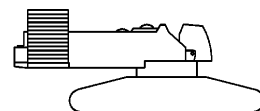


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
0 Lb. Wheeled Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With
21000 MAX-ER



LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing 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 (*).

Luffing Jib Backward Stability: Capacities indicated by (b) require 21,000 Lb. minimum weight suspended beneath luffing jib point. Capacities indicated by (c) require 37,000 Lb. minimum weight suspended beneath luffing jib point.

Caution: Do not luff into areas indicated by (b) or (c) without required minimum weights. Luffing jib will not luff down and luffing hoist wire rope may overhaul luffing jib and cause luffing hoist to go slack causing wire rope damage or failure.

Exit MAX-ER mode before operating without wheeled counterweight.

Simultaneous hoisting of both load drums is required for even block travel.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc. beneath boom and luffing jib point sheaves is considered part of luffing jib load. Boom and luffing 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. During operation, boom must be maintained at one of the selected angles shown in chart. 87 degree boom angle requires 200 Ft. minimum boom length. Refer to luffing jib assembly **No. A08238**, Wire Rope Specification chart **No. 8592-A or 8592-B**, Counterweight Arrangement chart **No. 8577-A** and Luffing Jib Raising Procedure chart **No. 8596-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 and luffing jib within angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8594-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. Luffing jib angle is angle between horizontal and centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

LUFFING JIB POINT ELEVATION: Luffing jib point elevation is vertical distance from ground level to centerline of luffing jib point shaft.

MACHINE EQUIPMENT: Machine equipped with 38 Ft. 9 in. crawlers, 60 in. treads, 30 Ft. live mast, 140 Ft. mast, 16 part boom hoist reeving, boom support straps, 24 part luffing jib hoist reeving, luffing jib and backstay support straps, 492,000 Lb. crane counterweight, 320,000 Lb. carbody counterweight and without wheeled counterweight.

Upper Luffing 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. A08516		
71,600 Lb.	60,000 Lb.	97,600 Lb.
In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacity.		

Boom and/or Jib Catwalks Deduct

Deduct 1,300 Lbs. from capacities when boom and /or jib catwalks are attached.

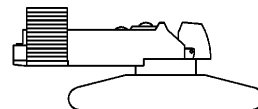


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 0 Lb. Wheeled Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



160 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds
55	72.3	255.3	534,800* b			
60	68.9	253.2	485,700* b			
65	65.3	250.8	444,400* b			
70	61.7	247.9	409,100*			
75	57.9	244.6	378,600*			
80	53.9	240.9	352,000*	64.5	248.0	332,900* b
85	49.7	236.5	328,500*	60.8	245.0	310,700*
90	45.1	231.3	307,600*	57.0	241.6	290,900*
95	40.1	225.3	288,800*	52.9	237.7	273,300*
100	34.5	217.9	271,800*	48.6	233.2	257,400*
105	27.7	208.5	256,300*	44.0	227.9	242,900*
110	18.4	194.8	241,900*	38.9	221.5	229,700
115				33.0	213.8	216,100
120				25.9	203.7	203,500
125				15.3	187.9	191,700

160 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds
60	72.9	274.7	484,300* b			
65	70.1	272.8	443,200* b			
70	67.3	270.6	408,000* b			
75	64.4	268.1	377,600*			
80	61.4	265.2	351,100*			
85	58.3	262.0	327,700*	66.6	267.9	309,100*
90	55.1	258.4	307,000*	63.7	265.3	289,500*
95	51.7	254.3	288,500*	60.7	262.3	272,000*
100	48.2	249.7	271,800*	57.5	259.0	256,200*
105	44.4	244.5	256,700*	54.3	255.3	242,000*
110	40.4	238.6	242,900*	50.9	251.1	229,000*
115	35.9	231.6	230,300*	47.3	246.4	216,000
120	30.8	223.2	217,800	43.5	241.0	203,900
125	24.7	212.6	205,800	39.4	234.9	192,800
130	16.3	197.2	194,500	34.8	227.6	182,600
135				29.5	218.8	173,200
140				23.1	207.5	164,300
145				13.5	189.8	155,800

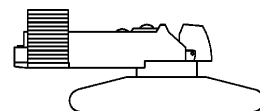
Capacities indicated by **(b)** require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 0 Lb. Wheeled Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER


160 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
70	71.0	292.3	405,200*(b)			
75	68.6	290.3	374,900*			
80	66.2	288.0	348,500*			
85	63.7	285.4	325,200*			
90	61.2	282.5	304,600*			
95	58.5	279.4	286,200*	65.6	285.2	268,900*
100	55.9	275.9	269,600*	63.1	282.6	253,200*
105	53.1	272.0	254,600*	60.6	279.6	239,100*
110	50.2	267.8	240,900*	57.9	276.4	226,200*
115	47.2	263.0	228,500*	55.2	272.8	213,800
120	43.9	257.7	216,700	52.4	268.9	201,800
125	40.5	251.8	205,000	49.5	264.5	190,900
130	36.8	245.1	194,300	46.4	259.7	180,800
135	32.8	237.3	184,400	43.2	254.2	171,600
140	28.1	228.0	175,200	39.7	248.1	163,100
145	22.5	216.3	166,600	35.9	241.2	155,200
150	14.8	199.4	158,300	31.7	233.1	147,800
155				26.9	223.4	140,800
160				21.0	210.9	134,200
165				12.2	191.5	127,700

160 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
75	71.6	311.8	373,000*			
80	69.5	309.8	346,600*			
85	67.5	307.7	323,400*			
90	65.4	305.3	302,800*			
95	63.2	302.7	284,400*			
100	61.0	299.8	267,900*	67.0	305.0	251,000*
105	58.7	296.7	252,900*	64.9	302.5	236,900*
110	56.4	293.3	239,400*	62.7	299.9	224,200*
115	54.1	289.6	227,000*	60.5	297.0	212,100
120	51.6	285.6	215,600	58.2	293.8	200,100
125	49.1	281.1	204,000	55.9	290.3	189,300
130	46.4	276.3	193,400	53.5	286.5	179,300
135	43.6	271.0	183,600	51.0	282.4	170,200
140	40.7	265.0	174,600	48.5	277.9	161,700
145	37.5	258.5	166,200	45.8	272.9	153,900
150	34.1	251.1	158,400	42.9	267.5	146,700
155	30.3	242.5	151,100	39.9	261.4	139,900
160	26.0	232.4	144,300	36.7	254.7	133,600
165	20.8	219.7	137,800	33.2	247.0	127,600
170	13.6	201.5	131,500	29.4	238.1	122,000
175				24.9	227.6	116,700
180				19.4	214.1	111,600
185				11.2	193.1	106,500

Capacities indicated by **(b)** require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

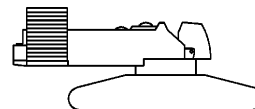


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 0 Lb. Wheeled Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



160 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
80	72.1	331.2	343,600*			
85	70.3	329.4	320,500*			
90	68.4	327.3	299,900*			
95	66.6	325.1	281,600*			
100	64.7	322.7	265,100*			
105	62.8	320.0	250,200*			
110	60.9	317.1	236,700*	66.2	322.4	220,900*
115	58.9	314.1	224,300*	64.3	319.9	209,200
120	56.9	310.7	213,000*	62.4	317.2	197,300
125	54.8	307.1	201,800	60.4	314.3	186,500
130	52.7	303.2	191,200	58.4	311.1	176,600
135	50.5	299.0	181,500	56.4	307.7	167,500
140	48.2	294.5	172,500	54.3	304.1	159,100
145	45.8	289.5	164,200	52.2	300.1	151,400
150	43.3	284.2	156,500	49.9	295.8	144,200
155	40.7	278.3	149,400	47.6	291.2	137,500
160	38.0	271.8	142,700	45.3	286.1	131,300
165	35.0	264.7	136,400	42.8	280.7	125,400
170	31.9	256.6	130,400	40.1	274.7	119,900
175	28.3	247.4	124,900	37.3	268.1	114,700
180	24.3	236.5	119,500	34.3	260.7	109,900
185	19.4	222.9	114,500	31.1	252.4	105,200
190	12.6	203.5	109,500	27.4	242.9	100,800
195				23.3	231.5	96,600
200				18.1	217.0	92,500
205				10.4	194.6	88,400

160 Ft. Boom, 190 Ft. Luffing Jib

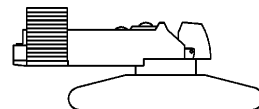
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
85	72.4	350.7	318,200*			
90	70.8	348.9	297,700*			
95	69.2	346.9	279,400*			
100	67.6	344.8	262,900*			
105	65.9	342.5	248,100*			
110	64.2	340.0	234,600*			
115	62.5	337.3	222,300*	67.2	342.1	206,900*
120	60.8	334.5	211,000*	65.5	339.7	195,200
125	59.0	331.4	200,100	63.8	337.2	184,400
130	57.2	328.1	189,500	62.1	334.5	174,500
135	55.4	324.6	179,800	60.4	331.6	165,500
140	53.5	320.8	170,900	58.6	328.5	157,100
145	51.5	316.8	162,600	56.8	325.1	149,400
150	49.5	312.4	154,900	54.9	321.5	142,300
155	47.5	307.8	147,800	53.0	317.7	135,600
160	45.4	302.8	141,100	51.1	313.6	129,400
165	43.1	297.4	134,900	49.1	309.2	123,600
170	40.8	291.5	129,100	47.0	304.5	118,100
175	38.4	285.2	123,600	44.9	299.4	113,000
180	35.8	278.2	118,400	42.6	293.9	108,200
185	33.0	270.5	113,500	40.3	287.9	103,600
190	30.0	261.8	108,800	37.8	281.4	99,300
195	26.7	252.0	104,400	35.2	274.3	95,200
200	22.9	240.4	100,200	32.3	266.4	91,300
205	18.3	226.0	96,100	29.3	257.5	87,600
210	11.9	205.3	92,000	25.8	247.3	84,100
215				21.9	235.2	80,600
220				17.0	219.8	77,300
225				9.7	196.1	73,800

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 0 Lb. Wheeled Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER


160 Ft. Boom, 210 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
90	72.7	370.1	294,700*			
95	71.3	368.3	276,400*			
100	69.8	366.4	260,000*			
105	68.4	364.4	245,100*			
110	66.9	362.2	231,700*			
115	65.4	359.9	219,400*			
120	63.8	357.3	208,100*			
125	62.3	354.6	197,600	66.5	359.5	181,400
130	60.7	351.8	187,100	65.0	357.1	171,600
135	59.1	348.7	177,400	63.5	354.5	162,600
140	57.5	345.5	168,500	61.9	351.8	154,300
145	55.8	342.0	160,200	60.3	348.9	146,600
150	54.1	338.4	152,600	58.7	345.8	139,400
155	52.4	334.4	145,400	57.1	342.5	132,800
160	50.6	330.3	138,800	55.4	339.0	126,600
165	48.8	325.8	132,600	53.7	335.3	120,900
170	46.9	321.1	126,800	52.0	331.3	115,400
175	45.0	316.0	121,300	50.2	327.1	110,400
180	43.0	310.6	116,200	48.4	322.6	105,600
185	40.9	304.8	111,300	46.5	317.8	101,100
190	38.7	298.5	106,800	44.5	312.6	96,800
195	36.4	291.6	102,400	42.5	307.1	92,800
200	33.9	284.2	98,300	40.4	301.2	88,900
205	31.3	276.0	94,300	38.2	294.8	85,300
210	28.4	266.8	90,600	35.8	287.8	81,800
215	25.3	256.3	87,000	33.3	280.2	78,500
220	21.7	244.1	83,500	30.7	271.8	75,300
225	17.3	228.8	80,100	27.7	262.3	72,300
230	11.2	207.1	76,700	24.5	251.5	69,300
235				20.7	238.7	66,500
240				16.1	222.4	63,700
245				9.2	197.4	60,600*

160 Ft. Boom, 230 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
95	73.0	389.5	274,100*			
100	71.7	387.8	257,700*			
105	70.3	386.0	242,800*			
110	69.0	384.0	229,400*			
115	67.6	381.9	217,100*			
120	66.3	379.6	205,900*			
125	64.9	377.2	195,500*			
130	63.5	374.7	185,000	67.3	379.2	169,300
135	62.1	372.0	175,400	66.0	376.9	160,300
140	60.6	369.1	166,500	64.6	374.5	152,000
145	59.2	366.1	158,200	63.2	371.9	144,300
150	57.7	362.8	150,600	61.8	369.1	137,200
155	56.2	359.4	143,500	60.3	366.2	130,600
160	54.7	355.8	136,900	58.9	363.1	124,400
165	53.1	352.0	130,700	57.4	359.9	118,700
170	51.5	348.0	124,900	55.9	356.4	113,300
175	49.9	343.7	119,400	54.3	352.8	108,200
180	48.2	339.2	114,300	52.7	348.9	103,400
185	46.5	334.4	109,500	51.1	344.9	99,000
190	44.7	329.3	104,900	49.5	340.5	94,700
195	42.8	323.8	100,600	47.8	335.9	90,700
200	40.9	318.0	96,500	46.1	331.0	86,900
205	38.9	311.8	92,600	44.3	325.9	83,300
210	36.8	305.1	88,900	42.4	320.3	79,800
215	34.7	297.8	85,400	40.5	314.4	76,600
220	32.3	289.9	82,000	38.5	308.1	73,400
225	29.8	281.2	78,800	36.4	301.3	70,500
230	27.1	271.5	75,700	34.1	293.9	67,600
235	24.1	260.5	72,700	31.8	285.8	64,700*
240	20.6	247.6	69,800	29.2	276.9	61,700*
245	16.5	231.6	67,000	26.4	266.9	58,900*
250	10.6	208.7	64,100	23.3	255.5	56,200*
255				19.8	242.0	53,500*
260				15.3	224.9	50,800*

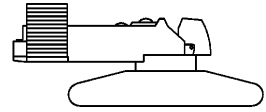


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 0 Lb. Wheeled Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



160 Ft. Boom, 250 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
105	72.0	407.2	239,800*			
110	70.8	405.4	226,400*			
115	69.5	403.5	214,100*			
120	68.3	401.5	202,900*			
125	67.0	399.3	192,600*			
130	65.8	397.0	182,500			
135	64.5	394.6	172,800			
140	63.2	392.0	163,900	66.8	396.6	149,000
145	61.9	389.3	155,700	65.5	394.3	141,400
150	60.6	386.4	148,000	64.2	391.8	134,300
155	59.3	383.4	141,000	62.9	389.2	127,700
160	57.9	380.2	134,300	61.6	386.5	121,500
165	56.5	376.8	128,200	60.3	383.5	115,800
170	55.1	373.3	122,400	58.9	380.5	110,400
175	53.7	369.6	117,000	57.6	377.3	105,400
180	52.2	365.6	111,800	56.2	373.9	100,600
185	50.7	361.5	107,000	54.8	370.3	96,200
190	49.2	357.1	102,500	53.4	366.5	91,900
195	47.7	352.5	98,200	51.9	362.5	87,900
200	46.1	347.7	94,100	50.4	358.3	84,200
205	44.4	342.5	90,300	48.9	353.9	80,600
210	42.7	337.0	86,600	47.3	349.2	77,200
215	41.0	331.2	83,100	45.7	344.3	73,800*
220	39.1	325.1	79,700	44.0	339.1	70,400*
225	37.2	318.5	76,500	42.3	333.6	67,200*
230	35.3	311.3	73,500	40.5	327.7	64,100*
235	33.2	303.7	70,600	38.7	321.4	61,100*
240	30.9	295.3	67,800	36.8	314.7	58,200*
245	28.5	286.2	65,100	34.8	307.4	55,500*
250	25.9	276.0	62,400	32.7	299.6	52,800*
255	23.0	264.4	59,900	30.4	291.1	50,300*
260	19.7	250.9	57,300*	28.0	281.7	47,800*
270	10.1	210.3	51,800*	22.3	259.3	43,000*
280				14.6	227.4	38,400*

160 Ft. Boom, 270 Ft. Luffing Jib

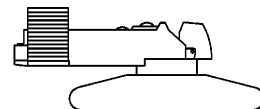
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
110	72.2	426.6	207,600*			
115	71.1	424.9	207,100*			
120	70.0	423.0	200,500*			
125	68.8	421.0	190,200*			
130	67.7	419.0	180,300			
135	66.5	416.7	170,700			
140	65.4	414.4	161,800			
145	64.2	411.9	153,500	67.4	416.3	139,000
150	63.0	409.3	145,900	66.3	414.0	131,900
155	61.8	406.6	138,800	65.1	411.6	125,300
160	60.6	403.7	132,200	63.9	409.2	119,200
165	59.3	400.7	126,000	62.7	406.5	113,500
170	58.1	397.5	120,300	61.5	403.8	108,100
175	56.8	394.2	114,800	60.3	400.9	103,100
180	55.5	390.7	109,700	59.0	397.8	98,300
185	54.2	387.1	104,900	57.8	394.6	93,900
190	52.8	383.2	100,400	56.5	391.3	89,700
195	51.5	379.2	96,100	55.2	387.7	85,700
200	50.1	375.0	92,000	53.9	384.0	81,700*
205	48.7	370.5	88,200	52.5	380.1	77,900*
210	47.2	365.9	84,500	51.2	376.1	74,200*
215	45.7	360.9	81,000	49.8	371.8	70,700*
220	44.2	355.7	77,700	48.3	367.3	67,300*
225	42.6	350.3	74,600	46.9	362.6	64,100*
230	41.0	344.5	71,500	45.4	357.6	61,100*
235	39.3	338.3	68,600	43.8	352.3	58,100*
240	37.6	331.8	65,900	42.3	346.8	55,300*
245	35.8	324.8	63,200	40.6	340.9	52,600*
250	33.8	317.4	60,400*	38.9	334.7	50,000*
255	31.8	309.3	57,600*	37.2	328.0	47,500*
260	29.7	300.5	54,900*	35.3	321.0	45,000*
270	24.9	280.3	49,900*	31.3	305.1	40,400*
280	18.9	254.1	45,000*	26.8	286.4	36,100*
290	9.7	211.8	40,200*	21.4	263.0	31,900*
300				14.0	229.7	27,900*

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 0 Lb. Wheeled Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



160 Ft. Boom 290 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
115	72.5	446.1	177,200*			
120	71.4	444.4	176,700*			
125	70.4	442.5	176,100*			
130	69.3	440.6	175,400*			
135	68.2	438.5	168,100			
140	67.2	436.4	159,200			
145	66.1	434.1	150,900			
150	65.0	431.8	143,300			
155	63.9	429.3	136,200	66.9	433.7	122,400
160	62.8	426.7	129,600	65.8	431.4	116,200
165	61.7	423.9	123,400	64.7	429.0	110,500
170	60.5	421.0	117,700	63.6	426.5	105,200
175	59.4	418.0	112,300	62.5	423.9	100,200
180	58.2	414.9	107,200	61.4	421.1	95,200*
185	57.0	411.6	102,400	60.2	418.2	90,500*
190	55.8	408.2	97,800	59.1	415.1	86,000*
195	54.6	404.6	93,600	57.9	412.0	81,800*
200	53.4	400.8	89,500	56.7	408.6	77,700*
205	52.1	396.9	85,700	55.5	405.2	73,900*
210	50.8	392.7	82,000	54.3	401.5	70,200*
215	49.5	388.4	78,500	53.1	397.7	66,800*
220	48.2	383.9	75,200	51.8	393.7	63,400*
225	46.8	379.2	72,100	50.5	389.6	60,200*
230	45.4	374.2	69,000*	49.2	385.2	57,200*
235	44.0	369.0	65,800*	47.9	380.7	54,300*
240	42.5	363.5	62,700*	46.5	375.9	51,500*
245	41.0	357.7	59,800*	45.1	370.8	48,800*
250	39.5	351.6	57,000*	43.7	365.6	46,200*
255	37.9	345.1	54,200*	42.2	360.0	43,700*
260	36.2	338.3	51,600*	40.7	354.1	41,300*
270	32.6	323.1	46,600*	37.5	341.4	36,800*
280	28.6	305.5	42,000*	34.0	327.0	32,500*
290	24.0	284.4	37,600*	30.2	310.5	28,600*
300	18.2	257.2	33,300*	25.8	290.9	24,800*
310	9.3	213.3	29,100*	20.6	266.5	21,200*
320				13.5	231.9	17,600*

160 Ft. Boom 310 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
120	72.7	465.5	153,200*
125	71.7	463.8	152,600*
130	70.7	462.0	152,000*
135	69.7	460.1	151,300*
140	68.7	458.1	150,600*
145	67.7	456.0	148,100*
150	66.7	453.9	141,100
155	65.7	451.5	134,000
160	64.7	449.1	127,400
165	63.6	446.6	121,200
170	62.6	444.0	115,400
175	61.5	441.2	110,000
180	60.5	438.4	104,900
185	59.4	435.4	100,100
190	58.3	432.2	95,600
195	57.2	429.0	91,300
200	56.1	425.6	87,300
205	55.0	422.0	83,400
210	53.8	418.3	79,800
215	52.6	414.5	76,300
220	51.5	410.4	72,700*
225	50.2	406.2	69,300*
230	49.0	401.9	65,900*
235	47.8	397.3	62,800*
240	46.5	392.5	59,700*
245	45.2	387.5	56,800*
250	43.8	382.2	54,000*
255	42.5	376.7	51,300*
260	41.1	371.0	48,700*
270	38.1	358.5	43,800*
280	34.9	344.5	39,200*
290	31.5	328.7	34,900*
300	27.6	310.4	30,800*
310	23.1	288.4	27,000*
320	17.6	260.2	23,200*
330	9.0	214.7	19,500*

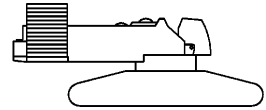


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 0 Lb. Wheeled Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



180 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
60	70.1	273.9	481,600* b			
65	66.6	271.6	440,600* b			
70	63.0	268.9	405,700* b			
75	59.2	265.8	375,400*			
80	55.3	262.2	349,000*	67.0	269.5	326,900* b
85	51.2	258.0	325,700*	63.4	266.8	305,100* b
90	46.7	253.1	304,900*	59.7	263.7	285,700*
95	41.9	247.4	286,400*	55.8	260.2	268,300*
100	36.5	240.6	269,600*	51.6	256.1	252,700*
105	30.2	232.1	254,300*	47.3	251.3	238,500*
110	22.1	220.3	240,100*	42.5	245.7	225,600*
115				37.2	239.1	212,600
120				31.0	230.7	200,400
125				23.2	219.5	189,000
130				9.2	198.1	177,800

180 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
65	71.1	293.4	439,200* b			
70	68.3	291.3	404,400* b			
75	65.4	288.9	374,300*			
80	62.4	286.2	348,000*			
85	59.4	283.1	324,800*			
90	56.2	279.6	304,300*	65.7	286.8	284,000*
95	52.9	275.7	285,900*	62.8	284.1	266,800*
100	49.4	271.3	269,300*	59.7	281.1	251,300*
105	45.8	266.4	254,400*	56.6	277.6	237,300*
110	41.8	260.7	240,700*	53.3	273.8	224,600*
115	37.5	254.1	228,200*	49.8	269.5	212,200
120	32.7	246.2	216,500	46.2	264.5	200,300
125	27.0	236.6	204,600	42.3	258.9	189,400
130	19.7	223.4	193,500	38.0	252.5	179,400
135				33.3	244.8	170,200
140				27.7	235.4	161,600
145				20.7	222.8	153,400
150				7.9	198.8	145,200

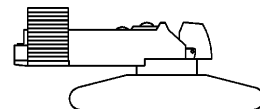
Capacities indicated by **(b)** require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 0 Lb. Wheeled Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



180 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
70	71.8	312.9	401,500*(b)			
75	69.4	310.9	371,500*			
80	67.0	308.7	345,300*			
85	64.6	306.2	322,200*			
90	62.0	303.5	301,800*			
95	59.5	300.4	283,500*	67.3	306.6	263,500*
100	56.8	297.1	267,000*	64.8	304.1	248,200*
105	54.1	293.3	252,200*	62.3	301.4	234,300*
110	51.2	289.2	238,700*	59.8	298.4	221,600*
115	48.2	284.6	226,300*	57.1	295.1	209,800
120	45.1	279.6	215,000*	54.4	291.4	198,000
125	41.8	273.9	203,600	51.5	287.3	187,200
130	38.2	267.4	193,000	48.6	282.8	177,400
135	34.2	260.0	183,100	45.5	277.8	168,300
140	29.8	251.4	174,000	42.1	272.2	160,000
145	24.6	240.7	165,500	38.6	265.8	152,200
150	17.9	226.3	157,400	34.7	258.5	145,000
155				30.3	250.0	138,200
160				25.3	239.6	131,800
165				18.8	225.8	125,600
170				7.0	199.5	119,300

180 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
75	72.3	332.3	369,400*			
80	70.3	330.5	343,300*			
85	68.2	328.4	320,300*			
90	66.1	326.1	299,900*			
95	64.0	323.6	281,700*			
100	61.8	320.8	265,300*			
105	59.5	317.8	250,500*	66.3	324.0	232,000*
110	57.3	314.5	237,000*	64.2	321.5	219,500*
115	54.9	310.9	224,700*	62.0	318.7	207,900
120	52.5	306.9	213,500*	59.8	315.7	196,200
125	50.0	302.6	202,500	57.5	312.4	185,500
130	47.3	298.0	191,900	55.2	308.9	175,700
135	44.6	292.8	182,200	52.8	305.0	166,800
140	41.7	287.1	173,300	50.2	300.7	158,500
145	38.6	280.8	165,000	47.6	296.1	150,800
150	35.3	273.7	157,200	44.9	291.0	143,700
155	31.7	265.6	150,000	42.0	285.4	137,000
160	27.6	256.1	143,200	39.0	279.1	130,800
165	22.7	244.5	136,800	35.7	272.1	125,000
170	16.5	228.9	130,600	32.1	264.1	119,500
175				28.1	254.8	114,300
180				23.4	243.5	109,300
185				17.3	228.6	104,500
190				6.3	200.2	99,500

Capacities indicated by **(b)** require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

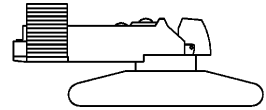


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 0 Lb. Wheeled Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



180 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
80	72.7	351.8	340,200*			
85	70.9	350.0	317,300*			
90	69.1	348.0	296,900*			
95	67.2	345.8	278,700*			
100	65.4	343.5	262,400*			
105	63.5	340.9	247,600*			
110	61.6	338.1	234,200*	67.5	343.7	216,100*
115	59.6	335.1	222,000*	65.6	341.3	204,700*
120	57.6	331.8	210,800*	63.7	338.8	193,300
125	55.5	328.3	200,300	61.8	336.0	182,600
130	53.4	324.5	189,800	59.8	333.0	172,900
135	51.2	320.5	180,100	57.8	329.8	164,000
140	49.0	316.0	171,200	55.8	326.3	155,800
145	46.7	311.2	162,900	53.7	322.6	148,100
150	44.2	306.0	155,300	51.5	318.5	141,100
155	41.7	300.3	148,200	49.2	314.1	134,500
160	39.0	294.1	141,500	46.9	309.4	128,400
165	36.1	287.2	135,300	44.5	304.2	122,600
170	33.0	279.5	129,400	42.0	298.6	117,200
175	29.6	270.7	123,900	39.3	292.4	112,200
180	25.8	260.5	118,600	36.4	285.6	107,400
185	21.2	248.0	113,600	33.4	278.0	102,800
190	15.4	231.3	108,700	30.0	269.4	98,500
195				26.2	259.3	94,400
200				21.8	247.2	90,400
205				16.2	231.2	86,500
210				5.8	200.8	82,400

180 Ft. Boom, 190 Ft. Luffing Jib

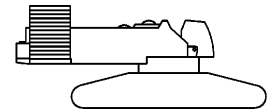
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
85	73.0	371.2	315,000*			
90	71.4	369.4	294,700*			
95	69.8	367.5	276,500*			
100	68.1	365.5	260,200*			
105	66.5	363.2	245,500*			
110	64.8	360.8	232,100*			
115	63.1	358.2	219,900*			
120	61.4	355.4	208,700*	66.7	361.1	191,000
125	59.6	352.4	198,500*	65.0	358.7	180,400
130	57.8	349.2	188,000	63.3	356.1	170,700
135	56.0	345.8	178,300	61.6	353.3	161,800
140	54.1	342.1	169,500	59.8	350.4	153,700
145	52.2	338.1	161,200	58.1	347.2	146,100
150	50.3	333.9	153,600	56.2	343.8	139,000
155	48.2	329.4	146,600	54.4	340.1	132,500
160	46.1	324.5	139,900	52.4	336.2	126,400
165	43.9	319.2	133,800	50.5	332.0	120,700
170	41.6	313.5	128,000	48.5	327.5	115,400
175	39.2	307.4	122,500	46.4	322.7	110,300
180	36.7	300.6	117,400	44.2	317.5	105,600
185	34.0	293.2	112,500	41.9	311.8	101,100
190	31.1	284.9	107,900	39.5	305.7	96,900
195	27.9	275.5	103,500	37.0	299.0	92,900
200	24.3	264.6	99,300	34.3	291.7	89,100
205	20.0	251.4	95,200	31.4	283.5	85,400
210	14.4	233.6	91,300	28.3	274.2	81,900
215				24.7	263.5	78,600
220				20.5	250.6	75,400
225				15.2	233.6	72,200
230				5.4	201.4	68,700

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 0 Lb. Wheeled Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



180 Ft. Boom, 210 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
95	71.8	388.9	273,500*			
100	70.3	387.0	257,200*			
105	68.9	385.0	242,500*			
110	67.4	382.9	229,100*			
115	65.9	380.6	217,000*			
120	64.4	378.2	205,800*			
125	62.8	375.5	195,600*	67.6	380.8	177,400
130	61.3	372.7	185,500	66.1	378.5	167,700
135	59.7	369.7	175,900	64.5	376.0	158,800
140	58.1	366.6	167,000	63.0	373.4	150,700
145	56.4	363.2	158,800	61.4	370.6	143,100
150	54.7	359.6	151,200	59.9	367.7	136,100
155	53.0	355.7	144,100	58.2	364.5	129,600
160	51.3	351.7	137,600	56.6	361.2	123,600
165	49.4	347.3	131,400	54.9	357.6	117,900
170	47.6	342.7	125,600	53.2	353.8	112,600
175	45.7	337.8	120,200	51.5	349.7	107,600
180	43.7	332.5	115,100	49.7	345.4	102,900
185	41.6	326.8	110,300	47.8	340.8	98,500
190	39.5	320.7	105,700	45.9	335.9	94,300
195	37.2	314.0	101,400	43.9	330.7	90,300
200	34.8	306.8	97,300	41.9	325.0	86,500
205	32.2	298.9	93,400	39.7	319.0	83,000
210	29.5	290.0	89,700	37.5	312.4	79,600
215	26.4	280.1	86,100	35.1	305.2	76,300
220	23.0	268.5	82,700	32.5	297.4	73,200
225	18.9	254.5	79,400	29.8	288.7	70,200
230	13.7	235.8	76,100	26.8	278.9	67,300
235				23.4	267.5	64,600
240				19.4	253.9	61,900
245				14.4	236.0	59,000*
250				5.0	202.0	55,600*

180 Ft. Boom, 230 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
100	72.1	408.3	254,400*			
105	70.8	406.5	240,100*			
110	69.5	404.6	226,800*			
115	68.1	402.5	214,600*			
120	66.8	400.3	203,500*			
125	65.4	398.0	193,300*			
130	64.0	395.5	183,400			
135	62.6	392.9	173,800	66.9	398.2	156,500
140	61.2	390.0	165,000	65.5	395.9	148,300
145	59.7	387.1	156,800	64.1	393.4	140,800
150	58.2	383.9	149,200	62.7	390.7	133,800
155	56.7	380.6	142,100	61.3	388.0	127,300
160	55.2	377.0	135,600	59.9	385.0	121,300
165	53.7	373.3	129,400	58.4	381.9	115,600
170	52.1	369.4	123,700	56.9	378.6	110,300
175	50.4	365.2	118,300	55.4	375.0	105,400
180	48.8	360.7	113,200	53.8	371.3	100,700
185	47.1	356.0	108,400	52.2	367.4	96,300
190	45.3	351.0	103,900	50.6	363.2	92,100
195	43.5	345.7	99,600	49.0	358.8	88,200
200	41.6	340.0	95,500	47.3	354.2	84,500
205	39.6	333.9	91,700	45.5	349.2	80,900
210	37.6	327.4	88,000	43.7	343.9	77,500
215	35.4	320.3	84,500	41.8	338.3	74,300
220	33.2	312.7	81,100	39.9	332.2	71,300
225	30.7	304.2	77,900	37.8	325.7	68,300
230	28.1	294.9	74,900	35.7	318.8	65,500
235	25.2	284.4	71,900	33.4	311.2	62,600*
240	21.9	272.2	69,000	31.0	302.9	59,700*
245	18.0	257.5	66,200	28.4	293.6	57,000*
250	13.0	237.9	63,500	25.5	283.3	54,300*
255				22.3	271.3	51,700*
260				18.5	257.0	49,100*
270				4.7	202.6	43,600*

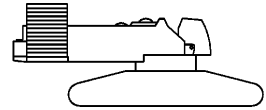


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 0 Lb. Wheeled Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



180 Ft. Boom, 250 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
105	72.4	427.7	222,900*			
110	71.2	426.0	219,800*			
115	70.0	424.1	211,600*			
120	68.7	422.1	200,500*			
125	67.5	420.0	190,300*			
130	66.2	417.7	180,800			
135	65.0	415.4	171,200			
140	63.7	412.8	162,400	67.6	417.8	145,300
145	62.4	410.2	154,200	66.4	415.6	137,800
150	61.1	407.4	146,600	65.1	413.2	130,800
155	59.7	404.4	139,600	63.8	410.7	124,300
160	58.4	401.3	133,000	62.5	408.1	118,300
165	57.0	398.0	126,900	61.2	405.3	112,700
170	55.6	394.5	121,100	59.9	402.3	107,400
175	54.2	390.8	115,800	58.5	399.2	102,500
180	52.7	387.0	110,700	57.2	395.9	97,800
185	51.3	382.9	105,900	55.8	392.5	93,400
190	49.8	378.6	101,400	54.4	388.8	89,300
195	48.2	374.1	97,100	52.9	385.0	85,400
200	46.6	369.3	93,100	51.4	381.0	81,700
205	45.0	364.3	89,200	49.9	376.7	78,100
210	43.3	358.9	85,600	48.4	372.2	74,800
215	41.6	353.2	82,100	46.8	367.5	71,400*
220	39.8	347.2	78,800	45.2	362.5	68,100*
225	37.9	340.7	75,600	43.5	357.1	64,900*
230	36.0	333.8	72,600	41.8	351.5	61,800*
235	33.9	326.3	69,700	40.0	345.5	58,900*
240	31.7	318.2	66,900	38.1	339.1	56,100*
245	29.4	309.4	64,300	36.2	332.2	53,400*
250	26.9	299.6	61,700	34.1	324.8	50,800*
255	24.1	288.5	59,200	32.0	316.8	48,300*
260	21.0	275.8	56,700	29.7	308.0	45,900*
270	12.4	239.9	51,600*	24.4	287.5	41,200*
280				17.7	260.0	36,700*
290				4.5	203.1	31,900*

180 Ft. Boom, 270 Ft. Luffing Jib

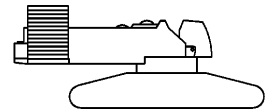
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
110	72.6	447.2	191,700*			
115	71.5	445.4	191,400*			
120	70.4	443.6	190,300*			
125	69.2	441.7	187,500*			
130	68.1	439.6	178,500*			
135	66.9	437.5	169,000			
140	65.8	435.1	160,200			
145	64.6	432.7	152,000			
150	63.4	430.2	144,400	67.1	435.3	128,400
155	62.2	427.5	137,400	65.9	433.0	121,900
160	61.0	424.7	130,800	64.7	430.6	115,900
165	59.7	421.7	124,700	63.5	428.1	110,300
170	58.5	418.6	119,000	62.3	425.4	105,000
175	57.2	415.3	113,600	61.1	422.6	100,100
180	55.9	411.9	108,500	59.9	419.6	95,400
185	54.6	408.3	103,800	58.6	416.5	91,100
190	53.3	404.5	99,300	57.4	413.3	86,900
195	52.0	400.6	95,000	56.1	409.9	83,000
200	50.6	396.4	91,000	54.8	406.3	79,100*
205	49.2	392.0	87,200	53.5	402.6	75,300*
210	47.7	387.5	83,500	52.1	398.6	71,700*
215	46.2	382.6	80,100	50.7	394.5	68,200*
220	44.7	377.5	76,800	49.3	390.1	64,900*
225	43.2	372.1	73,600	47.9	385.6	61,800*
230	41.6	366.5	70,600	46.4	380.8	58,800*
235	39.9	360.4	67,800	44.9	375.7	55,900*
240	38.2	354.0	65,000	43.4	370.4	53,100*
245	36.4	347.2	62,400	41.8	364.7	50,500*
250	34.5	339.9	59,800	40.1	358.7	47,900*
255	32.5	332.1	57,200*	38.4	352.4	45,400*
260	30.5	323.6	54,600*	36.6	345.6	43,000*
270	25.8	304.1	49,500*	32.8	330.6	38,500*
280	20.1	279.2	44,700*	28.5	313.0	34,300*
290	11.9	241.9	40,000*	23.4	291.5	30,200*
300				17.0	262.8	26,300*
310				4.2	203.6	22,100*

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
0 Lb. Wheeled Counterweight
360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



**180 Ft. Boom
290 Ft. Luffing Jib**

Jib Oper. Rad. Feet	85 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
115	72.8	466.6	166,200*
120	71.8	464.9	165,900*
125	70.7	463.1	165,500*
130	69.7	461.2	165,000*
135	68.6	459.2	162,700*
140	67.6	457.1	157,500
145	66.5	454.9	149,400
150	65.4	452.5	141,800
155	64.3	450.1	134,800
160	63.2	447.5	128,200
165	62.0	444.8	122,100
170	60.9	442.0	116,400
175	59.8	439.0	111,000
180	58.6	435.9	105,900
185	57.4	432.7	101,200
190	56.2	429.3	96,700
195	55.0	425.8	92,400
200	53.8	422.1	88,400
205	52.5	418.2	84,600
210	51.3	414.1	81,000
215	50.0	409.9	77,500
220	48.7	405.4	74,200
225	47.3	400.8	71,100
230	45.9	395.9	68,100
235	44.5	390.8	65,200*
240	43.1	385.4	62,200*
245	41.6	379.7	59,300*
250	40.0	373.7	56,500*
255	38.4	367.4	53,800*
260	36.8	360.6	51,200*
270	33.2	345.8	46,200*
280	29.3	328.7	41,600*
290	24.8	308.4	37,200*
300	19.4	282.5	33,000*
310	11.4	243.7	28,900*

**180 Ft. Boom
310 Ft. Luffing Jib**

Jib Oper. Rad. Feet	85 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds
125	72.0	484.3	143,900*
130	71.1	482.5	143,400*
135	70.1	480.7	142,900*
140	69.1	478.7	142,400*
145	68.1	476.7	141,500*
150	67.1	474.5	139,500
155	66.1	472.3	132,500
160	65.0	469.9	125,900
165	64.0	467.4	119,800
170	63.0	464.9	114,100
175	61.9	462.1	108,700
180	60.9	459.3	103,700
185	59.8	456.4	98,900
190	58.7	453.3	94,400
195	57.6	450.1	90,200
200	56.5	446.7	86,200
205	55.4	443.2	82,400
210	54.2	439.6	78,700
215	53.1	435.7	75,300
220	51.9	431.8	71,900*
225	50.7	427.6	68,500*
230	49.4	423.3	65,300*
235	48.2	418.8	62,100*
240	46.9	414.1	59,100*
245	45.6	409.2	56,300*
250	44.3	404.0	53,500*
255	42.9	398.6	50,900*
260	41.5	392.9	48,300*
270	38.6	380.6	43,400*
280	35.5	367.0	38,800*
290	32.1	351.5	34,500*
300	28.3	333.7	30,500*
310	24.0	312.5	26,600*
320	18.7	285.7	22,900*
330	11.0	245.5	19,300*

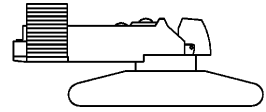


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 0 Lb. Wheeled Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



200 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	73.3	296.3	599,500*c							50
55	69.9	294.3	541,100*b							55
60	66.4	292.0	491,500*b	71.3	294.5	477,500*c				60
65	62.8	289.3	449,700*b	67.8	292.4	436,900*b				65
70	59.0	286.2	414,000*	64.2	289.8	402,200*b				70
75	55.1	282.5	383,100*	60.5	286.8	372,200*b				75
80	51.0	278.3	356,100*	56.7	283.4	346,000*				80
85	46.5	273.5	332,300*	52.6	279.4	322,900*	65.9	288.4	299,000*b	85
90	41.7	267.7	311,100*	48.3	274.8	302,300*	62.3	285.6	280,000*b	90
95	36.3	260.8	292,100*	43.6	269.5	283,900*	58.5	282.4	263,000*	95
100	29.9	252.1	274,900*	38.5	263.1	267,300*	54.5	278.7	247,600*	100
105	21.7	240.2	259,000*	32.6	255.2	252,200*	50.3	274.4	233,800*	105
110				25.3	244.9	238,200*	45.8	269.4	221,100*	110
115				14.1	228.1	225,000*	40.9	263.5	209,100	115
120							35.4	256.4	197,100	120
125							28.9	247.4	186,100	125
130							20.2	234.7	175,700	130

Capacities indicated by **(b)** require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

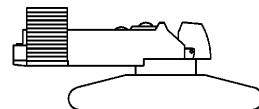
Capacities indicated by **(c)** require
 37,000 Lb. minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 0 Lb. Wheeled Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



200 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	73.7	315.7	529,200*b							55
60	71.0	313.9	490,300*b							60
65	68.1	311.8	448,700*b	72.1	314.0	435,400*b				65
70	65.3	309.3	413,100*b	69.3	312.0	400,800*b				70
75	62.3	306.6	382,300*	66.4	309.7	370,900*b				75
80	59.2	303.5	355,500*	63.5	307.1	344,900*				80
85	56.1	300.0	331,800*	60.4	304.1	321,900*				85
90	52.7	296.1	310,900*	57.3	300.8	301,500*	67.7	308.2	278,100*b	90
95	49.3	291.7	292,100*	54.1	297.1	283,300*	64.8	305.7	261,200*	95
100	45.6	286.7	275,200*	50.7	292.9	266,900*	61.8	302.9	246,100*	100
105	41.6	280.9	259,900*	47.1	288.1	252,100*	58.8	299.8	232,300*	105
110	37.3	274.3	245,900*	43.2	282.7	238,500*	55.6	296.2	219,900*	110
115	32.4	266.4	233,100*	39.1	276.4	226,200*	52.3	292.2	208,400	115
120	26.7	256.6	221,200*	34.4	269.1	214,800*	48.8	287.7	196,700	120
125	19.3	243.2	210,100*	29.1	260.1	203,700	45.0	282.6	186,000	125
130				22.5	248.5	192,800	41.0	276.8	176,200	130
135				12.5	229.9	182,300	36.6	270.0	167,100	135
140							31.7	261.9	158,700	140
145							25.8	251.7	150,800	145
150							17.9	237.4	143,300	150

Capacities indicated by **(b)** require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

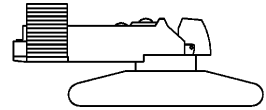


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 0 Lb. Wheeled Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



200 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.0	335.1	453,300*b							60
65	71.7	333.4	439,600*b							65
70	69.3	331.4	410,500*b	72.6	333.5	397,800*b				70
75	66.9	329.1	379,900*	70.3	331.6	368,000*b				75
80	64.4	326.7	353,100*	67.9	329.4	342,100*				80
85	61.9	323.9	329,600*	65.4	327.0	319,200*				85
90	59.3	320.8	308,700*	62.9	324.4	298,900*				90
95	56.7	317.5	290,000*	60.4	321.5	280,800*				95
100	53.9	313.7	273,200*	57.7	318.2	264,500*	66.6	325.5	242,700*	100
105	51.1	309.6	258,000*	55.0	314.6	249,800*	64.1	323.0	229,100*	105
110	48.1	305.0	244,200*	52.2	310.6	236,400*	61.6	320.2	216,700*	110
115	44.9	299.9	231,600*	49.3	306.2	224,100*	59.0	317.1	205,400*	115
120	41.6	294.2	220,000*	46.2	301.3	212,900*	56.3	313.7	194,100	120
125	38.0	287.7	209,300*	42.9	295.9	202,600	53.5	309.9	183,600	125
130	34.0	280.2	199,100	39.4	289.7	192,000	50.7	305.7	173,900	130
135	29.6	271.5	188,900	35.6	282.7	182,200	47.6	301.0	165,000	135
140	24.3	260.7	179,400	31.4	274.5	173,100	44.5	295.8	156,800	140
145	17.5	246.0	170,500	26.5	264.6	164,700	41.1	290.0	149,200	145
150				20.5	251.9	156,700	37.4	283.4	142,100	150
155				11.2	231.4	148,900	33.4	275.8	135,500	155
160							28.9	266.8	129,200	160
165							23.5	255.6	123,300	165
170							16.3	240.0	117,500	170

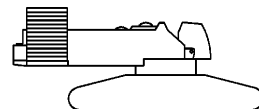
Capacities indicated by (b) require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 0 Lb. Wheeled Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



200 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.2	354.5	390,400*b							65
70	72.2	352.8	381,200*b							70
75	70.2	350.9	369,700*							75
80	68.1	348.8	351,300*	71.0	351.1	340,000*				80
85	66.0	346.5	327,800*	68.9	349.1	317,200*				85
90	63.9	344.0	307,000*	66.8	346.8	297,000*				90
95	61.7	341.2	288,400*	64.7	344.4	278,900*				95
100	59.4	338.2	271,600*	62.5	341.7	262,700*				100
105	57.1	334.9	256,500*	60.3	338.8	248,000*	67.8	345.2	226,800*	105
110	54.8	331.2	242,700*	58.1	335.6	234,700*	65.7	342.9	214,400*	110
115	52.4	327.3	230,200*	55.7	332.1	222,500*	63.5	340.3	203,200*	115
120	49.8	323.0	218,700*	53.3	328.3	211,300*	61.3	337.5	192,200	120
125	47.2	318.3	208,100*	50.8	324.1	201,100*	59.1	334.4	181,700	125
130	44.5	313.1	198,300	48.3	319.6	190,900	56.8	331.1	172,100	130
135	41.6	307.4	188,300	45.6	314.6	181,200	54.4	327.4	163,300	135
140	38.5	301.0	179,100	42.7	309.1	172,300	52.0	323.4	155,200	140
145	35.1	293.9	170,500	39.7	303.0	164,000	49.5	319.1	147,700	145
150	31.5	285.7	162,500	36.5	296.2	156,300	46.8	314.3	140,700	150
155	27.4	276.1	155,100	33.0	288.5	149,200	44.1	309.0	134,200	155
160	22.5	264.4	148,000	29.1	279.5	142,400	41.1	303.2	128,100	160
165	16.1	248.5	141,300	24.5	268.7	136,100	38.0	296.8	122,300	165
170				18.9	254.9	130,000	34.6	289.5	117,000	170
175				10.3	232.9	124,000	30.9	281.2	111,900	175
180							26.7	271.3	107,000	180
185							21.7	259.2	102,400	185
190							15.0	242.3	97,800	190

Capacities indicated by **(b)** require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

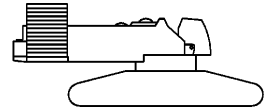


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 0 Lb. Wheeled Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



200 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	74.4	373.9	339,600*b							70
75	72.6	372.2	331,400*							75
80	70.8	370.4	322,500*							80
85	69.0	368.4	313,300*	71.5	370.5	314,100*				85
90	67.2	366.3	303,500*	69.7	368.6	293,900*				90
95	65.3	363.9	285,700*	67.9	366.5	275,900*				95
100	63.4	361.3	269,000*	66.0	364.2	259,700*				100
105	61.5	358.5	253,900*	64.2	361.7	245,100*				105
110	59.5	355.5	240,200*	62.2	359.0	231,800*				110
115	57.5	352.2	227,700*	60.3	356.1	219,700*	66.9	362.7	199,800*	115
120	55.4	348.7	216,200*	58.3	352.9	208,600*	65.0	360.3	189,200	120
125	53.3	344.9	205,700*	56.3	349.5	198,400*	63.1	357.7	178,700	125
130	51.1	340.8	196,000*	54.2	345.8	188,600	61.2	354.8	169,200	130
135	48.9	336.4	186,400	52.0	341.8	179,000	59.2	351.8	160,400	135
140	46.5	331.5	177,200	49.8	337.5	170,100	57.2	348.5	152,300	140
145	44.1	326.3	168,700	47.5	332.9	161,900	55.1	344.9	144,900	145
150	41.5	320.6	160,900	45.1	327.8	154,300	53.0	341.1	137,900	150
155	38.8	314.3	153,500	42.6	322.3	147,200	50.8	336.9	131,500	155
160	36.0	307.4	146,600	39.9	316.3	140,600	48.5	332.4	125,500	160
165	32.9	299.6	140,200	37.1	309.6	134,400	46.2	327.5	119,800	165
170	29.4	290.8	134,100	34.1	302.2	128,600	43.7	322.3	114,500	170
175	25.6	280.5	128,400	30.8	293.8	123,100	41.2	316.5	109,500	175
180	21.0	267.9	122,900	27.2	284.2	117,900	38.4	310.1	104,800	180
185	15.0	250.9	117,600	22.9	272.6	112,900	35.5	303.1	100,400	185
190				17.7	257.8	108,100	32.4	295.2	96,200	190
195				9.5	234.2	103,300	28.9	286.2	92,200	195
200							25.0	275.6	88,300	200
205							20.3	262.5	84,600	205
210							13.9	244.5	80,900	210

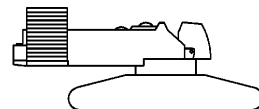
Capacities indicated by (b) require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 0 Lb. Wheeled Counterweight
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



200 Ft. Boom, 190 Ft. Luffing Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	74.5	393.3	296,200*							75
80	72.9	391.7	289,800*							80
85	71.3	389.9	283,000*							85
90	69.7	388.0	275,800*	71.9	390.0	291,700*				90
95	68.1	385.9	268,200*	70.3	388.1	273,700*				95
100	66.4	383.7	260,400*	68.7	386.1	257,500*				100
105	64.7	381.2	251,900*	67.1	384.0	242,900*				105
110	63.0	378.6	238,200*	65.4	381.6	229,600*				110
115	61.3	375.8	225,700*	63.7	379.1	217,600*				115
120	59.6	372.8	214,300*	62.0	376.3	206,500*	67.8	382.3	186,900	120
125	57.8	369.6	203,800*	60.3	373.4	196,300*	66.2	380.1	176,500	125
130	55.9	366.1	194,100*	58.5	370.3	186,800	64.5	377.6	166,900	130
135	54.1	362.5	184,800	56.7	366.9	177,200	62.8	375.0	158,200	135
140	52.1	358.5	175,600	54.8	363.3	168,400	61.1	372.1	150,200	140
145	50.2	354.3	167,200	52.9	359.5	160,200	59.3	369.1	142,700	145
150	48.1	349.7	159,300	50.9	355.3	152,600	57.5	365.9	135,800	150
155	46.0	344.8	152,000	48.9	350.9	145,600	55.7	362.4	129,400	155
160	43.8	339.5	145,200	46.9	346.2	139,000	53.8	358.6	123,400	160
165	41.5	333.8	138,900	44.7	341.0	132,900	51.9	354.6	117,800	165
170	39.1	327.6	132,900	42.4	335.5	127,100	49.9	350.4	112,600	170
175	36.6	320.9	127,200	40.1	329.5	121,700	47.8	345.8	107,600	175
180	33.9	313.4	121,900	37.6	323.0	116,500	45.7	340.8	103,000	180
185	30.9	305.0	116,900	35.0	315.8	111,700	43.5	335.5	98,600	185
190	27.7	295.6	112,100	32.1	307.8	107,100	41.2	329.7	94,500	190
195	24.1	284.6	107,600	29.0	298.9	102,800	38.8	323.4	90,500	195
200	19.8	271.2	103,200	25.6	288.5	98,600	36.2	316.5	86,800	200
205	14.1	253.2	98,900	21.6	276.2	94,600	33.5	309.0	83,200	205
210				16.6	260.5	90,700	30.5	300.5	79,800	210
215				8.9	235.5	86,800	27.2	290.9	76,500	215
220							23.5	279.6	73,400	220
225							19.1	265.7	70,300	225
230							13.1	246.6	67,300	230