

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL
65 360 kg Counterweight
8 585 mm Crawlers Retracted
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

LIFTING CAPACITIES: Lifting capacities are for a crawler machine with crawlers retracted when operating on a barge. Machine shall be positively secured to prevent shifting. Lifting 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 (*).

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 all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom 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 on a firm uniformly supporting surface with crawlers fully retracted, gantry up and machine list not to exceed degrees noted. 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 at barge deck 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 barge deck 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.

Maximum Boom Length Lifted Unassisted			
List	Over Front of Blocked Crawlers	Over Rear of Blocked Crawlers	Over Side of Retracted Crawlers
	Boom Length	Boom Length	Boom Length
0 Degree	(a) 76.2m	(a) 73.2m	61.0m
1 Degree	73.2m	70.1m	61.0m
2 Degree	73.2m	70.1m	61.0m
3 Degree	70.1m	70.1m	61.0m
Load block, hook and weight ball on barge deck 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. Jib is not to be used on crawler machine while operating on a barge.			

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21.3m (70 Ft.) BOOM							
12.8	60.0	20.6	44 300	42 100	40 200	38 500	12.8
13.0	59.3	20.5	43 300	41 300	39 400	37 700	13.0
14.0	56.1	19.8	38 900	37 300	35 700	34 300	14.0
15.0	52.7	19.0	35 300	33 900	32 600	31 400	15.0
16.0	49.1	18.1	32 200	30 900	29 800	28 800	16.0
18.0	41.3	16.0	27 100	26 200	25 400	24 700	18.0
20.0	31.9	13.2	23 200	22 500	22 000	21 400	20.0
24.4m (80 Ft.) BOOM							
12.2	65.7	24.4	47 400	44 800	42 400	40 100	12.2
13.0	63.5	24.0	43 300	41 000	38 900	37 000	13.0
14.0	60.9	23.4	38 900	37 000	35 300	33 700	14.0
15.0	58.1	22.8	35 300	33 600	32 100	30 800	15.0
16.0	55.2	22.1	32 100	30 700	29 500	28 300	16.0
18.0	49.1	20.4	27 100	26 000	25 100	24 200	18.0
20.0	42.4	18.4	23 200	22 400	21 700	21 000	20.0
22.0	34.5	15.7	20 100	19 400	18 900	18 400	22.0
24.0	24.5	11.9	17 500	17 000	16 600	16 200	24.0
27.4m (90 Ft.) BOOM							
11.6	69.9	28.0	51 100	47 700	44 700	42 000	11.6
12.0	69.0	27.8	48 600	45 500	42 700	40 200	12.0
13.0	66.7	27.4	43 300	40 700	38 400	36 300	13.0
14.0	64.4	26.9	38 900	36 800	34 900	33 100	14.0
15.0	62.0	26.4	35 300	33 400	31 800	30 300	15.0
16.0	59.6	25.8	32 100	30 500	29 100	27 800	16.0
18.0	54.5	24.4	27 100	25 900	24 800	23 800	18.0
20.0	49.1	22.7	23 200	22 200	21 400	20 600	20.0
22.0	43.2	20.7	20 100	19 300	18 700	18 100	22.0
24.0	36.4	18.2	17 500	16 900	16 400	15 900	24.0
26.0	28.3	14.9	15 400	14 900	14 500	14 200	26.0
30.5m (100 Ft.) BOOM							
11.0	73.2	31.4	55 300	51 100	47 400	44 100	11.0
12.0	71.2	31.1	48 600	45 200	42 200	39 500	12.0
13.0	69.2	30.7	43 300	40 500	38 000	35 700	13.0
14.0	67.1	30.3	39 000	36 600	34 500	32 500	14.0
15.0	65.1	29.8	35 300	33 300	31 500	29 800	15.0
16.0	62.9	29.3	32 200	30 400	28 800	27 400	16.0
18.0	58.6	28.1	27 100	25 800	24 600	23 500	18.0
20.0	54.0	26.7	23 300	22 200	21 300	20 400	20.0
22.0	49.1	25.0	20 100	19 300	18 500	17 800	22.0
24.0	43.8	23.1	17 600	16 900	16 300	15 700	24.0
26.0	37.9	20.6	15 500	14 900	14 400	14 000	26.0
28.0	31.0	17.6	13 700	13 200	12 800	12 500	28.0
30.0	22.2	13.4	12 100	11 700	11 400	11 100	30.0

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Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
33.5m (110 Ft.) BOOM							
11.0	74.8	34.6	55 300	50 700	46 700	43 200	11.0
12.0	73.0	34.3	48 500	44 800	41 600	38 700	12.0
13.0	71.2	34.0	43 300	40 200	37 500	35 100	13.0
14.0	69.3	33.6	38 900	36 300	34 000	31 900	14.0
15.0	67.5	33.2	35 200	33 000	31 000	29 300	15.0
16.0	65.6	32.7	32 100	30 200	28 500	26 900	16.0
18.0	61.7	31.7	27 000	25 500	24 200	23 100	18.0
20.0	57.7	30.4	23 100	22 000	20 900	20 000	20.0
22.0	53.5	29.0	20 000	19 100	18 300	17 500	22.0
24.0	49.1	27.3	17 500	16 700	16 000	15 400	24.0
26.0	44.3	25.4	15 400	14 700	14 200	13 700	26.0
28.0	39.0	23.0	13 600	13 000	12 600	12 200	28.0
30.0	33.1	20.2	12 000	11 600	11 200	10 900	30.0
32.0	25.8	16.5	10 700	10 300	10 000	9 700	32.0
36.6m (120 Ft.) BOOM							
10.4	77.1	38.0	60 100	54 400	49 600	45 400	10.4
11.0	76.1	37.8	55 000	50 100	45 900	42 200	11.0
12.0	74.4	37.5	48 500	44 500	41 000	38 000	12.0
13.0	72.8	37.2	43 200	39 900	37 000	34 400	13.0
14.0	71.1	36.8	38 800	36 000	33 600	31 400	14.0
15.0	69.5	36.5	35 200	32 800	30 700	28 700	15.0
16.0	67.8	36.1	32 000	30 000	28 100	26 400	16.0
18.0	64.3	35.1	27 000	25 400	24 000	22 600	18.0
20.0	60.7	34.0	23 100	21 800	20 700	19 700	20.0
22.0	57.0	32.8	19 900	18 900	18 000	17 200	22.0
24.0	53.2	31.3	17 400	16 600	15 800	15 100	24.0
26.0	49.1	29.6	15 300	14 600	14 000	13 400	26.0
28.0	44.7	27.7	13 500	12 900	12 400	11 900	28.0
30.0	40.0	25.4	12 000	11 500	11 100	10 700	30.0
32.0	34.7	22.7	10 700	10 200	9 900	9 500	32.0
34.0	28.5	19.3	9 500	9 100	8 800	8 500	34.0
36.0	20.6	14.7	8 400	8 100	7 900	7 700	36.0

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Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
39.6m (130 Ft.) BOOM							
9.8	79.0	41.2	65 800	58 700	52 800	47 800	9.8
10.0	78.6	41.2	63 500	56 800	51 200	46 500	10.0
11.0	77.2	40.9	55 100	49 800	45 300	41 500	11.0
12.0	75.7	40.7	48 500	44 200	40 600	37 300	12.0
13.0	74.2	40.4	43 200	39 700	36 600	33 900	13.0
14.0	72.6	40.1	38 800	35 800	33 200	30 900	14.0
15.0	71.1	39.7	35 100	32 600	30 300	28 300	15.0
16.0	69.6	39.4	32 000	29 800	27 800	26 100	16.0
18.0	66.4	38.5	27 000	25 200	23 700	22 400	18.0
20.0	63.2	37.5	23 100	21 700	20 500	19 400	20.0
22.0	59.9	36.4	19 900	18 800	17 900	17 000	22.0
24.0	56.4	35.1	17 400	16 500	15 700	14 900	24.0
26.0	52.8	33.6	15 300	14 500	13 800	13 200	26.0
28.0	49.1	31.9	13 500	12 800	12 300	11 800	28.0
30.0	45.1	30.0	12 000	11 400	11 000	10 500	30.0
32.0	40.7	27.8	10 700	10 200	9 800	9 400	32.0
34.0	36.0	25.2	9 500	9 100	8 700	8 400	34.0
36.0	30.5	22.0	8 500	8 100	7 800	7 500	36.0
38.0	24.0	18.0	7 500	7 200	7 000	6 800	38.0
42.7m (140 Ft.) BOOM							
9.1	80.6	44.5	72 500	63 500	56 400	50 400	9.1
10.0	79.5	44.3	63 300	56 200	50 400	45 500	10.0
11.0	78.1	44.1	55 000	49 400	44 700	40 700	11.0
12.0	76.7	43.8	48 500	43 900	40 000	36 600	12.0
13.0	75.3	43.6	43 100	39 300	36 100	33 200	13.0
14.0	73.9	43.3	38 700	35 500	32 800	30 300	14.0
15.0	72.5	43.0	35 000	32 300	29 900	27 800	15.0
16.0	71.1	42.6	31 900	29 500	27 500	25 600	16.0
18.0	68.2	41.8	26 800	25 000	23 400	22 000	18.0
20.0	65.3	40.9	22 900	21 500	20 200	19 000	20.0
22.0	62.2	39.9	19 800	18 600	17 600	16 600	22.0
24.0	59.1	38.7	17 300	16 300	15 500	14 600	24.0
26.0	55.9	37.4	15 200	14 300	13 700	13 000	26.0
28.0	52.6	35.9	13 400	12 700	12 100	11 500	28.0
30.0	49.1	34.2	11 900	11 300	10 800	10 200	30.0
32.0	45.4	32.3	10 600	10 000	9 600	9 200	32.0
34.0	41.4	30.1	9 400	9 000	8 600	8 200	34.0
36.0	37.0	27.6	8 400	8 000	7 600	7 400	36.0
38.0	32.2	24.6	7 500	7 100	6 800	6 600	38.0
40.0	26.6	20.9	6 600	6 300	6 100	5 900	40.0
42.0	19.4	16.0	5 900	5 600	5 400	5 200	42.0

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45.7m (150 Ft.) BOOM							
9.1	81.3	47.5	72 400	63 000			9.1
10.0	80.2	47.4	63 300	55 700	49 700		10.0
11.0	78.9	47.2	54 900	49 000	44 000	39 800	11.0
12.0	77.6	47.0	48 300	43 500	39 400	35 900	12.0
13.0	76.3	46.7	43 000	39 000	35 600	32 600	13.0
14.0	75.0	46.4	38 600	35 200	32 300	29 700	14.0
15.0	73.7	46.2	34 900	32 000	29 500	27 200	15.0
16.0	72.4	45.8	31 800	29 200	27 100	25 100	16.0
18.0	69.7	45.1	26 700	24 700	23 000	21 500	18.0
20.0	67.0	44.3	22 800	21 200	19 900	18 600	20.0
22.0	64.3	43.3	19 700	18 400	17 300	16 300	22.0
24.0	61.4	42.3	17 100	16 000	15 100	14 300	24.0
26.0	58.5	41.1	15 000	14 100	13 300	12 600	26.0
28.0	55.5	39.7	13 300	12 500	11 800	11 200	28.0
30.0	52.3	38.2	11 700	11 000	10 500	10 000	30.0
32.0	49.1	36.5	10 400	9 800	9 300	8 900	32.0
34.0	45.6	34.6	9 300	8 700	8 300	7 900	34.0
36.0	41.9	32.5	8 200	7 700	7 400	7 100	36.0
38.0	37.9	30.0	7 300	6 900	6 600	6 300	38.0
40.0	33.6	27.2	6 500	6 100	5 900	5 600	40.0
42.0	28.6	23.7	5 700	5 400	5 200	5 000	42.0
44.0	22.6	19.4	5 000	4 800	4 600	4 400	44.0
48.8m (160 Ft.) BOOM							
8.5	82.5	50.7	80 500				8.5
9.0	82.0	50.7	74 300				9.0
10.0	80.8	50.5	63 100	55 200			10.0
11.0	79.6	50.3	54 800	48 500	43 300	39 000	11.0
12.0	78.4	50.1	48 200	43 100	38 800	35 200	12.0
13.0	77.2	49.9	42 900	38 600	35 000	31 900	13.0
14.0	76.0	49.6	38 500	34 900	31 800	29 100	14.0
15.0	74.8	49.3	34 800	31 700	29 100	26 700	15.0
16.0	73.5	49.0	31 600	29 000	26 700	24 600	16.0
18.0	71.1	48.4	26 600	24 500	22 700	21 100	18.0
20.0	68.5	47.6	22 700	21 000	19 500	18 300	20.0
22.0	66.0	46.7	19 500	18 200	17 000	15 900	22.0
24.0	63.4	45.7	17 000	15 900	14 900	14 000	24.0
26.0	60.7	44.6	14 900	13 900	13 100	12 400	26.0
28.0	57.9	43.4	13 100	12 300	11 600	10 900	28.0
30.0	55.1	42.1	11 600	10 900	10 300	9 700	30.0
32.0	52.1	40.5	10 200	9 600	9 100	8 600	32.0
34.0	49.1	38.8	9 100	8 600	8 100	7 700	34.0
36.0	45.8	37.0	8 100	7 600	7 200	6 800	36.0
38.0	42.4	34.8	7 200	6 700	6 400	6 100	38.0
40.0	38.7	32.4	6 400	6 000	5 700	5 400	40.0
42.0	34.7	29.7	5 600	5 300	5 000	4 800	42.0
44.0	30.2	26.4	5 000	4 600	4 400	4 200	44.0
46.0	25.0	22.5	4 300	4 000	3 900	3 700	46.0
48.0	18.5	17.3	3 800	3 500	3 300	3 200	48.0

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51.8m (170 Ft.) BOOM							
8.5	83.0	53.8	80 400				8.5
9.0	82.5	53.7	74 200				9.0
10.0	81.3	53.6	63 100	54 800			10.0
11.0	80.2	53.4	54 800	48 100	42 700		11.0
12.0	79.1	53.2	48 200	42 700	38 300	34 600	12.0
13.0	78.0	53.0	42 800	38 300	34 600	31 300	13.0
14.0	76.8	52.8	38 400	34 600	31 400	28 600	14.0
15.0	75.7	52.5	34 700	31 500	28 700	26 300	15.0
16.0	74.5	52.2	31 600	28 800	26 300	24 200	16.0
18.0	72.2	51.6	26 500	24 300	22 400	20 700	18.0
20.0	69.9	50.9	22 600	20 800	19 300	17 900	20.0
22.0	67.5	50.1	19 400	18 000	16 800	15 700	22.0
24.0	65.1	49.2	16 900	15 700	14 700	13 700	24.0
26.0	62.6	48.1	14 800	13 800	12 900	12 100	26.0
28.0	60.0	47.0	13 000	12 200	11 400	10 700	28.0
30.0	57.4	45.8	11 500	10 700	10 100	9 500	30.0
32.0	54.7	44.4	10 200	9 500	9 000	8 400	32.0
34.0	52.0	42.8	9 000	8 400	7 900	7 500	34.0
36.0	49.1	41.1	8 000	7 500	7 100	6 600	36.0
38.0	46.0	39.3	7 100	6 600	6 200	5 900	38.0
40.0	42.8	37.2	6 300	5 800	5 500	5 200	40.0
42.0	39.4	34.8	5 500	5 200	4 900	4 600	42.0
44.0	35.7	32.1	4 900	4 500	4 300	4 000	44.0
46.0	31.6	29.1	4 300	4 000	3 700	3 500	46.0
48.0	27.0	25.4	3 700	3 400	3 300	3 100	48.0
50.0	21.5	20.8	3 200	2 900	2 800	2 600	50.0

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54.9m (180 Ft.) BOOM							
9.1	82.7	56.8	72 200				9.1
10.0	81.8	56.7	63 000				10.0
11.0	80.8	56.5	54 600	47 600	42 100		11.0
12.0	79.7	56.3	48 000	42 400	37 700		12.0
13.0	78.6	56.1	42 700	38 000	34 100	30 700	13.0
14.0	77.6	55.9	38 300	34 300	30 900	28 100	14.0
15.0	76.5	55.6	34 600	31 100	28 300	25 800	15.0
16.0	75.4	55.4	31 400	28 500	26 000	23 700	16.0
18.0	73.2	54.8	26 300	24 000	22 100	20 300	18.0
20.0	71.0	54.1	22 400	20 600	19 000	17 600	20.0
22.0	68.8	53.4	19 300	17 800	16 500	15 300	22.0
24.0	66.5	52.5	16 800	15 500	14 400	13 400	24.0
26.0	64.2	51.6	14 600	13 600	12 700	11 800	26.0
28.0	61.9	50.5	12 900	11 900	11 200	10 400	28.0
30.0	59.5	49.4	11 300	10 500	9 900	9 200	30.0
32.0	57.0	48.1	10 000	9 300	8 700	8 200	32.0
34.0	54.4	46.7	8 800	8 200	7 700	7 200	34.0
36.0	51.8	45.1	7 800	7 300	6 900	6 400	36.0
38.0	49.0	43.4	6 900	6 400	6 100	5 700	38.0
40.0	46.2	41.6	6 200	5 700	5 300	5 000	40.0
42.0	43.2	39.5	5 400	5 000	4 700	4 400	42.0
44.0	40.0	37.2	4 700	4 400	4 100	3 800	44.0
46.0	36.6	34.6	4 100	3 800	3 500	3 300	46.0
48.0	32.8	31.6	3 600	3 300	3 000	2 900	48.0
50.0	28.6	28.2	3 100	2 800	2 600	2 400	50.0
52.0	23.8	24.0	2 600	2 300	2 200	2 000	52.0

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57.9m (190 Ft.) BOOM							
9.8	82.5	59.8	65 400				9.8
10.0	82.3	59.8	63 000				10.0
11.0	81.3	59.6	54 500	47 200			11.0
12.0	80.3	59.4	47 900	42 000	37 200		12.0
13.0	79.2	59.2	42 600	37 600	33 600	30 100	13.0
14.0	78.2	59.0	38 100	34 000	30 500	27 500	14.0
15.0	77.2	58.8	34 400	30 800	27 800	25 200	15.0
16.0	76.2	58.5	31 200	28 100	25 500	23 200	16.0
18.0	74.2	58.0	26 200	23 800	21 700	19 900	18.0
20.0	72.1	57.3	22 300	20 300	18 600	17 200	20.0
22.0	70.0	56.6	19 100	17 500	16 200	14 900	22.0
24.0	67.8	55.8	16 600	15 200	14 100	13 100	24.0
26.0	65.7	54.9	14 500	13 300	12 400	11 500	26.0
28.0	63.5	54.0	12 700	11 700	10 900	10 100	28.0
30.0	61.2	52.9	11 100	10 300	9 600	8 900	30.0
32.0	58.9	51.7	9 800	9 100	8 400	7 900	32.0
34.0	56.6	50.4	8 700	8 000	7 400	6 900	34.0
36.0	54.1	49.0	7 700	7 000	6 600	6 100	36.0
38.0	51.6	47.4	6 800	6 200	5 800	5 400	38.0
40.0	49.0	45.7	5 900	5 400	5 100	4 700	40.0
42.0	46.3	43.9	5 200	4 700	4 400	4 100	42.0
44.0	43.5	41.8	4 600	4 100	3 800	3 500	44.0
46.0	40.5	39.6	3 900	3 500	3 300	3 100	46.0
48.0	37.3	37.0	3 400	3 000	2 800	2 600	48.0
50.0	33.9	34.2	2 900	2 600	2 300	2 100	50.0
52.0	30.0	30.9	2 400	2 100			52.0
54.0	25.7	27.0	1 900				54.0

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL
65 360 kg Counterweight
8 585 mm Crawlers Retracted
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
61.0m (200 Ft.) BOOM							
9.8	82.9	62.9	65 300				9.8
10.0	82.7	62.8	62 900				10.0
11.0	81.7	62.7	54 400	46 800			11.0
12.0	80.7	62.5	47 800	41 600			12.0
13.0	79.8	62.3	42 400	37 300	33 000	29 500	13.0
14.0	78.8	62.1	38 000	33 600	30 000	26 900	14.0
15.0	77.9	61.9	34 300	30 500	27 400	24 700	15.0
16.0	76.9	61.7	31 100	27 800	25 100	22 700	16.0
18.0	75.0	61.2	26 000	23 500	21 300	19 500	18.0
20.0	73.0	60.6	22 100	20 000	18 300	16 800	20.0
22.0	71.0	59.9	18 900	17 300	15 900	14 600	22.0
24.0	69.0	59.1	16 400	15 000	13 800	12 700	24.0
26.0	67.0	58.3	14 300	13 100	12 100	11 200	26.0
28.0	64.9	57.4	12 500	11 500	10 600	9 800	28.0
30.0	62.8	56.4	11 000	10 100	9 300	8 700	30.0
32.0	60.7	55.3	9 600	8 800	8 200	7 600	32.0
34.0	58.5	54.1	8 500	7 800	7 200	6 700	34.0
36.0	56.2	52.7	7 500	6 800	6 400	5 900	36.0
38.0	53.9	51.3	6 600	6 000	5 600	5 100	38.0
40.0	51.5	49.7	5 700	5 300	4 900	4 500	40.0
42.0	49.0	48.0	5 000	4 600	4 200	3 900	42.0
44.0	46.5	46.2	4 400	4 000	3 600	3 300	44.0
46.0	43.8	44.2	3 800	3 400	3 100	2 800	46.0
48.0	41.0	41.9	3 200	2 800	2 600	2 300	48.0
50.0	38.0	39.4	2 700	2 400	2 100	1 900	50.0
52.0	34.8	36.6	2 200				52.0

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL

65 360 kg Counterweight

8 585 mm Crawlers Retracted

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
64.0m (210 Ft.) BOOM							
10.4	82.7	65.9	59 400				10.4
11.0	82.1	65.8	54 300				11.0
12.0	81.2	65.6	47 700	41 200			12.0
13.0	80.3	65.4	42 300	36 900	32 600		13.0
14.0	79.4	65.2	37 900	33 300	29 600	26 400	14.0
15.0	78.5	65.0	34 200	30 200	27 000	24 300	15.0
16.0	77.5	64.8	31 000	27 600	24 700	22 300	16.0
18.0	75.7	64.3	25 900	23 300	21 000	19 100	18.0
20.0	73.8	63.7	21 900	19 800	18 100	16 500	20.0
22.0	72.0	63.1	18 800	17 100	15 600	14 300	22.0
24.0	70.1	62.4	16 300	14 800	13 600	12 500	24.0
26.0	68.1	61.6	14 100	12 900	11 900	10 900	26.0
28.0	66.2	60.7	12 400	11 300	10 400	9 600	28.0
30.0	64.2	59.8	10 800	9 900	9 100	8 400	30.0
32.0	62.2	58.8	9 500	8 700	8 000	7 400	32.0
34.0	60.1	57.6	8 400	7 600	7 000	6 500	34.0
36.0	58.0	56.4	7 300	6 700	6 200	5 700	36.0
38.0	55.9	55.1	6 400	5 800	5 400	4 900	38.0
40.0	53.7	53.6	5 600	5 100	4 700	4 300	40.0
42.0	51.4	52.0	4 900	4 400	4 000	3 700	42.0
44.0	49.0	50.3	4 200	3 800	3 500	3 100	44.0
46.0	46.6	48.5	3 600	3 200	2 900	2 600	46.0
48.0	44.1	46.5	3 100	2 700	2 400	2 200	48.0
50.0	41.4	44.3	2 600	2 200	2 000		50.0
52.0	38.6	41.8	2 100				52.0

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL
65 360 kg Counterweight
8 585 mm Crawlers Retracted
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	3 Degree List Boom Capacity Kilograms	Oper. Radius Meters
67.1m (220 Ft.) BOOM							
10.4	83.0	68.9	59 300				10.4
11.0	82.5	68.8	54 200				11.0
12.0	81.6	68.7	47 500	40 800			12.0
13.0	80.7	68.5	42 100	36 500	32 100		13.0
14.0	79.9	68.3	37 700	33 000	29 100		14.0
15.0	79.0	68.2	34 000	29 900	26 600	23 700	15.0
16.0	78.1	67.9	30 800	27 300	24 400	21 800	16.0
18.0	76.4	67.5	25 700	23 000	20 700	18 700	18.0
20.0	74.6	66.9	21 800	19 600	17 700	16 100	20.0
22.0	72.8	66.3	18 600	16 800	15 300	13 900	22.0
24.0	71.0	65.6	16 100	14 600	13 300	12 100	24.0
26.0	69.2	64.9	14 000	12 700	11 600	10 600	26.0
28.0	67.3	64.1	12 200	11 100	10 100	9 300	28.0
30.0	65.5	63.2	10 600	9 700	8 900	8 100	30.0
32.0	63.6	62.2	9 300	8 500	7 800	7 100	32.0
34.0	61.6	61.1	8 200	7 400	6 800	6 200	34.0
36.0	59.6	60.0	7 200	6 500	5 900	5 400	36.0
38.0	57.6	58.7	6 300	5 600	5 200	4 700	38.0
40.0	55.6	57.4	5 400	4 900	4 400	4 000	40.0
42.0	53.5	55.9	4 700	4 200	3 800	3 400	42.0
44.0	51.3	54.4	4 000	3 600	3 200	2 900	44.0
46.0	49.0	52.6	3 500	3 000	2 700	2 400	46.0
48.0	46.7	50.8	2 900	2 500	2 200	1 900	48.0
50.0	44.3	48.8	2 400	2 000			50.0
70.1m (230 Ft.) BOOM							
11.0	82.8	71.9	54 300				11.0
12.0	82.0	71.8	47 400				12.0
13.0	81.1	71.6	42 000	36 200			13.0
14.0	80.3	71.4	37 600	32 600	28 700		14.0
15.0	79.5	71.3	33 900	29 600	26 200	22 600 *	15.0
16.0	78.6	71.1	30 700	27 000	24 000	21 400	16.0
18.0	77.0	70.6	25 500	22 700	20 300	18 200	18.0
20.0	75.3	70.1	21 600	19 300	17 400	15 700	20.0
22.0	73.6	69.5	18 400	16 600	15 000	13 600	22.0
24.0	71.9	68.9	15 900	14 300	13 000	11 800	24.0
26.0	70.1	68.2	13 700	12 400	11 300	10 300	26.0
28.0	68.4	67.4	12 000	10 800	9 800	8 900	28.0
30.0	66.6	66.5	10 400	9 400	8 600	7 800	30.0
32.0	64.8	65.6	9 100	8 200	7 500	6 800	32.0
34.0	63.0	64.6	7 900	7 200	6 500	5 900	34.0
36.0	61.1	63.5	6 900	6 200	5 600	5 100	36.0
38.0	59.2	62.3	6 000	5 400	4 900	4 400	38.0
40.0	57.3	61.1	5 200	4 600	4 200	3 700	40.0
42.0	55.3	59.7	4 500	4 000	3 500	3 100	42.0
44.0	53.3	58.2	3 800	3 300	3 000	2 600	44.0
46.0	51.2	56.7	3 200	2 800	2 400	2 100	46.0
48.0	49.0	54.9	2 700	2 300	1 900		48.0
50.0	46.8	53.1	2 200				50.0

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL

65 360 kg Counterweight

8 585 mm Crawlers Retracted

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	1 Degree List Boom Capacity Kilograms	2 Degree List Boom Capacity Kilograms	Oper. Radius Meters
73.2m (240 Ft.) BOOM						
11.6	82.6	74.9	49 900			11.6
12.0	82.3	74.9	47 300			12.0
13.0	81.5	74.7	41 900	35 800		13.0
14.0	80.7	74.5	37 400	32 300		14.0
15.0	79.9	74.4	33 700	29 300	25 900	15.0
16.0	79.1	74.2	30 500	26 700	23 600	16.0
18.0	77.5	73.7	25 300	22 400	20 000	18.0
20.0	75.9	73.2	21 400	19 000	17 000	20.0
22.0	74.3	72.7	18 300	16 300	14 700	22.0
24.0	72.6	72.1	15 700	14 100	12 700	24.0
26.0	71.0	71.4	13 600	12 200	11 000	26.0
28.0	69.3	70.7	11 800	10 600	9 600	28.0
30.0	67.6	69.8	10 300	9 200	8 300	30.0
32.0	65.9	69.0	8 900	8 000	7 200	32.0
34.0	64.2	68.0	7 800	6 900	6 300	34.0
36.0	62.4	67.0	6 700	6 000	5 400	36.0
38.0	60.6	65.9	5 800	5 200	4 600	38.0
40.0	58.8	64.7	5 000	4 400	4 000	40.0
42.0	56.9	63.4	4 300	3 800	3 300	42.0
44.0	55.0	62.0	3 600	3 100	2 700	44.0
46.0	53.1	60.5	3 000	2 500	2 200	46.0
48.0	51.1	59.0	2 500	2 000		48.0
50.0	49.0	57.2	2 000			50.0

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL

65 360 kg Counterweight

8 585 mm Crawlers Retracted

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

Oper. Radius Meters	Boom Angle Deg.	Boom Point Elev. Meters	0 Degree List Boom Capacity Kilograms	Oper. Radius Meters
76.2m (250 Ft.) BOOM				
11.6	82.9	78.0	49 900 *	11.6
12.0	82.6	77.9	47 400	12.0
13.0	81.9	77.8	42 000	13.0
14.0	81.1	77.6	37 500	14.0
15.0	80.3	77.5	33 800	15.0
16.0	79.6	77.3	30 600	16.0
18.0	78.0	76.9	25 400	18.0
20.0	76.5	76.4	21 500	20.0
22.0	74.9	75.9	18 300	22.0
24.0	73.4	75.3	15 800	24.0
26.0	71.8	74.6	13 600	26.0
28.0	70.2	73.9	11 900	28.0
30.0	68.6	73.1	10 300	30.0
32.0	66.9	72.3	9 000	32.0
34.0	65.3	71.4	7 900	34.0
36.0	63.6	70.4	6 800	36.0
38.0	61.9	69.4	5 900	38.0
40.0	60.2	68.2	5 100	40.0
42.0	58.4	67.0	4 400	42.0
44.0	56.6	65.7	3 700	44.0
46.0	54.8	64.3	3 100	46.0
48.0	52.9	62.8	2 600	48.0
50.0	51.0	61.3	2 100	50.0