

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL
49 490 kg Counterweight
8 585 mm Crawlers Extended
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 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 (*). 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.

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 extended,

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 49 490 kg counterweight.

Maximum Boom Lengths Lifted Unassisted			
List	Over Front of Blocked Crawlers	Over Rear of Blocked Crawlers	Over Side of Extended Crawlers
	Boom Length	Boom Length	Boom Length
0 Degree	64.0m	64.0m	57.9m
1 Degree	64.0m	64.0m	57.9m
2 Degree	64.0m	64.0m	57.9m
3 Degree	64.0m	61.0m	57.9m
Load block, hook and weight ball on barge deck at start.			



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21.3m (70 Ft.) Boom							
4.9	82.8	23.5	172 700 *b				4.9
5.0	82.5	23.5	168 800 *b				5.0
5.5	81.1	23.4	154 100 *b	142 600 *b			5.5
6.0	79.7	23.3	141 800 *b	131 800 *b	119 900 b		6.0
7.0	77.0	23.1	116 600 b	103 500 b	93 500 b	85 100 b	7.0
8.0	74.2	22.8	90 800	83 000	76 300	70 500	8.0
9.0	71.3	22.5	74 500	69 000	64 200	60 000	9.0
10.0	68.4	22.0	62 900	58 800	55 200	52 000	10.0
11.0	65.5	21.6	54 200	51 100	48 300	45 700	11.0
12.0	62.5	21.0	47 400	44 900	42 700	40 600	12.0
13.0	59.3	20.5	42 000	40 000	38 200	36 500	13.0
14.0	56.1	19.8	37 600	35 900	34 400	33 000	14.0
15.0	52.7	19.0	33 900	32 500	31 300	30 100	15.0
16.0	49.1	18.1	30 800	29 600	28 500	27 500	16.0
18.0	41.3	16.0	25 700	24 900	24 100	23 400	18.0
20.0	31.9	13.1	21 800	21 200	20 700	20 200	20.0
24.4m (80 Ft.) Boom							
5.2	83.0	26.6	162 700 *b				5.2
5.5	82.2	26.5	153 800 *b				5.5
6.0	81.0	26.4	141 400 *b	130 500 *b			6.0
7.0	78.6	26.2	117 000 b	102 400 b	91 400 b	82 900 b	7.0
8.0	76.2	26.0	91 000	82 200	74 900	68 600	8.0
9.0	73.8	25.7	74 600	68 500	63 200	58 500	9.0
10.0	71.3	25.3	63 000	58 400	54 400	50 800	10.0
11.0	68.8	24.9	54 300	50 700	47 600	44 800	11.0
12.0	66.2	24.5	47 500	44 700	42 100	39 800	12.0
13.0	63.5	24.0	42 100	39 700	37 700	35 800	13.0
14.0	60.9	23.4	37 600	35 700	34 000	32 400	14.0
15.0	58.1	22.8	33 900	32 300	30 900	29 500	15.0
16.0	55.2	22.1	30 800	29 400	28 200	27 000	16.0
18.0	49.1	20.4	25 700	24 700	23 800	22 900	18.0
20.0	42.4	18.4	21 900	21 100	20 400	19 800	20.0
22.0	34.5	15.7	18 800	18 200	17 700	17 200	22.0
24.0	24.5	11.9	16 300	15 800	15 500	15 100	24.0

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27.4m (90 Ft.) Boom							
5.8	82.5	29.6	146 100 *b				5.8
6.0	82.0	29.5	141 300 *b				6.0
7.0	79.9	29.3	117 400 b	101 300 b	89 900 b		7.0
8.0	77.8	29.1	91 200	81 500	73 600	66 900	8.0
9.0	75.6	28.9	74 800	68 000	62 100	57 100	9.0
10.0	73.4	28.5	63 100	58 000	53 600	49 700	10.0
11.0	71.2	28.2	54 400	50 400	47 000	43 800	11.0
12.0	69.0	27.8	47 500	44 400	41 600	39 100	12.0
13.0	66.7	27.4	42 100	39 500	37 200	35 200	13.0
14.0	64.4	26.9	37 600	35 500	33 600	31 900	14.0
15.0	62.0	26.4	33 900	32 100	30 500	29 000	15.0
16.0	59.6	25.8	30 800	29 200	27 800	26 600	16.0
18.0	54.5	24.4	25 700	24 600	23 600	22 600	18.0
20.0	49.1	22.7	21 900	21 000	20 200	19 500	20.0
22.0	43.2	20.7	18 800	18 100	17 500	16 900	22.0
24.0	36.4	18.2	16 400	15 800	15 300	14 900	24.0
26.0	28.3	14.9	14 200	13 800	13 400	13 100	26.0
30.5m (100 Ft.) Boom							
6.1	82.7	32.6	138 900 *b				6.1
7.0	80.9	32.5	117 700 b	100 600 b			7.0
8.0	79.0	32.2	91 400	80 800	72 300	65 200	8.0
9.0	77.1	32.0	74 900	67 400	61 100	55 800	9.0
10.0	75.1	31.7	63 200	57 600	52 800	48 700	10.0
11.0	73.2	31.4	54 400	50 100	46 300	43 000	11.0
12.0	71.2	31.1	47 600	44 100	41 100	38 400	12.0
13.0	69.2	30.7	42 100	39 300	36 800	34 600	13.0
14.0	67.1	30.3	37 700	35 300	33 300	31 400	14.0
15.0	65.1	29.8	34 000	32 000	30 200	28 600	15.0
16.0	62.9	29.3	30 800	29 100	27 600	26 200	16.0
18.0	58.6	28.1	25 800	24 500	23 300	22 300	18.0
20.0	54.0	26.7	21 900	20 900	20 000	19 200	20.0
22.0	49.1	25.0	18 900	18 100	17 400	16 700	22.0
24.0	43.8	23.0	16 400	15 700	15 200	14 700	24.0
26.0	37.9	20.6	14 300	13 800	13 300	12 900	26.0
28.0	31.0	17.6	12 600	12 200	11 800	11 500	28.0
30.0	22.2	13.4	11 100	10 700	10 500	10 200	30.0

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33.5m (110 Ft.) Boom							
6.7	82.3	35.6	126 300 *				6.7
7.0	81.8	35.5	117 100				7.0
8.0	80.0	35.4	91 500	80 000	71 000		8.0
9.0	78.3	35.2	75 000	66 800	60 200	54 600	9.0
10.0	76.5	34.9	63 200	57 100	52 000	47 600	10.0
11.0	74.8	34.6	54 400	49 700	45 700	42 100	11.0
12.0	73.0	34.3	47 600	43 800	40 500	37 600	12.0
13.0	71.2	34.0	42 100	39 000	36 300	33 900	13.0
14.0	69.3	33.6	37 600	35 000	32 800	30 800	14.0
15.0	67.5	33.2	33 900	31 700	29 800	28 000	15.0
16.0	65.6	32.7	30 700	28 900	27 200	25 700	16.0
18.0	61.7	31.7	25 700	24 300	23 000	21 900	18.0
20.0	57.7	30.4	21 800	20 700	19 800	18 800	20.0
22.0	53.5	29.0	18 800	17 900	17 100	16 400	22.0
24.0	49.1	27.3	16 300	15 600	15 000	14 400	24.0
26.0	44.3	25.4	14 300	13 700	13 100	12 700	26.0
28.0	39.0	23.0	12 500	12 000	11 600	11 200	28.0
30.0	33.1	20.2	11 000	10 600	10 300	9 900	30.0
32.0	25.8	16.5	9 700	9 300	9 100	8 800	32.0
36.6m (120 Ft.) Boom							
6.7	82.9	38.7	126 000 *				6.7
7.0	82.5	38.6	117 000				7.0
8.0	80.9	38.5	91 500	79 200	69 700		8.0
9.0	79.3	38.3	75 000	66 300	59 100	53 300	9.0
10.0	77.7	38.0	63 200	56 600	51 200	46 600	10.0
11.0	76.1	37.8	54 400	49 300	45 000	41 300	11.0
12.0	74.4	37.5	47 600	43 500	40 000	36 900	12.0
13.0	72.8	37.2	42 100	38 700	35 800	33 200	13.0
14.0	71.1	36.8	37 600	34 800	32 400	30 200	14.0
15.0	69.5	36.5	33 900	31 500	29 400	27 600	15.0
16.0	67.8	36.0	30 700	28 700	26 900	25 300	16.0
18.0	64.3	35.1	25 700	24 100	22 800	21 500	18.0
20.0	60.7	34.0	21 800	20 600	19 500	18 500	20.0
22.0	57.0	32.8	18 700	17 800	16 900	16 100	22.0
24.0	53.2	31.3	16 300	15 500	14 700	14 100	24.0
26.0	49.1	29.6	14 200	13 500	13 000	12 400	26.0
28.0	44.7	27.7	12 500	11 900	11 400	11 000	28.0
30.0	40.0	25.4	11 000	10 500	10 100	9 800	30.0
32.0	34.7	22.7	9 700	9 300	9 000	8 700	32.0
34.0	28.5	19.3	8 600	8 200	8 000	7 700	34.0
36.0	20.6	14.7	7 600	7 200	7 100	6 900	36.0

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39.6m (130 Ft.) Boom							
7.3	82.6	41.7	107 500				7.3
8.0	81.6	41.5	91 600	78 600			8.0
9.0	80.1	41.4	75 100	65 700	58 300		9.0
10.0	78.6	41.2	63 300	56 300	50 500	45 700	10.0
11.0	77.2	40.9	54 500	49 000	44 400	40 500	11.0
12.0	75.7	40.7	47 600	43 200	39 500	36 200	12.0
13.0	74.2	40.4	42 100	38 500	35 400	32 700	13.0
14.0	72.6	40.1	37 600	34 600	32 000	29 700	14.0
15.0	71.1	39.7	33 900	31 300	29 100	27 100	15.0
16.0	69.6	39.3	30 700	28 500	26 600	24 900	16.0
18.0	66.4	38.5	25 700	24 000	22 500	21 200	18.0
20.0	63.2	37.5	21 800	20 500	19 300	18 300	20.0
22.0	59.9	36.4	18 700	17 700	16 700	15 900	22.0
24.0	56.4	35.1	16 300	15 400	14 600	13 900	24.0
26.0	52.8	33.6	14 200	13 500	12 800	12 300	26.0
28.0	49.1	31.9	12 500	11 800	11 300	10 800	28.0
30.0	45.1	30.0	11 000	10 500	10 000	9 600	30.0
32.0	40.7	27.8	9 700	9 300	8 900	8 500	32.0
34.0	36.0	25.2	8 600	8 200	7 900	7 600	34.0
36.0	30.5	22.0	7 600	7 300	7 000	6 800	36.0
38.0	24.0	18.0	6 700	6 400	6 200	6 000	38.0
42.7m (140 Ft.) Boom							
7.9	82.3	44.7	93 200				7.9
8.0	82.2	44.6	91 800				8.0
9.0	80.8	44.5	75 100	65 200			9.0
10.0	79.5	44.3	63 300	55 800	49 700	44 700	10.0
11.0	78.1	44.1	54 400	48 600	43 800	39 700	11.0
12.0	76.7	43.8	47 500	42 900	38 900	35 500	12.0
13.0	75.3	43.6	42 000	38 200	35 000	32 100	13.0
14.0	73.9	43.3	37 500	34 400	31 600	29 200	14.0
15.0	72.5	43.0	33 800	31 100	28 700	26 600	15.0
16.0	71.1	42.6	30 600	28 300	26 300	24 400	16.0
18.0	68.2	41.8	25 600	23 800	22 200	20 800	18.0
20.0	65.3	40.9	21 700	20 300	19 000	17 900	20.0
22.0	62.2	39.9	18 600	17 500	16 500	15 600	22.0
24.0	59.1	38.7	16 200	15 200	14 400	13 600	24.0
26.0	55.9	37.4	14 100	13 300	12 600	12 000	26.0
28.0	52.6	35.9	12 400	11 700	11 200	10 600	28.0
30.0	49.1	34.2	10 900	10 300	9 800	9 400	30.0
32.0	45.4	32.3	9 700	9 100	8 700	8 300	32.0
34.0	41.4	30.1	8 500	8 100	7 700	7 400	34.0
36.0	37.0	27.6	7 500	7 100	6 900	6 600	36.0
38.0	32.2	24.6	6 700	6 300	6 100	5 800	38.0
40.0	26.6	20.9	5 800	5 600	5 400	5 100	40.0
42.0	19.4	16.0	5 100	4 900	4 700	4 500	42.0

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45.7m (150 Ft.) Boom							
7.9	82.8	47.7	93 300				7.9
8.0	82.7	47.7	91 900				8.0
9.0	81.4	47.6	75 100	64 600			9.0
10.0	80.2	47.4	63 200	55 300	49 000		10.0
11.0	78.9	47.2	54 300	48 200	43 100	38 800	11.0
12.0	77.6	47.0	47 500	42 500	38 400	34 800	12.0
13.0	76.3	46.7	41 900	37 900	34 400	31 400	13.0
14.0	75.0	46.4	37 500	34 000	31 100	28 600	14.0
15.0	73.7	46.2	33 700	30 800	28 300	26 100	15.0
16.0	72.4	45.8	30 500	28 000	25 900	24 000	16.0
18.0	69.7	45.1	25 400	23 500	21 900	20 400	18.0
20.0	67.0	44.3	21 600	20 100	18 700	17 500	20.0
22.0	64.3	43.3	18 500	17 300	16 200	15 200	22.0
24.0	61.4	42.3	16 000	15 000	14 100	13 300	24.0
26.0	58.5	41.1	14 000	13 100	12 400	11 700	26.0
28.0	55.5	39.7	12 200	11 500	10 900	10 300	28.0
30.0	52.3	38.2	10 700	10 100	9 600	9 100	30.0
32.0	49.1	36.5	9 500	8 900	8 500	8 000	32.0
34.0	45.6	34.6	8 400	7 900	7 500	7 100	34.0
36.0	41.9	32.5	7 400	6 900	6 600	6 300	36.0
38.0	37.9	30.0	6 500	6 100	5 800	5 600	38.0
40.0	33.6	27.2	5 700	5 400	5 100	4 900	40.0
42.0	28.6	23.7	5 000	4 700	4 500	4 300	42.0
44.0	22.6	19.4	4 300	4 100	3 900	3 700	44.0

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48.8m (160 Ft.) Boom							
8.5	82.5	50.7	82 100				8.5
9.0	82.0	50.7	75 200				9.0
10.0	80.8	50.5	63 100	54 800			10.0
11.0	79.6	50.3	54 300	47 700	42 400	38 100	11.0
12.0	78.4	50.1	47 400	42 100	37 800	34 100	12.0
13.0	77.2	49.9	41 900	37 500	33 900	30 800	13.0
14.0	76.0	49.6	37 400	33 700	30 700	28 000	14.0
15.0	74.8	49.3	33 600	30 500	27 900	25 600	15.0
16.0	73.5	49.0	30 400	27 700	25 500	23 400	16.0
18.0	71.1	48.4	25 300	23 300	21 500	20 000	18.0
20.0	68.5	47.6	21 400	19 800	18 400	17 200	20.0
22.0	66.0	46.7	18 400	17 000	15 900	14 900	22.0
24.0	63.4	45.7	15 900	14 800	13 900	13 000	24.0
26.0	60.7	44.6	13 800	12 900	12 100	11 400	26.0
28.0	57.9	43.4	12 100	11 300	10 600	10 000	28.0
30.0	55.1	42.0	10 600	9 900	9 400	8 800	30.0
32.0	52.1	40.5	9 300	8 800	8 300	7 800	32.0
34.0	49.1	38.8	8 200	7 700	7 300	6 900	34.0
36.0	45.8	37.0	7 200	6 800	6 400	6 100	36.0
38.0	42.4	34.8	6 400	5 900	5 600	5 300	38.0
40.0	38.7	32.4	5 600	5 200	5 000	4 700	40.0
42.0	34.7	29.7	4 900	4 500	4 300	4 100	42.0
44.0	30.2	26.4	4 200	3 900	3 700	3 500	44.0
46.0	25.0	22.5	3 600	3 400	3 200	3 000	46.0
48.0	18.5	17.2	3 100	2 800	2 700	2 600	48.0

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51.8m (170 Ft.) Boom							
8.5	83.0	53.8	82 100				8.5
9.0	82.5	53.7	75 200				9.0
10.0	81.3	53.6	63 100	54 400			10.0
11.0	80.2	53.4	54 300	47 400	41 800		11.0
12.0	79.1	53.2	47 300	41 800	37 200	33 500	12.0
13.0	78.0	53.0	41 800	37 300	33 500	30 200	13.0
14.0	76.8	52.7	37 300	33 500	30 300	27 500	14.0
15.0	75.7	52.5	33 500	30 300	27 600	25 200	15.0
16.0	74.5	52.2	30 300	27 500	25 200	23 100	16.0
18.0	72.2	51.6	25 200	23 100	21 300	19 600	18.0
20.0	69.9	50.9	21 300	19 700	18 200	16 900	20.0
22.0	67.5	50.1	18 300	16 900	15 700	14 600	22.0
24.0	65.1	49.2	15 800	14 600	13 700	12 700	24.0
26.0	62.6	48.1	13 700	12 800	11 900	11 200	26.0
28.0	60.0	47.0	12 000	11 200	10 500	9 800	28.0
30.0	57.4	45.7	10 500	9 800	9 200	8 600	30.0
32.0	54.7	44.4	9 300	8 600	8 100	7 600	32.0
34.0	52.0	42.8	8 100	7 600	7 100	6 700	34.0
36.0	49.1	41.1	7 200	6 700	6 300	5 900	36.0
38.0	46.0	39.3	6 300	5 800	5 500	5 200	38.0
40.0	42.8	37.2	5 500	5 100	4 800	4 500	40.0
42.0	39.4	34.8	4 800	4 400	4 200	3 900	42.0
44.0	35.7	32.1	4 200	3 900	3 600	3 400	44.0
46.0	31.6	29.0	3 600	3 300	3 100	2 900	46.0
48.0	27.0	25.4	3 100	2 800	2 600	2 500	48.0
50.0	21.5	20.8	2 600	2 300	2 200	2 000	50.0

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL

49 490 kg Counterweight

8 585 mm Crawlers Extended

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
54.9m (180 Ft.) Boom							
9.1	82.7	56.8	73 000				9.1
10.0	81.8	56.7	63 100				10.0
11.0	80.8	56.5	54 200	46 900	41 300		11.0
12.0	79.7	56.3	47 200	41 400	36 700		12.0
13.0	78.6	56.1	41 700	36 900	33 000	29 600	13.0
14.0	77.6	55.9	37 200	33 100	29 800	26 900	14.0
15.0	76.5	55.6	33 400	30 000	27 100	24 600	15.0
16.0	75.4	55.4	30 200	27 300	24 800	22 600	16.0
18.0	73.2	54.8	25 100	22 800	20 900	19 200	18.0
20.0	71.0	54.1	21 200	19 400	17 900	16 500	20.0
22.0	68.8	53.4	18 100	16 700	15 400	14 300	22.0
24.0	66.5	52.5	15 700	14 400	13 400	12 500	24.0
26.0	64.2	51.6	13 600	12 600	11 700	10 900	26.0
28.0	61.9	50.5	11 900	11 000	10 200	9 500	28.0
30.0	59.5	49.3	10 400	9 600	9 000	8 400	30.0
32.0	57.0	48.1	9 100	8 400	7 900	7 300	32.0
34.0	54.4	46.7	8 000	7 400	6 900	6 500	34.0
36.0	51.8	45.1	7 000	6 500	6 100	5 700	36.0
38.0	49.0	43.4	6 200	5 700	5 300	4 900	38.0
40.0	46.2	41.6	5 300	4 900	4 600	4 300	40.0
42.0	43.2	39.5	4 700	4 300	4 000	3 700	42.0
44.0	40.0	37.2	4 000	3 700	3 400	3 200	44.0
46.0	36.6	34.6	3 500	3 100	2 900	2 700	46.0
48.0	32.8	31.6	2 900	2 600	2 400	2 200	48.0
50.0	28.6	28.2	2 400	2 200	2 000	1 800	50.0

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL

49 490 kg Counterweight

8 585 mm Crawlers Extended

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
57.9m (190 Ft.) Boom							
9.8	82.5	59.8	65 700				9.8
10.0	82.3	59.7	63 200				10.0
11.0	81.3	59.6	54 100	46 500			11.0
12.0	80.3	59.4	47 100	41 000	36 200		12.0
13.0	79.2	59.2	41 600	36 600	32 500	29 100	13.0
14.0	78.2	59.0	37 000	32 900	29 400	26 400	14.0
15.0	77.2	58.8	33 300	29 700	26 700	24 100	15.0
16.0	76.2	58.5	30 100	27 000	24 400	22 100	16.0
18.0	74.2	58.0	25 000	22 600	20 600	18 800	18.0
20.0	72.1	57.3	21 000	19 200	17 600	16 100	20.0
22.0	70.0	56.6	18 000	16 400	15 100	13 900	22.0
24.0	67.8	55.8	15 500	14 200	13 100	12 100	24.0
26.0	65.7	54.9	13 400	12 300	11 400	10 500	26.0
28.0	63.5	54.0	11 600	10 700	9 900	9 300	28.0
30.0	61.2	52.9	10 200	9 400	8 700	8 100	30.0
32.0	58.9	51.7	8 900	8 200	7 600	7 100	32.0
34.0	56.6	50.4	7 800	7 200	6 700	6 200	34.0
36.0	54.1	49.0	6 800	6 200	5 800	5 400	36.0
38.0	51.6	47.4	5 900	5 400	5 000	4 700	38.0
40.0	49.0	45.7	5 200	4 700	4 400	4 000	40.0
42.0	46.3	43.9	4 500	4 000	3 700	3 400	42.0
44.0	43.5	41.8	3 800	3 500	3 200	2 900	44.0
46.0	40.5	39.5	3 200	2 900	2 600	2 400	46.0
48.0	37.3	37.0	2 700	2 400	2 200	2 000	48.0
50.0	33.9	34.2	2 200	1 900			50.0

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL

49 490 kg Counterweight

8 585 mm Crawlers Extended

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	65 500				9.8
10.0	82.7	62.8	63 100				10.0
11.0	81.7	62.7	54 000	46 200			11.0
12.0	80.7	62.5	47 000	40 600			12.0
13.0	79.8	62.3	41 400	36 200	31 900	28 400	13.0
14.0	78.8	62.1	36 900	32 500	28 900	25 900	14.0
15.0	77.9	61.9	33 100	29 400	26 300	23 600	15.0
16.0	76.9	61.7	29 900	26 700	24 000	21 700	16.0
18.0	75.0	61.2	24 800	22 300	20 200	18 400	18.0
20.0	73.0	60.5	20 900	18 900	17 200	15 700	20.0
22.0	71.0	59.9	17 800	16 200	14 800	13 600	22.0
24.0	69.0	59.1	15 300	13 900	12 800	11 800	24.0
26.0	67.0	58.3	13 200	12 100	11 100	10 300	26.0
28.0	64.9	57.4	11 500	10 500	9 700	8 900	28.0
30.0	62.8	56.4	10 000	9 200	8 500	7 800	30.0
32.0	60.7	55.2	8 800	8 000	7 400	6 800	32.0
34.0	58.5	54.0	7 600	7 000	6 400	5 900	34.0
36.0	56.2	52.7	6 600	6 100	5 600	5 100	36.0
38.0	53.9	51.3	5 800	5 200	4 800	4 400	38.0
40.0	51.5	49.7	5 000	4 500	4 100	3 800	40.0
42.0	49.0	48.0	4 300	3 800	3 500	3 200	42.0
44.0	46.5	46.2	3 600	3 300	2 900	2 700	44.0
46.0	43.8	44.2	3 100	2 700	2 500	2 200	46.0
48.0	41.0	41.9	2 600	2 200	2 000		48.0
50.0	38.0	39.4	2 100				50.0

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL

49 490 kg Counterweight

8 585 mm Crawlers Extended

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	65.8	59 300				10.4
11.0	82.1	65.8	53 900				11.0
12.0	81.2	65.6	46 900	40 300			12.0
13.0	80.3	65.4	41 300	35 900	31 500		13.0
14.0	79.4	65.2	36 800	32 200	28 500	25 400	14.0
15.0	78.5	65.0	33 000	29 100	25 900	23 200	15.0
16.0	77.5	64.8	29 800	26 400	23 700	21 200	16.0
18.0	75.7	64.3	24 700	22 100	19 900	18 000	18.0
20.0	73.8	63.7	20 800	18 700	17 000	15 400	20.0
22.0	72.0	63.1	17 700	16 000	14 600	13 300	22.0
24.0	70.1	62.4	15 200	13 800	12 600	11 500	24.0
26.0	68.1	61.6	13 100	11 900	10 900	10 000	26.0
28.0	66.2	60.7	11 400	10 400	9 500	8 700	28.0
30.0	64.2	59.8	9 900	9 000	8 300	7 600	30.0
32.0	62.2	58.7	8 600	7 800	7 200	6 600	32.0
34.0	60.1	57.6	7 500	6 800	6 200	5 700	34.0
36.0	58.0	56.4	6 500	5 900	5 400	4 900	36.0
38.0	55.9	55.1	5 700	5 100	4 700	4 200	38.0
40.0	53.7	53.6	4 800	4 400	4 000	3 600	40.0
42.0	51.4	52.0	4 200	3 700	3 400	3 000	42.0
44.0	49.0	50.3	3 500	3 100	2 800	2 500	44.0
46.0	46.6	48.5	3 000	2 600	2 300		46.0
48.0	44.1	46.5	2 400	2 100			48.0
50.0	41.4	44.3	2 000				50.0