



Liftcrane Boom Capacities

2250 SERIES 1

**Boom No. 44 With Long Reach Top
169,200 Lb. Counterweight
Rating Over Front of Blocked Crawlers
No Travel - Limited Swing**

**Meets
ANSI B30.5
Requirements**

LIFTING CAPACITIES: Lifting capacities for various boom lengths and operating radii are for freely suspended loads and do not exceed 75% of a static tipping load over front of machine with crawlers blocked. Capacities based on structural competence are denoted by an asterisk (*).

Upper boom point capacity for liftcrane service with single part whip line is 30,000 Lbs. or 60,000 Lbs. with two part whip line. In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.

Weight of jib, all load blocks, hooks, weight ball, slings, hoist lines, etc. beneath boom and jib point sheaves is considered part of main boom load. Boom is not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate in a level position on a firm uniformly supporting surface with gantry up and front tumbler properly blocked so that centerline of idler tumbler becomes tipping fulcrum. Travel drive must be to rear of machine. Swing is limited to that sector shown on Operating Range Diagram No. 8029-A. Refer to boom rigging

No. 192054, Wire Rope Specification chart No. 8033-A, and Counterweight Arrangement chart No. 8026-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 to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

BOOM POINT ELEVATION: Boom point elevation is vertical distance from ground level to centerline of boom point shaft.

MACHINE EQUIPMENT: Machine equipped with 30 Ft. 9 in. crawlers, 48 in. treads, 28 Ft. retractable gantry, 12 part boom hoist reeving, boom support straps, and 169,200 Lb. counterweight.

Maximum Boom and Jib Lengths Lifted Unassisted Over Front of Blocked Crawlers			
WITHOUT BOOM CATWALKS		WITH BOOM CATWALKS	
Boom Length	Jib No. 132	Boom Length	Jib No. 132
(a)(b) 330 Ft.	---	(a)(b) 320 Ft.	---
(a)(b) 320 Ft.	---	310 Ft.	---
310 Ft.	---	300 Ft.	---
300 Ft.	---	290 Ft.	---
290 Ft.	---	280 Ft.	40 Ft.
280 Ft.	40 Ft.	270 Ft.	80 Ft.
(b) 280 Ft.	60 Ft.	260 Ft.	100 Ft.
270 Ft.	80 Ft.	250 Ft.	120 Ft.
260 Ft.	100 Ft.		
(b) 260 Ft.	120 Ft.		

Load block, hook and weight ball on ground at start.
(a) Upper boom point cannot be used.
(b) Machine must be equipped with optional upperworks jacking cylinders.

Deduct From Capacities When Jib Is Attached	
Jib Length	Jib No. 132
40 Ft.	6,400 Lbs.
60 Ft.	8,200 Lbs.
80 Ft.	10,300 Lbs.
100 Ft.	12,800 Lbs.
120 Ft.	15,300 Lbs.

Boom Catwalks Deduct

Deduct 700 Lbs. from capacities when boom catwalks are attached.

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



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Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
190 Ft. BOOM			
32	82.7	196.3	210,000 *
34	82.1	196.0	210,000 *
36	81.5	195.7	210,000 *
38	80.8	195.4	210,000 *
40	80.2	195.0	210,000 *
42	79.6	194.7	210,000 *
44	79.0	194.3	210,000 *
46	78.4	193.9	204,500
48	77.8	193.4	191,700
50	77.2	193.0	180,200
55	75.6	191.7	156,400
60	74.0	190.3	137,800
65	72.5	188.8	122,800
70	70.9	187.1	110,500
75	69.3	185.2	100,200
80	67.6	183.2	91,400
85	66.0	181.0	83,900
90	64.3	178.7	77,300
95	62.6	176.1	71,600
100	60.9	173.4	66,500
105	59.2	170.5	62,000
110	57.4	167.3	57,900
115	55.6	164.0	54,200
120	53.7	160.4	50,900
125	51.8	156.5	47,900
130	49.8	152.4	45,200
135	47.8	148.0	42,600
140	45.8	143.2	40,300
145	43.6	138.1	38,200
150	41.3	132.5	36,200
155	39.0	126.5	34,300
160	36.5	120.0	32,600
165	33.9	112.8	31,000
170	31.0	104.8	29,500
175	27.9	95.8	28,100

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
200 Ft. BOOM			
32	83.0	206.4	210,000 *
34	82.5	206.1	210,000 *
36	81.9	205.8	210,000 *
38	81.3	205.5	210,000 *
40	80.7	205.2	210,000 *
42	80.1	204.8	210,000 *
44	79.6	204.5	210,000 *
46	79.0	204.1	204,000
48	78.4	203.7	191,200
50	77.8	203.2	179,700
55	76.3	202.0	155,900
60	74.9	200.7	137,300
65	73.4	199.3	122,200
70	71.9	197.7	109,900
75	70.3	195.9	99,500
80	68.8	194.0	90,800
85	67.3	192.0	83,200
90	65.7	189.7	76,700
95	64.1	187.4	70,900
100	62.5	184.8	65,800
105	60.9	182.1	61,300
110	59.2	179.1	57,200
115	57.5	176.0	53,600
120	55.8	172.7	50,300
125	54.0	169.1	47,300
130	52.2	165.3	44,500
135	50.4	161.3	42,000
140	48.5	156.9	39,600
145	46.5	152.3	37,500
150	44.5	147.3	35,500
155	42.4	142.0	33,600
160	40.2	136.2	31,900
165	38.0	130.0	30,300
170	35.5	123.2	28,800
175	33.0	115.8	27,400
180	30.2	107.5	26,000
185	27.2	98.2	24,800

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
210 Ft. BOOM			
34	82.8	216.2	210,000 *
36	82.3	215.9	210,000 *
38	81.7	215.6	210,000 *
40	81.2	215.3	210,000 *
42	80.6	215.0	210,000 *
44	80.1	214.6	210,000 *
46	79.5	214.3	203,800
48	79.0	213.9	190,900
50	78.4	213.5	179,500
55	77.0	212.3	155,700
60	75.6	211.1	137,000
65	74.2	209.7	122,000
70	72.8	208.2	109,700
75	71.3	206.5	99,300
80	69.9	204.7	90,500
85	68.4	202.8	83,000
90	66.9	200.7	76,400
95	65.4	198.4	70,700
100	63.9	196.0	65,600
105	62.4	193.5	61,100
110	60.8	190.7	57,000
115	59.2	187.8	53,400
120	57.6	184.7	50,000
125	56.0	181.4	47,000
130	54.3	177.9	44,300
135	52.6	174.1	41,700
140	50.9	170.1	39,400
145	49.1	165.9	37,300
150	47.2	161.3	35,300
155	45.4	156.5	33,400
160	43.4	151.3	31,700
165	41.3	145.8	30,100
170	39.2	139.8	28,600
175	37.0	133.3	27,100
180	34.6	126.3	25,800
185	32.1	118.6	24,500
190	29.4	110.1	23,400
195	26.5	100.6	22,200



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Requirements**

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
220 Ft. BOOM			
36	82.6	226.0	210,000 *
38	82.1	225.7	210,000 *
40	81.6	225.4	210,000 *
42	81.1	225.1	210,000 *
44	80.5	224.8	208,900 *
46	80.0	224.4	203,400
48	79.5	224.1	190,500
50	78.9	223.7	179,000
55	77.6	222.6	155,200
60	76.3	221.4	136,500
65	74.9	220.1	121,400
70	73.6	218.6	109,100
75	72.2	217.1	98,700
80	70.8	215.4	89,900
85	69.4	213.5	82,400
90	68.0	211.5	75,800
95	66.6	209.4	70,100
100	65.2	207.2	65,000
105	63.7	204.7	60,400
110	62.3	202.1	56,400
115	60.8	199.4	52,700
120	59.3	196.5	49,400
125	57.7	193.4	46,400
130	56.2	190.1	43,600
135	54.6	186.6	41,100
140	53.0	182.9	38,700
145	51.3	178.9	36,600
150	49.6	174.8	34,600
155	47.9	170.3	32,700
160	46.1	165.6	31,000
165	44.2	160.6	29,400
170	42.3	155.2	27,900
175	40.3	149.5	26,500
180	38.3	143.3	25,100
185	36.1	136.6	23,900
190	33.8	129.4	22,700
195	31.4	121.4	21,600
200	28.8	112.7	20,500
205	25.9	102.9	19,500

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
230 Ft. BOOM			
36	83.0	236.1	196,300 *
38	82.5	235.8	194,300 *
40	81.9	235.6	192,400 *
42	81.4	235.3	190,500 *
44	80.9	234.9	188,800 *
46	80.4	234.6	187,000 *
48	79.9	234.2	185,400 *
50	79.4	233.9	178,500
55	78.1	232.8	154,700
60	76.9	231.7	136,000
65	75.6	230.4	120,900
70	74.3	229.1	108,500
75	73.0	227.6	98,200
80	71.7	225.9	89,400
85	70.4	224.2	81,800
90	69.0	222.3	75,300
95	67.7	220.3	69,500
100	66.3	218.1	64,400
105	65.0	215.8	59,900
110	63.6	213.4	55,800
115	62.2	210.8	52,100
120	60.8	208.1	48,800
125	59.3	205.1	45,800
130	57.8	202.0	43,000
135	56.4	198.8	40,500
140	54.8	195.3	38,200
145	53.3	191.6	36,000
150	51.7	187.8	34,000
155	50.1	183.6	32,200
160	48.5	179.3	30,400
165	46.8	174.7	28,800
170	45.0	169.8	27,300
175	43.2	164.6	25,900
180	41.4	159.0	24,500
185	39.4	153.1	23,300
190	37.4	146.7	22,100
195	35.3	139.8	21,000
200	33.0	132.3	19,900
205	30.7	124.2	18,900
210	28.1	115.2	18,000
215	25.3	105.1	17,000

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
240 Ft. BOOM			
38	82.8	245.9	188,100 *
40	82.3	245.7	186,300 *
42	81.8	245.4	184,600 *
44	81.3	245.1	183,000 *
46	80.8	244.7	181,400 *
48	80.4	244.4	179,900 *
50	79.9	244.0	178,000 *
55	78.6	243.1	154,100
60	77.4	242.0	135,400
65	76.2	240.8	120,300
70	75.0	239.5	108,000
75	73.7	238.0	97,600
80	72.5	236.5	88,800
85	71.2	234.8	81,200
90	69.9	233.0	74,600
95	68.7	231.1	68,900
100	67.4	229.0	63,800
105	66.1	226.9	59,200
110	64.8	224.5	55,100
115	63.4	222.1	51,500
120	62.1	219.5	48,100
125	60.7	216.7	45,100
130	59.3	213.8	42,400
135	57.9	210.7	39,800
140	56.5	207.5	37,500
145	55.1	204.0	35,300
150	53.6	200.4	33,300
155	52.1	196.5	31,500
160	50.5	192.5	29,700
165	49.0	188.2	28,100
170	47.4	183.7	26,600
175	45.7	178.9	25,200
180	44.0	173.8	23,800
185	42.3	168.4	22,600
190	40.4	162.7	21,400
195	38.6	156.6	20,300
200	36.6	150.0	19,200
205	34.5	142.9	18,200
210	32.3	135.2	17,300
215	30.0	126.9	16,300
220	27.5	117.6	15,500



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**Meets
ANSI B30.5
Requirements**

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
250 Ft. BOOM			
40	82.6	255.8	178,800 *
42	82.1	255.5	177,200 *
44	81.7	255.2	175,700 *
46	81.2	254.9	174,300 *
48	80.7	254.5	172,900 *
50	80.3	254.2	170,100 *
55	79.1	253.3	153,800
60	77.9	252.2	135,100
65	76.8	251.1	120,000
70	75.6	249.8	107,600
75	74.4	248.4	97,300
80	73.2	247.0	88,500
85	72.0	245.4	80,900
90	70.8	243.7	74,300
95	69.6	241.8	68,500
100	68.3	239.9	63,400
105	67.1	237.8	58,900
110	65.8	235.6	54,800
115	64.6	233.2	51,200
120	63.3	230.8	47,800
125	62.0	228.1	44,800
130	60.7	225.4	42,000
135	59.4	222.5	39,500
140	58.0	219.4	37,200
145	56.7	216.1	35,000
150	55.3	212.7	33,000
155	53.9	209.1	31,100
160	52.4	205.3	29,400
165	51.0	201.3	27,800
170	49.5	197.1	26,300
175	47.9	192.7	24,900
180	46.3	188.0	23,500
185	44.7	183.0	22,300
190	43.1	177.8	21,100
195	41.4	172.2	20,000
200	39.6	166.3	18,900
205	37.7	160.0	17,900
210	35.8	153.2	16,900
215	33.8	146.0	16,000
220	31.6	138.1	15,200
225	29.4	129.5	14,300
230	26.9	120.0	13,600

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
260 Ft. BOOM			
40	82.9	265.8	172,600 *
42	82.4	265.6	171,100 *
44	82.0	265.3	169,800 *
46	81.5	265.0	167,100 *
48	81.1	264.7	164,300 *
50	80.7	264.3	161,600 *
55	79.5	263.4	153,300
60	78.4	262.4	134,500
65	77.3	261.3	119,500
70	76.1	260.1	107,100
75	75.0	258.8	96,700
80	73.9	257.4	87,900
85	72.7	255.9	80,300
90	71.6	254.2	73,700
95	70.4	252.5	67,900
100	69.2	250.6	62,800
105	68.0	248.6	58,300
110	66.8	246.5	54,200
115	65.6	244.3	50,500
120	64.4	241.9	47,200
125	63.2	239.4	44,200
130	61.9	236.8	41,400
135	60.7	234.0	38,800
140	59.4	231.1	36,500
145	58.1	228.0	34,300
150	56.8	224.8	32,300
155	55.5	221.4	30,500
160	54.1	217.9	28,700
165	52.7	214.1	27,100
170	51.3	210.2	25,600
175	49.9	206.0	24,200
180	48.4	201.7	22,800
185	46.9	197.1	21,600
190	45.4	192.2	20,400
195	43.8	187.1	19,300
200	42.2	181.7	18,200
205	40.5	175.9	17,200
210	38.8	169.8	16,300
215	37.0	163.3	15,300
220	35.1	156.4	14,500
225	33.1	148.9	13,700
230	31.0	140.9	12,900
235	28.8	132.1	12,100
240	26.4	122.4	11,400

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
270 Ft. BOOM			
42	82.7	275.7	154,500 *
44	82.3	275.4	153,700 *
46	81.9	275.1	152,900 *
48	81.4	274.8	151,700 *
50	81.0	274.5	150,600 *
55	79.9	273.6	144,900 *
60	78.8	272.7	134,000
65	77.8	271.6	118,900
70	76.7	270.4	106,500
75	75.6	269.2	96,100
80	74.5	267.8	87,300
85	73.4	266.3	79,700
90	72.3	264.8	73,100
95	71.1	263.1	67,300
100	70.0	261.3	62,200
105	68.9	259.4	57,700
110	67.7	257.4	53,600
115	66.6	255.2	49,900
120	65.4	253.0	46,600
125	64.2	250.6	43,600
130	63.1	248.1	40,800
135	61.9	245.5	38,300
140	60.6	242.7	35,900
145	59.4	239.8	33,700
150	58.2	236.7	31,700
155	56.9	233.5	29,900
160	55.6	230.1	28,100
165	54.3	226.6	26,500
170	53.0	222.9	25,000
175	51.7	219.0	23,600
180	50.3	214.9	22,200
185	48.9	210.6	21,000
190	47.5	206.1	19,800
195	46.0	201.3	18,700
200	44.5	196.3	17,600
205	43.0	191.0	16,600
210	41.4	185.5	15,600
215	39.7	179.6	14,700
220	38.0	173.3	13,900
225	36.3	166.6	13,000
230	34.4	159.5	12,300
235	32.5	151.8	11,500
240	30.4	143.6	10,800
245	28.2	134.6	10,100
250	25.9	124.7	9,400



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Requirements**

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
280 Ft. BOOM			
42	83.0	285.7	143,000 *
44	82.6	285.5	142,300 *
46	82.2	285.2	141,600 *
48	81.7	284.9	140,900 *
50	81.3	284.6	140,200 *
55	80.3	283.8	137,300 *
60	79.2	282.8	131,700 *
65	78.2	281.8	118,400
70	77.2	280.7	105,900
75	76.1	279.5	95,500
80	75.0	278.2	86,700
85	74.0	276.8	79,100
90	72.9	275.3	72,500
95	71.8	273.7	66,700
100	70.8	271.9	61,600
105	69.7	270.1	57,000
110	68.6	268.2	53,000
115	67.5	266.1	49,300
120	66.4	264.0	45,900
125	65.2	261.7	42,900
130	64.1	259.3	40,100
135	62.9	256.8	37,600
140	61.8	254.1	35,200
145	60.6	251.4	33,100
150	59.4	248.4	31,100
155	58.2	245.4	29,200
160	57.0	242.2	27,500
165	55.8	238.8	25,800
170	54.5	235.3	24,300
175	53.3	231.6	22,900
180	52.0	227.8	21,600
185	50.7	223.7	20,300
190	49.3	219.5	19,100
195	47.9	215.1	18,000
200	46.5	210.4	16,900
205	45.1	205.5	15,900
210	43.6	200.3	14,900
215	42.1	194.9	14,000
220	40.6	189.2	13,200
225	39.0	183.1	12,300
230	37.3	176.7	11,600
235	35.6	169.8	10,800
240	33.8	162.5	10,100
245	31.9	154.7	9,400
250	29.8	146.2	8,700
255	27.7	137.0	8,100
260	25.4	126.9	7,500

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
290 Ft. BOOM			
44	82.8	295.6	132,600 *
46	82.4	295.3	131,900 *
48	82.0	295.0	131,300 *
50	81.6	294.7	130,600 *
55	80.6	293.9	128,900 *
60	79.6	293.0	125,000 *
65	78.6	292.0	118,000
70	77.6	291.0	105,500
75	76.6	289.8	95,100
80	75.6	288.5	86,300
85	74.6	287.2	78,700
90	73.5	285.7	72,100
95	72.5	284.2	66,300
100	71.4	282.5	61,200
105	70.4	280.8	56,700
110	69.3	278.9	52,600
115	68.3	276.9	48,900
120	67.2	274.9	45,600
125	66.1	272.7	42,500
130	65.1	270.4	39,800
135	64.0	268.0	37,200
140	62.8	265.5	34,900
145	61.7	262.8	32,700
150	60.6	260.0	30,700
155	59.5	257.1	28,800
160	58.3	254.1	27,100
165	57.1	250.9	25,500
170	55.9	247.5	23,900
175	54.7	244.0	22,500
180	53.5	240.4	21,200
185	52.3	236.6	19,900
190	51.0	232.6	18,700
195	49.7	228.4	17,600
200	48.4	224.0	16,500
205	47.1	219.4	15,500
210	45.7	214.6	14,600
215	44.3	209.6	13,700
220	42.8	204.3	12,800
225	41.4	198.7	12,000
230	39.8	192.8	11,200
235	38.3	186.6	10,400
240	36.6	180.0	9,700
245	34.9	173.0	9,000
250	33.2	165.5	8,400
255	31.3	157.5	7,700
260	29.3	148.9	7,100
265	27.2	139.5	6,300 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
300 Ft. BOOM			
46	82.7	305.4	119,900 *
48	82.3	305.1	119,200 *
50	81.9	304.8	118,500 *
55	80.9	304.1	115,700 *
60	80.0	303.2	111,300 *
65	79.0	302.2	107,400 *
70	78.0	301.2	103,800 *
75	77.0	300.1	94,500
80	76.1	298.9	85,700
85	75.1	297.6	78,100
90	74.1	296.2	71,500
95	73.1	294.7	65,700
100	72.1	293.1	60,500
105	71.1	291.4	56,000
110	70.1	289.6	51,900
115	69.0	287.7	48,200
120	68.0	285.7	44,900
125	67.0	283.6	41,800
130	65.9	281.4	39,000
135	64.9	279.1	36,500
140	63.8	276.7	34,100
145	62.8	274.1	32,000
150	61.7	271.5	30,000
155	60.6	268.7	28,100
160	59.5	265.8	26,400
165	58.4	262.7	24,700
170	57.2	259.5	23,200
175	56.1	256.2	21,800
180	54.9	252.7	20,400
185	53.7	249.1	19,200
190	52.5	245.3	18,000
195	51.3	241.4	16,900
200	50.1	237.3	15,800
205	48.8	232.9	14,800
210	47.5	228.4	13,800
215	46.2	223.7	12,900
220	44.9	218.8	12,000
225	43.5	213.6	11,200
230	42.1	208.1	10,400
235	40.6	202.4	9,700
240	39.1	196.4	9,000
245	37.6	190.0	8,300
250	36.0	183.2	7,600
255	34.3	176.1	7,000
260	32.6	168.4	6,400
265	30.7	160.3	5,800
270	28.8	151.4	5,200
275	26.7	141.8	4,400 *



Liftcrane Boom Capacities

2250 SERIES 1

Boom No. 44 With Long Reach Top
169,200 Lb. Counterweight
Rating Over Front of Blocked Crawlers
No Travel - Limited Swing

**Meets
ANSI B30.5
Requirements**

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
310 Ft. BOOM			
46	82.9	315.5	108,000 *
48	82.5	315.2	107,500 *
50	82.2	314.9	105,900 *
55	81.2	314.2	101,600 *
60	80.3	313.4	97,800 *
65	79.4	312.4	94,300 *
70	78.4	311.4	91,200 *
75	77.5	310.3	88,300 *
80	76.5	309.2	85,100
85	75.6	307.9	77,500
90	74.6	306.5	70,900
95	73.7	305.1	65,100
100	72.7	303.6	59,900
105	71.7	301.9	55,400
110	70.7	300.2	51,300
115	69.8	298.4	47,600
120	68.8	296.5	44,200
125	67.8	294.5	41,200
130	66.8	292.3	38,400
135	65.8	290.1	35,900
140	64.7	287.8	33,500
145	63.7	285.3	31,300
150	62.7	282.8	29,300
155	61.6	280.1	27,500
160	60.6	277.3	25,700
165	59.5	274.4	24,100
170	58.4	271.4	22,600
175	57.3	268.2	21,100
180	56.2	264.9	19,800
185	55.1	261.5	18,500
190	53.9	257.9	17,300
195	52.8	254.1	16,200
200	51.6	250.2	15,100
205	50.4	246.1	14,100
210	49.2	241.9	13,200
215	48.0	237.4	12,300
220	46.7	232.8	11,400
225	45.4	227.9	10,600
230	44.1	222.8	9,800
235	42.8	217.5	9,000
240	41.4	211.9	8,300
245	39.9	206.0	7,600
250	38.5	199.9	7,000
255	37.0	193.3	6,300
260	35.4	186.4	5,700
265	33.7	179.1	5,100
270	32.0	171.3	4,600

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
320 Ft. BOOM			
48	82.8	325.3	99,700 *
50	82.4	325.0	98,100 *
55	81.5	324.3	94,500 *
60	80.6	323.5	90,500 *
65	79.7	322.6	86,900 *
70	78.8	321.6	83,600 *
75	77.9	320.6	80,700 *
80	77.0	319.5	77,900 *
85	76.0	318.2	75,300 *
90	75.1	316.9	70,500
95	74.2	315.5	64,600
100	73.2	314.0	59,500
105	72.3	312.5	54,900
110	71.4	310.8	50,800
115	70.4	309.1	47,100
120	69.5	307.2	43,800
125	68.5	305.3	40,700
130	67.5	303.2	38,000
135	66.6	301.1	35,400
140	65.6	298.8	33,100
145	64.6	296.5	30,900
150	63.6	294.0	28,900
155	62.6	291.5	27,000
160	61.6	288.8	25,300
165	60.5	286.0	23,600
170	59.5	283.1	22,100
175	58.5	280.1	20,700
180	57.4	276.9	19,300
185	56.3	273.6	18,100
190	55.2	270.2	16,900
195	54.1	266.6	15,700
200	53.0	262.9	14,700
205	51.9	259.0	13,700
210	50.7	255.0	12,700
215	49.6	250.8	11,800
220	48.4	246.4	10,900
225	47.2	241.8	10,100
230	45.9	237.0	9,300
235	44.7	232.0	8,500
240	43.4	226.8	7,800
245	42.0	221.4	7,100
250	40.7	215.6	6,500
255	39.3	209.6	5,800
260	37.8	203.3	5,200
265	36.3	196.6	4,600
270	34.8	189.6	4,000 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
330 Ft. BOOM			
48	83.0	335.4	87,800 *
50	82.6	335.1	86,400 *
55	81.8	334.4	82,500 *
60	80.9	333.6	78,900 *
65	80.0	332.8	75,700 *
70	79.1	331.8	72,700 *
75	78.2	330.8	70,000 *
80	77.4	329.7	67,500 *
85	76.5	328.5	65,200 *
90	75.6	327.3	63,000 *
95	74.7	325.9	61,000 *
100	73.8	324.5	59,100 *
105	72.9	323.0	55,700
110	71.9	321.4	51,600
115	71.0	319.7	48,000
120	70.1	317.9	44,600
125	69.2	316.0	41,600
130	68.2	314.0	38,800
135	67.3	312.0	36,200
140	66.4	309.8	33,900
145	65.4	307.5	31,700
150	64.4	305.2	29,700
155	63.5	302.7	27,800
160	62.5	300.1	26,100
165	61.5	297.5	24,400
170	60.5	294.7	22,900
175	59.5	291.7	21,500
180	58.5	288.7	20,200
185	57.5	285.6	18,900
190	56.4	282.3	17,700
195	55.4	278.9	16,600
200	54.3	275.3	15,500
205	53.2	271.6	14,500
210	52.2	267.8	13,500
215	51.0	263.8	12,600
220	49.9	259.6	11,700
225	48.8	255.3	10,900
230	47.6	250.8	10,100
235	46.4	246.1	9,400
240	45.2	241.2	8,700
245	43.9	236.1	8,000
250	42.7	230.7	7,300
255	41.4	225.1	6,700
260	40.0	219.3	6,100
265	38.7	213.1	5,500
270	37.2	206.7	4,900
275	35.8	199.9	4,400