

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL
144,100 Lb. Counterweight
28 Ft. 2 in. 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 29,500 Lbs. or 59,000 Lbs. with two part whip line. When boom butt mounted auxiliary drum is used, capacity with single part whip line is 20,000 Lbs. or 40,000 Lbs. with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

250 Ft. 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 28 Ft. 2 in. extendible crawlers, 48 in. treads, 10 Ft. 3 in. retractable gantry, 30 Ft. live mast, 20 part boom hoist reeving, four 1-3/8 in. boom pendants and 144,100 Lb. 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) 250 Ft.	(a) 240 Ft.	200 Ft.
1 Degree	240 Ft.	230 Ft.	200 Ft.
2 Degree	240 Ft.	230 Ft.	200 Ft.
3 Degree	230 Ft.	230 Ft.	200 Ft.
Load block, hook and weight ball on barge deck at start. (a) Upper boom point cannot be used on 250 Ft. boom and cannot be lifted over rear of blocked crawlers on 240 Ft. boom. Jib is not to be used on crawler machine while operating on a barge.			



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70 Ft. BOOM							
42	60.0	67.5	97,700	93,000	88,800	84,900	42
44	58.0	66.2	91,400	87,200	83,500	80,000	44
46	56.0	64.8	85,800	82,100	78,700	75,600	46
48	54.0	63.4	80,700	77,400	74,400	71,600	48
50	51.9	61.7	76,200	73,100	70,400	67,900	50
55	46.3	57.1	66,400	64,000	61,900	59,900	55
60	40.1	51.4	58,500	56,600	55,000	53,400	60
65	32.9	44.2	52,000	50,500	49,200	47,900	65
70	23.7	34.1	46,400	45,200	44,300	43,300	70
80 Ft. BOOM							
40	65.7	80.0	104,700	98,800	93,500	88,600	40
42	64.1	79.0	97,600	92,400	87,700	83,300	42
44	62.4	78.0	91,400	86,600	82,400	78,500	44
46	60.8	76.8	85,700	81,500	77,700	74,200	46
48	59.1	75.6	80,700	76,800	73,400	70,200	48
50	57.4	74.3	76,100	72,600	69,500	66,600	50
55	52.9	70.6	66,400	63,600	61,100	58,800	55
60	48.2	66.2	58,500	56,200	54,300	52,400	60
65	43.0	61.0	52,000	50,100	48,500	47,000	65
70	37.3	54.8	46,500	45,000	43,700	42,400	70
75	30.6	46.9	41,800	40,500	39,500	38,500	75
80	22.0	36.0	37,700	36,600	35,900	35,100	80
90 Ft. BOOM							
38	69.9	91.8	112,800	105,300	98,700	92,800	38
40	68.6	91.0	104,800	98,200	92,300	87,000	40
42	67.2	90.1	97,700	91,800	86,600	81,800	42
44	65.8	89.2	91,400	86,100	81,400	77,100	44
46	64.3	88.2	85,800	81,000	76,800	72,900	46
48	62.9	87.2	80,700	76,400	72,600	69,000	48
50	61.4	86.0	76,100	72,200	68,700	65,500	50
55	57.7	82.9	66,400	63,200	60,500	57,800	55
60	53.8	79.3	58,500	55,900	53,700	51,500	60
65	49.6	75.2	52,000	49,800	48,000	46,200	65
70	45.2	70.4	46,500	44,700	43,200	41,700	70
75	40.4	64.7	41,800	40,300	39,100	37,800	75
80	35.0	57.9	37,800	36,500	35,500	34,400	80
85	28.7	49.4	34,200	33,200	32,300	31,500	85
90	20.7	37.7	31,100	30,200	29,500	28,800	90

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100 Ft. BOOM							
36	73.2	103.2	122,100	112,700	104,600	97,400	36
38	72.0	102.5	112,900	104,700	97,500	91,100	38
40	70.8	101.8	104,900	97,600	91,200	85,500	40
42	69.6	101.0	97,800	91,300	85,600	80,400	42
44	68.3	100.2	91,500	85,700	80,600	75,900	44
46	67.1	99.3	85,800	80,600	76,000	71,700	46
48	65.8	98.4	80,800	76,000	71,800	68,000	48
50	64.6	97.4	76,200	71,900	68,000	64,500	50
55	61.3	94.7	66,400	62,900	59,900	57,000	55
60	57.9	91.6	58,500	55,700	53,200	50,800	60
65	54.4	88.1	52,100	49,700	47,600	45,600	65
70	50.8	84.1	46,600	44,600	42,800	41,200	70
75	46.9	79.5	41,900	40,200	38,700	37,300	75
80	42.7	74.3	37,900	36,400	35,200	34,000	80
85	38.2	68.1	34,400	33,100	32,100	31,100	85
90	33.1	60.8	31,300	30,200	29,300	28,500	90
95	27.2	51.7	28,500	27,600	26,800	26,100	95
100	19.5	39.4	26,000	25,200	24,600	24,100	100
110 Ft. BOOM							
36	74.8	113.6	122,000	111,900	103,100	95,400	36
38	73.7	113.0	112,800	103,900	96,200	89,300	38
40	72.6	112.4	104,700	96,800	90,000	83,800	40
42	71.5	111.7	97,600	90,600	84,400	78,900	42
44	70.4	110.9	91,300	85,000	79,500	74,400	44
46	69.3	110.2	85,700	80,000	75,000	70,400	46
48	68.2	109.3	80,600	75,400	70,900	66,700	48
50	67.0	108.5	76,000	71,300	67,100	63,300	50
55	64.1	106.1	66,200	62,400	59,100	56,000	55
60	61.2	103.4	58,300	55,200	52,400	49,900	60
65	58.1	100.3	51,800	49,200	46,900	44,700	65
70	55.0	96.8	46,400	44,100	42,200	40,400	70
75	51.7	93.0	41,700	39,800	38,200	36,600	75
80	48.2	88.6	37,700	36,000	34,600	33,300	80
85	44.5	83.6	34,200	32,700	31,500	30,400	85
90	40.6	77.9	31,100	29,800	28,800	27,800	90
95	36.3	71.4	28,400	27,200	26,400	25,500	95
100	31.5	63.6	25,900	24,900	24,200	23,400	100
105	25.8	54.0	23,700	22,800	22,200	21,600	105
110	18.6	40.9	21,600	20,900	20,400	19,900	110



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Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
120 Ft. BOOM							
34	77.1	124.5	132,600	120,000	109,400	100,200	34
36	76.1	124.0	121,900	111,000	101,700	93,500	36
38	75.1	123.5	112,700	103,100	94,800	87,600	38
40	74.1	122.9	104,600	96,100	88,800	82,300	40
42	73.1	122.2	97,500	89,900	83,300	77,500	42
44	72.1	121.6	91,200	84,400	78,400	73,100	44
46	71.1	120.9	85,500	79,400	74,000	69,200	46
48	70.1	120.1	80,500	74,900	70,000	65,500	48
50	69.1	119.3	75,900	70,800	66,300	62,200	50
55	66.5	117.2	66,100	62,000	58,400	55,000	55
60	63.8	114.7	58,200	54,800	51,800	49,000	60
65	61.1	112.0	51,700	48,800	46,300	44,000	65
70	58.3	109.0	46,200	43,800	41,700	39,700	70
75	55.4	105.6	41,600	39,500	37,700	36,000	75
80	52.4	101.8	37,600	35,700	34,200	32,700	80
85	49.3	97.5	34,100	32,500	31,100	29,800	85
90	46.0	92.8	31,000	29,600	28,400	27,300	90
95	42.5	87.5	28,300	27,000	26,000	25,000	95
100	38.7	81.4	25,800	24,700	23,800	23,000	100
105	34.6	74.4	23,600	22,600	21,900	21,100	105
110	30.0	66.2	21,600	20,700	20,100	19,400	110
115	24.7	56.1	19,800	19,000	18,500	17,900	115
120	17.7	42.4	18,100	17,400	16,900	16,500	120



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130 Ft. BOOM							
32	79.0	135.3	145,200	129,500	116,600	105,600	32
34	78.1	134.8	132,700	119,200	107,900	98,300	34
36	77.2	134.3	122,000	110,200	100,400	91,800	36
38	76.3	133.8	112,700	102,400	93,700	86,000	38
40	75.4	133.3	104,600	95,500	87,700	80,900	40
42	74.5	132.7	97,500	89,400	82,400	76,200	42
44	73.5	132.1	91,200	83,900	77,600	71,900	44
46	72.6	131.5	85,500	78,900	73,200	68,100	46
48	71.7	130.8	80,400	74,400	69,200	64,500	48
50	70.7	130.1	75,800	70,400	65,600	61,300	50
55	68.4	128.1	66,100	61,600	57,800	54,200	55
60	66.0	125.9	58,200	54,500	51,300	48,400	60
65	63.5	123.4	51,700	48,600	45,900	43,400	65
70	61.0	120.7	46,200	43,600	41,300	39,200	70
75	58.4	117.6	41,600	39,300	37,300	35,500	75
80	55.8	114.3	37,500	35,600	33,900	32,300	80
85	53.0	110.6	34,100	32,300	30,800	29,400	85
90	50.2	106.5	31,000	29,400	28,200	26,900	90
95	47.2	101.9	28,300	26,900	25,800	24,700	95
100	44.0	96.8	25,800	24,600	23,600	22,700	100
105	40.7	91.2	23,600	22,500	21,700	20,800	105
110	37.1	84.8	21,700	20,700	19,900	19,200	110
115	33.2	77.4	19,900	19,000	18,300	17,600	115
120	28.8	68.7	18,200	17,400	16,800	16,200	120
125	23.6	58.1	16,600	15,900	15,400	15,000	125
130	17.0	43.8	15,200	14,600	14,200	13,800	130

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140 Ft. BOOM							
30	80.6	145.8	159,900	140,200	124,400		30
32	79.8	145.5	145,000	128,300	114,700	103,400	32
34	79.0	145.1	132,500	118,200	106,300	96,300	34
36	78.1	144.6	121,800	109,300	98,900	90,000	36
38	77.3	144.1	112,600	101,600	92,300	84,400	38
40	76.4	143.6	104,500	94,700	86,500	79,300	40
42	75.6	143.1	97,300	88,600	81,300	74,700	42
44	74.7	142.5	91,000	83,200	76,500	70,600	44
46	73.9	141.9	85,300	78,300	72,200	66,800	46
48	73.0	141.3	80,200	73,800	68,300	63,400	48
50	72.2	140.7	75,600	69,800	64,700	60,200	50
55	70.0	138.9	65,800	61,100	57,000	53,300	55
60	67.8	136.8	57,900	54,000	50,600	47,500	60
65	65.5	134.6	51,400	48,100	45,300	42,600	65
70	63.3	132.1	46,000	43,100	40,700	38,400	70
75	60.9	129.3	41,300	38,900	36,800	34,800	75
80	58.5	126.3	37,300	35,200	33,400	31,600	80
85	56.1	123.0	33,800	31,900	30,400	28,900	85
90	53.5	119.3	30,800	29,100	27,700	26,400	90
95	50.9	115.3	28,000	26,600	25,300	24,100	95
100	48.2	110.9	25,600	24,300	23,200	22,100	100
105	45.3	106.1	23,400	22,200	21,300	20,300	105
110	42.3	100.7	21,500	20,400	19,500	18,700	110
115	39.1	94.7	19,700	18,700	17,900	17,200	115
120	35.7	87.9	18,000	17,100	16,400	15,800	120
125	31.9	80.2	16,500	15,700	15,100	14,500	125
130	27.7	71.2	15,100	14,400	13,800	13,300	130
135	22.7	60.1	13,800	13,100	12,700	12,200	135
140	16.3	45.2	12,500	12,000	11,600	11,200	140

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150 Ft. BOOM							
30	81.3	156.0	159,800	138,900			30
32	80.5	155.6	144,900	127,200	113,000		32
34	79.7	155.3	132,400	117,100	104,700	94,200	34
36	78.9	154.8	121,600	108,400	97,400	88,100	36
38	78.2	154.4	112,400	100,700	91,000	82,600	38
40	77.4	153.9	104,200	93,900	85,200	77,700	40
42	76.6	153.5	97,100	87,900	80,100	73,300	42
44	75.8	152.9	90,700	82,400	75,400	69,200	44
46	75.0	152.4	85,100	77,600	71,200	65,500	46
48	74.2	151.8	79,900	73,100	67,300	62,100	48
50	73.4	151.2	75,300	69,100	63,800	59,000	50
55	71.4	149.5	65,500	60,500	56,100	52,200	55
60	69.4	147.6	57,600	53,400	49,800	46,500	60
65	67.3	145.6	51,100	47,600	44,500	41,700	65
70	65.2	143.3	45,600	42,600	40,000	37,600	70
75	63.0	140.8	40,900	38,300	36,100	34,000	75
80	60.9	138.0	36,900	34,600	32,700	30,900	80
85	58.6	135.0	33,400	31,400	29,700	28,100	85
90	56.3	131.7	30,400	28,600	27,100	25,700	90
95	54.0	128.1	27,600	26,000	24,700	23,400	95
100	51.6	124.2	25,200	23,800	22,600	21,500	100
105	49.1	119.9	23,000	21,700	20,700	19,700	105
110	46.4	115.2	21,100	19,900	18,900	18,000	110
115	43.7	110.1	19,300	18,200	17,300	16,500	115
120	40.8	104.4	17,600	16,600	15,900	15,200	120
125	37.7	98.1	16,100	15,200	14,600	13,900	125
130	34.4	91.0	14,700	13,900	13,300	12,700	130
135	30.8	82.9	13,400	12,700	12,200	11,600	135
140	26.7	73.5	12,200	11,600	11,100	10,600	140
145	21.9	62.0	11,100	10,500	10,100	9,700	145
150	15.7	46.5	10,000	9,500	9,100	8,800	150



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160 Ft. BOOM							
28	82.5	166.4	177,500				28
30	81.8	166.1	159,600	137,600			30
32	81.1	165.8	144,700	126,000			32
34	80.4	165.4	132,100	116,000	103,100		34
36	79.6	165.1	121,400	107,400	95,900	86,300	36
38	78.9	164.6	112,100	99,800	89,600	81,000	38
40	78.2	164.2	104,000	93,100	84,000	76,200	40
42	77.4	163.7	96,800	87,100	78,900	71,800	42
44	76.7	163.3	90,500	81,700	74,300	67,900	44
46	76.0	162.7	84,800	76,900	70,100	64,200	46
48	75.2	162.2	79,700	72,500	66,300	60,900	48
50	74.5	161.6	75,000	68,500	62,900	57,900	50
55	72.6	160.1	65,200	59,900	55,300	51,200	55
60	70.7	158.3	57,300	52,900	49,100	45,600	60
65	68.8	156.4	50,800	47,000	43,800	40,900	65
70	66.8	154.3	45,300	42,100	39,400	36,800	70
75	64.9	152.0	40,600	37,900	35,500	33,300	75
80	62.9	149.4	36,600	34,200	32,100	30,200	80
85	60.8	146.7	33,100	31,000	29,200	27,500	85
90	58.7	143.6	30,000	28,100	26,500	25,000	90
95	56.6	140.4	27,300	25,600	24,200	22,900	95
100	54.4	136.8	24,900	23,400	22,100	20,900	100
105	52.1	133.0	22,700	21,300	20,200	19,100	105
110	49.8	128.8	20,800	19,500	18,500	17,500	110
115	47.4	124.3	19,000	17,800	16,900	16,000	115
120	44.9	119.3	17,300	16,300	15,400	14,700	120
125	42.2	113.9	15,800	14,900	14,100	13,400	125
130	39.4	108.0	14,500	13,600	12,900	12,200	130
135	36.5	101.4	13,200	12,400	11,800	11,200	135
140	33.3	94.0	12,000	11,200	10,700	10,200	140
145	29.8	85.6	10,900	10,200	9,700	9,200	145
150	25.8	75.7	9,800	9,200	8,800	8,400	150
155	21.2	63.8	8,900	8,300	7,900	7,500	155
160	15.2	47.8	7,900	7,400	7,100	6,800	160

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL
144,100 Lb. Counterweight
28 Ft. 2 in. Crawlers Retracted
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
170 Ft. BOOM							
28	83.0	176.5	177,400				28
30	82.3	176.2	159,500				30
32	81.6	175.9	144,600	125,000			32
34	80.9	175.6	132,000	115,100	101,600		34
36	80.3	175.2	121,300	106,500	94,600		36
38	79.6	174.9	112,000	99,000	88,400	79,500	38
40	78.9	174.4	103,800	92,300	82,900	74,800	40
42	78.2	174.0	96,700	86,400	77,900	70,500	42
44	77.5	173.6	90,300	81,100	73,400	66,700	44
46	76.8	173.1	84,600	76,300	69,300	63,100	46
48	76.1	172.6	79,500	71,900	65,500	59,900	48
50	75.4	172.0	74,900	68,000	62,100	56,900	50
55	73.7	170.6	65,100	59,400	54,600	50,300	55
60	71.9	168.9	57,100	52,500	48,500	44,800	60
65	70.1	167.1	50,600	46,700	43,300	40,200	65
70	68.3	165.2	45,100	41,700	38,800	36,200	70
75	66.4	163.0	40,400	37,500	35,000	32,700	75
80	64.6	160.6	36,400	33,900	31,700	29,700	80
85	62.7	158.1	32,900	30,700	28,800	27,000	85
90	60.8	155.3	29,900	27,900	26,200	24,600	90
95	58.8	152.3	27,100	25,300	23,800	22,400	95
100	56.8	149.1	24,700	23,100	21,700	20,500	100
105	54.7	145.6	22,500	21,100	19,900	18,700	105
110	52.6	141.8	20,600	19,200	18,100	17,100	110
115	50.4	137.7	18,800	17,600	16,600	15,600	115
120	48.2	133.3	17,200	16,000	15,100	14,300	120
125	45.9	128.5	15,700	14,600	13,800	13,000	125
130	43.4	123.3	14,300	13,300	12,600	11,900	130
135	40.9	117.6	13,000	12,100	11,500	10,800	135
140	38.2	111.4	11,800	11,000	10,400	9,800	140
145	35.3	104.5	10,800	10,000	9,400	8,900	145
150	32.2	96.8	9,700	9,000	8,500	8,000	150
155	28.8	88.1	8,800	8,100	7,700	7,200	155
160	25.0	77.9	7,900	7,200	6,900	6,500	160
165	20.5	65.6	7,000	6,400	6,100	5,700	165



Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL
144,100 Lb. Counterweight
28 Ft. 2 in. Crawlers Retracted
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
180 Ft. BOOM							
30	82.7	186.3	159,300				30
32	82.1	186.0	144,400				32
34	81.4	185.7	131,800	114,000			34
36	80.8	185.4	121,000	105,500	93,100		36
38	80.2	185.0	111,700	98,100	87,100		38
40	79.5	184.6	103,600	91,500	81,600	73,300	40
42	78.9	184.2	96,400	85,600	76,700	69,100	42
44	78.2	183.8	90,000	80,300	72,300	65,400	44
46	77.6	183.4	84,300	75,600	68,200	61,900	46
48	76.9	182.9	79,200	71,200	64,500	58,700	48
50	76.2	182.4	74,600	67,300	61,200	55,800	50
55	74.6	181.0	64,700	58,800	53,800	49,300	55
60	72.9	179.5	56,800	51,900	47,700	43,900	60
65	71.2	177.8	50,200	46,100	42,600	39,400	65
70	69.5	175.9	44,800	41,200	38,200	35,400	70
75	67.8	173.9	40,100	37,000	34,400	32,000	75
80	66.1	171.7	36,100	33,400	31,100	29,000	80
85	64.3	169.3	32,600	30,200	28,200	26,300	85
90	62.5	166.8	29,500	27,400	25,600	23,900	90
95	60.7	164.0	26,800	24,900	23,300	21,800	95
100	58.9	161.0	24,400	22,700	21,200	19,900	100
105	57.0	157.8	22,200	20,600	19,300	18,100	105
110	55.0	154.3	20,200	18,800	17,600	16,500	110
115	53.0	150.6	18,400	17,100	16,100	15,100	115
120	51.0	146.6	16,800	15,600	14,700	13,800	120
125	48.9	142.3	15,300	14,200	13,400	12,500	125
130	46.7	137.6	14,000	12,900	12,100	11,400	130
135	44.5	132.6	12,700	11,700	11,000	10,300	135
140	42.1	127.1	11,500	10,600	10,000	9,300	140
145	39.7	121.2	10,400	9,600	9,000	8,400	145
150	37.1	114.7	9,400	8,600	8,100	7,600	150
155	34.3	107.6	8,500	7,700	7,200	6,800	155
160	31.3	99.6	7,600	6,900	6,400	6,000	160
165	28.0	90.6	6,700	6,100	5,700	5,300	165
170	24.3	80.0	5,900	5,300	5,000	4,600	170
175	19.9	67.3	5,100	4,600	4,300	4,000	175

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL
144,100 Lb. Counterweight
28 Ft. 2 in. Crawlers Retracted
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
190 Ft. BOOM							
32	82.5	196.2	144,200				32
34	81.9	195.9	131,600	113,000			34
36	81.3	195.5	120,800	104,600			36
38	80.7	195.2	111,500	97,200	85,800		38
40	80.1	194.8	103,300	90,700	80,400		40
42	79.4	194.4	96,100	84,800	75,600	67,700	42
44	78.8	194.0	89,700	79,600	71,200	64,000	44
46	78.2	193.6	84,000	74,800	67,200	60,600	46
48	77.6	193.2	78,900	70,500	63,500	57,500	48
50	77.0	192.7	74,200	66,600	60,200	54,600	50
55	75.4	191.4	64,400	58,200	52,900	48,300	55
60	73.9	189.9	56,400	51,300	46,900	43,000	60
65	72.3	188.4	49,900	45,500	41,800	38,500	65
70	70.7	186.6	44,400	40,600	37,500	34,600	70
75	69.1	184.7	39,700	36,500	33,700	31,200	75
80	67.4	182.7	35,700	32,800	30,400	28,200	80
85	65.8	180.4	32,200	29,700	27,500	25,600	85
90	64.1	178.0	29,100	26,800	25,000	23,200	90
95	62.4	175.4	26,400	24,300	22,700	21,100	95
100	60.7	172.6	23,900	22,100	20,600	19,200	100
105	58.9	169.6	21,700	20,100	18,700	17,500	105
110	57.1	166.4	19,800	18,300	17,000	15,900	110
115	55.3	163.0	18,000	16,600	15,500	14,400	115
120	53.4	159.3	16,400	15,100	14,100	13,100	120
125	51.5	155.4	14,900	13,700	12,800	11,900	125
130	49.5	151.2	13,500	12,400	11,600	10,800	130
135	47.5	146.7	12,200	11,200	10,400	9,700	135
140	45.4	141.8	11,100	10,100	9,400	8,700	140
145	43.2	136.5	10,000	9,100	8,400	7,800	145
150	40.9	130.9	8,900	8,100	7,500	7,000	150
155	38.5	124.7	8,000	7,200	6,700	6,200	155
160	36.0	118.0	7,100	6,400	5,900	5,400	160
165	33.3	110.6	6,300	5,600	5,100	4,700	165
170	30.4	102.3	5,500	4,800	4,400	4,000	170
175	27.2	93.0	4,700	4,100			175
180	23.6	82.1	4,000				180

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL

144,100 Lb. Counterweight

28 Ft. 2 in. Crawlers Retracted

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
200 Ft. BOOM							
32	82.9	206.3	144,000				32
34	82.3	206.0	131,300				34
36	81.7	205.7	120,500	103,600			36
38	81.1	205.3	111,200	96,300			38
40	80.6	205.0	103,000	89,800	79,100		40
42	80.0	204.6	95,800	84,000	74,400	66,300	42
44	79.4	204.2	89,400	78,800	70,100	62,700	44
46	78.8	203.8	83,700	74,100	66,200	59,400	46
48	78.2	203.4	78,500	69,800	62,600	56,300	48
50	77.6	203.0	73,900	65,900	59,300	53,500	50
55	76.2	201.7	64,000	57,500	52,100	47,300	55
60	74.7	200.4	56,000	50,700	46,100	42,100	60
65	73.2	198.9	49,500	44,900	41,100	37,600	65
70	71.7	197.2	44,000	40,100	36,800	33,800	70
75	70.2	195.4	39,300	35,900	33,000	30,400	75
80	68.6	193.5	35,300	32,300	29,800	27,500	80
85	67.1	191.4	31,800	29,100	26,900	24,900	85
90	65.5	189.1	28,700	26,400	24,400	22,500	90
95	63.9	186.7	26,000	23,900	22,100	20,500	95
100	62.3	184.1	23,500	21,600	20,100	18,600	100
105	60.6	181.3	21,300	19,600	18,200	16,900	105
110	59.0	178.3	19,400	17,800	16,500	15,300	110
115	57.3	175.1	17,600	16,100	15,000	13,900	115
120	55.5	171.7	16,000	14,600	13,600	12,500	120
125	53.8	168.1	14,500	13,200	12,300	11,300	125
130	52.0	164.2	13,100	12,000	11,100	10,200	130
135	50.1	160.1	11,800	10,800	10,000	9,200	135
140	48.2	155.6	10,700	9,700	8,900	8,200	140
145	46.2	150.9	9,600	8,700	8,000	7,300	145
150	44.2	145.8	8,600	7,700	7,100	6,400	150
155	42.1	140.4	7,600	6,800	6,200	5,600	155
160	39.8	134.5	6,700	6,000	5,400	4,900	160
165	37.5	128.1	5,900	5,200	4,700	4,200	165
170	35.1	121.1	5,100	4,400	4,000		170
175	32.4	113.4	4,400				175

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL
144,100 Lb. Counterweight
28 Ft. 2 in. Crawlers Retracted
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
210 Ft. BOOM							
34	82.7	216.1	131,100				34
36	82.1	215.8	120,300				36
38	81.6	215.5	110,900	95,400			38
40	81.0	215.1	102,800	89,000	78,000		40
42	80.5	214.8	95,600	83,200	73,300		42
44	79.9	214.4	89,200	78,100	69,100	61,500	44
46	79.4	214.0	83,400	73,400	65,200	58,300	46
48	78.8	213.6	78,300	69,200	61,700	55,300	48
50	78.2	213.2	73,600	65,300	58,400	52,500	50
55	76.8	212.0	63,800	57,000	51,300	46,400	55
60	75.4	210.8	55,800	50,200	45,400	41,300	60
65	74.0	209.3	49,200	44,500	40,500	36,900	65
70	72.6	207.8	43,700	39,700	36,200	33,100	70
75	71.1	206.1	39,000	35,500	32,500	29,800	75
80	69.7	204.2	35,000	31,900	29,300	26,900	80
85	68.2	202.2	31,500	28,800	26,400	24,300	85
90	66.7	200.1	28,400	26,000	23,900	22,000	90
95	65.2	197.8	25,700	23,500	21,600	19,900	95
100	63.7	195.4	23,200	21,300	19,600	18,100	100
105	62.2	192.7	21,100	19,300	17,800	16,400	105
110	60.6	189.9	19,100	17,500	16,100	14,800	110
115	59.0	187.0	17,300	15,800	14,600	13,400	115
120	57.4	183.8	15,700	14,300	13,200	12,100	120
125	55.8	180.4	14,200	12,900	11,900	10,900	125
130	54.1	176.8	12,800	11,600	10,700	9,800	130
135	52.4	173.0	11,600	10,400	9,600	8,700	135
140	50.6	168.9	10,400	9,400	8,600	7,800	140
145	48.8	164.6	9,300	8,300	7,600	6,900	145
150	46.9	160.0	8,300	7,400	6,700	6,000	150
155	45.0	155.1	7,400	6,500	5,900	5,300	155
160	43.0	149.8	6,500	5,700	5,100	4,500	160
165	41.0	144.1	5,600	4,900	4,300		165
170	38.8	138.0	4,900	4,100			170
175	36.6	131.4	4,100				175

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL
144,100 Lb. Counterweight
28 Ft. 2 in. Crawlers Retracted
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
220 Ft. BOOM							
34	83.0	226.2	130,800				34
36	82.5	225.9	120,000				36
38	82.0	225.6	110,600	94,500			38
40	81.4	225.3	102,400	88,100			40
42	80.9	224.9	95,200	82,400	72,200		42
44	80.4	224.6	88,800	77,300	68,000		44
46	79.8	224.2	83,100	72,700	64,200	56,800 *	46
48	79.3	223.8	77,900	68,500	60,700	54,100	48
50	78.8	223.4	73,300	64,600	57,500	51,400	50
55	77.5	222.3	63,400	56,400	50,500	45,400	55
60	76.1	221.1	55,400	49,600	44,700	40,400	60
65	74.8	219.7	48,800	43,900	39,700	36,000	65
70	73.4	218.3	43,300	39,100	35,500	32,300	70
75	72.0	216.6	38,600	35,000	31,900	29,000	75
80	70.7	214.9	34,600	31,400	28,700	26,200	80
85	69.3	213.0	31,100	28,200	25,800	23,600	85
90	67.9	211.0	28,000	25,500	23,300	21,300	90
95	66.4	208.8	25,300	23,000	21,100	19,300	95
100	65.0	206.5	22,800	20,800	19,100	17,400	100
105	63.6	204.0	20,700	18,800	17,200	15,800	105
110	62.1	201.4	18,700	17,000	15,600	14,200	110
115	60.6	198.6	16,900	15,300	14,000	12,800	115
120	59.1	195.6	15,300	13,800	12,600	11,500	120
125	57.5	192.5	13,800	12,400	11,400	10,300	125
130	56.0	189.1	12,400	11,200	10,200	9,200	130
135	54.4	185.6	11,200	10,000	9,100	8,200	135
140	52.7	181.8	10,000	8,900	8,100	7,200	140
145	51.1	177.8	8,900	7,900	7,100	6,400	145
150	49.4	173.5	7,900	6,900	6,200	5,500	150
155	47.6	169.0	7,000	6,100	5,400	4,700	155
160	45.8	164.2	6,100	5,200	4,600	4,000	160
165	43.9	159.1	5,200	4,400			165
170	42.0	153.6	4,500				170

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL
144,100 Lb. Counterweight
28 Ft. 2 in. Crawlers Retracted
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	3 Degree List Boom Capacity Pounds	Oper. Radius Feet
230 Ft. BOOM							
36	82.8	236.0	119,800				36
38	82.3	235.7	110,400				38
40	81.8	235.4	102,200	87,300			40
42	81.3	235.1	95,000	81,600			42
44	80.8	234.7	88,500	76,500	65,700 *		44
46	80.3	234.4	82,800	71,900	63,200		46
48	79.8	234.0	77,600	67,800	59,700	50,000 *	48
50	79.3	233.6	73,000	63,900	56,600	50,000 *	50
55	78.0	232.6	63,000	55,700	49,600	44,400	55
60	76.7	231.4	55,000	49,000	43,900	39,400	60
65	75.4	230.1	48,400	43,300	39,000	35,200	65
70	74.1	228.7	42,900	38,500	34,800	31,500	70
75	72.8	227.2	38,200	34,400	31,200	28,200	75
80	71.5	225.5	34,200	30,800	28,000	25,400	80
85	70.2	223.7	30,600	27,700	25,200	22,900	85
90	68.9	221.8	27,600	24,900	22,700	20,600	90
95	67.5	219.7	24,800	22,400	20,400	18,600	95
100	66.2	217.5	22,400	20,200	18,400	16,800	100
105	64.8	215.2	20,200	18,200	16,600	15,100	105
110	63.4	212.7	18,200	16,400	15,000	13,600	110
115	62.0	210.1	16,400	14,800	13,400	12,200	115
120	60.6	207.3	14,800	13,300	12,000	10,900	120
125	59.1	204.3	13,300	11,900	10,800	9,700	125
130	57.6	201.1	11,900	10,600	9,600	8,600	130
135	56.1	197.8	10,700	9,500	8,500	7,600	135
140	54.6	194.3	9,500	8,400	7,500	6,600	140
145	53.1	190.6	8,400	7,300	6,500	5,700	145
150	51.5	186.6	7,400	6,400	5,600	4,900	150
155	49.9	182.4	6,500	5,500	4,800	4,100	155
160	48.2	178.0	5,600	4,700	4,000		160
165	46.5	173.3	4,700				165
170	44.7	168.3	4,000				170

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL
144,100 Lb. Counterweight
28 Ft. 2 in. Crawlers Retracted
Crawler Machine on a Barge
0 Degree thru 3 Degree Machine List
No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	1 Degree List Boom Capacity Pounds	2 Degree List Boom Capacity Pounds	Oper. Radius Feet
240 Ft. BOOM						
38	82.6	245.8	110,100			38
40	82.2	245.5	101,800			40
42	81.7	245.2	94,600	80,800		42
44	81.2	244.9	88,200	75,700		44
46	80.7	244.6	82,400	71,200	58,700 *	46
48	80.2	244.2	77,200	67,000	58,600 *	48
50	79.7	243.8	72,600	63,200	55,600	50
55	78.5	242.8	62,600	55,000	48,800	55
60	77.3	241.7	54,600	48,300	43,100	60
65	76.1	240.5	48,000	42,700	38,200	65
70	74.8	239.1	42,500	37,900	34,100	70
75	73.6	237.6	37,800	33,800	30,500	75
80	72.3	236.1	33,700	30,300	27,300	80
85	71.1	234.4	30,200	27,100	24,500	85
90	69.8	232.5	27,100	24,400	22,100	90
95	68.5	230.6	24,400	21,900	19,800	95
100	67.2	228.5	22,000	19,700	17,800	100
105	65.9	226.3	19,800	17,700	16,000	105
110	64.6	223.9	17,800	15,900	14,400	110
115	63.3	221.4	16,000	14,300	12,900	115
120	61.9	218.7	14,400	12,800	11,500	120
125	60.5	215.9	12,900	11,400	10,200	125
130	59.2	213.0	11,500	10,100	9,100	130
135	57.7	209.8	10,200	9,000	8,000	135
140	56.3	206.5	9,100	7,900	7,000	140
145	54.9	203.0	8,000	6,900	6,000	145
150	53.4	199.3	7,000	5,900	5,100	150
155	51.9	195.4	6,000	5,000	4,300	155
160	50.3	191.3	5,100	4,200		160
165	48.7	187.0	4,300			165

Liftcrane Boom Capacities

888 SERIES 1

Boom No. 22EL

144,100 Lb. Counterweight

28 Ft. 2 in. Crawlers Retracted

Crawler Machine on a Barge

0 Degree thru 3 Degree Machine List

No Travel - 360 Degree Rating

Oper. Radius Feet	Boom Angle Deg.	Boom Point Elev. Feet	0 Degree List Boom Capacity Pounds	Oper. Radius Feet
250 Ft. BOOM				
38	82.9	255.9	110,200 *	38
40	82.5	255.6	102,000	40
42	82.0	255.3	94,800	42
44	81.5	255.0	88,400	44
46	81.1	254.7	82,600	46
48	80.6	254.4	77,400	48
50	80.1	254.0	72,800	50
55	79.0	253.0	62,800	55
60	77.8	252.0	54,800	60
65	76.6	250.8	48,200	65
70	75.4	249.5	42,700	70
75	74.3	248.1	38,000	75
80	73.1	246.6	33,900	80
85	71.9	244.9	30,400	85
90	70.6	243.2	27,300	90
95	69.4	241.3	24,600	95
100	68.2	239.3	22,100	100
105	66.9	237.2	19,900	105
110	65.7	235.0	18,000	110
115	64.4	232.6	16,200	115
120	63.1	230.1	14,500	120
125	61.8	227.4	13,100	125
130	60.5	224.6	11,700	130
135	59.2	221.6	10,400	135
140	57.8	218.5	9,200	140
145	56.5	215.2	8,200	145
150	55.1	211.7	7,200	150
155	53.6	208.1	6,200	155
160	52.2	204.2	5,300	160
165	50.7	200.2	4,500	165