



# Liftcrane Boom Capacities

# 888 RINGER

Meets <b>ANSI B30.5</b> Requirements
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**Boom No. 67B, 120 ft. Mast No. 49A**  
**No Jib Installed**  
**45 ft. RINGER Attachment on Screw Jack Pedestals**  
**867,100 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 867,100 Lb. auxiliary counterweight.

<b>Maximum Boom Length Lifted Unassisted</b>
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.

<b>Deduct</b>
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
<b>125 Ft. BOOM</b>			
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	990,900
60	73.1	127.3	861,400
65	70.7	125.5	760,800
70	68.2	123.5	680,400
75	65.7	121.3	614,700
80	63.2	118.8	560,000
85	60.5	115.9	513,700
90	57.8	112.8	474,000
95	55.0	109.3	439,600
100	52.2	105.5	409,600
105	49.1	101.2	383,000
110	46.0	96.4	359,400
115	42.6	91.1	338,300
120	39.0	85.0	319,300
125	35.1	78.1	302,100
130	30.7	70.0	286,400
135	25.7	60.2	272,100
140	19.4	47.4	258,900
<b>150 Ft. BOOM</b>			
45	81.9	156.5	1,200,000 *
50	79.9	155.6	1,117,300 *
55	78.0	154.6	988,100
60	76.0	153.3	858,600
65	74.0	151.9	758,000
70	72.0	150.3	677,600
75	70.0	148.5	611,900
80	67.9	146.4	557,200
85	65.9	144.2	510,900
90	63.7	141.7	471,300
95	61.6	139.0	436,900
100	59.3	136.1	406,900
105	57.1	132.9	380,400
110	54.7	129.3	356,800
115	52.3	125.5	335,700
120	49.8	121.3	316,700
125	47.2	116.7	299,500
130	44.5	111.7	283,900
135	41.7	106.2	269,600
140	38.7	100.0	256,500
145	35.4	93.2	244,400
150	31.9	85.3	233,300
155	27.9	76.3	223,000
160	23.3	65.3	213,300
165	17.6	51.2	204,400

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
<b>175 Ft. BOOM</b>			
50	81.4	181.1	1,077,500 *
55	79.7	180.1	986,600
60	78.1	179.1	856,900
65	76.4	177.9	756,100
70	74.7	176.5	675,600
75	73.0	175.0	609,800
80	71.2	173.3	555,000
85	69.5	171.4	508,600
90	67.7	169.3	468,800
95	65.9	167.1	434,400
100	64.1	164.7	404,300
105	62.3	162.1	377,700
110	60.4	159.2	354,100
115	58.5	156.2	333,000
120	56.5	152.9	313,900
125	54.5	149.3	296,700
130	52.4	145.5	281,100
135	50.3	141.4	266,800
140	48.1	136.9	253,700
145	45.9	132.1	241,600
150	43.5	126.9	230,400
155	41.0	121.2	220,100
160	38.4	115.0	210,500
165	35.6	108.2	201,600
170	32.6	100.6	193,200
175	29.4	91.9	185,400
180	25.7	82.0	178,000
185	21.5	70.1	171,100
190	16.2	54.7	164,500
<b>200 Ft. BOOM</b>			
50	82.5	206.3	952,700 *
55	81.0	205.6	951,000 *
60	79.6	204.6	853,500
65	78.1	203.6	752,800
70	76.6	202.4	672,300
75	75.2	201.1	606,500
80	73.7	199.6	551,700
85	72.2	198.0	505,300
90	70.6	196.2	465,600
95	69.1	194.3	431,200
100	67.6	192.3	401,100
105	66.0	190.0	374,600
110	64.4	187.6	351,000
115	62.8	185.1	329,800
120	61.2	182.3	310,800
125	59.5	179.4	293,600
130	57.8	176.3	278,000
135	56.1	172.9	263,700
140	54.3	169.3	250,600
145	52.5	165.5	238,600
150	50.7	161.4	227,400

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
<b>200 Ft. BOOM</b>			
155	48.8	157.1	217,100
160	46.8	152.4	207,500
165	44.8	147.4	198,600
170	42.7	142.1	190,300
175	40.5	136.3	182,500
180	38.2	130.0	175,200
185	35.8	123.2	168,300
190	33.2	115.7	161,800
195	30.4	107.4	155,700
200	27.4	98.1	149,900
205	24.0	87.3	144,400
210	20.0	74.5	139,100
215	15.1	57.9	134,200
<b>225 Ft. BOOM</b>			
55	82.0	230.9	826,600 *
60	80.7	230.1	816,300 *
65	79.5	229.1	750,500
70	78.2	228.1	669,900
75	76.8	226.9	604,000
80	75.5	225.6	549,200
85	74.2	224.2	502,800
90	72.9	222.7	463,100
95	71.5	221.0	428,600
100	70.2	219.2	398,500
105	68.8	217.2	371,900
110	67.4	215.2	348,300
115	66.0	212.9	327,200
120	64.6	210.6	308,100
125	63.2	208.1	290,900
130	61.8	205.4	275,300
135	60.3	202.5	261,000
140	58.8	199.5	247,900
145	57.3	196.3	235,800
150	55.8	192.9	224,700
155	54.2	189.3	214,400
160	52.6	185.5	204,800
165	51.0	181.5	195,900
170	49.3	177.2	187,500
175	47.6	172.7	179,700
180	45.8	167.8	172,400
185	44.0	162.7	165,500
190	42.1	157.2	159,000
195	40.1	151.3	152,900
200	38.1	145.0	147,100
205	35.9	138.2	141,700
210	33.6	130.8	136,500
215	31.2	122.8	131,500
220	28.6	113.8	126,800
225	25.8	103.8	122,400
230	22.6	92.3	118,100
235	18.8	78.6	114,000



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**360 Degree Rating**

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
<b>250 Ft. BOOM</b>			
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	667,100
75	78.2	252.6	601,200
80	77.0	251.4	546,300
85	75.8	250.2	499,900
90	74.6	248.8	460,100
95	73.4	247.3	425,600
100	72.2	245.7	395,500
105	71.0	244.0	368,900
110	69.8	242.1	345,300
115	68.6	240.2	324,100
120	67.3	238.1	305,100
125	66.1	235.9	287,800
130	64.8	233.5	272,200
135	63.5	231.0	257,900
140	62.2	228.4	244,800
145	60.9	225.6	232,700
150	59.6	222.7	221,600
155	58.3	219.6	211,200
160	56.9	216.4	201,600
165	55.5	212.9	192,700
170	54.1	209.3	184,400
175	52.6	205.5	176,600
180	51.2	201.5	169,300
185	49.7	197.3	162,400
190	48.1	192.8	155,900
195	46.6	188.1	149,800
200	45.0	183.2	144,000
205	43.3	177.9	138,500
210	41.6	172.3	133,400
215	39.8	166.4	128,400
220	37.9	160.0	123,700
225	36.0	153.2	119,300
230	34.0	145.9	115,000
235	31.8	138.0	111,000
240	29.5	129.4	107,100
245	27.1	119.9	103,400
250	24.4	109.2	99,800
255	21.4	97.0	96,400
260	17.8	82.4	93,000

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
<b>275 Ft. BOOM</b>			
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	598,800
80	78.2	277.1	543,800
85	77.1	275.9	497,400
90	76.1	274.7	457,600
95	75.0	273.3	423,100
100	73.9	271.9	393,000
105	72.8	270.4	366,400
110	71.7	268.7	342,700
115	70.6	266.9	321,500
120	69.5	265.1	302,500
125	68.4	263.1	285,300
130	67.3	261.0	269,600
135	66.1	258.8	255,300
140	65.0	256.4	242,200
145	63.8	254.0	230,100
150	62.6	251.4	219,000
155	61.4	248.7	208,700
160	60.2	245.8	199,100
165	59.0	242.8	190,100
170	57.8	239.7	181,800
175	56.6	236.4	174,000
180	55.3	232.9	166,700
185	54.0	229.3	159,800
190	52.7	225.5	153,300
195	51.4	221.5	147,200
200	50.0	217.4	141,500
205	48.6	213.0	136,000
210	47.2	208.4	130,800
215	45.8	203.5	125,900
220	44.3	198.4	121,200
225	42.7	193.1	116,800
230	41.2	187.4	112,500
235	39.5	181.4	108,500
240	37.8	175.0	104,600
245	36.1	168.2	100,900
250	34.3	161.0	97,300
255	32.3	153.2	93,900
260	30.3	144.8	90,700
265	28.1	135.7	87,500
270	25.8	125.6	84,500
275	23.2	114.3	81,600
280	20.3	101.4	78,800
285	17.0	86.1	76,000

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
<b>300 Ft. BOOM</b>			
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	494,300
90	77.3	300.4	454,500
95	76.3	299.2	420,000
100	75.3	297.9	389,800
105	74.3	296.5	363,200
110	73.3	295.0	339,500
115	72.3	293.4	318,400
120	71.3	291.7	299,300
125	70.3	289.9	282,100
130	69.2	288.0	266,400
135	68.2	286.0	252,100
140	67.2	283.9	238,900
145	66.1	281.7	226,900
150	65.1	279.4	215,700
155	64.0	276.9	205,400
160	63.0	274.4	195,800
165	61.9	271.7	186,900
170	60.8	268.9	178,500
175	59.7	266.0	170,700
180	58.5	263.0	163,400
185	57.4	259.8	156,500
190	56.3	256.4	150,100
195	55.1	253.0	144,000
200	53.9	249.3	138,200
205	52.7	245.5	132,700
210	51.5	241.6	127,500
215	50.3	237.4	122,600
220	49.0	233.1	118,000
225	47.7	228.6	113,500
230	46.4	223.8	109,300
235	45.1	218.9	105,200
240	43.7	213.7	101,300
245	42.3	208.2	97,600
250	40.8	202.5	94,100
255	39.3	196.4	90,700
260	37.8	190.0	87,500
265	36.2	183.3	84,300
270	34.5	176.1	81,300
275	32.7	168.4	78,400
280	30.9	160.2	75,600
285	29.0	151.3	72,900
290	26.9	141.7	70,400
295	24.6	131.1	67,800
300	22.2	119.2	65,400
305	19.4	105.7	63,000
310	16.2	89.7	60,500 *



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Boom No. 67B, 120 ft. Mast No. 49A  
No Jib Installed

45 ft. RINGER Attachment on Screw Jack Pedestals  
867,100 Lb. Auxiliary Counterweight  
360 Degree Rating

Meets  
ANSI B30.5  
Requirements

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
<b>325 Ft. BOOM</b>			
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	451,800
95	77.3	324.9	417,200
100	76.4	323.7	387,000
105	75.5	322.4	360,400
110	74.6	321.1	336,700
115	73.7	319.6	315,600
120	72.8	318.0	296,500
125	71.8	316.4	279,300
130	70.9	314.7	263,600
135	70.0	312.9	249,300
140	69.0	310.9	236,100
145	68.1	308.9	224,100
150	67.1	306.8	212,900
155	66.2	304.6	202,600
160	65.2	302.3	193,000
165	64.2	299.9	184,100
170	63.2	297.4	175,700
175	62.2	294.7	167,900
180	61.2	292.0	160,600
185	60.2	289.1	153,700
190	59.2	286.2	147,300
195	58.1	283.1	141,200
200	57.1	279.8	135,400
205	56.0	276.5	129,900
210	55.0	273.0	124,700
215	53.9	269.3	119,800
220	52.8	265.5	115,200
225	51.6	261.6	110,700
230	50.5	257.5	106,500
235	49.3	253.2	102,400
240	48.2	248.7	98,600
245	47.0	244.1	94,900
250	45.7	239.2	91,300
255	44.5	234.2	88,000

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
<b>325 Ft. BOOM</b>			
260	43.2	228.9	84,700
265	41.9	223.3	81,600
270	40.5	217.5	78,600
275	39.1	211.4	75,700
280	37.7	205.0	72,900
285	36.2	198.3	70,300
290	34.7	191.1	67,700
295	33.1	183.5	65,200
300	31.4	175.5	62,600 *
305	29.6	166.8	59,900 *
310	27.8	157.5	57,200 *
315	25.8	147.4	54,600 *
320	23.6	136.3	52,100 *
325	21.3	123.9	49,600 *
330	18.6	109.8	47,200 *
335	15.6	93.0	44,900 *
<b>350 Ft. BOOM</b>			
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	383,800
105	76.6	348.2	357,200
110	75.7	347.0	333,500
115	74.9	345.6	312,300
120	74.0	344.2	293,200
125	73.2	342.7	276,000
130	72.3	341.1	260,300
135	71.5	339.4	245,900
140	70.6	337.6	232,800
145	69.7	335.8	220,700
150	68.8	333.9	209,600
155	68.0	331.8	199,300
160	67.1	329.7	189,700
165	66.2	327.5	180,700
170	65.3	325.2	172,400

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
<b>350 Ft. BOOM</b>			
175	64.4	322.8	164,600
180	63.5	320.3	157,300
185	62.5	317.7	150,400
190	61.6	315.0	143,900
195	60.7	312.2	137,800
200	59.7	309.3	132,000
205	58.8	306.3	126,600
210	57.8	303.1	121,400
215	56.8	299.9	116,500
220	55.8	296.5	111,800
225	54.8	293.0	107,400
230	53.8	289.3	103,100
235	52.8	285.5	99,100
240	51.7	281.6	95,200
245	50.7	277.5	91,500
250	49.6	273.3	88,000
255	48.5	268.9	84,600
260	47.4	264.3	81,400
265	46.3	259.5	78,300
270	45.1	254.6	75,300
275	44.0	249.4	72,400
280	42.8	244.1	69,600
285	41.5	238.5	66,900
290	40.3	232.6	64,300 *
295	39.0	226.5	61,300 *
300	37.6	220.0	58,500 *
305	36.3	213.3	55,700 *
310	34.8	206.2	53,000 *
315	33.4	198.6	50,400 *
320	31.8	190.7	47,900 *
325	30.2	182.2	45,500 *
330	28.5	173.2	43,100 *
335	26.7	163.5	40,800 *
340	24.8	152.9	38,600 *
345	22.7	141.3	36,400 *
350	20.5	128.4	34,300 *
355	17.9	113.7	32,300 *



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**45 ft. RINGER Attachment on Screw Jack Pedestals**  
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**360 Degree Rating**

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
<b>375 Ft. BOOM</b>			
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	309,300
120	75.1	370.2	290,300
125	74.3	368.8	273,000
130	73.5	367.3	257,300
135	72.7	365.7	243,000
140	71.9	364.1	229,900
145	71.1	362.4	217,800
150	70.3	360.6	206,600
155	69.5	358.7	196,300
160	68.7	356.8	186,700
165	67.9	354.8	177,700
170	67.0	352.6	169,400
175	66.2	350.4	161,600
180	65.4	348.1	154,300
185	64.5	345.8	147,400
190	63.7	343.3	140,900
195	62.8	340.7	134,800
200	61.9	338.1	129,100
205	61.1	335.3	123,600
210	60.2	332.4	118,400
215	59.3	329.5	113,500
220	58.4	326.4	108,800
225	57.5	323.2	104,400
230	56.6	319.9	100,200
235	55.6	316.5	96,100
240	54.7	313.0	92,300
245	53.8	309.3	88,600
250	52.8	305.5	85,100
255	51.8	301.6	81,700
260	50.9	297.6	78,400

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
<b>375 Ft. BOOM</b>			
265	49.9	293.4	75,300
270	48.8	289.0	72,300
275	47.8	284.5	69,500
280	46.8	279.8	66,700
285	45.7	275.0	63,700 *
290	44.6	269.9	60,600 *
295	43.5	264.7	57,700 *
300	42.4	259.2	54,800 *
305	41.2	253.5	52,000 *
310	40.0	247.6	49,400 *
315	38.8	241.5	46,800 *
320	37.6	235.0	44,300 *
325	36.3	228.3	41,800 *
330	35.0	221.2	39,500 *
335	33.6	213.7	37,200 *
340	32.2	205.9	35,000 *
345	30.7	197.6	32,900 *
350	29.2	188.8	30,800 *
355	27.5	179.3	28,800 *
360	25.8	169.2	26,800 *
<b>400 Ft. BOOM</b>			
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	269,700
130	74.6	393.3	254,000
135	73.9	391.9	239,600
140	73.1	390.4	226,500
145	72.4	388.8	214,400
150	71.6	387.1	203,200
155	70.8	385.4	192,900

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
<b>400 Ft. BOOM</b>			
160	70.1	383.6	183,300
165	69.3	381.7	174,400
170	68.5	379.7	166,000
175	67.8	377.7	158,200
180	67.0	375.6	150,900
185	66.2	373.3	144,000
190	65.4	371.1	137,500
195	64.6	368.7	131,400
200	63.8	366.2	125,700
205	63.0	363.7	120,200
210	62.2	361.1	115,000
215	61.4	358.3	110,100
220	60.6	355.5	105,400
225	59.8	352.6	101,000
230	58.9	349.6	96,800
235	58.1	346.5	92,700
240	57.2	343.3	88,900
245	56.4	340.0	85,200
250	55.5	336.5	81,700
255	54.6	333.0	78,300
260	53.7	329.3	75,000
265	52.8	325.5	71,900
270	51.9	321.6	68,900
275	51.0	317.6	65,900 *
280	50.1	313.4	62,600 *
285	49.1	309.1	59,400 *
290	48.2	304.6	56,300 *
295	47.2	300.0	53,300 *
300	46.2	295.3	50,500 *
305	45.2	290.3	47,700 *
310	44.2	285.2	45,000 *
315	43.1	279.9	42,400 *
320	42.1	274.4	39,900 *
325	41.0	268.6	37,500 *
330	39.8	262.7	35,200 *
335	38.7	256.5	32,900 *
340	37.5	250.0	30,700 *
345	36.3	243.3	28,600 *
350	35.1	236.2	26,500 *



# Liftcrane Boom Capacities

# 888 RINGER

Meets  
ANSI B30.5  
Requirements

Boom No. 67B, 120 ft. Mast No. 49A

No Jib Installed

45 ft. RINGER Attachment on Screw Jack Pedestals

867,100 Lb. Auxiliary Counterweight

360 Degree Rating

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
<b>425 Ft. BOOM</b>			
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	223,400
145	73.4	415.0	211,300
150	72.7	413.4	200,200
155	72.0	411.8	189,800
160	71.3	410.1	180,200
165	70.6	408.4	171,300
170	69.9	406.5	162,900
175	69.1	404.6	155,100
180	68.4	402.6	147,800
185	67.7	400.6	140,900
190	67.0	398.5	134,400
195	66.2	396.3	128,300
200	65.5	394.0	122,600
205	64.7	391.6	117,100
210	64.0	389.2	111,900

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
<b>425 Ft. BOOM</b>			
215	63.2	386.7	107,000
220	62.5	384.1	102,400
225	61.7	381.4	97,900
230	60.9	378.6	93,700
235	60.2	375.7	89,700
240	59.4	372.8	85,800
245	58.6	369.7	82,100
250	57.8	366.6	78,600
255	57.0	363.3	75,200
260	56.2	360.0	72,000
265	55.4	356.5	68,900
270	54.5	353.0	65,500 *
275	53.7	349.3	62,100 *
280	52.8	345.5	58,800 *
285	52.0	341.6	55,600 *
290	51.1	337.6	52,500 *
295	50.3	333.5	49,500 *
300	49.4	329.2	46,600 *
305	48.5	324.8	43,900 *
310	47.6	320.2	41,200 *
315	46.6	315.5	38,600 *
320	45.7	310.7	36,100 *
325	44.7	305.6	33,700 *
330	43.8	300.4	31,300 *
335	42.8	295.1	29,100 *
340	41.8	289.5	26,900 *