



Liftcrane Boom Capacities

Meets
ANSI B30.5
Requirements

888 RINGER

Boom No. 67B, 120 ft. Mast No. 49A
No Jib Installed
45 ft. RINGER Attachment on Screw Jack Pedestals
1,395,100 Lb. Auxiliary Counterweight
360 Degree Rating

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. Capacities based on structural competence are denoted by an asterisk (*).

Upper boom point capacity for liftcrane service with single part whip line is 32,300 Lbs. or 64,600 Lbs. with two part whip line. When boom butt mounted auxiliary drum is used, capacity with single part 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.

Weight of all load blocks, hooks, slings, hoist lines, etc., beneath boom 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 roller path level within a tolerance of 15/16 in. in 45 ft. and properly supported. Refer to boom rigging **No. 177811** and

Wire Rope Specification chart **No. 7925-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 45 ft. RINGER attachment, 28 ft. 2 in. extendible crawlers, 48 in. treads, 10 ft 3 in. retractable gantry, 30 ft. live mast, 120 ft. No. 49A mast, 16 part boom hoist reeving, boom support straps, and 1,395,100 Lb. auxiliary counterweight.

Maximum Boom Length Lifted Unassisted
400 ft. With Jib Backstay Straps Stowed On Boom
425 ft. With Jib Backstay Straps Removed
Load block, hook, and weight ball on ground at start.

Deduct
Deduct 10,000 Lbs. from capacities when jib backstay straps are stowed on boom.

Warning: Check amount of auxiliary counterweight on machine before using this chart.



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Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
125 Ft. BOOM			
40	82.6	132.0	1,322,800 *
45	80.2	131.2	1,215,500 *
50	77.9	130.1	1,126,800 *
55	75.5	128.8	1,049,700 *
60	73.1	127.3	982,100 *
65	70.7	125.5	922,400 *
70	68.2	123.5	869,200 *
75	65.7	121.3	821,500 *
80	63.2	118.8	778,500 *
85	60.5	115.9	739,500 *
90	57.8	112.8	693,100
95	55.0	109.3	639,600 *
100	52.2	105.5	587,100 *
105	49.1	101.2	540,000 *
110	46.0	96.4	497,500 *
115	42.6	91.1	458,500 *
120	39.0	85.0	422,300 *
125	35.1	78.1	388,200 *
130	30.7	70.0	355,400 *
135	25.7	60.2	322,900 *
140	19.4	47.4	288,600 *
150 Ft. BOOM			
45	81.9	156.5	1,200,000 *
50	79.9	155.6	1,117,300 *
55	78.0	154.6	1,040,600 *
60	76.0	153.3	973,300 *
65	74.0	151.9	913,900 *
70	72.0	150.3	861,000 *
75	70.0	148.5	813,600 *
80	67.9	146.4	770,900 *
85	65.9	144.2	732,200 *
90	63.7	141.7	690,300
95	61.6	139.0	641,300
100	59.3	136.1	598,500
105	57.1	132.9	560,600
110	54.7	129.3	527,000
115	52.3	125.5	496,900

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
150 Ft. BOOM			
120	49.8	121.3	469,900
125	47.2	116.7	445,400
130	44.5	111.7	421,600 *
135	41.7	106.2	393,700 *
140	38.7	100.0	367,400 *
145	35.4	93.2	342,400 *
150	31.9	85.3	318,100 *
155	27.9	76.3	294,100 *
160	23.3	65.3	269,700 *
165	17.6	51.2	243,400 *
175 Ft. BOOM			
50	81.4	181.1	1,077,500 *
55	79.7	180.1	1,031,500 *
60	78.1	179.1	964,600 *
65	76.4	177.9	905,400 *
70	74.7	176.5	852,700 *
75	73.0	175.0	805,500 *
80	71.2	173.3	763,000 *
85	69.5	171.4	724,500 *
90	67.7	169.3	687,900
95	65.9	167.1	638,800
100	64.1	164.7	595,900
105	62.3	162.1	558,000
110	60.4	159.2	524,300
115	58.5	156.2	494,200
120	56.5	152.9	467,100
125	54.5	149.3	442,600
130	52.4	145.5	420,300
135	50.3	141.4	399,900
140	48.1	136.9	381,200
145	45.9	132.1	364,100
150	43.5	126.9	348,200
155	41.0	121.2	333,500
160	38.4	115.0	318,100 *
165	35.6	108.2	299,300 *
170	32.6	100.6	281,100 *
175	29.4	91.9	263,100 *
180	25.7	82.0	245,000 *
185	21.5	70.1	226,200 *
190	16.2	54.7	205,400 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
200 Ft. BOOM			
50	82.5	206.3	952,700 *
55	81.0	205.6	951,000 *
60	79.6	204.6	938,000 *
65	78.1	203.6	896,200 *
70	76.6	202.4	843,800 *
75	75.2	201.1	796,900 *
80	73.7	199.6	754,600 *
85	72.2	198.0	716,300 *
90	70.6	196.2	681,500 *
95	69.1	194.3	635,600
100	67.6	192.3	592,700
105	66.0	190.0	554,900
110	64.4	187.6	521,200
115	62.8	185.1	491,100
120	61.2	182.3	464,000
125	59.5	179.4	439,500
130	57.8	176.3	417,200
135	56.1	172.9	396,900
140	54.3	169.3	378,200
145	52.5	165.5	361,000
150	50.7	161.4	345,200
155	48.8	157.1	330,500
160	46.8	152.4	316,900
165	44.8	147.4	304,200
170	42.7	142.1	292,300
175	40.5	136.3	281,200
180	38.2	130.0	270,800
185	35.8	123.2	260,900 *
190	33.2	115.7	247,000 *
195	30.4	107.4	233,200 *
200	27.4	98.1	219,400 *
205	24.0	87.3	205,300 *
210	20.0	74.5	190,500 *
215	15.1	57.9	173,800 *



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Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
225 Ft. BOOM			
55	82.0	230.9	826,600 *
60	80.7	230.1	816,300 *
65	79.5	229.1	806,100 *
70	78.2	228.1	795,900 *
75	76.8	226.9	785,900 *
80	75.5	225.6	746,900 *
85	74.2	224.2	708,800 *
90	72.9	222.7	674,100 *
95	71.5	221.0	633,000 *
100	70.2	219.2	590,100 *
105	68.8	217.2	552,200 *
110	67.4	215.2	518,500 *
115	66.0	212.9	488,400 *
120	64.6	210.6	461,300 *
125	63.2	208.1	436,800 *
130	61.8	205.4	414,500 *
135	60.3	202.5	394,100 *
140	58.8	199.5	375,500 *
145	57.3	196.3	358,300 *
150	55.8	192.9	342,400 *
155	54.2	189.3	327,700 *
160	52.6	185.5	314,100 *
165	51.0	181.5	301,400 *
170	49.3	177.2	289,500 *
175	47.6	172.7	278,500 *
180	45.8	167.8	268,000 *
185	44.0	162.7	258,300 *
190	42.1	157.2	249,000 *
195	40.1	151.3	240,400 *
200	38.1	145.0	232,100 *
205	35.9	138.2	224,400 *
210	33.6	130.8	216,400 *
215	31.2	122.8	205,700 *
220	28.6	113.8	194,900 *
225	25.8	103.8	184,000 *
230	22.6	92.3	172,700 *
235	18.8	78.6	160,700 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
250 Ft. BOOM			
55	82.8	256.1	720,000 *
60	81.7	255.4	713,400 *
65	80.5	254.6	705,400 *
70	79.4	253.6	697,400 *
75	78.2	252.6	689,400 *
80	77.0	251.4	681,400 *
85	75.8	250.2	673,500 *
90	74.6	248.8	664,800 *
95	73.4	247.3	656,500 *
100	72.2	245.7	648,400 *
105	71.0	244.0	641,800 *
110	69.8	242.1	634,200 *
115	68.6	240.2	626,500 *
120	67.3	238.1	618,200 *
125	66.1	235.9	609,700 *
130	64.8	233.5	601,400 *
135	63.5	231.0	593,000 *
140	62.2	228.4	584,400 *
145	60.9	225.6	575,200 *
150	59.6	222.7	566,300 *
155	58.3	219.6	557,600 *
160	56.9	216.4	548,800 *
165	55.5	212.9	539,800 *
170	54.1	209.3	530,600 *
175	52.6	205.5	521,300 *
180	51.2	201.5	511,800 *
185	49.7	197.3	502,100 *
190	48.1	192.8	492,200 *
195	46.6	188.1	482,100 *
200	45.0	183.2	471,800 *
205	43.3	177.9	461,300 *
210	41.6	172.3	450,600 *
215	39.8	166.4	439,700 *
220	37.9	160.0	428,500 *
225	36.0	153.2	417,000 *
230	34.0	145.9	405,200 *
235	31.8	138.0	393,100 *
240	29.5	129.4	380,700 *
245	27.1	119.9	368,000 *
250	24.4	109.2	354,000 *
255	21.4	97.0	338,800 *
260	17.8	82.4	323,400 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
275 Ft. BOOM			
60	82.4	280.7	631,300 *
65	81.4	279.9	625,100 *
70	80.3	279.1	618,800 *
75	79.3	278.1	612,400 *
80	78.2	277.1	606,000 *
85	77.1	275.9	599,500 *
90	76.1	274.7	593,000 *
95	75.0	273.3	586,700 *
100	73.9	271.9	580,600 *
105	72.8	270.4	574,600 *
110	71.7	268.7	568,800 *
115	70.6	266.9	563,000 *
120	69.5	265.1	557,200 *
125	68.4	263.1	551,400 *
130	67.3	261.0	545,600 *
135	66.1	258.8	539,800 *
140	65.0	256.4	534,000 *
145	63.8	254.0	528,200 *
150	62.6	251.4	522,400 *
155	61.4	248.7	516,600 *
160	60.2	245.8	510,800 *
165	59.0	242.8	505,000 *
170	57.8	239.7	499,200 *
175	56.6	236.4	493,400 *
180	55.3	232.9	487,600 *
185	54.0	229.3	481,800 *
190	52.7	225.5	476,000 *
195	51.4	221.5	470,200 *
200	50.0	217.4	464,400 *
205	48.6	213.0	458,600 *
210	47.2	208.4	452,800 *
215	45.8	203.5	447,000 *
220	44.3	198.4	441,200 *
225	42.7	193.1	435,400 *
230	41.2	187.4	429,600 *
235	39.5	181.4	423,800 *
240	37.8	175.0	418,000 *
245	36.1	168.2	412,200 *
250	34.3	161.0	406,400 *
255	32.3	153.2	400,600 *
260	30.3	144.8	394,800 *
265	28.1	135.7	389,000 *
270	25.8	125.6	383,200 *
275	23.2	114.3	377,400 *
280	20.3	101.4	371,600 *
285	17.0	86.1	365,800 *



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300 Ft. BOOM			
65	82.1	305.2	548,300 *
70	81.1	304.4	543,500 *
75	80.2	303.6	538,600 *
80	79.2	302.6	533,600 *
85	78.2	301.6	528,500 *
90	77.3	300.4	523,300 *
95	76.3	299.2	518,100 *
100	75.3	297.9	502,800 *
105	74.3	296.5	476,800 *
110	73.3	295.0	453,500 *
115	72.3	293.4	432,300 *
120	71.3	291.7	413,000 *
125	70.3	289.9	395,300 *
130	69.2	288.0	378,900 *
135	68.2	286.0	363,800 *
140	67.2	283.9	349,700 *
145	66.1	281.7	336,500 *
150	65.1	279.4	324,100 *
155	64.0	276.9	312,400 *
160	63.0	274.4	301,400 *
165	61.9	271.7	291,000 *
170	60.8	268.9	280,600 *
175	59.7	266.0	269,500 *
180	58.5	263.0	259,100 *
185	57.4	259.8	249,300 *
190	56.3	256.4	240,100 *
195	55.1	253.0	231,400 *
200	53.9	249.3	223,200 *
205	52.7	245.5	215,400 *
210	51.5	241.6	208,100 *
215	50.3	237.4	201,100 *
220	49.0	233.1	194,400 *
225	47.7	228.6	188,100 *
230	46.4	223.8	182,100 *
235	45.1	218.9	176,400 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
300 Ft. BOOM			
240	43.7	213.7	170,900
245	42.3	208.2	165,600
250	40.8	202.5	160,600
255	39.3	196.4	155,800
260	37.8	190.0	151,200
265	36.2	183.3	146,800
270	34.5	176.1	141,800 *
275	32.7	168.4	136,100 *
280	30.9	160.2	130,500 *
285	29.0	151.3	124,800 *
290	26.9	141.7	119,000 *
295	24.6	131.1	113,100 *
300	22.2	119.2	107,000 *
305	19.4	105.7	100,500 *
310	16.2	89.7	93,400 *
325 Ft. BOOM			
65	82.7	330.5	469,400 *
70	81.8	329.7	469,400 *
75	80.9	328.9	469,400 *
80	80.0	328.1	469,400 *
85	79.1	327.1	469,400 *
90	78.2	326.1	467,000 *
95	77.3	324.9	462,400 *
100	76.4	323.7	457,500 *
105	75.5	322.4	448,000 *
110	74.6	321.1	426,000 *
115	73.7	319.6	406,400 *
120	72.8	318.0	388,300 *
125	71.8	316.4	371,700 *
130	70.9	314.7	356,500 *
135	70.0	312.9	342,400 *
140	69.0	310.9	329,300 *
145	68.1	308.9	317,000 *
150	67.1	306.8	305,600 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
325 Ft. BOOM			
155	66.2	304.6	294,800 *
160	65.2	302.3	284,700 *
165	64.2	299.9	275,100 *
170	63.2	297.4	266,000 *
175	62.2	294.7	257,300 *
180	61.2	292.0	249,100 *
185	60.2	289.1	241,200 *
190	59.2	286.2	233,600 *
195	58.1	283.1	226,400 *
200	57.1	279.8	219,400 *
205	56.0	276.5	212,600
210	55.0	273.0	205,300
215	53.9	269.3	198,300
220	52.8	265.5	191,700
225	51.6	261.6	185,300
230	50.5	257.5	179,300
235	49.3	253.2	173,600
240	48.2	248.7	168,100
245	47.0	244.1	162,900
250	45.7	239.2	157,900
255	44.5	234.2	153,000
260	43.2	228.9	148,400
265	41.9	223.3	144,000
270	40.5	217.5	139,800
275	39.1	211.4	135,700
280	37.7	205.0	131,400 *
285	36.2	198.3	126,700 *
290	34.7	191.1	122,100 *
295	33.1	183.5	117,400 *
300	31.4	175.5	112,700 *
305	29.6	166.8	108,000 *
310	27.8	157.5	103,200 *
315	25.8	147.4	98,300 *
320	23.6	136.3	93,300 *
325	21.3	123.9	88,100 *
330	18.6	109.8	82,500 *
335	15.6	93.0	76,300 *



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350 Ft. BOOM			
70	82.4	355.0	391,000 *
75	81.6	354.3	391,000 *
80	80.8	353.5	391,000 *
85	79.9	352.6	391,000 *
90	79.1	351.6	391,000 *
95	78.3	350.6	391,000 *
100	77.4	349.4	391,000 *
105	76.6	348.2	391,000 *
110	75.7	347.0	390,500 *
115	74.9	345.6	381,900 *
120	74.0	344.2	364,800 *
125	73.2	342.7	349,100 *
130	72.3	341.1	334,700 *
135	71.5	339.4	321,400 *
140	70.6	337.6	309,100 *
145	69.7	335.8	297,600 *
150	68.8	333.9	286,900 *
155	68.0	331.8	276,800 *
160	67.1	329.7	267,300 *
165	66.2	327.5	258,400 *
170	65.3	325.2	249,900 *
175	64.4	322.8	241,900 *
180	63.5	320.3	234,300 *
185	62.5	317.7	227,000 *
190	61.6	315.0	220,100 *
195	60.7	312.2	213,400 *
200	59.7	309.3	207,000 *
205	58.8	306.3	200,800 *
210	57.8	303.1	194,900 *
215	56.8	299.9	189,100 *
220	55.8	296.5	183,600 *
225	54.8	293.0	178,200 *
230	53.8	289.3	173,000 *
235	52.8	285.5	168,000 *
240	51.7	281.6	163,100 *
245	50.7	277.5	158,300 *
250	49.6	273.3	153,600 *
255	48.5	268.9	149,000 *
260	47.4	264.3	144,600 *
265	46.3	259.5	140,200 *
270	45.1	254.6	135,900 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
350 Ft. BOOM			
275	44.0	249.4	131,700 *
280	42.8	244.1	127,500 *
285	41.5	238.5	123,400 *
290	40.3	232.6	119,400 *
295	39.0	226.5	115,400 *
300	37.6	220.0	111,400 *
305	36.3	213.3	107,400 *
310	34.8	206.2	103,500 *
315	33.4	198.6	99,600 *
320	31.8	190.7	95,600 *
325	30.2	182.2	91,600 *
330	28.5	173.2	87,600 *
335	26.7	163.5	83,500 *
340	24.8	152.9	79,400 *
345	22.7	141.3	75,000 *
350	20.5	128.4	70,500 *
355	17.9	113.7	65,600 *
375 Ft. BOOM			
70	82.9	380.2	328,200 *
75	82.2	379.5	328,200 *
80	81.4	378.8	328,200 *
85	80.6	378.0	328,200 *
90	79.8	377.1	328,200 *
95	79.1	376.1	328,200 *
100	78.3	375.1	328,200 *
105	77.5	373.9	328,200 *
110	76.7	372.8	328,200 *
115	75.9	371.5	328,200 *
120	75.1	370.2	328,200 *
125	74.3	368.8	328,200 *
130	73.5	367.3	315,000 *
135	72.7	365.7	302,300 *
140	71.9	364.1	290,600 *
145	71.1	362.4	279,700 *
150	70.3	360.6	269,600 *
155	69.5	358.7	260,000 *
160	68.7	356.8	251,100 *
165	67.9	354.8	242,700 *
170	67.0	352.6	234,700 *
175	66.2	350.4	227,200 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
375 Ft. BOOM			
180	65.4	348.1	220,000 *
185	64.5	345.8	213,200 *
190	63.7	343.3	206,700 *
195	62.8	340.7	200,500 *
200	61.9	338.1	194,500 *
205	61.1	335.3	188,800 *
210	60.2	332.4	183,300 *
215	59.3	329.5	178,000 *
220	58.4	326.4	172,900 *
225	57.5	323.2	167,900 *
230	56.6	319.9	163,100 *
235	55.6	316.5	158,500 *
240	54.7	313.0	154,000 *
245	53.8	309.3	149,600 *
250	52.8	305.5	145,400 *
255	51.8	301.6	141,200 *
260	50.9	297.6	137,200 *
265	49.9	293.4	133,200 *
270	48.8	289.0	129,300 *
275	47.8	284.5	125,500 *
280	46.8	279.8	121,800 *
285	45.7	275.0	118,100 *
290	44.6	269.9	114,500 *
295	43.5	264.7	111,000 *
300	42.4	259.2	107,500 *
305	41.2	253.5	104,000 *
310	40.0	247.6	100,600 *
315	38.8	241.5	97,200 *
320	37.6	235.0	93,800 *
325	36.3	228.3	90,400 *
330	35.0	221.2	87,100 *
335	33.6	213.7	83,700 *
340	32.2	205.9	80,400 *
345	30.7	197.6	77,000 *
350	29.2	188.8	73,600 *
355	27.5	179.3	70,100 *
360	25.8	169.2	66,600 *
365	23.9	158.2	62,900 *
370	22.0	146.1	59,200 *
375	19.8	132.7	55,200 *
380	17.3	117.5	50,900 *



Liftcrane Boom Capacities

Boom No. 67B, 120 ft. Mast No. 49A
 No Jib Installed
 45 ft. RINGER Attachment on Screw Jack Pedestals
 1,395,100 Lb. Auxiliary Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

888 RINGER

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
400 Ft. BOOM			
75	82.7	404.8	277,800 *
80	81.9	404.1	277,800 *
85	81.2	403.3	277,800 *
90	80.5	402.5	277,800 *
95	79.7	401.6	277,800 *
100	79.0	400.6	277,800 *
105	78.3	399.5	277,800 *
110	77.6	398.4	277,800 *
115	76.8	397.3	277,800 *
120	76.1	396.0	277,800 *
125	75.3	394.7	277,800 *
130	74.6	393.3	277,800 *
135	73.9	391.9	277,800 *
140	73.1	390.4	272,900 *
145	72.4	388.8	262,500 *
150	71.6	387.1	252,800 *
155	70.8	385.4	243,700 *
160	70.1	383.6	235,100 *
165	69.3	381.7	227,100 *
170	68.5	379.7	219,600 *
175	67.8	377.7	212,400 *
180	67.0	375.6	205,600 *
185	66.2	373.3	199,200 *
190	65.4	371.1	193,000 *
195	64.6	368.7	187,200 *
200	63.8	366.2	181,600 *
205	63.0	363.7	176,200 *
210	62.2	361.1	171,000 *
215	61.4	358.3	166,100 *
220	60.6	355.5	161,300 *
225	59.8	352.6	156,700 *
230	58.9	349.6	152,200 *
235	58.1	346.5	147,900 *
240	57.2	343.3	143,700 *
245	56.4	340.0	139,600 *
250	55.5	336.5	135,700 *
255	54.6	333.0	131,900 *
260	53.7	329.3	128,100 *
265	52.8	325.5	124,500 *
270	51.9	321.6	120,900 *
275	51.0	317.6	117,500 *
280	50.1	313.4	114,000 *
285	49.1	309.1	110,700 *
290	48.2	304.6	107,400 *
295	47.2	300.0	104,200 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
400 Ft. BOOM			
300	46.2	295.3	101,100 *
305	45.2	290.3	97,900 *
310	44.2	285.2	94,900 *
315	43.1	279.9	91,800 *
320	42.1	274.4	88,900 *
325	41.0	268.6	85,900 *
330	39.8	262.7	83,000 *
335	38.7	256.5	80,000 *
340	37.5	250.0	77,100 *
345	36.3	243.3	74,300 *
350	35.1	236.2	71,400 *
355	33.8	228.8	68,500 *
360	32.5	221.1	65,600 *
365	31.1	212.9	62,700 *
370	29.7	204.2	59,800 *
375	28.2	195.0	56,800 *
380	26.6	185.2	53,800 *
385	24.9	174.7	50,700 *
390	23.2	163.3	47,500 *
395	21.2	150.8	44,200 *
400	19.1	136.9	40,600 *
405	16.7	121.1	36,900 *
425 Ft. BOOM			
80	82.4	429.3	232,700 *
85	81.7	428.6	232,700 *
90	81.0	427.8	232,700 *
95	80.4	427.0	232,700 *
100	79.7	426.1	232,700 *
105	79.0	425.1	232,700 *
110	78.3	424.0	232,700 *
115	77.6	422.9	232,700 *
120	76.9	421.8	232,700 *
125	76.2	420.6	232,700 *
130	75.5	419.3	232,700 *
135	74.8	417.9	232,700 *
140	74.1	416.5	232,700 *
145	73.4	415.0	229,600 *
150	72.7	413.4	225,100 *
155	72.0	411.8	220,400 *
160	71.3	410.1	215,600 *
165	70.6	408.4	210,800 *
170	69.9	406.5	205,600 *
175	69.1	404.6	198,700 *
180	68.4	402.6	192,300 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
425 Ft. BOOM			
185	67.7	400.6	186,200 *
190	67.0	398.5	180,300 *
195	66.2	396.3	174,700 *
200	65.5	394.0	169,400 *
205	64.7	391.6	164,300 *
210	64.0	389.2	159,400 *
215	63.2	386.7	154,700 *
220	62.5	384.1	150,200 *
225	61.7	381.4	145,900 *
230	60.9	378.6	141,700 *
235	60.2	375.7	137,600 *
240	59.4	372.8	133,700 *
245	58.6	369.7	129,900 *
250	57.8	366.6	126,200 *
255	57.0	363.3	122,600 *
260	56.2	360.0	119,200 *
265	55.4	356.5	115,800 *
270	54.5	353.0	112,500 *
275	53.7	349.3	109,200 *
280	52.8	345.5	106,100 *
285	52.0	341.6	103,000 *
290	51.1	337.6	100,000 *
295	50.3	333.5	96,400 *
300	49.4	329.2	92,500 *
305	48.5	324.8	88,700 *
310	47.6	320.2	84,800 *
315	46.6	315.5	81,100 *
320	45.7	310.7	77,300 *
325	44.7	305.6	73,600 *
330	43.8	300.4	70,000 *
335	42.8	295.1	66,400 *
340	41.8	289.5	62,800 *
345	40.7	283.7	59,200 *
350	39.7	277.7	55,700 *
355	38.6	271.5	52,200 *
360	37.5	265.0	48,700 *
365	36.4	258.3	45,300 *
370	35.2	251.3	41,800 *
375	34.0	243.9	38,400 *
380	32.8	236.2	35,000 *
385	31.5	228.1	31,700 *
390	30.2	219.6	28,300 *
395	28.8	210.7	25,000 *