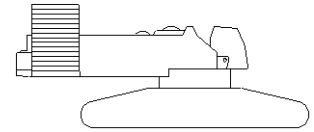




18000



Meets
ANSI B30.5
Requirements

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
360 Degree Rating**

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. 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. 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, 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 with boom within boom angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart No. **8517-B**.

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		Over Side of Crawlers	
Boom Length	Jib Length	Boom Length	Jib Length
220 Ft.	50 Ft.	200 Ft.	50 Ft.
200 Ft.	90 Ft.	180 Ft.	90 Ft.
180 Ft.	110 Ft.	160 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.

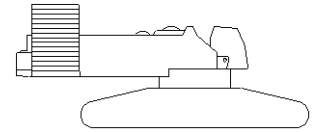


Liftcrane Jib Capacities

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
 360 Degree Rating

Meets
ANSI B30.5
 Requirements

18000



50 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 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	252,600	68.7	176.9	260,700
100	63.5	177.4	232,600	67.0	174.1	240,000
105	61.8	174.4	214,700	65.2	171.0	221,600
110	60.0	171.3	198,800	63.4	167.8	205,000
115	58.2	167.9	184,400	61.5	164.3	190,100
120	56.4	164.2	171,300	59.6	160.6	176,600
125	54.5	160.3	159,400	57.7	156.6	164,200
130	52.5	156.2	148,500	55.7	152.3	152,900
135	50.5	151.7	138,500	53.6	147.7	142,500
140	48.4	146.9	129,200	51.5	142.8	132,900
145	46.3	141.7	120,700	49.3	137.4	123,900
150	44.0	136.1	112,700	46.9	131.6	115,600
155	41.7	130.1	105,300	44.5	125.4	107,900
160	39.2	123.5	98,300	41.9	118.5	100,600
165	36.6	116.2	91,800	39.1	110.8	93,700
170	33.7	108.1	85,700	36.1	102.3	87,200
175	30.6	99.1	79,300*			
180	27.1	88.6	72,700*			
185	23.1	76.1	66,300*			

50 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 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	250,000	71.2	198.7	258,100*
100	66.6	199.9	229,900	69.7	196.3	238,100
105	65.1	197.3	212,000	68.1	193.6	219,500
110	63.5	194.5	195,900	66.5	190.8	202,900
115	61.9	191.5	181,400	64.9	187.8	187,800
120	60.3	188.4	168,300	63.3	184.5	174,200
125	58.7	185.0	156,300	61.6	181.1	161,800
130	57.0	181.5	145,300	59.9	177.5	150,400
135	55.3	177.7	135,300	58.2	173.6	140,000
140	53.6	173.6	126,000	56.4	169.4	130,300
145	51.8	169.3	117,400	54.5	165.0	121,400
150	50.0	164.8	109,500	52.6	160.3	113,100
155	48.1	159.9	102,000	50.7	155.3	105,300
160	46.1	154.7	95,100	48.7	149.9	98,100
165	44.1	149.1	88,600	46.5	144.1	91,300
170	41.9	143.0	82,500	44.3	137.8	84,800
175	39.7	136.5	76,400*	42.0	131.0	78,800
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*			

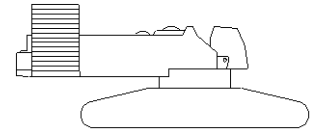


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Liftcrane Jib Capacities

**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
360 Degree Rating**

**Meets
ANSI B30.5
Requirements**



50 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 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	227,400	71.8	218.0	236,400
105	67.6	219.5	209,300	70.4	215.6	217,600
110	66.2	217.0	193,200	69.0	213.1	200,800
115	64.8	214.4	178,600	67.6	210.4	185,700
120	63.4	211.6	165,300	66.1	207.5	171,900
125	62.0	208.7	153,300	64.6	204.5	159,400
130	60.5	205.5	142,300	63.1	201.3	148,000
135	59.0	202.2	132,100	61.6	197.9	137,400
140	57.5	198.7	122,800	60.1	194.4	127,700
145	55.9	195.0	114,200	58.5	190.6	118,700
150	54.4	191.1	106,200	56.9	186.5	110,400
155	52.8	186.9	98,700	55.2	182.3	102,600
160	51.1	182.5	91,700	53.5	177.8	95,300
165	49.4	177.9	85,200	51.8	173.0	88,500
170	47.7	172.9	79,100	50.0	167.8	82,100
175	45.9	167.7	72,700*	48.1	162.4	76,100
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 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 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	224,700	73.2	240.1	234,300
105	69.3	241.6	206,600	71.9	237.9	215,600
110	68.0	239.4	190,400	70.7	235.7	198,700
115	66.8	237.0	175,800	69.4	233.3	183,600
120	65.5	234.5	162,500	68.1	230.7	169,800
125	64.2	231.9	150,500	66.8	228.0	157,300
130	62.9	229.1	139,500	65.4	225.2	145,800
135	61.6	226.1	129,400	64.1	222.2	135,300
140	60.2	223.0	120,000	62.7	219.0	125,600
145	58.9	219.8	111,400	61.3	215.7	116,600
150	57.5	216.3	103,400	59.9	212.1	108,300
155	56.1	212.7	96,000	58.5	208.4	100,500
160	54.6	208.9	89,000	57.0	204.5	93,200
165	53.2	204.8	82,500	55.5	200.4	86,500
170	51.7	200.6	76,500	54.0	196.1	80,100
175	50.1	196.1	69,800*	52.4	191.5	74,100
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*			

Manitowoc Cranes, Inc.

Manitowoc, Wisconsin 54220 U.S.A.

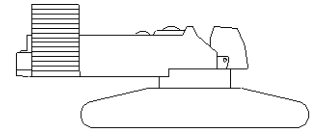


Liftcrane Jib Capacities

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
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000



50 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 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	221,900	74.6	261.3	231,400*
105	71.0	263.2	203,700	73.5	259.3	213,400
110	69.9	261.1	187,400	72.3	257.3	196,500
115	68.7	259.0	172,700	71.1	255.1	181,200
120	67.6	256.7	159,400	69.9	252.8	167,300
125	66.4	254.3	147,300	68.8	250.3	154,700
130	65.2	251.7	136,200	67.5	247.7	143,100
135	64.0	249.1	126,000	66.3	245.0	132,500
140	62.8	246.3	116,700	65.1	242.2	122,800
145	61.6	243.3	108,000	63.8	239.2	113,700
150	60.3	240.2	100,000	62.6	236.0	105,300
155	59.1	237.0	92,500	61.3	232.7	97,500
160	57.8	233.6	85,400*	60.0	229.2	90,200
165	56.5	230.0	78,300*	58.7	225.6	83,400
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*

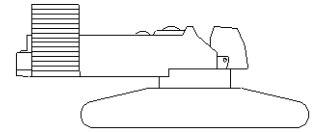


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Liftcrane Jib Capacities

**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
360 Degree Rating**

**Meets
ANSI B30.5
Requirements**



70 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 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	237,600	71.5	196.1	246,800
105	66.0	197.1	219,600	69.9	193.4	228,100
110	64.5	194.3	203,400	68.3	190.6	211,300
115	62.9	191.3	188,800	66.7	187.6	196,200
120	61.3	188.2	175,600	65.1	184.4	182,400
125	59.7	184.8	163,600	63.4	180.9	169,900
130	58.0	181.3	152,600	61.7	177.3	158,500
135	56.3	177.5	142,400	60.0	173.4	147,900
140	54.5	173.4	133,100	58.2	169.2	138,200
145	52.8	169.1	124,500	56.3	164.8	129,200
150	50.9	164.6	116,500	54.4	160.1	120,800
155	49.0	159.7	109,000	52.5	155.1	113,000
160	47.0	154.4	102,000	50.4	149.7	105,600
165	45.0	148.8	95,500	48.3	143.8	98,800
170	42.9	142.8	89,300	46.1	137.6	92,300
175	40.6	136.2	83,500	43.8	130.7	86,200
180	38.3	129.1	78,100	41.3	123.3	80,400
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 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 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	235,200	73.6	217.5	245,400
105	68.7	219.2	217,000	72.2	215.2	226,500
110	67.3	216.7	200,800	70.8	212.6	209,500
115	65.9	214.1	186,100	69.4	209.9	194,200
120	64.5	211.3	172,800	67.9	207.1	180,400
125	63.0	208.4	160,600	66.4	204.1	167,700
130	61.5	205.2	149,500	64.9	200.9	156,200
135	60.1	201.9	139,400	63.4	197.5	145,500
140	58.5	198.4	130,000	61.9	193.9	135,700
145	57.0	194.7	121,300	60.3	190.1	126,600
150	55.4	190.8	113,200	58.7	186.0	118,200
155	53.8	186.6	105,700	57.0	181.8	110,300
160	52.1	182.2	98,700	55.3	177.2	103,000
165	50.4	177.5	92,100	53.5	172.4	96,100
170	48.7	172.6	86,000	51.7	167.3	89,600
175	46.9	167.3	80,200	49.9	161.8	83,500
180	45.0	161.6	74,700*	47.9	156.0	77,800
185	43.1	155.6	68,700*	45.9	149.7	72,300
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*			

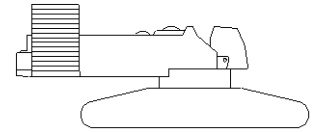


Liftcrane Jib Capacities

**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
360 Degree Rating**

**Meets
ANSI B30.5
Requirements**

18000



70 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 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	233,100	75.3	238.7	243,200*
105	70.8	240.9	214,800	74.0	236.6	225,000
110	69.5	238.7	198,300	72.7	234.3	207,900
115	68.3	236.3	183,500	71.4	231.9	192,400
120	67.0	233.8	170,100	70.1	229.3	178,400
125	65.7	231.1	157,800	68.8	226.6	165,700
130	64.4	228.3	146,600	67.5	223.7	154,000
135	63.0	225.4	136,400	66.1	220.7	143,200
140	61.7	222.3	126,900	64.7	217.5	133,300
145	60.3	219.0	118,200	63.3	214.2	124,200
150	58.9	215.5	110,000	61.9	210.6	115,700
155	57.5	211.9	102,500	60.5	206.9	107,800
160	56.1	208.0	95,400	59.0	202.9	100,400
165	54.6	204.0	88,800	57.5	198.8	93,400
170	53.1	199.7	82,600	55.9	194.4	86,900
175	51.6	195.2	76,800	54.3	189.8	80,800
180	50.0	190.5	70,800*	52.7	184.9	75,000
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 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 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	211,700	75.0	258.6	222,700
110	70.8	260.8	195,200	73.9	256.6	205,600
115	69.7	258.6	180,400	72.7	254.4	190,100
120	68.5	256.3	167,000	71.5	252.0	176,000
125	67.3	253.9	154,700	70.3	249.6	163,300
130	66.1	251.4	143,600	69.1	247.0	151,600
135	64.9	248.7	133,300	67.9	244.3	140,800
140	63.7	245.9	123,800	66.6	241.4	130,900
145	62.5	242.9	115,100	65.4	238.4	121,800
150	61.3	239.8	107,000	64.1	235.2	113,300
155	60.0	236.6	99,400	62.8	231.9	105,300
160	58.7	233.2	92,400	61.5	228.4	97,900
165	57.4	229.6	85,800	60.2	224.8	91,000
170	56.1	225.8	79,600	58.8	220.9	84,500
175	54.7	221.9	73,800*	57.5	216.9	78,400
180	53.4	217.8	67,500*	56.1	212.7	72,700
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*

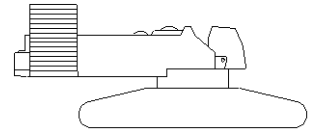


18000

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
360 Degree Rating**

**Meets
ANSI B30.5
Requirements**



90 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 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	240,300	74.7	218.3	251,100*
105	69.0	219.5	222,200	73.3	215.9	232,400
110	67.6	217.0	205,900	71.9	213.4	215,400
115	66.2	214.4	191,200	70.5	210.7	200,200
120	64.8	211.6	178,000	69.0	207.9	186,300
125	63.3	208.6	165,900	67.6	204.9	173,700
130	61.9	205.5	154,800	66.1	201.7	162,100
135	60.4	202.2	144,600	64.5	198.3	151,500
140	58.9	198.7	135,300	63.0	194.7	141,700
145	57.3	195.0	126,600	61.4	190.9	132,600
150	55.7	191.0	118,600	59.8	186.9	124,200
155	54.1	186.9	111,100	58.2	182.7	116,400
160	52.5	182.5	104,100	56.5	178.2	109,000
165	50.8	177.8	97,600	54.7	173.4	102,200
170	49.0	172.9	91,400	52.9	168.3	95,700
175	47.2	167.6	85,700	51.1	162.9	89,600
180	45.4	162.0	80,200	49.1	157.1	83,900
185	43.4	156.0	75,100	47.1	150.8	78,400
190	41.4	149.5	69,500*	45.0	144.1	73,300
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 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 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	238,200	76.5	239.3	249,000*
105	71.2	241.1	219,900	75.2	237.1	231,100
110	70.0	238.9	203,500	73.9	234.8	214,000
115	68.7	236.5	188,700	72.6	232.4	198,500
120	67.4	234.0	175,300	71.3	229.9	184,500
125	66.1	231.4	163,100	70.0	227.2	171,700
130	64.8	228.6	151,900	68.7	224.3	160,100
135	63.5	225.6	141,700	67.3	221.3	149,300
140	62.1	222.5	132,200	66.0	218.1	139,400
145	60.8	219.2	123,500	64.6	214.7	130,300
150	59.4	215.8	115,400	63.1	211.2	121,800
155	58.0	212.1	107,800	61.7	207.5	113,800
160	56.5	208.3	100,800	60.2	203.6	106,400
165	55.1	204.2	94,200	58.7	199.4	99,500
170	53.5	200.0	88,100	57.2	195.0	93,000
175	52.0	195.5	82,300	55.6	190.4	86,900
180	50.4	190.7	76,800	54.0	185.5	81,100
185	48.8	185.7	71,500*	52.3	180.4	75,700
190	47.1	180.4	65,700*	50.6	174.9	70,500
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*			

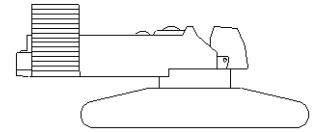


Liftcrane Jib Capacities

**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
360 Degree Rating**

**Meets
ANSI B30.5
Requirements**

18000



90 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 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	217,900	76.7	258.1	230,200
110	71.9	260.5	201,300	75.5	256.0	212,800
115	70.7	258.3	186,300	74.3	253.8	197,100
120	69.5	256.0	172,800	73.2	251.5	182,900
125	68.4	253.6	160,500	72.0	249.0	170,000
130	67.2	251.1	149,200	70.7	246.4	158,200
135	66.0	248.4	138,800	69.5	243.7	147,300
140	64.8	245.6	129,300	68.3	240.8	137,300
145	63.5	242.6	120,500	67.0	237.8	128,000
150	62.3	239.5	112,300	65.7	234.7	119,400
155	61.0	236.3	104,700	64.5	231.3	111,400
160	59.7	232.8	97,600	63.1	227.8	103,900
165	58.4	229.3	90,900	61.8	224.2	96,900
170	57.1	225.5	84,700	60.4	220.3	90,400
175	55.7	221.5	78,900	59.1	216.3	84,200
180	54.4	217.4	73,400	57.6	212.0	78,400
185	53.0	213.0	67,500*	56.2	207.5	72,900
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 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 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	214,500	77.3	279.9	227,000*
110	72.8	282.2	197,900	76.3	278.0	210,200
115	71.8	280.3	182,900	75.2	276.0	194,500
120	70.7	278.2	169,400	74.1	273.8	180,300
125	69.6	275.9	157,100	73.0	271.6	167,400
130	68.5	273.6	145,800	71.9	269.2	155,500
135	67.4	271.2	135,400	70.8	266.7	144,600
140	66.3	268.6	125,900	69.7	264.1	134,600
145	65.2	265.9	117,100	68.5	261.4	125,300
150	64.1	263.1	108,900	67.4	258.5	116,700
155	62.9	260.2	101,300	66.2	255.5	108,700
160	61.8	257.1	94,200	65.0	252.4	101,200
165	60.6	253.9	87,600	63.8	249.1	94,200
170	59.4	250.5	81,400	62.6	245.7	87,700
175	58.2	247.0	75,400*	61.4	242.1	81,500
180	57.0	243.3	69,300*	60.1	238.3	75,700
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*

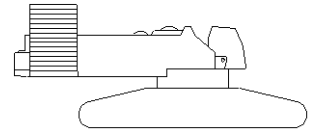


Liftcrane Jib Capacities

**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
360 Degree Rating**

**Meets
ANSI B30.5
Requirements**

18000



110 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 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	242,400	76.9	240.5	253,700*
105	70.9	241.6	224,200	75.7	238.4	235,900
110	69.6	239.4	208,000	74.4	236.1	218,900
115	68.4	237.0	193,300	73.1	233.7	203,500
120	67.1	234.5	180,000	71.8	231.2	189,600
125	65.8	231.9	167,900	70.5	228.5	177,000
130	64.5	229.1	156,900	69.2	225.6	165,400
135	63.2	226.1	146,700	67.8	222.6	154,800
140	61.8	223.0	137,400	66.5	219.5	145,000
145	60.5	219.7	128,700	65.1	216.1	135,900
150	59.1	216.3	120,700	63.7	212.6	127,500
155	57.7	212.7	113,200	62.2	208.9	119,700
160	56.2	208.8	106,300	60.8	205.0	112,300
165	54.8	204.8	99,800	59.3	200.9	105,500
170	53.3	200.6	93,700	57.7	196.6	99,100
175	51.8	196.1	87,900	56.2	192.0	93,000
180	50.2	191.4	82,500	54.6	187.2	87,300
185	48.6	186.4	77,400	52.9	182.1	81,900
190	46.9	181.1	72,600	51.2	176.6	76,800
195	45.2	175.5	67,500*	49.4	170.8	71,900
200	43.4	169.5	62,400*	47.6	164.7	67,300
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 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 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	222,100	77.3	259.2	235,000
110	71.8	260.9	205,700	76.1	257.2	217,800
115	70.6	258.8	190,900	75.0	255.0	202,200
120	69.4	256.5	177,500	73.8	252.7	188,100
125	68.3	254.1	165,300	72.6	250.2	175,300
130	67.1	251.6	154,100	71.4	247.6	163,600
135	65.9	248.9	143,800	70.2	244.9	152,800
140	64.7	246.1	134,400	68.9	242.1	142,900
145	63.4	243.1	125,700	67.7	239.1	133,700
150	62.2	240.0	117,600	66.4	235.9	125,200
155	60.9	236.8	110,000	65.1	232.6	117,300
160	59.7	233.4	103,000	63.8	229.1	109,900
165	58.4	229.8	96,400	62.5	225.5	102,900
170	57.0	226.1	90,300	61.1	221.6	96,400
175	55.7	222.1	84,500	59.8	217.6	90,300
180	54.3	218.0	79,100	58.4	213.4	84,500
185	52.9	213.6	73,900	56.9	209.0	79,100
190	51.5	209.1	68,900*	55.5	204.3	74,000
195	50.0	204.3	63,500*	54.0	199.4	69,100
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*			

Manitowoc Cranes, Inc.

Manitowoc, Wisconsin 54220 U.S.A.

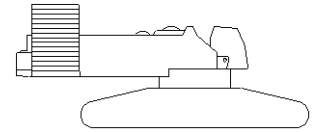


Liftcrane Jib Capacities

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
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000



110 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 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	220,300	78.6	280.0	233,400*
110	73.5	282.2	203,700	77.5	278.0	216,900
115	72.4	280.2	188,700	76.4	276.0	201,200
120	71.3	278.1	175,200	75.3	273.9	186,900
125	70.2	275.9	162,800	74.2	271.6	173,900
130	69.2	273.6	151,500	73.1	269.3	162,000
135	68.1	271.2	141,200	72.0	266.8	151,100
140	66.9	268.6	131,600	70.9	264.2	141,000
145	65.8	265.9	122,800	69.8	261.4	131,700
150	64.7	263.1	114,600	68.6	258.6	123,000
155	63.6	260.1	107,000	67.4	255.6	115,000
160	62.4	257.1	99,900	66.3	252.4	107,500
165	61.2	253.8	93,200	65.1	249.1	100,500
170	60.0	250.5	87,000	63.8	245.7	93,900
175	58.8	246.9	81,200	62.6	242.1	87,700
180	57.6	243.2	75,700	61.4	238.3	81,900
185	56.4	239.4	70,500	60.1	234.4	76,400
190	55.1	235.3	64,800*	58.8	230.3	71,200
195	53.8	231.1	59,300*	57.5	225.9	66,200
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*