

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL
65 360 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.

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 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 65 360 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	(a) 76.2m	(a) 73.2m	67.1m
1 Degree	73.2m	70.1m	64.0m
2 Degree	73.2m	70.1m	64.0m
3 Degree	70.1m	70.1m	64.0m
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							
4.9	82.8	23.5	184 300 *b				4.9
5.0	82.5	23.5	180 200 *b				5.0
5.5	81.1	23.4	164 600 *b	152 100 *b			5.5
6.0	79.7	23.3	151 400 *b	140 700 *b	131 400 *b		6.0
7.0	77.0	23.1	130 300 *b	121 500 b	112 900 b	102 800 b	7.0
8.0	74.2	22.8	109 200	99 800	91 900	85 000	8.0
9.0	71.3	22.5	89 700	83 200	77 500	72 400	9.0
10.0	68.4	22.1	75 900	71 100	66 800	62 900	10.0
11.0	65.5	21.6	65 600	61 900	58 500	55 500	11.0
12.0	62.5	21.1	57 500	54 600	51 900	49 500	12.0
13.0	59.3	20.5	51 100	48 700	46 600	44 500	13.0
14.0	56.1	19.8	45 900	43 900	42 100	40 400	14.0
15.0	52.7	19.0	41 500	39 800	38 300	37 000	15.0
16.0	49.1	18.1	37 800	36 400	35 100	33 900	16.0
18.0	41.3	16.0	31 800	30 800	29 900	29 000	18.0
20.0	31.9	13.2	27 200	26 500	25 800	25 200	20.0
24.4m (80 Ft.) Boom							
5.2	83.0	26.6	173 800 *b				5.2
5.5	82.2	26.5	164 200 *b				5.5
6.0	81.0	26.4	151 100 *b	139 300 *b			6.0
7.0	78.6	26.2	130 000 *b	120 200 b	110 900 b	99 600 b	7.0
8.0	76.2	26.0	109 500	98 900	90 200	82 700	8.0
9.0	73.8	25.7	89 900	82 500	76 200	70 700	9.0
10.0	71.3	25.3	76 000	70 600	65 800	61 500	10.0
11.0	68.8	24.9	65 700	61 500	57 700	54 300	11.0
12.0	66.2	24.5	57 600	54 200	51 300	48 500	12.0
13.0	63.5	24.0	51 200	48 400	46 000	43 700	13.0
14.0	60.9	23.4	45 900	43 600	41 600	39 700	14.0
15.0	58.1	22.8	41 500	39 600	37 900	36 300	15.0
16.0	55.2	22.1	37 700	36 200	34 700	33 300	16.0
18.0	49.1	20.4	31 800	30 600	29 500	28 500	18.0
20.0	42.4	18.4	27 200	26 300	25 500	24 800	20.0
22.0	34.5	15.7	23 600	22 900	22 300	21 700	22.0
24.0	24.5	11.9	20 600	20 100	19 600	19 200	24.0

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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
27.4m (90 Ft.) Boom							
5.8	82.5	29.6	156 100 *b				5.8
6.0	82.0	29.5	150 900 *b				6.0
7.0	79.9	29.3	129 800 *b	119 100 b	108 000 b		7.0
8.0	77.8	29.1	109 700	98 000	88 500	80 600	8.0
9.0	75.6	28.9	90 000	81 900	75 000	69 000	9.0
10.0	73.4	28.6	76 100	70 100	64 900	60 200	10.0
11.0	71.2	28.2	65 700	61 100	57 000	53 300	11.0
12.0	69.0	27.8	57 700	53 900	50 600	47 600	12.0
13.0	66.7	27.4	51 200	48 200	45 400	43 000	13.0
14.0	64.4	26.9	45 900	43 400	41 100	39 000	14.0
15.0	62.0	26.4	41 500	39 400	37 500	35 700	15.0
16.0	59.6	25.8	37 800	35 900	34 300	32 800	16.0
18.0	54.5	24.4	31 800	30 400	29 200	28 100	18.0
20.0	49.1	22.7	27 200	26 200	25 200	24 400	20.0
22.0	43.2	20.7	23 600	22 800	22 000	21 400	22.0
24.0	36.4	18.2	20 700	20 000	19 400	18 900	24.0
26.0	28.3	14.9	18 200	17 700	17 300	16 800	26.0
30.5m (100 Ft.) Boom							
6.1	82.7	32.6	148 400 *b				6.1
7.0	80.9	32.5	129 600 *b	117 900 b			7.0
8.0	79.0	32.3	109 900	97 100	87 000	78 600	8.0
9.0	77.1	32.0	90 100	81 200	73 800	67 500	9.0
10.0	75.1	31.7	76 200	69 600	63 900	59 000	10.0
11.0	73.2	31.4	65 800	60 700	56 200	52 300	11.0
12.0	71.2	31.1	57 700	53 600	50 000	46 800	12.0
13.0	69.2	30.7	51 300	47 900	44 900	42 200	13.0
14.0	67.1	30.3	46 000	43 200	40 700	38 400	14.0
15.0	65.1	29.8	41 600	39 200	37 100	35 100	15.0
16.0	62.9	29.3	37 800	35 800	34 000	32 300	16.0
18.0	58.6	28.1	31 800	30 300	29 000	27 700	18.0
20.0	54.0	26.7	27 300	26 100	25 100	24 000	20.0
22.0	49.1	25.0	23 700	22 700	21 900	21 100	22.0
24.0	43.8	23.1	20 700	20 000	19 300	18 700	24.0
26.0	37.9	20.6	18 300	17 700	17 100	16 600	26.0
28.0	31.0	17.6	16 200	15 700	15 300	14 900	28.0
30.0	22.2	13.4	14 400	14 000	13 700	13 400	30.0

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33.5m (110 Ft.) Boom							
6.7	82.3	35.6	135 000 *				6.7
7.0	81.8	35.5	129 600 *				7.0
8.0	80.0	35.4	110 100	96 200	85 500		8.0
9.0	78.3	35.2	90 200	80 500	72 600	66 000	9.0
10.0	76.5	34.9	76 300	69 100	63 000	57 700	10.0
11.0	74.8	34.6	65 800	60 200	55 400	51 200	11.0
12.0	73.0	34.3	57 700	53 200	49 300	45 900	12.0
13.0	71.2	34.0	51 200	47 600	44 300	41 500	13.0
14.0	69.3	33.6	45 900	42 900	40 200	37 700	14.0
15.0	67.5	33.2	41 500	38 900	36 600	34 500	15.0
16.0	65.6	32.7	37 700	35 500	33 600	31 800	16.0
18.0	61.7	31.7	31 800	30 100	28 600	27 200	18.0
20.0	57.7	30.4	27 200	25 900	24 700	23 600	20.0
22.0	53.5	29.0	23 600	22 500	21 600	20 700	22.0
24.0	49.1	27.3	20 600	19 800	19 000	18 300	24.0
26.0	44.3	25.4	18 200	17 500	16 900	16 300	26.0
28.0	39.0	23.0	16 100	15 600	15 100	14 600	28.0
30.0	33.1	20.2	14 400	13 900	13 500	13 100	30.0
32.0	25.8	16.5	12 800	12 400	12 100	11 800	32.0
36.6m (120 Ft.) Boom							
6.7	82.9	38.7	134 800 *				6.7
7.0	82.5	38.6	129 400 *				7.0
8.0	80.9	38.5	110 100	95 200	83 900		8.0
9.0	79.3	38.3	90 200	79 800	71 400	64 500	9.0
10.0	77.7	38.0	76 300	68 500	62 000	56 500	10.0
11.0	76.1	37.8	65 800	59 700	54 700	50 200	11.0
12.0	74.4	37.5	57 700	52 900	48 700	45 100	12.0
13.0	72.8	37.2	51 200	47 200	43 800	40 700	13.0
14.0	71.1	36.8	45 900	42 600	39 700	37 100	14.0
15.0	69.5	36.5	41 400	38 700	36 200	34 000	15.0
16.0	67.8	36.1	37 700	35 300	33 200	31 300	16.0
18.0	64.3	35.1	31 700	29 900	28 300	26 800	18.0
20.0	60.7	34.0	27 100	25 700	24 400	23 300	20.0
22.0	57.0	32.8	23 600	22 400	21 400	20 400	22.0
24.0	53.2	31.3	20 600	19 600	18 800	18 000	24.0
26.0	49.1	29.6	18 200	17 400	16 700	16 100	26.0
28.0	44.7	27.7	16 100	15 500	14 900	14 400	28.0
30.0	40.0	25.4	14 300	13 800	13 300	12 900	30.0
32.0	34.7	22.7	12 800	12 400	12 000	11 600	32.0
34.0	28.5	19.3	11 500	11 100	10 800	10 500	34.0
36.0	20.6	14.7	10 300	10 000	9 700	9 500	36.0

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39.6m (130 Ft.) Boom							
7.3	82.6	41.7	123 500 *				7.3
8.0	81.6	41.6	110 200	94 500			8.0
9.0	80.1	41.4	90 300	79 200	70 400		9.0
10.0	78.6	41.2	76 300	68 000	61 200	55 400	10.0
11.0	77.2	40.9	65 900	59 400	53 900	49 300	11.0
12.0	75.7	40.7	57 700	52 500	48 100	44 300	12.0
13.0	74.2	40.4	51 200	47 000	43 300	40 100	13.0
14.0	72.6	40.1	45 900	42 400	39 300	36 500	14.0
15.0	71.1	39.7	41 500	38 400	35 800	33 500	15.0
16.0	69.6	39.4	37 700	35 100	32 900	30 800	16.0
18.0	66.4	38.5	31 700	29 800	28 000	26 400	18.0
20.0	63.2	37.5	27 100	25 600	24 200	23 000	20.0
22.0	59.9	36.4	23 500	22 300	21 200	20 100	22.0
24.0	56.4	35.1	20 600	19 600	18 700	17 800	24.0
26.0	52.8	33.6	18 200	17 300	16 600	15 800	26.0
28.0	49.1	31.9	16 100	15 400	14 800	14 200	28.0
30.0	45.1	30.0	14 400	13 700	13 200	12 700	30.0
32.0	40.7	27.8	12 900	12 300	11 900	11 500	32.0
34.0	36.0	25.2	11 500	11 100	10 700	10 400	34.0
36.0	30.5	22.0	10 400	10 000	9 700	9 400	36.0
38.0	24.0	18.0	9 300	9 000	8 700	8 500	38.0
42.7m (140 Ft.) Boom							
7.9	82.3	44.7	111 800				7.9
8.0	82.2	44.6	110 100				8.0
9.0	80.8	44.5	90 300	78 600			9.0
10.0	79.5	44.3	76 300	67 400	60 200	54 300	10.0
11.0	78.1	44.1	65 800	58 900	53 200	48 300	11.0
12.0	76.7	43.8	57 600	52 100	47 500	43 400	12.0
13.0	75.3	43.6	51 200	46 600	42 800	39 300	13.0
14.0	73.9	43.3	45 800	42 000	38 800	35 900	14.0
15.0	72.5	43.0	41 400	38 200	35 400	32 900	15.0
16.0	71.1	42.6	37 600	34 900	32 500	30 300	16.0
18.0	68.2	41.8	31 600	29 500	27 700	26 000	18.0
20.0	65.3	40.9	27 000	25 400	23 900	22 600	20.0
22.0	62.2	39.9	23 400	22 100	20 900	19 800	22.0
24.0	59.1	38.7	20 500	19 400	18 400	17 500	24.0
26.0	55.9	37.4	18 100	17 100	16 300	15 600	26.0
28.0	52.6	35.9	16 000	15 200	14 500	13 900	28.0
30.0	49.1	34.2	14 300	13 600	13 000	12 500	30.0
32.0	45.4	32.3	12 800	12 200	11 700	11 200	32.0
34.0	41.4	30.1	11 400	10 900	10 500	10 100	34.0
36.0	37.0	27.6	10 300	9 800	9 500	9 200	36.0
38.0	32.2	24.6	9 300	8 800	8 600	8 200	38.0
40.0	26.6	20.9	8 300	8 000	7 700	7 500	40.0
42.0	19.4	16.0	7 400	7 100	7 000	6 800	42.0

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45.7m (150 Ft.) Boom							
7.9	82.8	47.7	110 700 *				7.9
8.0	82.7	47.7	109 200				8.0
9.0	81.4	47.6	90 400	77 900			9.0
10.0	80.2	47.4	76 300	66 900	59 400		10.0
11.0	78.9	47.2	65 800	58 400	52 400	47 300	11.0
12.0	77.6	47.0	57 600	51 700	46 800	42 600	12.0
13.0	76.3	46.7	51 100	46 300	42 100	38 600	13.0
14.0	75.0	46.4	45 700	41 700	38 300	35 200	14.0
15.0	73.7	46.2	41 300	37 800	34 900	32 300	15.0
16.0	72.4	45.8	37 500	34 600	32 000	29 700	16.0
18.0	69.7	45.1	31 500	29 200	27 300	25 500	18.0
20.0	67.0	44.3	26 900	25 100	23 600	22 200	20.0
22.0	64.3	43.3	23 300	21 800	20 600	19 400	22.0
24.0	61.4	42.3	20 300	19 100	18 100	17 100	24.0
26.0	58.5	41.1	17 900	16 900	16 000	15 200	26.0
28.0	55.5	39.7	15 900	15 000	14 300	13 600	28.0
30.0	52.3	38.2	14 100	13 400	12 800	12 200	30.0
32.0	49.1	36.5	12 600	12 000	11 400	10 900	32.0
34.0	45.6	34.6	11 300	10 700	10 300	9 800	34.0
36.0	41.9	32.5	10 100	9 600	9 200	8 800	36.0
38.0	37.9	30.0	9 100	8 700	8 300	8 000	38.0
40.0	33.6	27.2	8 200	7 800	7 500	7 200	40.0
42.0	28.6	23.7	7 300	7 000	6 700	6 500	42.0
44.0	22.6	19.4	6 600	6 200	6 000	5 900	44.0

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48.8m (160 Ft.) Boom							
8.5	82.5	50.7	98 600				8.5
9.0	82.0	50.7	90 500				9.0
10.0	80.8	50.5	76 200	66 300			10.0
11.0	79.6	50.3	65 700	57 900	51 600	46 400	11.0
12.0	78.4	50.1	57 500	51 300	46 100	41 700	12.0
13.0	77.2	49.9	51 000	45 900	41 600	37 900	13.0
14.0	76.0	49.6	45 600	41 400	37 700	34 600	14.0
15.0	74.8	49.3	41 200	37 500	34 400	31 700	15.0
16.0	73.5	49.0	37 400	34 200	31 600	29 200	16.0
18.0	71.1	48.4	31 400	29 000	26 900	25 000	18.0
20.0	68.5	47.6	26 800	24 900	23 200	21 800	20.0
22.0	66.0	46.7	23 100	21 600	20 300	19 000	22.0
24.0	63.4	45.7	20 200	18 900	17 800	16 800	24.0
26.0	60.7	44.6	17 800	16 700	15 800	14 900	26.0
28.0	57.9	43.4	15 700	14 800	14 000	13 300	28.0
30.0	55.1	42.1	14 000	13 200	12 500	11 900	30.0
32.0	52.1	40.5	12 500	11 800	11 200	10 700	32.0
34.0	49.1	38.8	11 100	10 600	10 000	9 600	34.0
36.0	45.8	37.0	10 000	9 400	9 000	8 600	36.0
38.0	42.4	34.8	9 000	8 500	8 100	7 700	38.0
40.0	38.7	32.4	8 000	7 600	7 300	7 000	40.0
42.0	34.7	29.7	7 200	6 800	6 500	6 300	42.0
44.0	30.2	26.4	6 500	6 100	5 900	5 600	44.0
46.0	25.0	22.5	5 800	5 400	5 300	5 000	46.0
48.0	18.5	17.3	5 100	4 900	4 700	4 500	48.0

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51.8m (170 Ft.) Boom							
8.5	83.0	53.8	96 800 *				8.5
9.0	82.5	53.7	90 000				9.0
10.0	81.3	53.6	76 200	65 800			10.0
11.0	80.2	53.4	65 600	57 500	50 900		11.0
12.0	79.1	53.2	57 500	50 900	45 500	41 000	12.0
13.0	78.0	53.0	50 900	45 500	41 000	37 200	13.0
14.0	76.8	52.8	45 500	41 000	37 300	34 000	14.0
15.0	75.7	52.5	41 100	37 300	34 000	31 200	15.0
16.0	74.5	52.2	37 300	34 000	31 200	28 700	16.0
18.0	72.2	51.6	31 300	28 800	26 600	24 600	18.0
20.0	69.9	50.9	26 700	24 700	23 000	21 400	20.0
22.0	67.5	50.1	23 000	21 400	20 000	18 800	22.0
24.0	65.1	49.2	20 100	18 800	17 600	16 500	24.0
26.0	62.6	48.1	17 700	16 500	15 600	14 700	26.0
28.0	60.0	47.0	15 600	14 700	13 800	13 000	28.0
30.0	57.4	45.8	13 900	13 100	12 300	11 700	30.0
32.0	54.7	44.4	12 400	11 700	11 000	10 500	32.0
34.0	52.0	42.8	11 100	10 400	9 900	9 400	34.0
36.0	49.1	41.1	9 900	9 300	8 900	8 400	36.0
38.0	46.0	39.3	8 900	8 400	8 000	7 600	38.0
40.0	42.8	37.2	7 900	7 500	7 100	6 800	40.0
42.0	39.4	34.8	7 100	6 700	6 400	6 100	42.0
44.0	35.7	32.1	6 400	6 000	5 700	5 500	44.0
46.0	31.6	29.1	5 700	5 400	5 100	4 900	46.0
48.0	27.0	25.4	5 100	4 800	4 500	4 400	48.0
50.0	21.5	20.8	4 500	4 200	4 100	3 900	50.0

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL

65 360 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	87 900				9.1
10.0	81.8	56.7	76 100				10.0
11.0	80.8	56.5	65 600	56 900	50 200		11.0
12.0	79.7	56.3	57 300	50 500	44 900		12.0
13.0	78.6	56.1	50 800	45 100	40 500	36 500	13.0
14.0	77.6	55.9	45 500	40 700	36 800	33 300	14.0
15.0	76.5	55.6	41 000	37 000	33 600	30 600	15.0
16.0	75.4	55.4	37 200	33 700	30 800	28 200	16.0
18.0	73.2	54.8	31 200	28 500	26 200	24 200	18.0
20.0	71.0	54.1	26 500	24 500	22 600	21 000	20.0
22.0	68.8	53.4	22 900	21 200	19 700	18 400	22.0
24.0	66.5	52.5	20 000	18 500	17 300	16 200	24.0
26.0	64.2	51.6	17 500	16 300	15 300	14 300	26.0
28.0	61.9	50.5	15 500	14 500	13 600	12 800	28.0
30.0	59.5	49.4	13 700	12 900	12 100	11 400	30.0
32.0	57.0	48.1	12 200	11 500	10 800	10 200	32.0
34.0	54.4	46.7	10 900	10 200	9 700	9 100	34.0
36.0	51.8	45.1	9 800	9 100	8 700	8 200	36.0
38.0	49.0	43.4	8 800	8 200	7 700	7 300	38.0
40.0	46.2	41.6	7 800	7 300	6 900	6 600	40.0
42.0	43.2	39.5	7 000	6 500	6 200	5 900	42.0
44.0	40.0	37.2	6 200	5 800	5 500	5 200	44.0
46.0	36.6	34.6	5 600	5 200	4 900	4 700	46.0
48.0	32.8	31.6	4 900	4 600	4 400	4 100	48.0
50.0	28.6	28.2	4 300	4 100	3 800	3 600	50.0
52.0	23.8	24.0	3 800	3 500	3 400	3 200	52.0

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL
65 360 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	79 100				9.8
10.0	82.3	59.8	76 200				10.0
11.0	81.3	59.6	65 500	56 500			11.0
12.0	80.3	59.4	57 200	50 000	44 300		12.0
13.0	79.2	59.2	50 700	44 700	39 900	35 900	13.0
14.0	78.2	59.0	45 300	40 400	36 200	32 700	14.0
15.0	77.2	58.8	40 900	36 600	33 100	30 000	15.0
16.0	76.2	58.5	37 100	33 400	30 300	27 700	16.0
18.0	74.2	58.0	31 000	28 200	25 900	23 700	18.0
20.0	72.1	57.3	26 400	24 200	22 300	20 600	20.0
22.0	70.0	56.6	22 700	20 900	19 400	18 000	22.0
24.0	67.8	55.8	19 800	18 300	17 000	15 800	24.0
26.0	65.7	54.9	17 400	16 100	15 000	14 000	26.0
28.0	63.5	54.0	15 300	14 200	13 300	12 400	28.0
30.0	61.2	52.9	13 500	12 600	11 800	11 100	30.0
32.0	58.9	51.7	12 000	11 200	10 500	9 900	32.0
34.0	56.6	50.4	10 700	10 000	9 400	8 800	34.0
36.0	54.1	49.0	9 600	8 900	8 400	7 900	36.0
38.0	51.6	47.4	8 500	7 900	7 500	7 000	38.0
40.0	49.0	45.7	7 600	7 100	6 700	6 300	40.0
42.0	46.3	43.9	6 800	6 300	6 000	5 600	42.0
44.0	43.5	41.8	6 100	5 600	5 300	5 000	44.0
46.0	40.5	39.6	5 300	4 900	4 700	4 400	46.0
48.0	37.3	37.0	4 700	4 400	4 100	3 900	48.0
50.0	33.9	34.2	4 200	3 800	3 600	3 400	50.0
52.0	30.0	30.9	3 600	3 300	3 100	2 900	52.0
54.0	25.7	27.0	3 100	2 900	2 700	2 500	54.0
56.0	20.5	22.1	2 700	2 400	2 300	2 100	56.0

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL

65 360 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	77 500 *				9.8
10.0	82.7	62.8	75 200				10.0
11.0	81.7	62.7	65 400	56 000			11.0
12.0	80.7	62.5	57 100	49 600			12.0
13.0	79.8	62.3	50 500	44 300	39 400	33 000 *	13.0
14.0	78.8	62.1	45 200	40 000	35 700	32 100	14.0
15.0	77.9	61.9	40 700	36 300	32 600	29 500	15.0
16.0	76.9	61.7	36 900	33 100	29 900	27 200	16.0
18.0	75.0	61.2	30 800	27 900	25 400	23 300	18.0
20.0	73.0	60.6	26 200	23 900	21 900	20 200	20.0
22.0	71.0	59.9	22 600	20 700	19 100	17 600	22.0
24.0	69.0	59.1	19 600	18 000	16 700	15 500	24.0
26.0	67.0	58.3	17 200	15 900	14 700	13 700	26.0
28.0	64.9	57.4	15 100	14 000	13 000	12 100	28.0
30.0	62.8	56.4	13 300	12 400	11 600	10 800	30.0
32.0	60.7	55.3	11 900	11 000	10 200	9 600	32.0
34.0	58.5	54.1	10 500	9 800	9 100	8 600	34.0
36.0	56.2	52.7	9 400	8 700	8 200	7 600	36.0
38.0	53.9	51.3	8 300	7 800	7 300	6 800	38.0
40.0	51.5	49.7	7 400	6 900	6 400	6 000	40.0
42.0	49.0	48.0	6 600	6 100	5 700	5 300	42.0
44.0	46.5	46.2	5 900	5 400	5 000	4 700	44.0
46.0	43.8	44.2	5 200	4 800	4 500	4 100	46.0
48.0	41.0	41.9	4 600	4 200	3 900	3 600	48.0
50.0	38.0	39.4	4 000	3 700	3 400	3 100	50.0
52.0	34.8	36.6	3 500	3 100	2 900	2 700	52.0
54.0	31.2	33.5	3 000	2 700	2 500	2 300	54.0
56.0	27.3	29.8	2 500	2 200	2 100	1 900	56.0
58.0	22.8	25.4	2 100				58.0

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL
65 360 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	65.9	71 700				10.4
11.0	82.1	65.8	65 300				11.0
12.0	81.2	65.6	57 100	49 000			12.0
13.0	80.3	65.4	50 500	44 000	37 500		13.0
14.0	79.4	65.2	45 100	39 700	35 300	29 100 *	14.0
15.0	78.5	65.0	40 600	36 000	32 200	28 700	15.0
16.0	77.5	64.8	36 800	32 800	29 500	27 000	16.0
18.0	75.7	64.3	30 700	27 700	25 100	22 900	18.0
20.0	73.8	63.7	26 100	23 700	21 600	19 800	20.0
22.0	72.0	63.1	22 500	20 500	18 800	17 300	22.0
24.0	70.1	62.4	19 500	17 900	16 400	15 200	24.0
26.0	68.1	61.6	17 000	15 700	14 500	13 400	26.0
28.0	66.2	60.7	15 000	13 800	12 800	11 900	28.0
30.0	64.2	59.8	13 300	12 200	11 300	10 500	30.0
32.0	62.2	58.8	11 700	10 800	10 100	9 300	32.0
34.0	60.1	57.6	10 400	9 600	9 000	8 300	34.0
36.0	58.0	56.4	9 300	8 500	8 000	7 400	36.0
38.0	55.9	55.1	8 200	7 600	7 100	6 600	38.0
40.0	53.7	53.6	7 300	6 700	6 200	5 800	40.0
42.0	51.4	52.0	6 500	6 000	5 500	5 200	42.0
44.0	49.0	50.3	5 700	5 300	4 900	4 500	44.0
46.0	46.6	48.5	5 100	4 600	4 300	4 000	46.0
48.0	44.1	46.5	4 400	4 100	3 700	3 400	48.0
50.0	41.4	44.3	3 900	3 500	3 200	3 000	50.0
52.0	38.6	41.8	3 400	3 000	2 800	2 500	52.0
54.0	35.6	39.1	2 900	2 600	2 400	2 100	54.0
56.0	32.3	36.1	2 400	2 100	1 900		56.0

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL

65 360 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
67.1m (220 Ft.) Boom							
10.4	83.0	68.9	66 900 *				10.4
11.0	82.5	68.8	65 200				11.0
12.0	81.6	68.7	56 900	45 500 *			12.0
13.0	80.7	68.5	50 300	43 800	33 400 *		13.0
14.0	79.9	68.3	45 000	39 300	33 400 *		14.0
15.0	79.0	68.2	40 500	35 600	31 900	25 700 *	15.0
16.0	78.1	67.9	36 700	32 500	29 100	25 300	16.0
18.0	76.4	67.5	30 600	27 400	24 700	22 600	18.0
20.0	74.6	66.9	26 000	23 400	21 300	19 400	20.0
22.0	72.8	66.3	22 300	20 200	18 500	16 900	22.0
24.0	71.0	65.6	19 300	17 600	16 200	14 800	24.0
26.0	69.2	64.9	16 900	15 400	14 200	13 100	26.0
28.0	67.3	64.1	14 800	13 600	12 500	11 600	28.0
30.0	65.5	63.2	13 100	12 000	11 100	10 200	30.0
32.0	63.6	62.2	11 600	10 600	9 800	9 100	32.0
34.0	61.6	61.1	10 200	9 400	8 700	8 100	34.0
36.0	59.6	60.0	9 100	8 400	7 700	7 100	36.0
38.0	57.6	58.7	8 100	7 400	6 800	6 300	38.0
40.0	55.6	57.4	7 100	6 500	6 000	5 600	40.0
42.0	53.5	55.9	6 300	5 800	5 300	4 900	42.0
44.0	51.3	54.4	5 600	5 100	4 700	4 300	44.0
46.0	49.0	52.6	4 900	4 400	4 100	3 700	46.0
48.0	46.7	50.8	4 300	3 900	3 500	3 200	48.0
50.0	44.3	48.8	3 700	3 300	3 000	2 700	50.0
52.0	41.8	46.6	3 200	2 800	2 500	2 300	52.0
54.0	39.1	44.2	2 700	2 300	2 100		54.0
56.0	36.3	41.6	2 200	1 900			56.0

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL
65 360 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
70.1m (230 Ft.) Boom							
11.0	82.8	71.9	60 500 *				11.0
12.0	82.0	71.8	57 400				12.0
13.0	81.1	71.6	50 200	40 800 *			13.0
14.0	80.3	71.4	44 800	39 000	29 700 *		14.0
15.0	79.5	71.3	40 300	35 300	29 600 *	22 600 *	15.0
16.0	78.6	71.1	36 500	32 200	28 700	22 600 *	16.0
18.0	77.0	70.6	30 400	27 100	24 400	21 800	18.0
20.0	75.3	70.1	25 800	23 200	20 900	19 000	20.0
22.0	73.6	69.5	22 100	20 000	18 200	16 500	22.0
24.0	71.9	68.9	19 100	17 400	15 900	14 500	24.0
26.0	70.1	68.2	16 700	15 200	13 900	12 800	26.0
28.0	68.4	67.4	14 600	13 300	12 200	11 200	28.0
30.0	66.6	66.5	12 800	11 700	10 800	9 900	30.0
32.0	64.8	65.6	11 300	10 400	9 500	8 800	32.0
34.0	63.0	64.6	10 000	9 200	8 400	7 700	34.0
36.0	61.1	63.5	8 900	8 100	7 400	6 800	36.0
38.0	59.2	62.3	7 800	7 100	6 600	6 000	38.0
40.0	57.3	61.1	6 900	6 300	5 700	5 300	40.0
42.0	55.3	59.7	6 100	5 500	5 100	4 600	42.0
44.0	53.3	58.2	5 300	4 800	4 400	4 000	44.0
46.0	51.2	56.7	4 700	4 200	3 800	3 500	46.0
48.0	49.0	54.9	4 000	3 600	3 300	2 900	48.0
50.0	46.8	53.1	3 500	3 100	2 800	2 500	50.0
52.0	44.5	51.1	2 900	2 600	2 300	2 000	52.0
54.0	42.1	48.9	2 500	2 100			54.0
56.0	39.6	46.6	2 000				56.0

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL

65 360 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	Oper. Radius Meters
73.2m (240 Ft.) Boom						
11.6	82.6	74.9	55 000 *			11.6
12.0	82.3	74.9	54 900 *			12.0
13.0	81.5	74.7	50 100	36 800 *		13.0
14.0	80.7	74.5	44 700	36 700 *		14.0
15.0	79.9	74.4	40 100	35 200	26 500 *	15.0
16.0	79.1	74.2	36 300	31 900	26 400 *	16.0
18.0	77.5	73.7	30 300	26 800	24 200	18.0
20.0	75.9	73.2	25 600	22 900	20 600	20.0
22.0	74.3	72.7	21 900	19 700	17 800	22.0
24.0	72.6	72.1	19 000	17 100	15 500	24.0
26.0	71.0	71.4	16 500	15 000	13 600	26.0
28.0	69.3	70.7	14 500	13 100	12 000	28.0
30.0	67.6	69.8	12 700	11 500	10 500	30.0
32.0	65.9	69.0	11 200	10 200	9 300	32.0
34.0	64.2	68.0	9 900	8 900	8 200	34.0
36.0	62.4	67.0	8 700	7 900	7 200	36.0
38.0	60.6	65.9	7 700	6 900	6 300	38.0
40.0	58.8	64.7	6 700	6 100	5 500	40.0
42.0	56.9	63.4	5 900	5 300	4 800	42.0
44.0	55.0	62.0	5 100	4 600	4 200	44.0
46.0	53.1	60.5	4 500	4 000	3 600	46.0
48.0	51.1	59.0	3 800	3 400	3 000	48.0
50.0	49.0	57.2	3 300	2 800	2 500	50.0
52.0	46.9	55.4	2 800	2 400	2 100	52.0
54.0	44.7	53.4	2 300			54.0
56.0	42.4	51.3	1 800			56.0

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL

65 360 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
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	49 300
14.0	81.1	77.6	44 800
15.0	80.3	77.5	40 300
16.0	79.6	77.3	36 400
18.0	78.0	76.9	30 300
20.0	76.5	76.4	25 700
22.0	74.9	75.9	22 000
24.0	73.4	75.3	19 100
26.0	71.8	74.6	16 600
28.0	70.2	73.9	14 500
30.0	68.6	73.1	12 800
32.0	66.9	72.3	11 200
34.0	65.3	71.4	9 900
36.0	63.6	70.4	8 800
38.0	61.9	69.4	7 700
40.0	60.2	68.2	6 800
42.0	58.4	67.0	6 000
44.0	56.6	65.7	5 200
46.0	54.8	64.3	4 600
48.0	52.9	62.8	3 900
50.0	51.0	61.3	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