700
18.0	61.7	31.7	27 000	31 800
20.0	57.7	30.4	23 100	27 200
22.0	53.5	29.0	20 000	23 600
24.0	49.1	27.3	17 500	20 600
26.0	44.3	25.4	15 400	18 200
28.0	39.0	23.0	13 600	16 100
30.0	33.1	20.2	12 000	14 400
32.0	25.8	16.5	10 700	12 800
36.6m (120 Ft.) Boom				
6.7	82.9	38.7		134 800 *
7.0	82.5	38.6		129 400 *
8.0	80.9	38.5		110 100
9.0	79.3	38.3		90 200
10.0	77.7	38.0		76 300
11.0	76.1	37.8	55 000	65 800
12.0	74.4	37.5	48 500	57 700
13.0	72.8	37.2	43 200	51 200
14.0	71.1	36.8	38 800	45 900
15.0	69.5	36.5	35 200	41 400
16.0	67.8	36.1	32 000	37 700
18.0	64.3	35.1	27 000	31 700
20.0	60.7	34.0	23 100	27 100
22.0	57.0	32.8	19 900	23 600
24.0	53.2	31.3	17 400	20 600
26.0	49.1	29.6	15 300	18 200
28.0	44.7	27.7	13 500	16 100
30.0	40.0	25.4	12 000	14 300
32.0	34.7	22.7	10 700	12 800
34.0	28.5	19.3	9 500	11 500
36.0	20.6	14.7	8 400	10 300

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		123 500 *
8.0	81.6	41.6		110 200
9.0	80.1	41.4		90 300
10.0	78.6	41.2	63 500	76 300
11.0	77.2	40.9	55 100	65 900
12.0	75.7	40.7	48 500	57 700
13.0	74.2	40.4	43 200	51 200
14.0	72.6	40.1	38 800	45 900
15.0	71.1	39.7	35 100	41 500
16.0	69.6	39.4	32 000	37 700
18.0	66.4	38.5	27 000	31 700
20.0	63.2	37.5	23 100	27 100
22.0	59.9	36.4	19 900	23 500
24.0	56.4	35.1	17 400	20 600
26.0	52.8	33.6	15 300	18 200
28.0	49.1	31.9	13 500	16 100
30.0	45.1	30.0	12 000	14 400
32.0	40.7	27.8	10 700	12 900
34.0	36.0	25.2	9 500	11 500
36.0	30.5	22.0	8 500	10 400
38.0	24.0	18.0	7 500	9 300
42.7m (140 Ft.) Boom				
7.9	82.3	44.7		111 800
8.0	82.2	44.6		110 100
9.0	80.8	44.5		90 300
10.0	79.5	44.3	63 300	76 300
11.0	78.1	44.1	55 000	65 800
12.0	76.7	43.8	48 500	57 600
13.0	75.3	43.6	43 100	51 200
14.0	73.9	43.3	38 700	45 800
15.0	72.5	43.0	35 000	41 400
16.0	71.1	42.6	31 900	37 600
18.0	68.2	41.8	26 800	31 600
20.0	65.3	40.9	22 900	27 000
22.0	62.2	39.9	19 800	23 400
24.0	59.1	38.7	17 300	20 500
26.0	55.9	37.4	15 200	18 100
28.0	52.6	35.9	13 400	16 000
30.0	49.1	34.2	11 900	14 300
32.0	45.4	32.3	10 600	12 800
34.0	41.4	30.1	9 400	11 400
36.0	37.0	27.6	8 400	10 300
38.0	32.2	24.6	7 500	9 300
40.0	26.6	20.9	6 600	8 300
42.0	19.4	16.0	5 900	7 400



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45.7m (150 Ft.) Boom				
7.9	82.8	47.7		110 700 *
8.0	82.7	47.7		109 200
9.0	81.4	47.6		90 400
10.0	80.2	47.4	63 300	76 300
11.0	78.9	47.2	54 900	65 800
12.0	77.6	47.0	48 300	57 600
13.0	76.3	46.7	43 000	51 100
14.0	75.0	46.4	38 600	45 700
15.0	73.7	46.2	34 900	41 300
16.0	72.4	45.8	31 800	37 500
18.0	69.7	45.1	26 700	31 500
20.0	67.0	44.3	22 800	26 900
22.0	64.3	43.3	19 700	23 300
24.0	61.4	42.3	17 100	20 300
26.0	58.5	41.1	15 000	17 900
28.0	55.5	39.7	13 300	15 900
30.0	52.3	38.2	11 700	14 100
32.0	49.1	36.5	10 400	12 600
34.0	45.6	34.6	9 300	11 300
36.0	41.9	32.5	8 200	10 100
38.0	37.9	30.0	7 300	9 100
40.0	33.6	27.2	6 500	8 200
42.0	28.6	23.7	5 700	7 300
44.0	22.6	19.4	5 000	6 600
48.8m (160 Ft.) Boom				
8.5	82.5	50.7	80 500	98 600
9.0	82.0	50.7	74 300	90 500
10.0	80.8	50.5	63 100	76 200
11.0	79.6	50.3	54 800	65 700
12.0	78.4	50.1	48 200	57 500
13.0	77.2	49.9	42 900	51 000
14.0	76.0	49.6	38 500	45 600
15.0	74.8	49.3	34 800	41 200
16.0	73.5	49.0	31 600	37 400
18.0	71.1	48.4	26 600	31 400
20.0	68.5	47.6	22 700	26 800
22.0	66.0	46.7	19 500	23 100
24.0	63.4	45.7	17 000	20 200
26.0	60.7	44.6	14 900	17 800
28.0	57.9	43.4	13 100	15 700
30.0	55.1	42.1	11 600	14 000
32.0	52.1	40.5	10 200	12 500
34.0	49.1	38.8	9 100	11 100
36.0	45.8	37.0	8 100	10 000
38.0	42.4	34.8	7 200	9 000
40.0	38.7	32.4	6 400	8 000
42.0	34.7	29.7	5 600	7 200
44.0	30.2	26.4	5 000	6 500
46.0	25.0	22.5	4 300	5 800
48.0	18.5	17.3	3 800	5 100

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	80 400	96 800 *
9.0	82.5	53.7	74 200	90 000
10.0	81.3	53.6	63 100	76 200
11.0	80.2	53.4	54 800	65 600
12.0	79.1	53.2	48 200	57 500
13.0	78.0	53.0	42 800	50 900
14.0	76.8	52.8	38 400	45 500
15.0	75.7	52.5	34 700	41 100
16.0	74.5	52.2	31 600	37 300
18.0	72.2	51.6	26 500	31 300
20.0	69.9	50.9	22 600	26 700
22.0	67.5	50.1	19 400	23 000
24.0	65.1	49.2	16 900	20 100
26.0	62.6	48.1	14 800	17 700
28.0	60.0	47.0	13 000	15 600
30.0	57.4	45.8	11 500	13 900
32.0	54.7	44.4	10 200	12 400
34.0	52.0	42.8	9 000	11 100
36.0	49.1	41.1	8 000	9 900
38.0	46.0	39.3	7 100	8 900
40.0	42.8	37.2	6 300	7 900
42.0	39.4	34.8	5 500	7 100
44.0	35.7	32.1	4 900	6 400
46.0	31.6	29.1	4 300	5 700
48.0	27.0	25.4	3 700	5 100
50.0	21.5	20.8	3 200	4 500

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54.9m (180 Ft.) Boom				
9.1	82.7	56.8	72 200	87 900
10.0	81.8	56.7	63 000	76 100
11.0	80.8	56.5	54 600	65 600
12.0	79.7	56.3	48 000	57 300
13.0	78.6	56.1	42 700	50 800
14.0	77.6	55.9	38 300	45 500
15.0	76.5	55.6	34 600	41 000
16.0	75.4	55.4	31 400	37 200
18.0	73.2	54.8	26 300	31 200
20.0	71.0	54.1	22 400	26 500
22.0	68.8	53.4	19 300	22 900
24.0	66.5	52.5	16 800	20 000
26.0	64.2	51.6	14 600	17 500
28.0	61.9	50.5	12 900	15 500
30.0	59.5	49.4	11 300	13 700
32.0	57.0	48.1	10 000	12 200
34.0	54.4	46.7	8 800	10 900
36.0	51.8	45.1	7 800	9 800
38.0	49.0	43.4	6 900	8 800
40.0	46.2	41.6	6 200	7 800
42.0	43.2	39.5	5 400	7 000
44.0	40.0	37.2	4 700	6 200
46.0	36.6	34.6	4 100	5 600
48.0	32.8	31.6	3 600	4 900
50.0	28.6	28.2	3 100	4 300
52.0	23.8	24.0	2 600	3 800

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	65 400	79 100
10.0	82.3	59.8	63 000	76 200
11.0	81.3	59.6	54 500	65 500
12.0	80.3	59.4	47 900	57 200
13.0	79.2	59.2	42 600	50 700
14.0	78.2	59.0	38 100	45 300
15.0	77.2	58.8	34 400	40 900
16.0	76.2	58.5	31 200	37 100
18.0	74.2	58.0	26 200	31 000
20.0	72.1	57.3	22 300	26 400
22.0	70.0	56.6	19 100	22 700
24.0	67.8	55.8	16 600	19 800
26.0	65.7	54.9	14 500	17 400
28.0	63.5	54.0	12 700	15 300
30.0	61.2	52.9	11 100	13 500
32.0	58.9	51.7	9 800	12 000
34.0	56.6	50.4	8 700	10 700
36.0	54.1	49.0	7 700	9 600
38.0	51.6	47.4	6 800	8 500
40.0	49.0	45.7	5 900	7 600
42.0	46.3	43.9	5 200	6 800
44.0	43.5	41.8	4 600	6 100
46.0	40.5	39.6	3 900	5 300
48.0	37.3	37.0	3 400	4 700
50.0	33.9	34.2	2 900	4 200
52.0	30.0	30.9	2 400	3 600
54.0	25.7	27.0	1 900	3 100
56.0	20.5	22.1		2 700



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61.0m (200 Ft.) Boom				
9.8	82.9	62.9	65 300	77 500 *
10.0	82.7	62.8	62 900	75 200
11.0	81.7	62.7	54 400	65 400
12.0	80.7	62.5	47 800	57 100
13.0	79.8	62.3	42 400	50 500
14.0	78.8	62.1	38 000	45 200
15.0	77.9	61.9	34 300	40 700
16.0	76.9	61.7	31 100	36 900
18.0	75.0	61.2	26 000	30 800
20.0	73.0	60.6	22 100	26 200
22.0	71.0	59.9	18 900	22 600
24.0	69.0	59.1	16 400	19 600
26.0	67.0	58.3	14 300	17 200
28.0	64.9	57.4	12 500	15 100
30.0	62.8	56.4	11 000	13 300
32.0	60.7	55.3	9 600	11 900
34.0	58.5	54.1	8 500	10 500
36.0	56.2	52.7	7 500	9 400
38.0	53.9	51.3	6 600	8 300
40.0	51.5	49.7	5 700	7 400
42.0	49.0	48.0	5 000	6 600
44.0	46.5	46.2	4 400	5 900
46.0	43.8	44.2	3 800	5 200
48.0	41.0	41.9	3 200	4 600
50.0	38.0	39.4	2 700	4 000
52.0	34.8	36.6	2 200	3 500
54.0	31.2	33.5		3 000
56.0	27.3	29.8		2 500
58.0	22.8	25.4		2 100

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	59 400	71 700
11.0	82.1	65.8	54 300	65 300
12.0	81.2	65.6	47 700	57 100
13.0	80.3	65.4	42 300	50 500
14.0	79.4	65.2	37 900	45 100
15.0	78.5	65.0	34 200	40 600
16.0	77.5	64.8	31 000	36 800
18.0	75.7	64.3	25 900	30 700
20.0	73.8	63.7	21 900	26 100
22.0	72.0	63.1	18 800	22 500
24.0	70.1	62.4	16 300	19 500
26.0	68.1	61.6	14 100	17 000
28.0	66.2	60.7	12 400	15 000
30.0	64.2	59.8	10 800	13 300
32.0	62.2	58.8	9 500	11 700
34.0	60.1	57.6	8 400	10 400
36.0	58.0	56.4	7 300	9 300
38.0	55.9	55.1	6 400	8 200
40.0	53.7	53.6	5 600	7 300
42.0	51.4	52.0	4 900	6 500
44.0	49.0	50.3	4 200	5 700
46.0	46.6	48.5	3 600	5 100
48.0	44.1	46.5	3 100	4 400
50.0	41.4	44.3	2 600	3 900
52.0	38.6	41.8	2 100	3 400
54.0	35.6	39.1		2 900
56.0	32.3	36.1		2 400

Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

888 SERIES 1

Boom No. 22EL
65 360 kg 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	59 300	66 900 *
11.0	82.5	68.8	54 200	65 200
12.0	81.6	68.7	47 500	56 900
13.0	80.7	68.5	42 100	50 300
14.0	79.9	68.3	37 700	45 000
15.0	79.0	68.2	34 000	40 500
16.0	78.1	67.9	30 800	36 700
18.0	76.4	67.5	25 700	30 600
20.0	74.6	66.9	21 800	26 000
22.0	72.8	66.3	18 600	22 300
24.0	71.0	65.6	16 100	19 300
26.0	69.2	64.9	14 000	16 900
28.0	67.3	64.1	12 200	14 800
30.0	65.5	63.2	10 600	13 100
32.0	63.6	62.2	9 300	11 600
34.0	61.6	61.1	8 200	10 200
36.0	59.6	60.0	7 200	9 100
38.0	57.6	58.7	6 300	8 100
40.0	55.6	57.4	5 400	7 100
42.0	53.5	55.9	4 700	6 300
44.0	51.3	54.4	4 000	5 600
46.0	49.0	52.6	3 500	4 900
48.0	46.7	50.8	2 900	4 300
50.0	44.3	48.8	2 400	3 700
52.0	41.8	46.6		3 200
54.0	39.1	44.2		2 700
56.0	36.3	41.6		2 200

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	54 300	60 500 *
12.0	82.0	71.8	47 400	57 400
13.0	81.1	71.6	42 000	50 200
14.0	80.3	71.4	37 600	44 800
15.0	79.5	71.3	33 900	40 300
16.0	78.6	71.1	30 700	36 500
18.0	77.0	70.6	25 500	30 400
20.0	75.3	70.1	21 600	25 800
22.0	73.6	69.5	18 400	22 100
24.0	71.9	68.9	15 900	19 100
26.0	70.1	68.2	13 700	16 700
28.0	68.4	67.4	12 000	14 600
30.0	66.6	66.5	10 400	12 800
32.0	64.8	65.6	9 100	11 300
34.0	63.0	64.6	7 900	10 000
36.0	61.1	63.5	6 900	8 900
38.0	59.2	62.3	6 000	7 800
40.0	57.3	61.1	5 200	6 900
42.0	55.3	59.7	4 500	6 100
44.0	53.3	58.2	3 800	5 300
46.0	51.2	56.7	3 200	4 700
48.0	49.0	54.9	2 700	4 000
50.0	46.8	53.1	2 200	3 500
52.0	44.5	51.1		2 900
54.0	42.1	48.9		2 500
56.0	39.6	46.6		2 000

Liftcrane Boom Capacities

Meets
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888 SERIES 1

Boom No. 22EL
65 360 kg 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	49 900	55 000 *
12.0	82.3	74.9	47 300	54 900 *
13.0	81.5	74.7	41 900	50 100
14.0	80.7	74.5	37 400	44 700
15.0	79.9	74.4	33 700	40 100
16.0	79.1	74.2	30 500	36 300
18.0	77.5	73.7	25 300	30 300
20.0	75.9	73.2	21 400	25 600
22.0	74.3	72.7	18 300	21 900
24.0	72.6	72.1	15 700	19 000
26.0	71.0	71.4	13 600	16 500
28.0	69.3	70.7	11 800	14 500
30.0	67.6	69.8	10 300	12 700
32.0	65.9	69.0	8 900	11 200
34.0	64.2	68.0	7 800	9 900
36.0	62.4	67.0	6 700	8 700
38.0	60.6	65.9	5 800	7 700
40.0	58.8	64.7	5 000	6 700
42.0	56.9	63.4	4 300	5 900
44.0	55.0	62.0	3 600	5 100
46.0	53.1	60.5	3 000	4 500
48.0	51.1	59.0	2 500	3 800
50.0	49.0	57.2	2 000	3 300
52.0	46.9	55.4		2 800
54.0	44.7	53.4		2 300
56.0	42.4	51.3		1 800

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	47 400	49 800 *
13.0	81.9	77.8	42 000	49 300
14.0	81.1	77.6	37 500	44 800
15.0	80.3	77.5	33 800	40 300
16.0	79.6	77.3	30 600	36 400
18.0	78.0	76.9	25 400	30 300
20.0	76.5	76.4	21 500	25 700
22.0	74.9	75.9	18 300	22 000
24.0	73.4	75.3	15 800	19 100
26.0	71.8	74.6	13 600	16 600
28.0	70.2	73.9	11 900	14 500
30.0	68.6	73.1	10 300	12 800
32.0	66.9	72.3	9 000	11 200
34.0	65.3	71.4	7 900	9 900
36.0	63.6	70.4	6 800	8 800
38.0	61.9	69.4	5 900	7 700
40.0	60.2	68.2	5 100	6 800
42.0	58.4	67.0	4 400	6 000
44.0	56.6	65.7	3 700	5 200
46.0	54.8	64.3	3 100	4 600
48.0	52.9	62.8	2 600	3 900
50.0	51.0	61.3	2 100	3 400
52.0	49.0	59.5		2 900
54.0	47.0	57.7		2 400
56.0	44.9	55.7		1 900