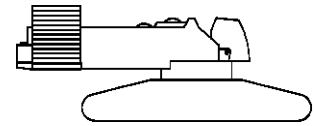


Liftcrane Boom Capacities

18000

Boom No. 55-79A with 100 ft Mast No. 56
456,000 lb Crane Counterweight
232,000 lb Carbody Counterweight
360 Degree Rating

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

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 in a level position on a firm uniformly supporting surface with mast up. Refer to boom rigging No. A05379, Wire Rope Specification chart No. 8514-A or 8514-B and Counterweight Arrangement chart No. 8577-A. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface and boom within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart No. 8517-A.

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 38 ft 9 in. crawlers, 60 in. treads, 30 ft live mast, 100 ft mast, 16 part boom hoist reeving, boom support straps, 456,000 lb crane counterweight and 232,000 lb carbody counterweight.

Maximum Boom Length Lifted Unassisted	
Over End of Blocked Crawlers	Over Side of Crawlers
Boom Length	Boom Length
380 ft	360 ft
Load block, hook and weight ball on ground at start.	

Upper Boom Point Deduct
Deduct 600 lbs from capacities when upper boom point No. A08516 is attached.

Boom Catwalks Deduct
Deduct 800 lbs from capacities when boom catwalks are attached.

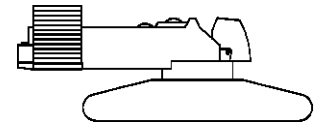
Upper Boom Point Capacity For Liftcrane Service - Whip Line		
28 mm		32 mm
Drum 2	Drum 3	Drum 2
Single Part Line		
35,800 lb	30,000 lb	48,800 lb
Two Part Line		
Upper Boom Point No. 170419		
60,000 lb	60,000 lb	60,000 lb
Upper Boom Point No. A08516		
71,600 lb	60,000 lb	97,600 lb
In all cases, upper boom point capacities cannot exceed those listed for main boom capacity.		

Liftcrane Boom Capacities

18000

Boom No. 55-79A with 100 ft Mast No. 56
456,000 lb Crane Counterweight
232,000 lb Carbody Counterweight
360 Degree Rating

**Meets
ANSI B30.5
Requirements**



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
120 ft Boom			
26	82.2	129.6	1,000,000 *
28	81.3	129.2	1,000,000 *
30	80.3	128.8	973,600 *
32	79.3	128.4	914,000 *
34	78.3	127.9	861,000 *
36	77.3	127.4	813,600 *
38	76.3	126.8	770,900 *
40	75.4	126.2	729,800 *
45	72.8	124.6	639,800 *
50	70.3	122.7	568,600 *
55	67.7	120.6	510,800 *
60	65.0	118.1	462,800
65	62.3	115.4	412,600
70	59.5	112.3	371,500
75	56.6	108.9	337,100
80	53.7	105.2	307,900
85	50.5	100.9	282,900
90	47.2	96.2	261,100
95	43.8	90.9	242,100
100	40.0	84.8	225,200
105	35.9	77.9	210,100
110	31.3	69.7	196,600
115	26.0	59.6	184,400
120	19.0	46.0	173,200

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
140 ft Boom			
28	82.5	149.5	1,000,000 *
30	81.7	149.2	970,400 *
32	80.9	148.8	910,900 *
34	80.0	148.4	857,900 *
36	79.2	148.0	810,600 *
38	78.3	147.5	767,900 *
40	77.5	147.0	727,400 *
45	75.4	145.6	637,500 *
50	73.2	144.0	566,300 *
55	71.1	142.2	508,600 *
60	68.9	140.2	460,800 *
65	66.6	137.9	411,700
70	64.3	135.4	370,500
75	62.0	132.7	336,100
80	59.6	129.7	306,900
85	57.1	126.3	281,800
90	54.6	122.7	260,100
95	52.0	118.7	241,000
100	49.3	114.3	224,100
105	46.4	109.5	209,100
110	43.4	104.1	195,600
115	40.2	98.1	183,500
120	36.8	91.3	172,500
125	33.0	83.6	162,400
130	28.8	74.6	153,200
135	23.8	63.5	144,700
140	17.5	48.7	136,700

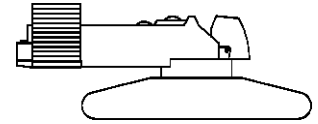
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
160 ft Boom			
30	82.7	169.5	939,300 *
32	82.0	169.1	906,900 *
34	81.3	168.8	854,100 *
36	80.6	168.4	806,800 *
38	79.8	168.0	764,200 *
40	79.1	167.6	724,200 *
45	77.3	166.4	634,300 *
50	75.4	165.0	563,200 *
55	73.5	163.4	505,500 *
60	71.6	161.7	457,700 *
65	69.7	159.8	409,900
70	67.8	157.6	368,600
75	65.8	155.3	334,100
80	63.8	152.8	304,900
85	61.7	150.0	279,800
90	59.6	147.0	258,000
95	57.5	143.7	239,000
100	55.3	140.2	222,100
105	53.1	136.4	207,100
110	50.7	132.2	193,600
115	48.3	127.7	181,400
120	45.8	122.7	170,400
125	43.2	117.3	160,400
130	40.4	111.3	151,200
135	37.4	104.8	142,800
140	34.2	97.4	135,000
145	30.7	89.0	127,800
150	26.8	79.2	121,100
155	22.2	67.2	114,800
160	16.2	51.3	108,900

Liftcrane Boom Capacities

18000

Boom No. 55-79A with 100 ft Mast No. 56
456,000 lb Crane Counterweight
232,000 lb Carbody Counterweight
360 Degree Rating

**Meets
ANSI B30.5
Requirements**



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
180 ft Boom			
32	82.9	189.4	820,700 *
34	82.3	189.1	820,700 *
36	81.6	188.7	805,300 *
38	81.0	188.4	762,700 *
40	80.3	188.0	723,200 *
45	78.7	186.9	633,300 *
50	77.1	185.7	562,100 *
55	75.4	184.4	504,400 *
60	73.7	182.8	456,700 *
65	72.1	181.1	409,900
70	70.4	179.3	368,500
75	68.7	177.3	334,000
80	66.9	175.1	304,700
85	65.2	172.7	279,500
90	63.4	170.1	257,700
95	61.5	167.3	238,600
100	59.7	164.3	221,700
105	57.8	161.1	206,600
110	55.9	157.6	193,100
115	53.9	153.9	181,000
120	51.8	149.9	169,900
125	49.7	145.6	159,900
130	47.6	141.0	150,700
135	45.3	135.9	142,300
140	43.0	130.5	134,500
145	40.5	124.6	127,300
150	37.9	118.1	120,700
155	35.1	111.0	114,500
160	32.1	103.0	108,700
165	28.8	94.0	103,200
170	25.1	83.5	98,100
175	20.8	70.7	93,200
180	15.2	53.8	88,600

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
200 ft Boom			
36	82.5	209.0	754,200 *
38	81.9	208.7	754,200 *
40	81.3	208.3	723,000 *
45	79.8	207.4	633,100 *
50	78.4	206.3	562,000 *
55	76.9	205.1	504,300 *
60	75.4	203.7	456,500 *
65	73.9	202.2	410,700
70	72.4	200.6	369,200
75	70.9	198.8	334,600
80	69.4	196.8	305,300
85	67.8	194.7	280,100
90	66.2	192.5	258,200
95	64.6	190.0	239,000
100	63.0	187.4	222,100
105	61.4	184.6	207,000
110	59.7	181.6	193,500
115	58.0	178.5	181,400
120	56.3	175.1	170,300
125	54.5	171.4	160,300
130	52.7	167.6	151,100
135	50.9	163.4	142,700
140	48.9	159.0	134,900
145	47.0	154.3	127,800
150	44.9	149.2	121,100
155	42.8	143.7	114,900
160	40.6	137.9	109,100
165	38.3	131.5	103,700
170	35.8	124.5	98,600
175	33.2	116.8	93,900
180	30.4	108.3	89,300
185	27.3	98.7	85,100
190	23.8	87.5	81,000
195	19.6	74.0	77,200

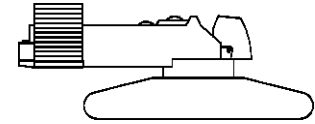
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
220 ft Boom			
38	82.6	228.9	683,200 *
40	82.1	228.6	683,200 *
45	80.8	227.7	631,400 *
50	79.5	226.8	560,300 *
55	78.1	225.7	502,600 *
60	76.8	224.4	454,800 *
65	75.4	223.1	409,900
70	74.1	221.6	368,400
75	72.7	220.0	333,700
80	71.3	218.2	304,300
85	69.9	216.4	279,100
90	68.5	214.3	257,200
95	67.1	212.2	238,000
100	65.7	209.9	221,000
105	64.2	207.4	205,900
110	62.8	204.7	192,400
115	61.3	201.9	180,200
120	59.7	199.0	169,200
125	58.2	195.8	159,100
130	56.6	192.5	149,900
135	55.0	188.9	141,500
140	53.4	185.1	133,700
145	51.7	181.1	126,500
150	50.0	176.9	119,900
155	48.3	172.4	113,700
160	46.5	167.6	107,900
165	44.6	162.4	102,500
170	42.7	157.0	97,400
175	40.7	151.1	92,700
180	38.6	144.8	88,200
185	36.4	137.9	84,000
190	34.0	130.5	80,000
195	31.5	122.4	76,200
200	28.9	113.3	72,600
205	25.9	103.1	69,200
210	22.6	91.3	65,900
215	18.6	77.1	62,700

Liftcrane Boom Capacities

18000

Boom No. 55-79A with 100 ft Mast No. 56
456,000 lb Crane Counterweight
232,000 lb Carbody Counterweight
360 Degree Rating

**Meets
ANSI B30.5
Requirements**



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
240 ft Boom			
40	82.8	248.9	633,700 *
45	81.6	248.1	599,800 *
50	80.3	247.1	543,900 *
55	79.1	246.1	498,400 *
60	77.9	245.0	454,000 *
65	76.7	243.8	409,900
70	75.4	242.4	368,300
75	74.2	241.0	333,500
80	72.9	239.4	304,100
85	71.7	237.7	278,800
90	70.4	235.9	256,900
95	69.1	233.9	237,600
100	67.8	231.8	220,700
105	66.5	229.6	205,600
110	65.2	227.2	192,000
115	63.9	224.7	179,800
120	62.5	222.1	168,800
125	61.2	219.3	158,700
130	59.8	216.3	149,500
135	58.4	213.2	141,100
140	56.9	209.9	133,300
145	55.5	206.4	126,100
150	54.0	202.7	119,500
155	52.5	198.8	113,300
160	50.9	194.7	107,500
165	49.3	190.3	102,100
170	47.7	185.7	97,100
175	46.1	180.8	92,300
180	44.3	175.7	87,900
185	42.6	170.2	83,600
190	40.7	164.3	79,700
195	38.8	158.1	75,900
200	36.8	151.4	72,300
205	34.7	144.1	68,900
210	32.5	136.2	65,700
215	30.1	127.7	62,600
220	27.6	118.1	59,700
225	24.7	107.4	56,800
230	21.5	95.0	54,100
235	17.8	80.1	51,500

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
260 ft Boom			
45	82.2	268.3	562,600 *
50	81.1	267.5	509,600 *
55	80.0	266.5	466,600 *
60	78.9	265.5	430,900 *
65	77.7	264.4	400,700 *
70	76.6	263.1	367,100
75	75.4	261.8	332,300
80	74.3	260.4	302,800
85	73.1	258.8	277,400
90	72.0	257.1	255,500
95	70.8	255.3	236,200
100	69.6	253.4	219,200
105	68.4	251.4	204,100
110	67.2	249.3	190,500
115	66.0	247.0	178,300
120	64.8	244.6	167,200
125	63.6	242.1	157,200
130	62.3	239.4	148,000
135	61.1	236.6	139,500
140	59.8	233.6	131,700
145	58.5	230.5	124,500
150	57.2	227.2	117,900
155	55.8	223.8	111,700
160	54.5	220.2	105,900
165	53.1	216.4	100,500
170	51.7	212.4	95,500
175	50.2	208.1	90,700
180	48.8	203.7	86,300
185	47.3	199.0	82,000
190	45.7	194.1	78,100
195	44.1	188.9	74,300
200	42.5	183.4	70,700
205	40.8	177.6	67,400
210	39.0	171.4	64,100
215	37.2	164.7	61,100
220	35.3	157.6	58,200
225	33.3	150.0	55,400
230	31.2	141.7	52,700
235	28.9	132.7	50,100
240	26.4	122.7	47,700
245	23.7	111.5	45,300
250	20.6	98.5	43,000
255	17.0	82.9	40,800

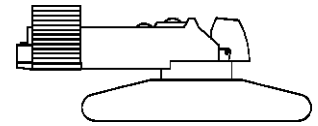
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
280 ft Boom			
45	82.8	288.5	488,000 *
50	81.7	287.8	481,200 *
55	80.7	286.9	440,100 *
60	79.7	286.0	406,100 *
65	78.6	284.9	377,400 *
70	77.6	283.8	352,800 *
75	76.5	282.5	331,400 *
80	75.5	281.2	302,100
85	74.4	279.7	276,700
90	73.3	278.2	254,700
95	72.2	276.5	235,400
100	71.2	274.8	218,400
105	70.1	272.9	203,300
110	69.0	271.0	189,700
115	67.9	268.9	177,500
120	66.7	266.7	166,400
125	65.6	264.4	156,300
130	64.5	262.0	147,100
135	63.3	259.4	138,600
140	62.2	256.7	130,900
145	61.0	253.9	123,700
150	59.8	250.9	117,000
155	58.6	247.8	110,800
160	57.4	244.6	105,000
165	56.1	241.2	99,600
170	54.9	237.6	94,600
175	53.6	233.9	89,900
180	52.3	230.0	85,400
185	51.0	225.9	81,200
190	49.6	221.6	77,200
195	48.3	217.1	73,500
200	46.9	212.4	69,900
205	45.4	207.4	66,500
210	43.9	202.1	63,300
215	42.4	196.6	60,300
220	40.8	190.8	57,400
225	39.2	184.6	54,600
230	37.5	178.1	51,900
235	35.8	171.1	49,400
240	33.9	163.7	46,900
245	32.0	155.7	44,600
250	30.0	147.0	42,400
255	27.8	137.6	40,200
260	25.4	127.1	38,100
265	22.8	115.4	36,100
270	19.8	101.9	34,100
275	16.4	85.7	32,200

Liftcrane Boom Capacities

18000

Boom No. 55-79A with 100 ft Mast No. 56
456,000 lb Crane Counterweight
232,000 lb Carbody Counterweight
360 Degree Rating

**Meets
ANSI B30.5
Requirements**



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
300 ft Boom			
50	82.3	308.0	430,500 *
55	81.3	307.2	416,100 *
60	80.4	306.3	383,400 *
65	79.4	305.3	355,800 *
70	78.4	304.3	332,200 *
75	77.4	303.1	311,800 *
80	76.4	301.9	293,800 *
85	75.5	300.5	275,200 *
90	74.5	299.1	253,100 *
95	73.5	297.6	233,800 *
100	72.5	296.0	216,700 *
105	71.5	294.2	201,600 *
110	70.4	292.4	188,000 *
115	69.4	290.5	175,700 *
120	68.4	288.5	164,600 *
125	67.3	286.4	154,500 *
130	66.3	284.1	145,300 *
135	65.2	281.8	136,800 *
140	64.2	279.3	129,100 *
145	63.1	276.7	121,900 *
150	62.0	274.0	115,200 *
155	60.9	271.2	109,000 *
160	59.8	268.3	103,200 *
165	58.7	265.2	97,800 *
170	57.6	262.0	92,700 *
175	56.4	258.6	88,000 *
180	55.2	255.1	83,500 *
185	54.1	251.4	79,300 *
190	52.9	247.6	75,400 *
195	51.6	243.6	71,600 *
200	50.4	239.4	68,100 *
205	49.1	235.0	64,700 *
210	47.8	230.4	61,500 *
215	46.5	225.7	58,400 *
220	45.1	220.6	55,500 *
225	43.8	215.4	52,700 *
230	42.3	209.9	50,100 *
235	40.9	204.0	47,600 *
240	39.4	197.9	45,100 *
245	37.8	191.4	42,800 *
250	36.2	184.6	40,600 *
255	34.5	177.3	38,400 *
260	32.7	169.5	36,400 *
265	30.9	161.1	34,400 *
270	28.9	152.1	32,500 *
275	26.8	142.2	30,600 *
280	24.5	131.4	28,800 *
285	22.0	119.2	27,100 *
290	19.1	105.2	25,400 *
295	15.8	88.3	23,700 *

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
320 ft Boom			
50	82.8	328.2	397,500 *
55	81.9	327.5	385,100 *
60	81.0	326.6	364,300 *
65	80.1	325.7	337,600 *
70	79.1	324.7	314,800 *
75	78.2	323.6	295,100 *
80	77.3	322.5	277,800 *
85	76.4	321.2	262,600 *
90	75.5	319.9	248,900 *
95	74.5	318.5	232,700 *
100	73.6	317.0	215,700 *
105	72.7	315.4	200,500 *
110	71.7	313.7	186,900 *
115	70.8	311.9	174,600 *
120	69.8	310.0	163,500 *
125	68.8	308.0	153,400 *
130	67.9	306.0	144,200 *
135	66.9	303.8	135,700 *
140	65.9	301.5	127,900 *
145	64.9	299.1	120,700 *
150	63.9	296.7	114,000 *
155	62.9	294.1	107,800 *
160	61.9	291.4	102,000 *
165	60.9	288.5	96,600 *
170	59.8	285.6	91,600 *
175	58.8	282.5	86,800 *
180	57.7	279.3	82,400 *
185	56.6	276.0	78,100 *
190	55.5	272.5	74,200 *
195	54.4	268.9	70,400 *
200	53.3	265.1	66,900 *
205	52.2	261.2	63,500 *
210	51.0	257.1	60,300 *
215	49.9	252.9	57,300 *
220	48.7	248.4	54,400 *
225	47.4	243.8	51,600 *
230	46.2	238.9	48,900 *
235	44.9	233.9	46,400 *
240	43.6	228.6	44,000 *
245	42.3	223.1	41,700 *
250	40.9	217.3	39,500 *
255	39.5	211.2	37,300 *
260	38.0	204.7	35,300 *
265	36.5	198.0	33,300 *
270	35.0	190.8	31,400 *
275	33.3	183.2	29,600 *
280	31.6	175.1	27,800 *
285	29.8	166.4	26,100 *
290	27.9	157.0	24,400 *
295	25.9	146.7	22,800 *
300	23.7	135.4	21,200 *
305	21.2	122.8	19,700 *
310	18.5	108.3	18,200 *
315	15.2	90.9	16,800 *

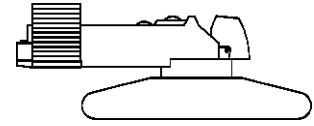
Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
340 ft Boom			
55	82.4	347.7	313,700 *
60	81.5	346.9	311,600 *
65	80.6	346.1	309,500 *
70	79.8	345.1	298,400 *
75	78.9	344.1	279,200 *
80	78.1	343.0	262,500 *
85	77.2	341.9	247,700 *
90	76.3	340.6	234,500 *
95	75.5	339.3	222,600 *
100	74.6	337.9	211,900 *
105	73.7	336.4	198,700 *
110	72.8	334.8	185,000 *
115	71.9	333.1	172,700 *
120	71.0	331.4	161,600 *
125	70.1	329.5	151,500 *
130	69.2	327.6	142,200 *
135	68.3	325.6	133,800 *
140	67.4	323.5	125,900 *
145	66.5	321.2	118,700 *
150	65.6	318.9	112,000 *
155	64.6	316.5	105,800 *
160	63.7	314.0	100,000 *
165	62.7	311.4	94,600 *
170	61.8	308.7	89,600 *
175	60.8	305.9	84,800 *
180	59.8	302.9	80,400 *
185	58.8	299.9	76,100 *
190	57.9	296.7	72,200 *
195	56.8	293.4	68,400 *
200	55.8	289.9	64,900 *
205	54.8	286.4	61,500 *
210	53.7	282.6	58,300 *
215	52.7	278.8	55,200 *
220	51.6	274.8	52,300 *
225	50.5	270.6	49,600 *
230	49.4	266.3	46,900 *
235	48.2	261.8	44,400 *
240	47.1	257.1	42,000 *
245	45.9	252.2	39,700 *
250	44.7	247.1	37,500 *
255	43.5	241.9	35,300 *
260	42.2	236.3	33,300 *
265	40.9	230.5	31,300 *
270	39.6	224.4	29,400 *
275	38.2	218.1	27,600 *
280	36.8	211.4	25,800 *
285	35.4	204.3	24,100 *
290	33.9	196.8	22,500 *
295	32.3	188.9	20,900 *
300	30.6	180.5	19,400 *
305	28.9	171.4	17,900 *
310	27.0	161.7	16,400 *
315	25.1	151.1	15,000 *

Liftcrane Boom Capacities

18000

Boom No. 55-79A with 100 ft Mast No. 56
456,000 lb Crane Counterweight
232,000 lb Carbody Counterweight
360 Degree Rating

**Meets
ANSI B30.5
Requirements**



Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
360 ft Boom			
55	82.8	367.9	298,700 *
60	82.0	367.2	298,300 *
65	81.2	366.4	295,800 *
70	80.4	365.5	282,800 *
75	79.6	364.5	265,300 *
80	78.7	363.5	249,000 *
85	77.9	362.4	234,600 *
90	77.1	361.2	221,800 *
95	76.3	360.0	210,300 *
100	75.5	358.6	199,900 *
105	74.6	357.2	190,400 *
110	73.8	355.7	181,800 *
115	73.0	354.2	171,100
120	72.1	352.5	160,000
125	71.3	350.8	149,900
130	70.5	349.0	140,600
135	69.6	347.1	132,100
140	68.7	345.1	124,300
145	67.9	343.1	117,100
150	67.0	340.9	110,400
155	66.1	338.7	104,200
160	65.3	336.3	98,400
165	64.4	333.9	92,900
170	63.5	331.4	87,900
175	62.6	328.7	83,100
180	61.7	326.0	78,700
185	60.8	323.2	74,400
190	59.8	320.2	70,500
195	58.9	317.2	66,700
200	58.0	314.0	63,200
205	57.0	310.7	59,800
210	56.1	307.3	56,600
215	55.1	303.8	53,500
220	54.1	300.1	50,600
225	53.1	296.4	47,900
230	52.1	292.4	45,200
235	51.1	288.4	42,700
240	50.0	284.1	40,300
245	49.0	279.7	38,000
250	47.9	275.2	35,800
255	46.8	270.4	33,600
260	45.7	265.5	31,600
265	44.5	260.4	29,600
270	43.4	255.1	27,700
275	42.2	249.5	25,900
280	41.0	243.7	24,200
285	39.7	237.7	22,500
290	38.4	231.4	20,800
295	37.1	224.7	19,300
300	35.7	217.8	17,700
305	34.3	210.4	16,200

Oper. Rad. Feet	Boom Ang. Deg.	Boom Point Elev. Feet	Boom Capacity Pounds
380 ft Boom			
60	82.4	387.4	257,400 *
65	81.6	386.6	256,000 *
70	80.9	385.8	254,600 *
75	80.1	384.9	252,100 *
80	79.3	383.9	236,200 *
85	78.6	382.9	222,100 *
90	77.8	381.8	209,600 *
95	77.0	380.6	198,400 *
100	76.2	379.3	188,300 *
105	75.5	378.0	179,100 *
110	74.7	376.6	170,700 *
115	73.9	375.1	163,000 *
120	73.1	373.6	155,900 *
125	72.3	372.0	147,900
130	71.5	370.2	138,600
135	70.7	368.5	130,100
140	69.9	366.6	122,300
145	69.1	364.7	115,000
150	68.3	362.6	108,300
155	67.5	360.5	102,100
160	66.7	358.4	96,300
165	65.8	356.1	90,900
170	65.0	353.7	85,800
175	64.2	351.2	81,000
180	63.3	348.7	76,600
185	62.5	346.1	72,300
190	61.6	343.3	68,400
195	60.7	340.5	64,600
200	59.9	337.5	61,000
205	59.0	334.5	57,700
210	58.1	331.4	54,500
215	57.2	328.1	51,400
220	56.3	324.7	48,500
225	55.4	321.2	45,700
230	54.4	317.6	43,100
235	53.5	313.9	40,600
240	52.5	310.0	38,200
245	51.6	306.0	35,900
250	50.6	301.9	33,600
255	49.6	297.6	31,500
260	48.6	293.1	29,500
265	47.6	288.5	27,500
270	46.5	283.8	25,600
275	45.5	278.8	23,800
280	44.4	273.7	22,100
285	43.3	268.3	20,400
290	42.1	262.7	18,700
295	41.0	257.0	17,200
300	39.8	250.9	15,600