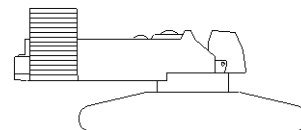


Liftcrane Jib Capacities

**Fixed Jib No. 79A with 50 ft Strut on
Boom No. 55 or No. 55A with 100 ft Mast No. 56
528,000 lb Crane Counterweight
320,000 lb Carbody Counterweight
Rating Over End of Blocked Crawlers
No Travel - Limited Swing**

18000



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

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath boom and jib point sheaves, is considered part of jib load. Boom and jib are 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 mast up and bearing turntable level within a tolerance of 1/2 in. in 10 ft and properly supported. Drive or idler tumblers must be properly blocked so that centerline of tumblers becomes tipping fulcrum. Swing is limited to that sector shown on Operating Range Diagram **No. 8933-A**. Refer to jib assembly **No. A08235**, Wire Rope Specification chart **No. 8598-A or 8598-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, 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.

JIB POINT ELEVATION: Jib point elevation is vertical distance from ground level to centerline of jib 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, jib and backstay support straps, 528,000 lb crane counterweight and 320,000 lb carbody counterweight.

Maximum Boom and Jib Lengths Lifted Unassisted Over End of Blocked Crawlers	
Boom Length	Jib Length
220 ft	50 ft
200 ft	90 ft
180 ft	110 ft
Load block, hook and weight ball on ground at start.	

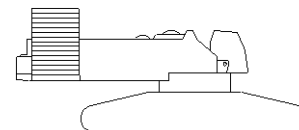
Boom and/or Jib Catwalks Deduct
Deduct 600 lbs from capacities when boom and/or jib catwalks are attached.

Upper Jib 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 jib point capacities cannot exceed those listed for main jib capacity.		



Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 ft Strut on
 Boom No. 55 or No. 55A with 100 ft Mast No. 56
 528,000 lb Crane Counterweight
 320,000 lb Carbody Counterweight
 Rating Over End of Blocked Crawlers
 No Travel - Limited Swing

18000


50.0 ft Fixed Jib

Jib Oper. Rad. Feet	5 Degree Offset			20 Degree Offset		
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds
140.0 ft Boom						
45	81.3	198.4	650,400 *			
50	79.7	197.3	575,200 *			
55	78.2	196.0	512,600 *	81.9	193.0	526,800 *
60	76.6	194.6	460,900 *	80.3	191.6	473,700 *
65	75.0	193.0	417,300 *	78.7	190.0	428,900 *
70	73.5	191.3	380,100 *	77.1	188.2	390,700 *
75	71.9	189.4	348,000 *	75.5	186.3	357,700 *
80	70.2	187.3	320,000 *	73.8	184.2	328,900 *
85	68.6	185.1	295,300 *	72.1	181.9	303,500 *
90	66.9	182.7	273,500 *	70.4	179.5	281,000 *
95	65.3	180.2	253,900 *	68.7	176.9	260,900 *
100	63.5	177.4	236,400 *	67.0	174.1	242,800 *
105	61.8	174.4	220,500 *	65.2	171.0	226,500 *
110	60.0	171.3	206,100 *	63.4	167.8	211,600 *
115	58.2	167.9	192,900 *	61.5	164.3	198,000 *
120	56.4	164.2	180,900 *	59.6	160.6	185,600 *
125	54.5	160.3	169,300 *	57.7	156.6	174,100 *
130	52.5	156.2	157,300 *	55.7	152.3	163,200 *
135	50.5	151.7	146,200 *	53.6	147.7	151,600 *
140	48.4	146.9	135,900 *	51.5	142.8	140,800 *
145	46.3	141.7	126,300 *	49.3	137.4	130,700 *
150	44.0	136.1	117,300 *	46.9	131.6	121,200 *
155	41.7	130.1	108,800 *	44.5	125.4	112,300 *
160	39.2	123.5	100,800 *	41.9	118.5	103,900 *
165	36.6	116.2	93,300 *	39.1	110.8	95,900 *
170	33.7	108.1	86,100 *	36.1	102.3	88,300 *
175	30.6	99.1	79,300 *			
180	27.1	88.6	72,700 *			
185	23.1	76.1	66,300 *			

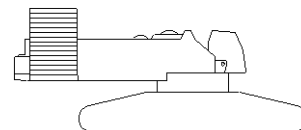
50.0 ft Fixed Jib

Jib Oper. Rad. Feet	5 Degree Offset			20 Degree Offset		
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds
160.0 ft Boom						
50	81.0	217.6	572,900 *			
55	79.6	216.4	510,100 *			
60	78.2	215.2	458,100 *	81.5	211.8	472,000 *
65	76.8	213.7	414,400 *	80.1	210.4	427,000 *
70	75.4	212.2	377,100 *	78.6	208.8	388,500 *
75	74.0	210.5	344,800 *	77.2	207.1	355,400 *
80	72.5	208.7	316,700 *	75.7	205.2	326,400 *
85	71.1	206.7	292,000 *	74.2	203.2	300,900 *
90	69.6	204.6	270,000 *	72.7	201.1	278,300 *
95	68.1	202.3	250,400 *	71.2	198.7	258,100 *
100	66.6	199.9	232,800 *	69.7	196.3	239,900 *
105	65.1	197.3	216,900 *	68.1	193.6	223,500 *
110	63.5	194.5	202,500 *	66.5	190.8	208,600 *
115	61.9	191.5	189,300 *	64.9	187.8	194,900 *
120	60.3	188.4	177,200 *	63.3	184.5	182,400 *
125	58.7	185.0	165,900 *	61.6	181.1	170,900 *
130	57.0	181.5	154,400 *	59.9	177.5	160,300 *
135	55.3	177.7	143,200 *	58.2	173.6	149,300 *
140	53.6	173.6	132,800 *	56.4	169.4	138,500 *
145	51.8	169.3	123,100 *	54.5	165.0	128,400 *
150	50.0	164.8	114,100 *	52.6	160.3	118,900 *
155	48.1	159.9	105,600 *	50.7	155.3	110,000 *
160	46.1	154.7	97,700 *	48.7	149.9	101,600 *
165	44.1	149.1	90,200 *	46.5	144.1	93,700 *
170	41.9	143.0	83,100 *	44.3	137.8	86,300 *
175	39.7	136.5	76,400 *	42.0	131.0	79,200 *
180	37.3	129.4	70,000 *	39.5	123.6	72,400 *
185	34.8	121.6	64,000 *	36.9	115.3	65,900 *
190	32.1	113.0	58,100 *			
195	29.2	103.3	52,500 *			
200	25.9	92.2	47,100 *			
205	22.0	78.9	41,700 *			

Liftcrane Jib Capacities

**Fixed Jib No. 79A with 50 ft Strut on
Boom No. 55 or No. 55A with 100 ft Mast No. 56
528,000 lb Crane Counterweight
320,000 lb Carbody Counterweight
Rating Over End of Blocked Crawlers
No Travel - Limited Swing**

18000

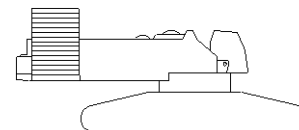


50.0 ft Fixed Jib

Jib Oper. Rad. Feet	5 Degree Offset			20 Degree Offset		
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds
180.0 ft Boom						
50	82.0	237.9	571,100 *			
55	80.8	236.8	508,000 *			
60	79.5	235.6	455,800 *			
65	78.2	234.4	411,800 *	81.2	230.7	425,300 *
70	76.9	233.0	374,300 *	79.9	229.3	386,700 *
75	75.6	231.4	341,900 *	78.6	227.7	353,300 *
80	74.3	229.8	313,700 *	77.2	226.0	324,200 *
85	73.0	228.0	288,800 *	75.9	224.2	298,500 *
90	71.7	226.1	266,800 *	74.5	222.3	275,800 *
95	70.3	224.0	247,100 *	73.2	220.2	255,400 *
100	69.0	221.8	229,400 *	71.8	218.0	237,200 *
105	67.6	219.5	213,400 *	70.4	215.6	220,600 *
110	66.2	217.0	198,900 *	69.0	213.1	205,600 *
115	64.8	214.4	185,600 *	67.6	210.4	191,900 *
120	63.4	211.6	173,500 *	66.1	207.5	179,400 *
125	62.0	208.7	161,000 *	64.6	204.5	167,800 *
130	60.5	205.5	149,400 *	63.1	201.3	156,200 *
135	59.0	202.2	138,700 *	61.6	197.9	145,000 *
140	57.5	198.7	128,700 *	60.1	194.4	134,600 *
145	55.9	195.0	119,400 *	58.5	190.6	124,900 *
150	54.4	191.1	110,500 *	56.9	186.5	115,800 *
155	52.8	186.9	102,000 *	55.2	182.3	107,100 *
160	51.1	182.5	94,000 *	53.5	177.8	98,800 *
165	49.4	177.9	86,500 *	51.8	173.0	90,800 *
170	47.7	172.9	79,400 *	50.0	167.8	83,400 *
175	45.9	167.7	72,700 *	48.1	162.4	76,300 *
180	44.0	162.0	66,300 *	46.2	156.6	69,600 *
185	42.1	156.0	60,300 *	44.2	150.3	63,200 *
190	40.0	149.6	54,600 *	42.0	143.6	57,100 *
195	37.9	142.6	49,100 *	39.8	136.3	51,300 *
200	35.7	135.1	43,900 *	37.5	128.4	45,700 *
205	33.3	126.8	38,800 *			
210	30.7	117.7	34,000 *			
215	27.8	107.4	29,200 *			
220	24.7	95.6	24,600 *			

50.0 ft Fixed Jib

Jib Oper. Rad. Feet	5 Degree Offset			20 Degree Offset		
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds
200.0 ft Boom						
55	81.3	257.4	504,500 *			
60	80.1	256.3	452,300 *			
65	78.9	255.1	408,300 *	81.7	251.7	422,700 *
70	77.8	253.9	370,900 *	80.5	250.3	384,000 *
75	76.6	252.5	338,500 *	79.3	248.9	350,600 *
80	75.4	251.0	310,300 *	78.1	247.4	321,400 *
85	74.2	249.3	285,400 *	76.9	245.8	295,800 *
90	73.0	247.6	263,400 *	75.7	244.0	273,000 *
95	71.8	245.7	243,700 *	74.4	242.1	252,700 *
100	70.5	243.8	226,000 *	73.2	240.1	234,400 *
105	69.3	241.6	210,100 *	71.9	237.9	217,900 *
110	68.0	239.4	195,600 *	70.7	235.7	202,900 *
115	66.8	237.0	182,300 *	69.4	233.3	189,200 *
120	65.5	234.5	169,100 *	68.1	230.7	176,700 *
125	64.2	231.9	156,600 *	66.8	228.0	164,700 *
130	62.9	229.1	145,100 *	65.4	225.2	152,600 *
135	61.6	226.1	134,400 *	64.1	222.2	141,500 *
140	60.2	223.0	124,400 *	62.7	219.0	131,100 *
145	58.9	219.8	115,200 *	61.3	215.7	121,400 *
150	57.5	216.3	106,500 *	59.9	212.1	112,400 *
155	56.1	212.7	98,400 *	58.5	208.4	103,900 *
160	54.6	208.9	90,800 *	57.0	204.5	96,000 *
165	53.2	204.8	83,600 *	55.5	200.4	88,500 *
170	51.7	200.6	76,500 *	54.0	196.1	81,300 *
175	50.1	196.1	69,800 *	52.4	191.5	74,300 *
180	48.6	191.4	63,500 *	50.8	186.6	67,700 *
185	47.0	186.4	57,600 *	49.1	181.5	61,400 *
190	45.3	181.1	51,900 *	47.4	176.0	55,400 *
195	43.6	175.5	46,500 *	45.6	170.2	49,700 *
200	41.8	169.5	41,400 *	43.8	164.1	44,200 *
205	40.0	163.1	36,400 *	41.9	157.4	39,000 *
210	38.0	156.3	31,700 *	39.9	150.3	33,900 *
215	36.0	149.0	27,200 *	37.8	142.7	29,100 *
220	33.9	141.0	22,800 *			
225	31.6	132.3	18,600 *			


18000


Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 ft Strut on
 Boom No. 55 or No. 55A with 100 ft Mast No. 56
 528,000 lb Crane Counterweight
 320,000 lb Carbody Counterweight
 Rating Over End of Blocked Crawlers
 No Travel - Limited Swing

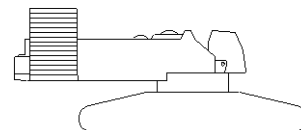
50.0 ft Fixed Jib

Jib Oper. Rad. Feet	5 Degree Offset			20 Degree Offset		
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds
220.0 ft Boom						
55	82.1	277.7	502,000 *			
60	81.0	276.7	449,500 *			
65	79.9	275.6	405,400 *			
70	78.8	274.4	367,800 *	81.3	270.7	381,800*
75	77.7	273.1	335,300 *	80.2	269.4	348,200*
80	76.6	271.7	306,900 *	79.1	268.0	318,900*
85	75.5	270.2	282,000 *	78.0	266.5	293,100*
90	74.4	268.6	259,900 *	76.9	264.9	270,200*
95	73.3	266.9	240,100 *	75.7	263.1	249,800*
100	72.2	265.1	222,400 *	74.6	261.3	231,400*
105	71.0	263.2	206,400 *	73.5	259.3	214,800*
110	69.9	261.1	191,800 *	72.3	257.3	199,700*
115	68.7	259.0	177,700 *	71.1	255.1	186,000*
120	67.6	256.7	164,000 *	69.9	252.8	173,300*
125	66.4	254.3	151,400 *	68.8	250.3	160,200*
130	65.2	251.7	139,800 *	67.5	247.7	148,100*
135	64.0	249.1	129,100 *	66.3	245.0	136,900*
140	62.8	246.3	119,100 *	65.1	242.2	126,500*
145	61.6	243.3	109,800 *	63.8	239.2	116,800*
150	60.3	240.2	101,200 *	62.6	236.0	107,700*
155	59.1	237.0	93,100 *	61.3	232.7	99,200*
160	57.8	233.6	85,400 *	60.0	229.2	91,200*
165	56.5	230.0	78,300 *	58.7	225.6	83,700*
170	55.2	226.3	71,500 *	57.3	221.8	76,600*
175	53.8	222.3	65,100 *	55.9	217.7	69,900*
180	52.5	218.2	59,100 *	54.5	213.5	63,500*
185	51.1	213.9	53,100 *	53.1	209.1	57,500*
190	49.6	209.3	47,500 *	51.6	204.4	51,600*
195	48.2	204.5	42,100 *	50.1	199.5	45,900*
200	46.7	199.5	36,900 *	48.6	194.3	40,500*
205	45.1	194.1	32,000 *	47.0	188.8	35,300*
210	43.5	188.5	27,300 *	45.4	183.0	30,300*
215	41.9	182.6	22,800 *	43.7	176.9	25,500*
220	40.2	176.2	18,500 *	41.9	170.3	20,900*
225				40.1	163.3	16,500*

Liftcrane Jib Capacities

**Fixed Jib No. 79A with 50 ft Strut on
Boom No. 55 or No. 55A with 100 ft Mast No. 56
528,000 lb Crane Counterweight
320,000 lb Carbody Counterweight
Rating Over End of Blocked Crawlers
No Travel - Limited Swing**

18000



70.0 ft Fixed Jib

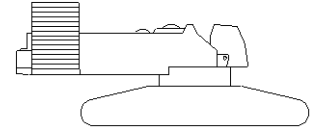
Jib Oper. Rad. Feet	5 Degree Offset			20 Degree Offset		
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds
140.0 ft Boom						
50	82.0	217.4	581,400 *			
55	80.6	216.3	518,400 *			
60	79.2	215.0	466,200 *			
65	77.8	213.6	422,300 *	81.9	210.2	436,100 *
70	76.4	212.0	384,800 *	80.5	208.7	397,500 *
75	75.0	210.3	352,500 *	79.0	206.9	364,100 *
80	73.5	208.5	324,200 *	77.5	205.1	335,000 *
85	72.1	206.5	299,400 *	76.1	203.1	309,400 *
90	70.6	204.4	277,400 *	74.5	200.9	286,600 *
95	69.1	202.1	257,700 *	73.0	198.6	266,300 *
100	67.6	199.7	240,000 *	71.5	196.1	248,000 *
105	66.0	197.1	224,000 *	69.9	193.4	231,500 *
110	64.5	194.3	209,500 *	68.3	190.6	216,500 *
115	62.9	191.3	196,200 *	66.7	187.6	202,800 *
120	61.3	188.2	184,100 *	65.1	184.4	190,200 *
125	59.7	184.8	172,900 *	63.4	180.9	178,600 *
130	58.0	181.3	162,500 *	61.7	177.3	167,900 *
135	56.3	177.5	151,300 *	60.0	173.4	158,000 *
140	54.5	173.4	140,900 *	58.2	169.2	147,700 *
145	52.8	169.1	131,300 *	56.3	164.8	137,500 *
150	50.9	164.6	122,200 *	54.4	160.1	128,000 *
155	49.0	159.7	113,800 *	52.5	155.1	119,100 *
160	47.0	154.4	105,800 *	50.4	149.7	110,700 *
165	45.0	148.8	98,300 *	48.3	143.8	102,800 *
170	42.9	142.8	91,300 *	46.1	137.6	95,300 *
175	40.6	136.2	84,600 *	43.8	130.7	88,200 *
180	38.3	129.1	78,200 *	41.3	123.3	81,400 *
185	35.8	121.3	72,100 *	38.6	115.1	74,800 *
190	33.0	112.7	66,200 *	35.8	105.8	68,500 *
195	30.1	103.0	60,600 *			
200	26.8	91.8	55,100 *			
205	22.9	78.4	49,800 *			

70.0 ft Fixed Jib

Jib Oper. Rad. Feet	5 Degree Offset			20 Degree Offset		
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds
160.0 ft Boom						
55	81.8	236.5	516,600 *			
60	80.6	235.4	464,200 *			
65	79.3	234.1	420,000 *			
70	78.0	232.7	382,300 *	81.7	228.9	396,100 *
75	76.7	231.2	349,800 *	80.4	227.3	362,500 *
80	75.4	229.5	321,400 *	79.1	225.6	333,100 *
85	74.1	227.7	296,400 *	77.7	223.8	307,300 *
90	72.7	225.8	274,300 *	76.4	221.9	284,400 *
95	71.4	223.7	254,500 *	75.0	219.8	263,900 *
100	70.0	221.6	236,700 *	73.6	217.5	245,500 *
105	68.7	219.2	220,600 *	72.2	215.2	228,900 *
110	67.3	216.7	206,000 *	70.8	212.6	213,700 *
115	65.9	214.1	192,700 *	69.4	209.9	199,900 *
120	64.5	211.3	180,500 *	67.9	207.1	187,300 *
125	63.0	208.4	169,300 *	66.4	204.1	175,600 *
130	61.5	205.2	158,600 *	64.9	200.9	164,900 *
135	60.1	201.9	147,900 *	63.4	197.5	154,900 *
140	58.5	198.4	137,800 *	61.9	193.9	144,800 *
145	57.0	194.7	128,100 *	60.3	190.1	135,000 *
150	55.4	190.8	119,000 *	58.7	186.0	125,600 *
155	53.8	186.6	110,400 *	57.0	181.8	116,600 *
160	52.1	182.2	102,400 *	55.3	177.2	108,200 *
165	50.4	177.5	94,900 *	53.5	172.4	100,200 *
170	48.7	172.6	87,800 *	51.7	167.3	92,700 *
175	46.9	167.3	81,100 *	49.9	161.8	85,600 *
180	45.0	161.6	74,700 *	47.9	156.0	78,900 *
185	43.1	155.6	68,700 *	45.9	149.7	72,400 *
190	41.0	149.1	62,900 *	43.8	142.9	66,300 *
195	38.9	142.2	57,400 *	41.5	135.6	60,400 *
200	36.6	134.6	52,200 *	39.2	127.6	54,700 *
205	34.2	126.3	47,100 *	36.6	118.8	49,200 *
210	31.6	117.1	42,200 *			
215	28.8	106.8	37,500 *			
220	25.6	94.9	32,800 *			

Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 ft Strut on
Boom No. 55 or No. 55A with 100 ft Mast No. 56
528,000 lb Crane Counterweight
320,000 lb Carbody Counterweight
Rating Over End of Blocked Crawlers
No Travel - Limited Swing

18000


70.0 ft Fixed Jib

Jib Oper. Rad. Feet	5 Degree Offset			20 Degree Offset		
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds
180.0 ft Boom						
60	81.6	255.7	462,500 *			
65	80.4	254.5	418,000 *			
70	79.3	253.2	380,100 *			
75	78.1	251.8	347,400 *	81.4	247.6	361,100 *
80	76.9	250.3	318,800 *	80.2	246.1	331,500 *
85	75.7	248.6	293,700 *	79.0	244.4	305,500 *
90	74.5	246.9	271,400 *	77.8	242.7	282,400 *
95	73.2	245.0	251,500 *	76.5	240.8	261,700 *
100	72.0	243.0	233,600 *	75.3	238.7	243,200 *
105	70.8	240.9	217,400 *	74.0	236.6	226,400 *
110	69.5	238.7	202,700 *	72.7	234.3	211,200 *
115	68.3	236.3	189,400 *	71.4	231.9	197,300 *
120	67.0	233.8	177,100 *	70.1	229.3	184,500 *
125	65.7	231.1	165,600 *	68.8	226.6	172,800 *
130	64.4	228.3	153,900 *	67.5	223.7	162,000 *
135	63.0	225.4	143,000 *	66.1	220.7	151,300 *
140	61.7	222.3	132,900 *	64.7	217.5	140,700 *
145	60.3	219.0	123,500 *	63.3	214.2	130,800 *
150	58.9	215.5	114,700 *	61.9	210.6	121,600 *
155	57.5	211.9	106,500 *	60.5	206.9	113,000 *
160	56.1	208.0	98,800 *	59.0	202.9	104,800 *
165	54.6	204.0	91,200 *	57.5	198.8	97,200 *
170	53.1	199.7	84,000 *	55.9	194.4	89,700 *
175	51.6	195.2	77,200 *	54.3	189.8	82,600 *
180	50.0	190.5	70,800 *	52.7	184.9	75,800 *
185	48.4	185.4	64,800 *	51.0	179.7	69,400 *
190	46.7	180.1	59,000 *	49.3	174.2	63,200 *
195	45.0	174.5	53,500 *	47.5	168.3	57,400 *
200	43.2	168.5	48,300 *	45.6	162.0	51,800 *
205	41.3	162.0	43,300 *	43.7	155.3	46,400 *
210	39.4	155.2	38,500 *	41.7	148.1	41,300 *
215	37.3	147.8	33,900 *	39.5	140.3	36,300 *
220	35.2	139.7	29,400 *			
225	32.8	131.0	25,100 *			
230	30.3	121.3	21,000 *			
235	27.6	110.4	16,900 *			

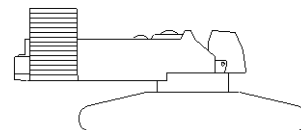
70.0 ft Fixed Jib

Jib Oper. Rad. Feet	5 Degree Offset			20 Degree Offset		
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds
200.0 ft Boom						
60	81.9	276.3	458,700 *			
65	80.9	275.2	414,300 *			
70	79.8	274.0	376,400 *			
75	78.7	272.8	343,600 *	81.8	268.7	358,300 *
80	77.6	271.4	315,100 *	80.7	267.3	328,700 *
85	76.5	269.9	290,000 *	79.6	265.8	302,600 *
90	75.4	268.3	267,700 *	78.5	264.2	279,500 *
95	74.2	266.6	247,800 *	77.3	262.5	258,800 *
100	73.1	264.7	230,000 *	76.2	260.6	240,300 *
105	72.0	262.8	213,800 *	75.0	258.6	223,500 *
110	70.8	260.8	199,100 *	73.9	256.6	208,200 *
115	69.7	258.6	185,800 *	72.7	254.4	194,300 *
120	68.5	256.3	173,500 *	71.5	252.0	181,600 *
125	67.3	253.9	160,900 *	70.3	249.6	169,900 *
130	66.1	251.4	149,200 *	69.1	247.0	158,800 *
135	64.9	248.7	138,400 *	67.9	244.3	147,400 *
140	63.7	245.9	128,300 *	66.6	241.4	136,900 *
145	62.5	242.9	118,900 *	65.4	238.4	127,000 *
150	61.3	239.8	110,200 *	64.1	235.2	117,800 *
155	60.0	236.6	102,000 *	62.8	231.9	109,200 *
160	58.7	233.2	94,300 *	61.5	228.4	101,100 *
165	57.4	229.6	87,100 *	60.2	224.8	93,500 *
170	56.1	225.8	80,200 *	58.8	220.9	86,300 *
175	54.7	221.9	73,800 *	57.5	216.9	79,500 *
180	53.4	217.8	67,500 *	56.1	212.7	73,100 *
185	52.0	213.4	61,500 *	54.6	208.2	66,900 *
190	50.5	208.9	55,700 *	53.1	203.5	60,800 *
195	49.1	204.0	50,300 *	51.6	198.6	55,000 *
200	47.6	199.0	45,100 *	50.1	193.4	49,500 *
205	46.0	193.6	40,200 *	48.5	187.8	44,200 *
210	44.4	188.0	35,400 *	46.8	182.0	39,200 *
215	42.8	182.0	30,900 *	45.1	175.8	34,300 *
220	41.1	175.7	26,600 *	43.3	169.2	29,700 *
225	39.3	168.9	22,400 *	41.5	162.2	25,200 *
230	37.4	161.7	18,400 *	39.5	154.6	20,900 *
235				37.5	146.4	16,600 *

Liftcrane Jib Capacities

**Fixed Jib No. 79A with 50 ft Strut on
Boom No. 55 or No. 55A with 100 ft Mast No. 56
528,000 lb Crane Counterweight
320,000 lb Carbody Counterweight
Rating Over End of Blocked Crawlers
No Travel - Limited Swing**

18000



90.0 ft Fixed Jib

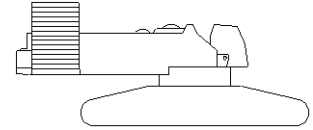
Jib Oper. Rad. Feet	5 Degree Offset			20 Degree Offset		
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds
140.0 ft Boom						
55	82.1	236.8	520,800 *			
60	80.9	235.6	468,400 *			
65	79.6	234.3	424,400 *			
70	78.3	232.9	386,800 *			
75	77.0	231.4	354,300 *	81.5	228.0	367,900 *
80	75.7	229.7	326,000 *	80.1	226.4	338,600 *
85	74.4	228.0	301,100 *	78.8	224.6	312,800 *
90	73.0	226.0	279,000 *	77.4	222.6	289,900 *
95	71.7	224.0	259,300 *	76.1	220.5	269,500 *
100	70.3	221.8	241,600 *	74.7	218.3	251,100 *
105	69.0	219.5	225,500 *	73.3	215.9	234,500 *
110	67.6	217.0	211,000 *	71.9	213.4	219,400 *
115	66.2	214.4	197,700 *	70.5	210.7	205,600 *
120	64.8	211.6	185,500 *	69.0	207.9	193,000 *
125	63.3	208.6	174,400 *	67.6	204.9	181,400 *
130	61.9	205.5	164,000 *	66.1	201.7	170,600 *
135	60.4	202.2	154,100 *	64.5	198.3	160,700 *
140	58.9	198.7	143,700 *	63.0	194.7	151,400 *
145	57.3	195.0	134,000 *	61.4	190.9	142,000 *
150	55.7	191.0	125,000 *	59.8	186.9	132,500 *
155	54.1	186.9	116,500 *	58.2	182.7	123,600 *
160	52.5	182.5	108,600 *	56.5	178.2	115,200 *
165	50.8	177.8	101,100 *	54.7	173.4	107,300 *
170	49.0	172.9	94,100 *	52.9	168.3	99,900 *
175	47.2	167.6	87,500 *	51.1	162.9	92,800 *
180	45.4	162.0	81,200 *	49.1	157.1	86,100 *
185	43.4	156.0	75,200 *	47.1	150.8	79,800 *
190	41.4	149.5	69,500 *	45.0	144.1	73,700 *
195	39.3	142.6	64,100 *	42.8	136.9	67,900 *
200	37.0	135.0	58,900 *	40.4	128.9	62,300 *
205	34.6	126.7	53,900 *	37.9	120.2	56,800 *
210	32.0	117.6	49,100 *	35.2	110.5	51,600 *
215	29.2	107.3	44,400 *			
220	26.0	95.5	39,800 *			
225	22.3	81.4	35,200 *			

90.0 ft Fixed Jib

Jib Oper. Rad. Feet	5 Degree Offset			20 Degree Offset		
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds
160.0 ft Boom						
60	82.1	255.9	466,900 *			
65	80.9	254.7	422,600 *			
70	79.7	253.4	384,700 *			
75	78.5	252.0	352,000 *			
80	77.3	250.5	323,500 *	81.4	246.6	337,300 *
85	76.1	248.8	298,500 *	80.2	245.0	311,200 *
90	74.9	247.1	276,200 *	79.0	243.2	288,200 *
95	73.7	245.2	256,400 *	77.7	241.3	267,500 *
100	72.5	243.3	238,500 *	76.5	239.3	249,000 *
105	71.2	241.1	222,400 *	75.2	237.1	232,200 *
110	70.0	238.9	207,700 *	73.9	234.8	217,000 *
115	68.7	236.5	194,400 *	72.6	232.4	203,100 *
120	67.4	234.0	182,100 *	71.3	229.9	190,400 *
125	66.1	231.4	170,900 *	70.0	227.2	178,600 *
130	64.8	228.6	160,500 *	68.7	224.3	167,800 *
135	63.5	225.6	149,900 *	67.3	221.3	157,800 *
140	62.1	222.5	139,800 *	66.0	218.1	148,500 *
145	60.8	219.2	130,500 *	64.6	214.7	138,700 *
150	59.4	215.8	121,700 *	63.1	211.2	129,500 *
155	58.0	212.1	113,200 *	61.7	207.5	120,800 *
160	56.5	208.3	105,100 *	60.2	203.6	112,700 *
165	55.1	204.2	97,600 *	58.7	199.4	104,700 *
170	53.5	200.0	90,500 *	57.2	195.0	97,200 *
175	52.0	195.5	83,800 *	55.6	190.4	90,100 *
180	50.4	190.7	77,500 *	54.0	185.5	83,300 *
185	48.8	185.7	71,500 *	52.3	180.4	76,900 *
190	47.1	180.4	65,700 *	50.6	174.9	70,800 *
195	45.4	174.8	60,300 *	48.8	169.0	65,000 *
200	43.6	168.8	55,100 *	46.9	162.8	59,500 *
205	41.8	162.4	50,200 *	45.0	156.2	54,100 *
210	39.8	155.5	45,400 *	43.0	149.0	49,000 *
215	37.8	148.1	40,900 *	40.8	141.2	44,100 *
220	35.6	140.1	36,500 *	38.5	132.8	39,300 *
225	33.3	131.4	32,200 *	36.1	123.5	34,600 *
230	30.9	121.7	28,100 *			
235	28.1	110.9	24,000 *			
240	25.1	98.4	20,000 *			

Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 ft Strut on
Boom No. 55 or No. 55A with 100 ft Mast No. 56
528,000 lb Crane Counterweight
320,000 lb Carbody Counterweight
Rating Over End of Blocked Crawlers
No Travel - Limited Swing

18000


90.0 ft Fixed Jib

Jib Oper. Rad. Feet	5 Degree Offset			20 Degree Offset		
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds
180.0 ft Boom						
65	81.9	274.9	421,100 *			
70	80.8	273.8	382,900 *			
75	79.7	272.5	350,000 *			
80	78.6	271.1	321,300 *			
85	77.5	269.6	296,000 *	81.3	265.3	310,000 *
90	76.4	268.0	273,600 *	80.1	263.7	286,600 *
95	75.3	266.3	253,600 *	79.0	261.9	265,800 *
100	74.1	264.4	235,700 *	77.8	260.1	247,100 *
105	73.0	262.5	219,400 *	76.7	258.1	230,200 *
110	71.9	260.5	204,700 *	75.5	256.0	214,800 *
115	70.7	258.3	191,200 *	74.3	253.8	200,800 *
120	69.5	256.0	178,900 *	73.2	251.5	187,900 *
125	68.4	253.6	167,500 *	72.0	249.0	176,100 *
130	67.2	251.1	156,100 *	70.7	246.4	165,100 *
135	66.0	248.4	145,200 *	69.5	243.7	155,000 *
140	64.8	245.6	135,100 *	68.3	240.8	144,700 *
145	63.5	242.6	125,700 *	67.0	237.8	134,800 *
150	62.3	239.5	116,800 *	65.7	234.7	125,500 *
155	61.0	236.3	108,600 *	64.5	231.3	116,800 *
160	59.7	232.8	100,800 *	63.1	227.8	108,600 *
165	58.4	229.3	93,500 *	61.8	224.2	100,900 *
170	57.1	225.5	86,700 *	60.4	220.3	93,600 *
175	55.7	221.5	79,900 *	59.1	216.3	86,700 *
180	54.4	217.4	73,500 *	57.6	212.0	80,200 *
185	53.0	213.0	67,500 *	56.2	207.5	73,800 *
190	51.5	208.5	61,700 *	54.7	202.8	67,600 *
195	50.1	203.7	56,200 *	53.2	197.9	61,800 *
200	48.5	198.6	51,000 *	51.7	192.6	56,200 *
205	47.0	193.2	46,000 *	50.0	187.1	50,900 *
210	45.4	187.6	41,300 *	48.4	181.2	45,800 *
215	43.7	181.6	36,700 *	46.7	175.0	40,900 *
220	42.0	175.2	32,400 *	44.9	168.4	36,100 *
225	40.2	168.4	28,200 *	43.0	161.3	31,600 *
230	38.4	161.2	24,100 *	41.1	153.7	27,200 *
235	36.4	153.4	20,200 *	39.0	145.5	22,900 *
240	34.3	145.0	16,400 *	36.8	136.5	18,800 *

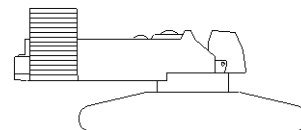
90.0 ft Fixed Jib

Jib Oper. Rad. Feet	5 Degree Offset			20 Degree Offset		
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds
200.0 ft Boom						
65	82.1	295.6	417,000 *			
70	81.1	294.5	378,900 *			
75	80.1	293.3	346,000 *			
80	79.1	292.0	317,300 *			
85	78.0	290.7	292,100 *	81.6	286.5	306,900 *
90	77.0	289.2	269,700 *	80.5	285.0	283,600 *
95	76.0	287.6	249,700 *	79.5	283.4	262,700 *
100	74.9	285.9	231,700 *	78.4	281.7	244,000 *
105	73.9	284.1	215,500 *	77.3	279.9	227,000 *
110	72.8	282.2	200,800 *	76.3	278.0	211,700 *
115	71.8	280.3	187,300 *	75.2	276.0	197,600 *
120	70.7	278.2	175,000 *	74.1	273.8	184,800 *
125	69.6	275.9	162,800 *	73.0	271.6	172,900 *
130	68.5	273.6	151,100 *	71.9	269.2	162,000 *
135	67.4	271.2	140,200 *	70.8	266.7	151,200 *
140	66.3	268.6	130,100 *	69.7	264.1	140,600 *
145	65.2	265.9	120,700 *	68.5	261.4	130,600 *
150	64.1	263.1	111,900 *	67.4	258.5	121,300 *
155	62.9	260.2	103,600 *	66.2	255.5	112,600 *
160	61.8	257.1	95,900 *	65.0	252.4	104,500 *
165	60.6	253.9	88,700 *	63.8	249.1	96,800 *
170	59.4	250.5	81,800 *	62.6	245.7	89,600 *
175	58.2	247.0	75,400 *	61.4	242.1	82,700 *
180	57.0	243.3	69,300 *	60.1	238.3	76,200 *
185	55.7	239.4	63,500 *	58.9	234.3	70,100 *
190	54.5	235.4	57,900 *	57.6	230.2	64,200 *
195	53.2	231.1	52,400 *	56.2	225.9	58,700 *
200	51.9	226.7	47,300 *	54.9	221.4	53,300 *
205	50.5	222.1	42,300 *	53.5	216.6	48,000 *
210	49.1	217.2	37,600 *	52.1	211.6	43,000 *
215	47.7	212.1	33,100 *	50.6	206.3	38,100 *
220	46.3	206.8	28,800 *	49.2	200.8	33,500 *
225	44.8	201.1	24,600 *	47.6	195.0	29,000 *
230	43.3	195.2	20,600 *	46.0	188.8	24,700 *
235	41.7	188.9	16,800 *	44.4	182.3	20,600 *
240				42.7	175.4	16,600 *

Liftcrane Jib Capacities

**Fixed Jib No. 79A with 50 ft Strut on
Boom No. 55 or No. 55A with 100 ft Mast No. 56
528,000 lb Crane Counterweight
320,000 lb Carbody Counterweight
Rating Over End of Blocked Crawlers
No Travel - Limited Swing**

18000

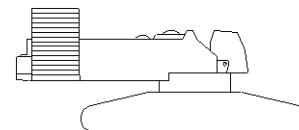


110.0 ft Fixed Jib

Jib Oper. Rad. Feet	5 Degree Offset			20 Degree Offset		
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds
140.0 ft Boom						
60	81.7	256.3	469,400 *			
65	80.5	255.1	425,400 *			
70	79.4	253.9	387,800 *			
75	78.2	252.5	355,400 *			
80	77.0	250.9	327,200 *	81.8	247.8	341,300 *
85	75.8	249.3	302,300 *	80.6	246.2	315,400 *
90	74.6	247.6	280,200 *	79.4	244.4	292,500 *
95	73.4	245.7	260,500 *	78.2	242.5	272,100 *
100	72.1	243.7	242,800 *	76.9	240.5	253,700 *
105	70.9	241.6	226,800 *	75.7	238.4	237,000 *
110	69.6	239.4	212,300 *	74.4	236.1	221,900 *
115	68.4	237.0	199,100 *	73.1	233.7	208,200 *
120	67.1	234.5	186,900 *	71.8	231.2	195,500 *
125	65.8	231.9	175,800 *	70.5	228.5	183,900 *
130	64.5	229.1	165,500 *	69.2	225.6	173,200 *
135	63.2	226.1	156,000 *	67.8	222.6	163,200 *
140	61.8	223.0	146,300 *	66.5	219.5	154,000 *
145	60.5	219.7	136,700 *	65.1	216.1	145,400 *
150	59.1	216.3	127,700 *	63.7	212.6	136,700 *
155	57.7	212.7	119,300 *	62.2	208.9	127,900 *
160	56.2	208.8	111,400 *	60.8	205.0	119,500 *
165	54.8	204.8	104,000 *	59.3	200.9	111,700 *
170	53.3	200.6	97,100 *	57.7	196.6	104,300 *
175	51.8	196.1	90,500 *	56.2	192.0	97,300 *
180	50.2	191.4	84,300 *	54.6	187.2	90,700 *
185	48.6	186.4	78,400 *	52.9	182.1	84,400 *
190	46.9	181.1	72,800 *	51.2	176.6	78,500 *
195	45.2	175.5	67,500 *	49.4	170.8	72,800 *
200	43.4	169.5	62,400 *	47.6	164.7	67,400 *
205	41.6	163.1	57,600 *	45.7	158.1	62,100 *
210	39.6	156.3	52,900 *	43.7	151.0	57,100 *
215	37.6	148.9	48,400 *	41.6	143.4	52,300 *
220	35.5	141.0	44,100 *	39.4	135.1	47,600 *
225	33.2	132.3	40,000 *	37.0	126.0	43,100 *
230	30.7	122.7	36,000 *	34.3	115.8	38,700 *
235	28.0	112.0	32,000 *			
240	25.0	99.7	28,200 *			
245	21.4	85.0	24,300 *			

110.0 ft Fixed Jib

Jib Oper. Rad. Feet	5 Degree Offset			20 Degree Offset		
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds
160.0 ft Boom						
65	81.8	275.4	423,900 *			
70	80.7	274.2	386,100 *			
75	79.6	272.9	353,400 *			
80	78.5	271.5	324,900 *			
85	77.4	270.0	299,900 *	81.8	266.4	314,300 *
90	76.3	268.4	277,600 *	80.7	264.8	291,200 *
95	75.2	266.7	257,800 *	79.6	263.0	270,500 *
100	74.0	264.9	240,000 *	78.4	261.2	251,900 *
105	72.9	263.0	223,900 *	77.3	259.2	235,100 *
110	71.8	260.9	209,200 *	76.1	257.2	219,800 *
115	70.6	258.8	195,900 *	75.0	255.0	205,900 *
120	69.4	256.5	183,700 *	73.8	252.7	193,200 *
125	68.3	254.1	172,400 *	72.6	250.2	181,400 *
130	67.1	251.6	162,100 *	71.4	247.6	170,600 *
135	65.9	248.9	152,000 *	70.2	244.9	160,600 *
140	64.7	246.1	142,000 *	68.9	242.1	151,200 *
145	63.4	243.1	132,600 *	67.7	239.1	142,400 *
150	62.2	240.0	123,900 *	66.4	235.9	133,200 *
155	60.9	236.8	115,800 *	65.1	232.6	124,600 *
160	59.7	233.4	108,000 *	63.8	229.1	116,500 *
165	58.4	229.8	100,500 *	62.5	225.5	108,800 *
170	57.0	226.1	93,400 *	61.1	221.6	101,600 *
175	55.7	222.1	86,800 *	59.8	217.6	94,600 *
180	54.3	218.0	80,500 *	58.4	213.4	87,900 *
185	52.9	213.6	74,500 *	56.9	209.0	81,500 *
190	51.5	209.1	68,900 *	55.5	204.3	75,500 *
195	50.0	204.3	63,500 *	54.0	199.4	69,700 *
200	48.5	199.2	58,400 *	52.4	194.2	64,200 *
205	47.0	193.9	53,500 *	50.8	188.7	59,000 *
210	45.4	188.3	48,800 *	49.2	182.9	54,000 *
215	43.7	182.3	44,400 *	47.5	176.7	49,200 *
220	42.0	176.0	40,100 *	45.7	170.2	44,600 *
225	40.2	169.2	36,000 *	43.9	163.2	40,100 *
230	38.4	162.0	32,000 *	41.9	155.7	35,800 *
235	36.4	154.2	28,200 *	39.9	147.5	31,600 *
240	34.4	145.9	24,500 *	37.7	138.7	27,500 *
245	32.2	136.7	20,900 *	35.4	129.0	23,600 *
250	29.8	126.6	17,400 *			


18000


Liftcrane Jib Capacities

Fixed Jib No. 79A with 50 ft Strut on
 Boom No. 55 or No. 55A with 100 ft Mast No. 56
 528,000 lb Crane Counterweight
 320,000 lb Carbody Counterweight
 Rating Over End of Blocked Crawlers
 No Travel - Limited Swing

110.0 ft Fixed Jib

Jib Oper. Rad. Feet	5 Degree Offset			20 Degree Offset		
	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds	Boom Ang. Deg.	Jib Point Elev. Feet	Jib Capacity Pounds
180.0 ft Boom						
70	81.7	294.5	384,600 *			
75	80.7	293.3	351,700 *			
80	79.7	292.0	322,900 *			
85	78.7	290.6	297,700 *			
90	77.6	289.2	275,300 *	81.7	285.1	290,100*
95	76.6	287.6	255,300 *	80.7	283.5	269,100*
100	75.6	285.9	237,300 *	79.6	281.8	250,400*
105	74.5	284.1	221,100 *	78.6	280.0	233,400*
110	73.5	282.2	206,300 *	77.5	278.0	217,900*
115	72.4	280.2	192,900 *	76.4	276.0	203,900*
120	71.3	278.1	180,500 *	75.3	273.9	191,000*
125	70.2	275.9	169,200 *	74.2	271.6	179,100*
130	69.2	273.6	158,400 *	73.1	269.3	168,200*
135	68.1	271.2	147,500 *	72.0	266.8	158,000*
140	66.9	268.6	137,400 *	70.9	264.2	148,600*
145	65.8	265.9	127,900 *	69.8	261.4	138,700*
150	64.7	263.1	119,200 *	68.6	258.6	129,400*
155	63.6	260.1	110,900 *	67.4	255.6	120,700*
160	62.4	257.1	103,200 *	66.3	252.4	112,500*
165	61.2	253.8	95,900 *	65.1	249.1	104,800*
170	60.0	250.5	89,100 *	63.8	245.7	97,500*
175	58.8	246.9	82,600 *	62.6	242.1	90,700*
180	57.6	243.2	76,500 *	61.4	238.3	84,200*
185	56.4	239.4	70,500 *	60.1	234.4	78,000*
190	55.1	235.3	64,800 *	58.8	230.3	72,200*
195	53.8	231.1	59,300 *	57.5	225.9	66,500*
200	52.5	226.7	54,200 *	56.1	221.4	60,900*
205	51.1	222.1	49,200 *	54.7	216.6	55,600*
210	49.8	217.2	44,500 *	53.3	211.7	50,600*
215	48.3	212.1	40,000 *	51.9	206.4	45,700*
220	46.9	206.7	35,700 *	50.4	200.9	41,100*
225	45.4	201.1	31,600 *	48.9	195.0	36,600*
230	43.9	195.1	27,600 *	47.3	188.9	32,300*
235	42.3	188.8	23,800 *	45.6	182.4	28,200*
240	40.6	182.1	20,100 *	43.9	175.4	24,200*
245	38.9	175.0	16,600 *	42.1	168.0	20,300*
250				40.2	160.1	16,500*