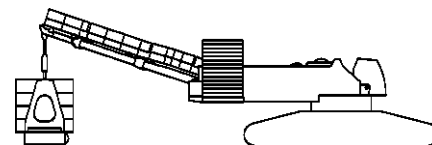


Liftcrane Luffing Jib Capacities

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
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.

Hanging counterweight must be attached to support beam and MAX-ER mode must be selected to operate. Minimum luffing jib capacity to raise hanging counterweight free of ground support is required for swing and travel. Do not allow hanging counterweight to contact ground while swinging and traveling. Exit MAX-ER mode before operating without hanging 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 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. 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. 8556-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 Operator's 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. 8564-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 MAX-ER, 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 247,800 Lb. hanging counterweight.

WARNING: Check amount of hanging counterweight on machine before use of this chart. Refer to Counterweight Assembly.

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

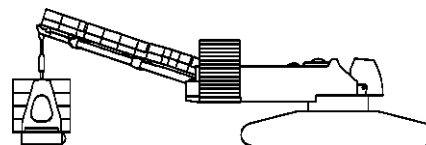
247,800 Lb. Hanging Counterweight

at 59 Ft. Position

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				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
55	72.3	255.3	471,400	737,700* b													55
60	68.9	253.2	422,100	681,100* b													60
65	65.3	250.8	381,400	627,800* b													65
70	61.7	247.9	347,000	581,800*													70
75	57.9	244.6	317,700	541,800*													75
80	53.9	240.9	292,300	506,500*	64.5	248.0	264,500	488,400* b									80
85	49.7	236.5	270,100	475,300*	60.8	245.0	244,300	458,300*									85
90	45.1	231.3	250,400	447,300*	57.0	241.6	226,500	431,500*									90
95	40.1	225.3	232,900	422,200*	52.9	237.7	210,600	407,300*									95
100	34.5	217.9	217,100	399,400*	48.6	233.2	196,400	385,300*	59.8	240.7	175,100	370,400*					100
105	27.7	208.5	202,500	354,000*	44.0	227.9	183,500	364,600*	55.9	237.2	163,600	350,600*					105
110	18.4	194.8	188,900	289,100*	38.9	221.5	171,800	345,800*	51.8	233.1	153,100	332,600*					110
115					33.0	213.8	161,000	328,500*	47.4	228.4	143,500	316,200*					115
120					25.9	203.7	150,800	312,500*	42.6	222.8	134,700	301,000*	54.5	231.3	117,800	289,200*	120
125					15.3	187.9	140,800	292,300*	37.3	216.2	126,500	287,100*	50.3	227.0	110,600	275,800*	125
130									31.2	207.9	118,700	274,000*	45.8	222.0	103,800	263,500*	130
135									23.4	196.8	111,300	261,800*	40.8	216.1	97,600	252,000*	135
140									9.9	176.1	103,400	249,800*	35.3	208.9	91,600	241,300*	140
145													28.7	199.9	85,900	231,200*	145
150													20.0	187.1	80,200	221,500*	150

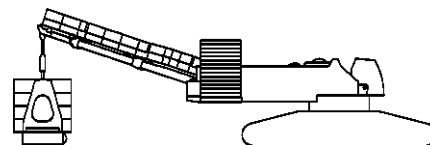
Capacities indicated by **(b)** require
21,000 Lb. minimum weight suspended
beneath luffing jib point.

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



160 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60	72.9	274.7	422,500	658,100*													60
65	70.1	272.8	381,600	626,400*													65
70	67.3	270.6	347,200	580,500*													70
75	64.4	268.1	317,800	540,600*													75
80	61.4	265.2	292,500	505,500*													80
85	58.3	262.0	270,400	474,400*	66.6	267.9	243,100	456,600*									85
90	55.1	258.4	250,900	446,600*	63.7	265.3	225,500	429,900*									90
95	51.7	254.3	233,600	421,700*	60.7	262.3	209,800	405,900*									95
100	48.2	249.7	218,100	399,100*	57.5	259.0	195,700	384,100*									100
105	44.4	244.5	204,100	378,300*	54.3	255.3	183,100	363,600*	62.8	261.1	161,800	348,900*					105
110	40.4	238.6	191,400	358,900*	50.9	251.1	171,600	345,000*	59.8	258.1	151,500	331,000*					110
115	35.9	231.6	179,800	341,200*	47.3	246.4	161,100	328,000*	56.7	254.7	142,100	314,700*					115
120	30.8	223.2	169,100	324,800*	43.5	241.0	151,500	312,400*	53.4	250.8	133,600	299,800*					120
125	24.7	212.6	159,000	288,100*	39.4	234.9	142,700	298,000*	49.9	246.5	125,600	286,000*					125
130	16.3	197.2	149,300	236,600*	34.8	227.6	134,400	284,700*	46.3	241.6	118,300	273,300*	55.5	248.8	102,000	261,800*	130
135					29.5	218.8	126,700	272,300*	42.4	236.0	111,500	261,500*	52.2	244.8	96,000	250,600*	135
140					23.1	207.5	119,300	260,600*	38.1	229.6	105,100	250,500*	48.7	240.3	90,400	240,100*	140
145					13.5	189.8	111,900	241,000*	33.4	221.9	99,100	240,200*	45.0	235.2	85,100	230,200*	145
150									27.9	212.6	93,400	230,500*	40.9	229.3	80,200	221,100*	150
155									20.9	200.1	87,800	221,300*	36.5	222.5	75,500	212,400*	155
160									8.6	177.0	81,800	212,100*	31.6	214.4	71,000	204,300*	160
165													25.7	204.2	66,600	196,500*	165
170													17.7	189.8	62,200	189,000*	170

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

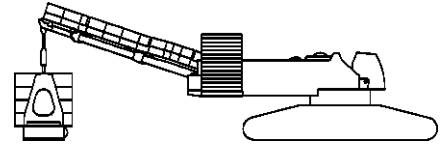


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



160 Ft. Boom, 130 Ft. Luffing Jib

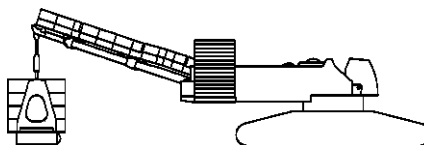
Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	71.0	292.3	345,100	570,000*													70
75	68.6	290.3	315,700	537,700*													75
80	66.2	288.0	290,400	502,700*													80
85	63.7	285.4	268,300	471,700*													85
90	61.2	282.5	248,800	444,000*													90
95	58.5	279.4	231,600	419,200*	65.6	285.2	206,500	402,600*									95
100	55.9	275.9	216,100	396,800*	63.1	282.6	192,500	381,100*									100
105	53.1	272.0	202,300	376,300*	60.6	279.6	180,000	360,700*									105
110	50.2	267.8	189,700	357,000*	57.9	276.4	168,600	342,200*									110
115	47.2	263.0	178,300	339,400*	55.2	272.8	158,300	325,400*	62.4	278.4	138,200	311,400*					115
120	43.9	257.7	167,800	323,300*	52.4	268.9	148,800	309,900*	59.8	275.4	129,800	296,600*					120
125	40.5	251.8	158,200	308,400*	49.5	264.5	140,200	295,700*	57.2	272.1	122,000	282,900*					125
130	36.8	245.1	149,300	294,600*	46.4	259.7	132,100	282,500*	54.5	268.4	114,800	270,300*					130
135	32.8	237.3	141,000	281,900*	43.2	254.2	124,700	270,300*	51.6	264.3	108,200	258,700*					135
140	28.1	228.0	133,200	266,400*	39.7	248.1	117,800	259,000*	48.7	259.8	102,000	247,800*	56.2	266.3	86,300	236,700*	140
145	22.5	216.3	125,900	230,500*	35.9	241.2	111,300	248,400*	45.5	254.8	96,300	237,700*	53.5	262.5	81,200	227,000*	145
150	14.8	199.4	118,600	191,500*	31.7	233.1	105,200	238,500*	42.2	249.2	90,900	228,200*	50.6	258.3	76,400	218,000*	150
155					26.9	223.4	99,400	229,100*	38.7	242.9	85,800	219,400*	47.6	253.6	72,000	209,500*	155
160					21.0	210.9	93,800	220,200*	34.8	235.7	81,000	211,000*	44.4	248.4	67,700	201,600*	160
165					12.2	191.5	88,100	196,400*	30.5	227.2	76,400	203,100*	41.0	242.6	63,800	194,100*	165
170									25.4	216.9	72,000	195,600*	37.4	235.9	60,000	187,000*	170
175									19.0	203.2	67,600	188,400*	33.4	228.3	56,300	180,300*	175
180									7.6	177.9	62,800	181,100*	28.8	219.3	52,800	173,900*	180
185													23.4	208.0	49,400	167,700*	185
190													16.1	192.3	45,900	161,700*	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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

**Meets
ANSI B30.5
Requirements**



**18000 With
21000 MAX-ER**

160 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	71.6	311.8	314,500	501,700*													75
80	69.5	309.8	289,000	490,800*													80
85	67.5	307.7	266,900	469,700*													85
90	65.4	305.3	247,400	442,100*													90
95	63.2	302.7	230,100	417,300*													95
100	61.0	299.8	214,700	395,000*	67.0	305.0	190,300	378,800*									100
105	58.7	296.7	200,900	374,600*	64.9	302.5	177,800	358,600*									105
110	56.4	293.3	188,400	355,400*	62.7	299.9	166,500	340,200*									110
115	54.1	289.6	177,000	337,900*	60.5	297.0	156,200	323,400*									115
120	51.6	285.6	166,600	321,800*	58.2	293.8	146,800	308,000*									120
125	49.1	281.1	157,100	307,100*	55.9	290.3	138,200	293,800*	62.1	295.7	119,400	280,600*					125
130	46.4	276.3	148,300	293,400*	53.5	286.5	130,300	280,700*	59.9	292.7	112,300	268,100*					130
135	43.6	271.0	140,200	280,800*	51.0	282.4	123,000	268,600*	57.6	289.5	105,700	256,500*					135
140	40.7	265.0	132,600	269,000*	48.5	277.9	116,200	257,400*	55.2	285.9	99,700	245,700*					140
145	37.5	258.5	125,600	258,100*	45.8	272.9	109,800	246,900*	52.8	282.0	94,000	235,700*					145
150	34.1	251.1	119,000	247,800*	42.9	267.5	103,900	237,100*	50.3	277.8	88,700	226,300*	56.8	283.7	73,700	215,700*	150
155	30.3	242.5	112,800	238,200*	39.9	261.4	98,400	227,900*	47.7	273.1	83,800	217,600*	54.4	280.0	69,300	207,300*	155
160	26.0	232.4	106,900	216,600*	36.7	254.7	93,100	219,300*	45.0	268.1	79,100	209,300*	52.0	276.0	65,200	199,400*	160
165	20.8	219.7	101,200	188,900*	33.2	247.0	88,200	211,200*	42.1	262.5	74,800	201,600*	49.4	271.7	61,300	192,000*	165
170	13.6	201.5	95,500	158,000*	29.4	238.1	83,500	203,500*	39.1	256.2	70,600	194,300*	46.8	266.9	57,700	185,100*	170
175					24.9	227.6	79,000	196,200*	35.8	249.2	66,700	187,300*	44.0	261.6	54,200	178,500*	175
180					19.4	214.1	74,500	189,200*	32.2	241.3	62,900	180,800*	41.1	255.8	50,900	172,200*	180
185					11.2	193.1	70,000	163,100*	28.2	232.0	59,300	174,500*	38.0	249.3	47,800	166,300*	185
190									23.5	220.8	55,800	168,500*	34.6	242.0	44,800	160,600*	190
195									17.5	206.0	52,200	162,700*	30.9	233.7	41,900	155,300*	195
200									6.9	178.7	48,300	156,800*	26.6	223.8	39,000	150,100*	200
205													21.6	211.6	36,200	145,100*	205
210													14.8	194.6	33,400	140,200*	210

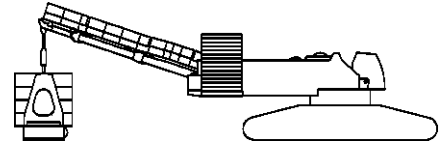


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



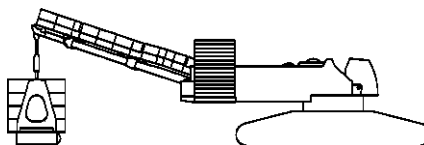
160 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	72.1	331.2	286,300	433,600*													80
85	70.3	329.4	264,100	423,500*													85
90	68.4	327.3	244,600	412,400*													90
95	66.6	325.1	227,300	400,400*													95
100	64.7	322.7	211,900	387,800*													100
105	62.8	320.0	198,000	371,800*													105
110	60.9	317.1	185,500	352,700*	66.2	322.4	162,700	336,900*									110
115	58.9	314.1	174,100	335,200*	64.3	319.9	152,500	320,200*									115
120	56.9	310.7	163,800	319,200*	62.4	317.2	143,200	304,800*									120
125	54.8	307.1	154,300	304,500*	60.4	314.3	134,600	290,700*									125
130	52.7	303.2	145,600	290,900*	58.4	311.1	126,700	277,700*									130
135	50.5	299.0	137,500	278,300*	56.4	307.7	119,500	265,700*	61.8	313.0	101,600	253,100*					135
140	48.2	294.5	130,100	266,700*	54.3	304.1	112,800	254,500*	59.9	310.0	95,500	242,400*					140
145	45.8	289.5	123,100	255,800*	52.2	300.1	106,500	244,100*	57.9	306.8	90,000	232,400*					145
150	43.3	284.2	116,600	245,600*	49.9	295.8	100,700	234,300*	55.8	303.4	84,800	223,100*					150
155	40.7	278.3	110,600	236,100*	47.6	291.2	95,200	225,200*	53.7	299.6	79,900	214,400*					155
160	38.0	271.8	104,900	226,500*	45.3	286.1	90,100	216,700*	51.5	295.6	75,300	206,200*	57.2	301.1	60,800	195,900*	160
165	35.0	264.7	99,500	216,400*	42.8	280.7	85,300	208,700*	49.3	291.2	71,000	198,600*	55.1	297.5	57,000	188,600*	165
170	31.9	256.6	94,400	206,900*	40.1	274.7	80,700	201,100*	47.0	286.4	67,000	191,300*	53.0	293.7	53,400	181,700*	170
175	28.3	247.4	89,500	197,600*	37.3	268.1	76,400	193,900*	44.6	281.3	63,200	184,500*	50.8	289.5	50,000	175,200*	175
180	24.3	236.5	84,900	177,700*	34.3	260.7	72,300	187,200*	42.0	275.7	59,600	178,000*	48.5	285.0	46,900	169,000*	180
185	19.4	222.9	80,400	155,500*	31.1	252.4	68,400	180,700*	39.4	269.5	56,100	171,900*	46.2	280.1	43,800	163,100*	185
190	12.6	203.5	75,800	130,400*	27.4	242.9	64,700	174,600*	36.5	262.7	52,800	166,100*	43.7	274.8	41,000	157,600*	190
195					23.3	231.5	61,000	168,700*	33.5	255.1	49,700	160,500*	41.1	269.0	38,200	152,300*	195
200					18.1	217.0	57,400	163,000*	30.1	246.5	46,700	155,200*	38.4	262.7	35,600	147,300*	200
205					10.4	194.6	53,700	135,400*	26.3	236.5	43,700	150,200*	35.5	255.6	33,100	142,500*	205
210									21.9	224.5	40,900	145,300*	32.3	247.7	30,600	137,900*	210
215									16.3	208.6	38,000	140,500*	28.8	238.6	28,200	133,500*	215
220									6.3	179.4	34,600	135,400*	24.9	228.1	25,900	129,300*	220
225													20.2	215.0	23,600	125,100*	225
230													13.8	196.8	21,200	121,000*	230

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

160 Ft. Boom, 190 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	72.4	350.7	262,200	374,700*													85
90	70.8	348.9	242,600	367,400*													90
95	69.2	346.9	225,200	359,200*													95
100	67.6	344.8	209,800	350,600*													100
105	65.9	342.5	195,900	341,300*													105
110	64.2	340.0	183,400	331,600*													110
115	62.5	337.3	172,000	321,400*	67.2	342.1	149,800	317,800*									115
120	60.8	334.5	161,700	310,900*	65.5	339.7	140,500	302,500*									120
125	59.0	331.4	152,200	300,600*	63.8	337.2	132,000	288,400*									125
130	57.2	328.1	143,500	288,900*	62.1	334.5	124,100	275,400*									130
135	55.4	324.6	135,400	276,400*	60.4	331.6	116,900	263,400*									135
140	53.5	320.8	128,000	264,800*	58.6	328.5	110,200	252,300*									140
145	51.5	316.8	121,100	253,900*	56.8	325.1	104,000	241,900*	61.6	330.3	87,000	229,900*					145
150	49.5	312.4	114,600	243,800*	54.9	321.5	98,200	232,200*	59.9	327.4	81,800	220,700*					150
155	47.5	307.8	108,600	234,300*	53.0	317.7	92,700	223,100*	58.1	324.2	77,000	212,000*					155
160	45.4	302.8	103,000	225,500*	51.1	313.6	87,700	214,600*	56.3	320.8	72,500	203,900*					160
165	43.1	297.4	97,700	215,400*	49.1	309.2	82,900	206,700*	54.4	317.1	68,200	196,300*					165
170	40.8	291.5	92,700	206,000*	47.0	304.5	78,400	199,100*	52.5	313.2	64,300	189,100*	57.5	318.5	50,300	179,200*	170
175	38.4	285.2	88,000	197,100*	44.9	299.4	74,200	192,000*	50.5	309.0	60,500	182,300*	55.6	315.0	47,000	172,700*	175
180	35.8	278.2	83,500	188,800*	42.6	293.9	70,200	185,300*	48.5	304.5	56,900	175,900*	53.7	311.2	43,800	166,600*	180
185	33.0	270.5	79,200	181,000*	40.3	287.9	66,400	179,000*	46.4	299.7	53,600	169,800*	51.8	307.2	40,900	160,800*	185
190	30.0	261.8	75,200	173,300*	37.8	281.4	62,800	172,900*	44.2	294.5	50,400	164,000*	49.8	303.0	38,000	155,300*	190
195	26.7	252.0	71,300	164,800*	35.2	274.3	59,300	167,200*	42.0	288.9	47,300	158,600*	47.8	298.4	35,400	150,000*	195
200	22.9	240.4	67,500	147,600*	32.3	266.4	56,000	161,700*	39.6	282.8	44,400	153,400*	45.7	293.4	32,800	145,100*	200
205	18.3	226.0	63,800	129,400*	29.3	257.5	52,900	156,500*	37.1	276.1	41,600	148,400*	43.5	288.0	30,400	140,300*	205
210	11.9	205.3	60,100	108,500*	25.8	247.3	49,800	151,500*	34.4	268.8	38,900	143,600*	41.1	282.3	28,000	135,800*	210
215					21.9	235.2	46,800	146,600*	31.5	260.6	36,400	139,100*	38.7	276.0	25,800	131,500*	215
220					17.0	219.8	43,800	137,300*	28.4	251.4	33,900	134,700*	36.2	269.1	23,600	127,400*	220
225					9.7	196.1	40,700	113,300*	24.8	240.8	31,400	130,500*	33.4	261.5	21,500	123,400*	225
230									20.6	227.9	29,000	126,400*	30.4	253.0	19,500	119,600*	230
235									15.4	211.1	26,600	122,500*	27.2	243.3	17,500	115,900*	235
240									5.9	180.1	23,800	114,000*	23.4	232.0	15,600	112,300*	240
245													19.0	218.1	13,600	108,900*	245
250													13.0	198.8	11,600	105,400*	250

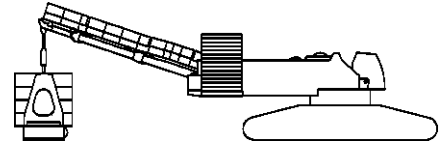


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



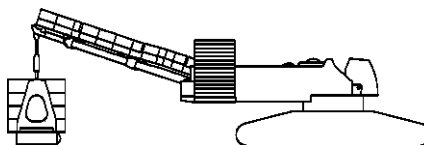
160 Ft. Boom, 210 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	72.7	370.1	239,500	324,700*													90
95	71.3	368.3	222,200	319,300*													95
100	69.8	366.4	206,600	313,300*													100
105	68.4	364.4	192,700	306,700*													105
110	66.9	362.2	180,200	299,900*													110
115	65.4	359.9	168,800	292,600*													115
120	63.8	357.3	158,500	284,900*													120
125	62.3	354.6	149,000	277,000*	66.5	359.5	128,100	285,100*									125
130	60.7	351.8	140,300	269,000*	65.0	357.1	120,300	272,200*									130
135	59.1	348.7	132,200	260,700*	63.5	354.5	113,100	260,200*									135
140	57.5	345.5	124,800	252,500*	61.9	351.8	106,400	249,100*									140
145	55.8	342.0	117,900	244,400*	60.3	348.9	100,200	238,800*									145
150	54.1	338.4	111,500	236,300*	58.7	345.8	94,400	229,100*									150
155	52.4	334.4	105,500	228,300*	57.1	342.5	89,000	220,100*	61.5	347.6	72,700	208,600*					155
160	50.6	330.3	99,900	220,400*	55.4	339.0	84,000	211,600*	59.9	344.7	68,300	200,500*					160
165	48.8	325.8	94,600	212,900*	53.7	335.3	79,300	203,700*	58.3	341.5	64,100	192,900*					165
170	46.9	321.1	89,700	203,500*	52.0	331.3	74,800	196,200*	56.6	338.2	60,100	185,800*					170
175	45.0	316.0	85,000	194,600*	50.2	327.1	70,700	189,100*	55.0	334.6	56,400	179,000*					175
180	43.0	310.6	80,600	186,400*	48.4	322.6	66,700	182,500*	53.3	330.8	52,900	172,700*	57.7	335.8	39,300	163,000*	180
185	40.9	304.8	76,400	178,600*	46.5	317.8	63,000	176,100*	51.5	326.8	49,600	166,600*	56.1	332.4	36,400	157,300*	185
190	38.7	298.5	72,500	171,300*	44.5	312.6	59,400	170,200*	49.7	322.5	46,400	160,900*	54.4	328.8	33,600	151,800*	190
195	36.4	291.6	68,700	164,400*	42.5	307.1	56,000	164,500*	47.9	317.9	43,400	155,500*	52.6	324.9	31,000	146,600*	195
200	33.9	284.2	65,100	157,900*	40.4	301.2	52,800	159,100*	45.9	313.0	40,600	150,300*	50.9	320.7	28,500	141,700*	200
205	31.3	276.0	61,600	151,400*	38.2	294.8	49,800	153,900*	44.0	307.7	37,900	145,400*	49.1	316.4	26,200	137,000*	205
210	28.4	266.8	58,300	145,000*	35.8	287.8	46,800	149,000*	41.9	302.1	35,300	140,700*	47.2	311.7	23,900	132,600*	210
215	25.3	256.3	55,100	136,800*	33.3	280.2	44,000	144,300*	39.8	296.1	32,800	136,200*	45.3	306.6	21,700	128,300*	215
220	21.7	244.1	52,000	122,200*	30.7	271.8	41,300	139,800*	37.5	289.5	30,400	132,000*	43.3	301.3	19,600	124,200*	220
225	17.3	228.8	48,900	106,900*	27.7	262.3	38,700	135,400*	35.1	282.4	28,100	127,900*	41.2	295.5	17,600	120,300*	225
230	11.2	207.1	45,800	89,200*	24.5	251.5	36,100	131,300*	32.6	274.5	25,900	123,900*	39.0	289.3	15,700	116,600*	230
235					20.7	238.7	33,600	127,200*	29.9	265.9	23,800	120,100*	36.7	282.5	13,900	113,000*	235
240					16.1	222.4	31,100	114,300*	26.9	256.1	21,700	116,500*	34.3	275.2	12,100	109,500*	240
245					9.2	197.4	28,400	93,900*	23.5	244.8	19,600	112,900*	31.7	267.1	10,300	106,200*	245
250									19.6	231.2	17,600	109,500*	28.9	258.0	8,600	103,000*	250
255									14.5	213.4	15,500	106,100*	25.7	247.8	6,900	99,900*	255
260									5.5	180.8	13,100	95,000*	22.2	235.8	5,300	96,800*	260
270													12.3	200.7	1,800	90,300*	270

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

160 Ft. Boom, 230 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95	73.0	389.5	219,900	279,700*													95
100	71.7	387.8	204,300	278,300*													100
105	70.3	386.0	190,300	273,800*													105
110	69.0	384.0	177,800	269,000*													110
115	67.6	381.9	166,400	263,800*													115
120	66.3	379.6	156,000	258,300*													120
125	64.9	377.2	146,500	252,700*													125
130	63.5	374.7	137,800	246,700*	67.3	379.2	117,300	269,700*									130
135	62.1	372.0	129,700	240,600*	66.0	376.9	110,100	257,700*									135
140	60.6	369.1	122,300	234,300*	64.6	374.5	103,500	246,600*									140
145	59.2	366.1	115,400	227,900*	63.2	371.9	97,300	236,300*									145
150	57.7	362.8	109,000	221,300*	61.8	369.1	91,500	226,700*									150
155	56.2	359.4	103,000	215,000*	60.3	366.2	86,200	217,700*									155
160	54.7	355.8	97,400	208,600*	58.9	363.1	81,200	209,300*	62.8	367.7	65,100	197,900*					160
165	53.1	352.0	92,100	202,200*	57.4	359.9	76,400	201,300*	61.4	365.0	60,900	190,400*					165
170	51.5	348.0	87,200	195,900*	55.9	356.4	72,000	193,900*	59.9	362.0	57,000	183,200*					170
175	49.9	343.7	82,600	189,800*	54.3	352.8	67,900	186,800*	58.4	358.9	53,300	176,500*					175
180	48.2	339.2	78,200	183,900*	52.7	348.9	63,900	180,200*	56.9	355.6	49,800	170,200*					180
185	46.5	334.4	74,000	176,700*	51.1	344.9	60,200	173,900*	55.4	352.1	46,500	164,200*					185
190	44.7	329.3	70,100	169,400*	49.5	340.5	56,700	167,900*	53.9	348.4	43,400	158,500*	57.9	353.2	30,300	149,200*	190
195	42.8	323.8	66,400	162,500*	47.8	335.9	53,400	162,300*	52.3	344.4	40,400	153,100*	56.4	349.8	27,700	144,000*	195
200	40.9	318.0	62,800	156,000*	46.1	331.0	50,200	156,900*	50.7	340.3	37,600	148,000*	54.9	346.2	25,300	139,200*	200
205	38.9	311.8	59,400	149,800*	44.3	325.9	47,200	151,800*	49.0	335.9	34,900	143,100*	53.3	342.5	22,900	134,500*	205
210	36.8	305.1	56,200	144,000*	42.4	320.3	44,300	146,900*	47.3	331.2	32,400	138,400*	51.7	338.5	20,700	130,100*	210
215	34.7	297.8	53,100	138,400*	40.5	314.4	41,500	142,200*	45.6	326.2	30,000	134,000*	50.1	334.2	18,600	125,800*	215
220	32.3	289.9	50,100	133,000*	38.5	308.1	38,900	137,800*	43.7	321.0	27,600	129,700*	48.4	329.7	16,500	121,800*	220
225	29.8	281.2	47,300	127,500*	36.4	301.3	36,300	133,500*	41.9	315.3	25,400	125,700*	46.7	325.0	14,600	117,900*	225
230	27.1	271.5	44,500	122,200*	34.1	293.9	33,900	129,400*	39.9	309.3	23,200	121,800*	44.9	319.9	12,700	114,200*	230
235	24.1	260.5	41,800	114,000*	31.8	285.8	31,500	125,500*	37.9	302.9	21,200	118,000*	43.1	314.5	10,900	110,700*	235
240	20.6	247.6	39,200	101,600*	29.2	276.9	29,300	121,700*	35.7	295.9	19,200	114,400*	41.2	308.7	9,100	107,200*	240
245	16.5	231.6	36,600	88,500*	26.4	266.9	27,000	118,100*	33.5	288.3	17,200	111,000*	39.2	302.6	7,500	104,000*	245
250	10.6	208.7	33,900	73,200*	23.3	255.5	24,900	114,500*	31.1	280.0	15,400	107,600*	37.1	295.9	5,800	100,800*	250
255					19.8	242.0	22,700	109,700*	28.5	270.8	13,500	104,400*	35.0	288.7	4,300	97,800*	255
260					15.3	224.9	20,600	95,500*	25.6	260.5	11,800	101,300*	32.7	280.9	2,800	94,500*	260
270									18.6	234.3	8,300	95,300*	27.5	262.8		88,100*	270
280									5.2	181.4	4,300	79,200*	21.2	239.4		82,100*	280
290													11.6	202.6		76,200*	290

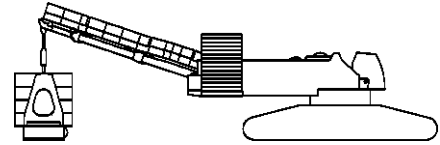


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



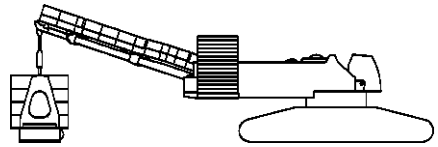
160 Ft. Boom, 250 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	72.0	407.2	187,100	240,500*													105
110	70.8	405.4	174,500	239,600*													110
115	69.5	403.5	163,100	235,900*													115
120	68.3	401.5	152,700	231,900*													120
125	67.0	399.3	143,100	227,800*													125
130	65.8	397.0	134,400	223,400*													130
135	64.5	394.6	126,400	218,900*													135
140	63.2	392.0	118,900	214,200*	66.8	396.6	99,500	231,400*									140
145	61.9	389.3	112,000	209,400*	65.5	394.3	93,400	229,000*									145
150	60.6	386.4	105,600	204,300*	64.2	391.8	87,600	223,400*									150
155	59.3	383.4	99,600	198,400*	62.9	389.2	82,300	214,500*									155
160	57.9	380.2	94,000	192,500*	61.6	386.5	77,300	206,100*									160
165	56.5	376.8	88,800	186,600*	60.3	383.5	72,600	198,200*									165
170	55.1	373.3	83,900	180,800*	58.9	380.5	68,200	190,800*	62.6	385.1	52,700	179,800*					170
175	53.7	369.6	79,300	175,100*	57.6	377.3	64,100	183,800*	61.2	382.3	49,000	173,100*					175
180	52.2	365.6	74,900	169,500*	56.2	373.9	60,200	177,100*	59.9	379.3	45,600	166,800*					180
185	50.7	361.5	70,800	164,100*	54.8	370.3	56,500	170,900*	58.6	376.2	42,300	160,800*					185
190	49.2	357.1	66,800	158,700*	53.4	366.5	53,000	164,900*	57.2	372.9	39,200	155,200*					190
195	47.7	352.5	63,100	153,500*	51.9	362.5	49,700	159,300*	55.8	369.5	36,300	149,800*					195
200	46.1	347.7	59,600	148,400*	50.4	358.3	46,500	154,000*	54.4	365.9	33,500	144,700*					200
205	44.4	342.5	56,300	143,400*	48.9	353.9	43,500	148,900*	52.9	362.0	30,900	139,900*	56.7	367.2	18,500	131,000*	205
210	42.7	337.0	53,100	138,600*	47.3	349.2	40,700	144,000*	51.5	358.0	28,400	135,200*	55.3	363.7	16,300	126,600*	210
215	41.0	331.2	50,000	133,700*	45.7	344.3	37,900	139,400*	50.0	353.7	26,000	130,800*	53.9	360.0	14,200	122,400*	215
220	39.1	325.1	47,100	129,300*	44.0	339.1	35,300	135,000*	48.4	349.3	23,700	126,600*	52.4	356.1	12,200	118,400*	220
225	37.2	318.5	44,300	124,900*	42.3	333.6	32,800	130,700*	46.8	344.5	21,500	122,600*	51.0	352.0	10,300	114,600*	225
230	35.3	311.3	41,600	120,500*	40.5	327.7	30,400	126,700*	45.2	339.5	19,400	118,700*	49.4	347.6	8,400	110,900*	230
235	33.2	303.7	39,000	115,900*	38.7	321.4	28,200	122,800*	43.6	334.2	17,300	115,000*	47.9	343.1	6,700	107,400*	235
240	30.9	295.3	36,500	111,200*	36.8	314.7	25,900	119,000*	41.8	328.6	15,400	111,500*	46.3	338.2	5,000	104,000*	240
245	28.5	286.2	34,100	106,600*	34.8	307.4	23,800	115,400*	40.0	322.6	13,500	108,000*	44.6	333.1	3,300	100,600*	245
250	25.9	276.0	31,800	102,200*	32.7	299.6	21,800	112,000*	38.2	316.2	11,700	104,800*	43.0	327.7	1,800	97,100*	250
255	23.0	264.4	29,500	94,000*	30.4	291.1	19,800	108,700*	36.2	309.3	10,000	101,600*	41.2	322.0	300	93,700*	255
260	19.7	250.9	27,300	83,300*	28.0	281.7	17,800	105,400*	34.2	301.9	8,300	98,500*	39.4	315.8		90,400*	260
270	10.1	210.3	22,700	58,700*	22.3	259.3	14,100	97,500*	29.7	285.2	5,000	92,800*	35.5	302.2		84,200*	270
280					14.6	227.4	10,400	78,500*	24.5	264.7	1,900	87,100*	31.2	286.4		78,400*	280
290									17.8	237.3		81,200*	26.3	267.4		73,000*	290
300									4.9	182.1		64,600*	20.2	242.8		67,800*	300
310													11.1	204.3		62,600*	310

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

**Meets
ANSI B30.5
Requirements**



**18000 With
21000 MAX-ER**

160 Ft. Boom, 270 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
110	72.2	426.6	171,900	207,600*													110
115	71.1	424.9	160,400	207,100*													115
120	70.0	423.0	150,000	206,500*													120
125	68.8	421.0	140,500	204,100*													125
130	67.7	419.0	131,700	200,900*													130
135	66.5	416.7	123,700	197,600*													135
140	65.4	414.4	116,200	194,100*													140
145	64.2	411.9	109,300	190,500*	67.4	416.3	90,300	198,000*									145
150	63.0	409.3	102,900	185,100*	66.3	414.0	84,600	198,000*									150
155	61.8	406.6	96,900	179,600*	65.1	411.6	79,200	196,300*									155
160	60.6	403.7	91,300	174,200*	63.9	409.2	74,200	191,200*									160
165	59.3	400.7	86,100	168,800*	62.7	406.5	69,500	185,900*									165
170	58.1	397.5	81,100	163,400*	61.5	403.8	65,100	180,400*									170
175	56.8	394.2	76,500	157,900*	60.3	400.9	61,000	175,000*									175
180	55.5	390.7	72,100	152,700*	59.0	397.8	57,100	169,600*	62.4	402.4	42,300	164,200*					180
185	54.2	387.1	68,000	147,600*	57.8	394.6	53,400	164,200*	61.2	399.6	39,000	158,200*					185
190	52.8	383.2	64,100	142,600*	56.5	391.3	50,000	159,000*	59.9	396.6	36,000	152,600*					190
195	51.5	379.2	60,400	137,700*	55.2	387.7	46,700	153,700*	58.7	393.6	33,100	147,200*					195
200	50.1	375.0	56,900	132,900*	53.9	384.0	43,500	148,600*	57.4	390.3	30,300	142,200*					200
205	48.7	370.5	53,600	128,200*	52.5	380.1	40,600	143,500*	56.1	386.9	27,700	137,300*					205
210	47.2	365.9	50,400	123,600*	51.2	376.1	37,700	138,600*	54.8	383.3	25,200	132,700*					210
215	45.7	360.9	47,400	119,100*	49.8	371.8	35,000	133,700*	53.5	379.6	22,800	128,300*	57.0	384.6	10,800	119,800*	215
220	44.2	355.7	44,500	114,700*	48.3	367.3	32,400	129,000*	52.1	375.6	20,500	124,100*	55.7	381.1	8,800	115,800*	220
225	42.6	350.3	41,700	110,500*	46.9	362.6	30,000	124,300*	50.8	371.5	18,300	120,100*	54.4	377.5	6,900	112,000*	225
230	41.0	344.5	39,000	106,400*	45.4	357.6	27,600	119,800*	49.4	367.2	16,200	116,300*	53.0	373.7	5,100	108,300*	230
235	39.3	338.3	36,500	102,400*	43.8	352.3	25,300	115,400*	47.9	362.6	14,200	112,600*	51.7	369.7	3,300	104,700*	235
240	37.6	331.8	34,100	98,500*	42.3	346.8	23,100	111,100*	46.5	357.8	12,300	109,100*	50.3	365.5	1,700	100,900*	240
245	35.8	324.8	31,700	94,700*	40.6	340.9	21,100	107,000*	44.9	352.8	10,500	105,700*	48.9	361.1	100	97,200*	245
250	33.8	317.4	29,400	91,100*	38.9	334.7	19,000	102,900*	43.4	347.4	8,700	102,400*	47.4	356.4		93,700*	250
255	31.8	309.3	27,200	87,500*	37.2	328.0	17,100	99,000*	41.8	341.8	7,000	99,300*	45.9	351.5		90,400*	255
260	29.7	300.5	25,100	84,100*	35.3	321.0	15,200	95,200*	40.1	335.8	5,300	96,200*	44.4	346.4		87,200*	260
270	24.9	280.3	21,000	77,600*	31.3	305.1	11,600	87,900*	36.7	322.7	2,200	90,400*	41.2	335.2		81,000*	270
280	18.9	254.1	17,100	68,000*	26.8	286.4	8,200	81,100*	32.8	307.7		84,300*	37.8	322.6		75,300*	280
290	9.7	211.8	13,100	46,200*	21.4	263.0	5,000	74,800*	28.5	290.2		78,600*	34.1	308.3		70,000*	290
300					14.0	229.7	1,700	64,200*	23.5	268.7		73,200*	30.0	291.7		65,000*	300
310									17.1	240.2		68,000*	25.3	271.7		60,200*	310
320									4.7	182.7		52,200*	19.4	246.1		55,600*	320
330													10.7	206.0		51,100*	330

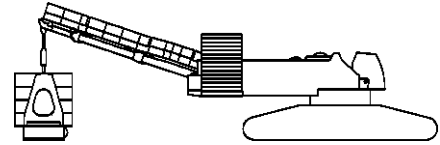


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



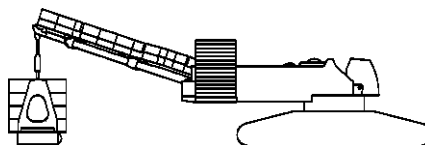
160 Ft. Boom, 290 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
120	71.4	444.4	146,600	176,700*													120
125	70.4	442.5	137,100	176,100*													125
130	69.3	440.6	128,300	175,400*													130
135	68.2	438.5	120,200	174,700*													135
140	67.2	436.4	112,800	169,800*													140
145	66.1	434.1	105,800	164,900*													145
150	65.0	431.8	99,400	159,900*													150
155	63.9	429.3	93,400	154,900*	66.9	433.7	75,200	167,800*									155
160	62.8	426.7	87,800	150,000*	65.8	431.4	70,300	164,600*									160
165	61.7	423.9	82,600	145,000*	64.7	429.0	65,600	159,800*									165
170	60.5	421.0	77,700	140,300*	63.6	426.5	61,200	155,000*									170
175	59.4	418.0	73,000	135,400*	62.5	423.9	57,100	150,200*									175
180	58.2	414.9	68,700	130,600*	61.4	421.1	53,200	145,300*									180
185	57.0	411.6	64,600	125,900*	60.2	418.2	49,600	140,400*									185
190	55.8	408.2	60,700	121,300*	59.1	415.1	46,100	135,500*	62.2	419.7	31,700	147,900*					190
195	54.6	404.6	57,000	116,800*	57.9	412.0	42,800	131,000*	61.1	416.9	28,800	143,300*					195
200	53.4	400.8	53,500	112,400*	56.7	408.6	39,700	126,300*	59.9	414.0	26,100	138,700*					200
205	52.1	396.9	50,200	107,900*	55.5	405.2	36,700	121,700*	58.8	410.9	23,500	134,000*					205
210	50.8	392.7	47,000	103,800*	54.3	401.5	33,900	117,000*	57.6	407.7	21,000	129,400*					210
215	49.5	388.4	44,000	99,700*	53.1	397.7	31,200	112,600*	56.4	404.3	18,600	125,100*					215
220	48.2	383.9	41,100	95,700*	51.8	393.7	28,700	108,300*	55.2	400.8	16,400	120,700*					220
225	46.8	379.2	38,300	91,800*	50.5	389.6	26,200	104,100*	54.0	397.1	14,200	116,100*	57.2	402.0	2,500	108,200*	225
230	45.4	374.2	35,700	88,000*	49.2	385.2	23,900	100,000*	52.7	393.2	12,200	111,900*	56.0	398.5	700	104,100*	230
235	44.0	369.0	33,200	84,300*	47.9	380.7	21,600	95,900*	51.4	389.2	10,200	107,600*	54.8	395.0		100,200*	235
240	42.5	363.5	30,800	80,700*	46.5	375.9	19,500	92,000*	50.2	385.0	8,300	103,500*	53.5	391.2		96,400*	240
245	41.0	357.7	28,400	77,200*	45.1	370.8	17,400	88,200*	48.8	380.6	6,500	99,400*	52.3	387.3		92,800*	245
250	39.5	351.6	26,200	73,800*	43.7	365.6	15,400	84,500*	47.5	376.0	4,700	95,400*	51.0	383.2		89,400*	250
255	37.9	345.1	24,000	70,500*	42.2	360.0	13,500	80,900*	46.1	371.1	3,100	91,600*	49.7	378.9		86,000*	255
260	36.2	338.3	22,000	67,200*	40.7	354.1	11,700	77,300*	44.7	366.0	1,400	87,800*	48.4	374.4		82,800*	260
270	32.6	323.1	18,000	61,100*	37.5	341.4	8,200	70,600*	41.8	355.0		80,500*	45.6	364.8		76,800*	270
280	28.6	305.5	14,300	55,300*	34.0	327.0	4,900	64,200*	38.6	342.8		73,600*	42.7	354.2		71,200*	280
290	24.0	284.4	10,800	49,800*	30.2	310.5	1,800	58,200*	35.3	329.0		67,100*	39.7	342.4		65,900*	290
300	18.2	257.2	7,300	44,800*	25.8	290.9		52,600*	31.6	313.3		60,900*	36.4	329.1		61,000*	300
310	9.3	213.3	3,800	34,500*	20.6	266.5		47,300*	27.5	295.0		55,100*	32.9	314.1		56,300*	310
320					13.5	231.9		42,600*	22.6	272.6		49,700*	28.9	296.8		51,900*	320
330									16.5	242.9		44,800*	24.3	275.9		47,700*	330
340									4.5	183.2		40,400*	18.7	249.3		43,700*	340
350													10.2	207.7		39,600*	350

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

160 Ft. Boom, 310 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
130	70.7	462.0	125,500	152,000*												130
135	69.7	460.1	117,400	151,300*												135
140	68.7	458.1	109,900	150,600*												140
145	67.7	456.0	103,000	148,100*												145
150	66.7	453.9	96,500	143,500*												150
155	65.7	451.5	90,500	138,900*												155
160	64.7	449.1	84,900	134,300*	67.5	453.4	67,100	143,900*								160
165	63.6	446.6	79,700	129,600*	66.5	451.1	62,400	142,800*								165
170	62.6	444.0	74,800	125,200*	65.5	448.8	58,100	138,400*								170
175	61.5	441.2	70,100	120,700*	64.4	446.4	53,900	134,000*								175
180	60.5	438.4	65,800	116,200*	63.4	443.8	50,100	129,500*								180
185	59.4	435.4	61,700	111,800*	62.4	441.2	46,400	125,000*								185
190	58.3	432.2	57,800	107,400*	61.3	438.4	42,900	120,500*								190
195	57.2	429.0	54,100	103,200*	60.2	435.5	39,700	116,200*								195
200	56.1	425.6	50,600	99,000*	59.2	432.5	36,600	111,800*	62.1	437.0	22,700	122,900*				200
205	55.0	422.0	47,300	94,800*	58.1	429.3	33,600	107,500*	61.0	434.2	20,100	118,700*				205
210	53.8	418.3	44,100	90,800*	57.0	426.0	30,800	103,200*	59.9	431.3	17,600	114,500*				210
215	52.6	414.5	41,100	86,800*	55.8	422.6	28,100	99,000*	58.8	428.2	15,300	110,300*				215
220	51.5	410.4	38,200	83,000*	54.7	419.0	25,600	94,900*	57.7	425.0	13,100	106,200*				220
225	50.2	406.2	35,500	79,200*	53.5	415.3	23,100	90,800*	56.6	421.7	10,900	102,100*				225
230	49.0	401.9	32,800	75,500*	52.4	411.4	20,800	86,900*	55.5	418.2	8,900	98,000*				230
235	47.8	397.3	30,300	72,000*	51.2	407.3	18,600	83,000*	54.4	414.6	6,900	93,900*	57.4	419.3	96,600*	235
240	46.5	392.5	27,900	68,500*	50.0	403.1	16,400	79,200*	53.2	410.8	5,000	90,000*	56.2	415.9	92,900*	240
245	45.2	387.5	25,600	65,100*	48.7	398.6	14,400	75,500*	52.0	406.9	3,200	86,100*	55.1	412.4	89,300*	245
250	43.8	382.2	23,400	61,800*	47.5	394.0	12,400	72,000*	50.8	402.7	1,500	82,300*	54.0	408.7	85,900*	250
255	42.5	376.7	21,200	58,400*	46.2	389.2	10,500	68,500*	49.6	398.5		78,600*	52.8	404.9	82,600*	255
260	41.1	371.0	19,200	55,300*	44.9	384.1	8,700	64,900*	48.4	394.0		74,900*	51.6	400.9	79,400*	260
270	38.1	358.5	15,300	49,400*	42.1	373.2	5,200	58,400*	45.8	384.4		67,800*	49.2	392.4	73,400*	270
280	34.9	344.5	11,600	43,700*	39.3	361.2	2,000	52,300*	43.1	373.9		61,200*	46.7	383.0	67,800*	280
290	31.5	328.7	8,200	38,300*	36.2	347.9		46,400*	40.3	362.3		54,900*	44.0	372.9	62,600*	290
300	27.6	310.4	5,000	33,300*	32.8	332.8		40,900*	37.3	349.5		48,900*	41.3	361.7	57,000*	300
310	23.1	288.4	1,900	28,600*	29.1	315.6		35,700*	34.1	335.1		43,300*	38.3	349.3	51,000*	310
320	17.6	260.2		24,200*	25.0	295.2		30,800*	30.5	318.7		37,900*	35.2	335.4	45,300*	320
330	9.0	214.7		20,300*	19.9	269.9		26,300*	26.5	299.6		32,900*	31.7	319.7	39,900*	330
340					13.0	234.1		22,100*	21.9	276.4		28,200*	27.9	301.6	34,800*	340
350									15.9	245.6		23,900*	23.5	280.0	30,000*	350
360									4.3	183.8		20,300*	18.0	252.3	25,600*	360
370													9.9	209.3	21,600*	370

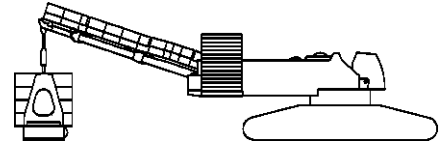


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



180 Ft. Boom, 90 Ft. Luffing Jib

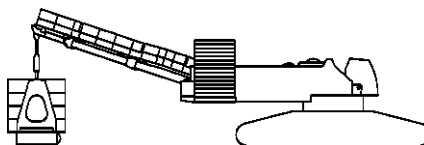
Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60	70.1	273.9	422,600	676,800*b													60
65	66.6	271.6	381,700	623,800*b													65
70	63.0	268.9	347,300	578,100*b													70
75	59.2	265.8	317,900	538,300*													75
80	55.3	262.2	292,400	503,300*	67.0	269.5	259,700	482,400*b									80
85	51.2	258.0	270,200	472,300*	63.4	266.8	239,900	452,600*b									85
90	46.7	253.1	250,500	444,500*	59.7	263.7	222,400	426,100*									90
95	41.9	247.4	233,000	419,500*	55.8	260.2	206,800	402,300*									95
100	36.5	240.6	217,200	396,900*	51.6	256.1	192,800	380,600*									100
105	30.2	232.1	202,800	375,900*	47.3	251.3	180,100	360,200*	59.9	260.2	156,700	344,000*					105
110	22.1	220.3	189,300	317,200*	42.5	245.7	168,600	341,700*	56.0	256.7	146,600	326,300*					110
115					37.2	239.1	158,000	324,600*	51.9	252.6	137,400	310,200*					115
120					31.0	230.7	148,200	308,900*	47.5	247.9	128,900	295,400*					120
125					23.2	219.5	138,900	294,300*	42.8	242.4	121,000	281,700*	55.9	251.5	102,200	268,600*	125
130					9.2	198.1	129,100	264,800*	37.5	235.7	113,700	269,000*	51.8	247.4	95,900	256,600*	130
135									31.4	227.5	106,700	257,200*	47.5	242.7	90,000	245,400*	135
140									23.8	216.6	100,100	246,000*	42.7	237.2	84,500	235,000*	140
145									10.8	196.8	93,000	235,000*	37.4	230.5	79,300	225,300*	145
150													31.3	222.3	74,300	216,100*	150
155													23.6	211.3	69,400	207,300*	155
160													10.4	191.1	63,900	198,500*	160

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

180 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	71.1	293.4	381,700	613,400*													65
70	68.3	291.3	347,200	576,700*													70
75	65.4	288.9	317,800	537,000*													75
80	62.4	286.2	292,400	502,200*													80
85	59.4	283.1	270,300	471,300*													85
90	56.2	279.6	250,800	443,700*	65.7	286.8	221,000	424,300*									90
95	52.9	275.7	233,500	418,900*	62.8	284.1	205,600	400,600*									95
100	49.4	271.3	218,000	396,500*	59.7	281.1	191,700	379,200*									100
105	45.8	266.4	204,000	376,000*	56.6	277.6	179,300	359,000*									105
110	41.8	260.7	191,300	356,800*	53.3	273.8	168,000	340,600*	62.9	280.5	144,600	324,400*					110
115	37.5	254.1	179,700	339,100*	49.8	269.5	157,800	323,900*	59.9	277.5	135,600	308,500*					115
120	32.7	246.2	169,000	322,900*	46.2	264.5	148,300	308,500*	56.8	274.1	127,300	293,800*					120
125	27.0	236.6	159,000	307,900*	42.3	258.9	139,700	294,300*	53.5	270.3	119,700	280,300*					125
130	19.7	223.4	149,600	265,700*	38.0	252.5	131,600	281,100*	50.1	266.0	112,600	267,900*					130
135					33.3	244.8	124,100	268,900*	46.4	261.1	106,100	256,300*	56.7	269.0	87,900	243,600*	135
140					27.7	235.4	117,000	257,500*	42.5	255.6	100,000	245,500*	53.4	265.1	82,700	233,400*	140
145					20.7	222.8	110,100	246,700*	38.3	249.1	94,300	235,500*	50.0	260.8	77,800	223,800*	145
150					7.9	198.8	102,800	223,400*	33.6	241.6	88,900	226,000*	46.4	255.9	73,100	214,900*	150
155									28.1	232.3	83,700	217,100*	42.5	250.4	68,800	206,600*	155
160									21.2	220.0	78,600	208,600*	38.2	243.9	64,600	198,700*	160
165									9.4	197.9	73,100	200,100*	33.5	236.3	60,700	191,200*	165
170													28.0	227.0	56,800	184,100*	170
175													21.0	214.6	53,000	177,300*	175
180													9.0	192.1	48,700	170,300*	180

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

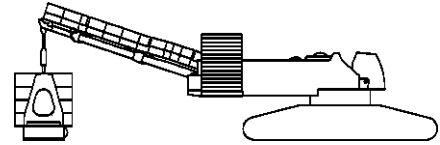


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



180 Ft. Boom, 130 Ft. Luffing Jib

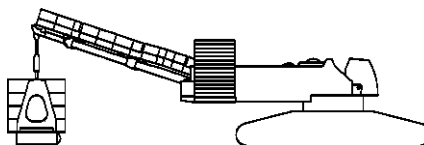
Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	71.8	312.9	345,100	524,200*													70
75	69.4	310.9	315,600	508,700*													75
80	67.0	308.7	290,200	491,500*													80
85	64.6	306.2	268,000	468,500*													85
90	62.0	303.5	248,600	441,000*													90
95	59.5	300.4	231,300	416,300*	67.3	306.6	202,000	397,200*									95
100	56.8	297.1	215,900	394,000*	64.8	304.1	188,300	375,900*									100
105	54.1	293.3	202,000	373,800*	62.3	301.4	175,900	355,900*									105
110	51.2	289.2	189,500	354,700*	59.8	298.4	164,800	337,700*									110
115	48.2	284.6	178,000	337,200*	57.1	295.1	154,600	321,000*									115
120	45.1	279.6	167,600	321,200*	54.4	291.4	145,300	305,800*	62.5	297.8	123,100	290,300*					120
125	41.8	273.9	158,000	306,400*	51.5	287.3	136,800	291,700*	59.9	294.8	115,700	277,000*					125
130	38.2	267.4	149,100	292,800*	48.6	282.8	129,000	278,700*	57.3	291.5	108,800	264,600*					130
135	34.2	260.0	140,800	280,100*	45.5	277.8	121,700	266,700*	54.6	287.9	102,400	253,200*					135
140	29.8	251.4	133,100	268,300*	42.1	272.2	114,900	255,500*	51.7	283.8	96,500	242,600*					140
145	24.6	240.7	125,800	253,800*	38.6	265.8	108,600	245,100*	48.8	279.3	91,000	232,700*	57.2	286.4	73,400	220,300*	145
150	17.9	226.3	118,700	214,800*	34.7	258.5	102,600	235,300*	45.7	274.3	85,800	223,400*	54.5	282.7	68,900	211,500*	150
155					30.3	250.0	97,000	226,100*	42.4	268.8	80,900	214,700*	51.7	278.7	64,700	203,300*	155
160					25.3	239.6	91,600	217,400*	38.8	262.5	76,300	206,500*	48.7	274.2	60,800	195,600*	160
165					18.8	225.8	86,300	209,100*	34.9	255.3	72,000	198,800*	45.6	269.2	57,100	188,300*	165
170					7.0	199.5	80,600	183,500*	30.6	246.8	67,800	191,500*	42.3	263.6	53,600	181,400*	170
175									25.6	236.6	63,800	184,600*	38.8	257.3	50,200	174,900*	175
180									19.3	223.1	59,800	177,900*	34.9	250.1	47,000	168,700*	180
185									8.4	198.9	55,400	171,100*	30.6	241.6	43,900	162,800*	185
190													25.5	231.3	40,800	157,200*	190
195													19.1	217.7	37,700	151,700*	195
200													8.0	193.1	34,200	146,100*	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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

180 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	72.3	332.3	314,200	451,600*													75
80	70.3	330.5	288,700	440,100*													80
85	68.2	328.4	266,600	427,400*													85
90	66.1	326.1	247,000	413,800*													90
95	64.0	323.6	229,800	399,400*													95
100	61.8	320.8	214,400	384,700*													100
105	59.5	317.8	200,500	369,700*	66.3	324.0	173,600	353,700*									105
110	57.3	314.5	188,000	353,100*	64.2	321.5	162,500	335,500*									110
115	54.9	310.9	176,600	335,600*	62.0	318.7	152,400	318,900*									115
120	52.5	306.9	166,300	319,700*	59.8	315.7	143,200	303,700*									120
125	50.0	302.6	156,700	305,000*	57.5	312.4	134,700	289,700*									125
130	47.3	298.0	148,000	291,500*	55.2	308.9	126,900	276,800*	62.2	315.1	106,000	262,300*					130
135	44.6	292.8	139,900	278,900*	52.8	305.0	119,800	264,900*	59.9	312.1	99,700	250,900*					135
140	41.7	287.1	132,400	267,200*	50.2	300.7	113,100	253,800*	57.7	308.9	93,900	240,400*					140
145	38.6	280.8	125,300	256,400*	47.6	296.1	106,900	243,400*	55.3	305.4	88,500	230,500*					145
150	35.3	273.7	118,800	246,200*	44.9	291.0	101,100	233,800*	52.9	301.5	83,400	221,300*					150
155	31.7	265.6	112,600	236,600*	42.0	285.4	95,700	224,700*	50.4	297.3	78,600	212,700*	57.6	303.8	61,800	200,900*	155
160	27.6	256.1	106,700	227,600*	39.0	279.1	90,500	216,200*	47.8	292.6	74,200	204,700*	55.3	300.2	57,900	193,200*	160
165	22.7	244.5	101,100	207,800*	35.7	272.1	85,700	208,200*	45.1	287.6	70,000	197,100*	52.9	296.3	54,300	186,000*	165
170	16.5	228.9	95,600	177,200*	32.1	264.1	81,100	200,600*	42.2	282.0	66,000	189,900*	50.4	292.1	50,900	179,300*	170
175					28.1	254.8	76,700	193,400*	39.2	275.8	62,200	183,200*	47.8	287.5	47,700	172,900*	175
180					23.4	243.5	72,500	186,600*	35.9	268.8	58,700	176,700*	45.0	282.4	44,600	166,800*	180
185					17.3	228.6	68,300	180,000*	32.3	260.9	55,200	170,600*	42.2	276.8	41,700	161,000*	185
190					6.3	200.2	63,600	153,100*	28.3	251.7	51,900	164,800*	39.1	270.6	38,900	155,600*	190
195									23.7	240.6	48,700	159,200*	35.9	263.6	36,200	150,400*	195
200									17.8	225.9	45,400	153,800*	32.3	255.7	33,600	145,400*	200
205									7.6	199.8	41,800	148,300*	28.3	246.4	31,100	140,600*	205
210													23.6	235.3	28,600	136,000*	210
215													17.7	220.6	26,100	131,500*	215
220													7.3	193.9	23,200	126,800*	220

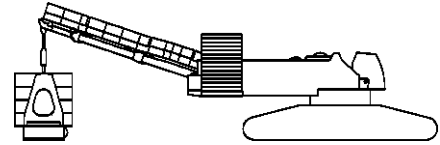


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



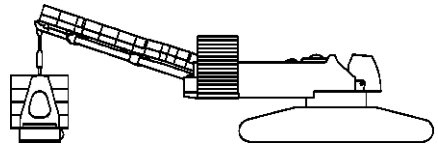
180 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	72.7	351.8	285,900	390,200*													80
85	70.9	350.0	263,700	381,800*													85
90	69.1	348.0	244,100	372,400*													90
95	67.2	345.8	226,800	362,200*													95
100	65.4	343.5	211,400	351,700*													100
105	63.5	340.9	197,500	340,500*													105
110	61.6	338.1	185,000	329,000*	67.5	343.7	158,600	332,100*									110
115	59.6	335.1	173,700	317,100*	65.6	341.3	148,500	315,600*									115
120	57.6	331.8	163,400	305,500*	63.7	338.8	139,300	300,400*									120
125	55.5	328.3	153,900	294,000*	61.8	336.0	130,900	286,500*									125
130	53.4	324.5	145,200	282,600*	59.8	333.0	123,200	273,700*									130
135	51.2	320.5	137,100	271,600*	57.8	329.8	116,100	261,800*									135
140	49.0	316.0	129,700	260,900*	55.8	326.3	109,500	250,800*	61.9	332.4	89,500	236,800*					140
145	46.7	311.2	122,700	250,600*	53.7	322.6	103,400	240,500*	59.9	329.5	84,200	227,000*					145
150	44.2	306.0	116,300	240,800*	51.5	318.5	97,600	230,900*	57.9	326.3	79,200	217,900*					150
155	41.7	300.3	110,200	231,500*	49.2	314.1	92,300	221,900*	55.9	322.8	74,500	209,400*					155
160	39.0	294.1	104,500	222,800*	46.9	309.4	87,300	213,500*	53.8	319.1	70,100	201,400*					160
165	36.1	287.2	99,200	214,700*	44.5	304.2	82,600	205,500*	51.6	315.0	66,000	193,900*	57.9	321.1	49,700	182,400*	165
170	33.0	279.5	94,100	207,200*	42.0	298.6	78,100	198,100*	49.4	310.7	62,200	186,800*	55.9	317.7	46,400	175,700*	170
175	29.6	270.7	89,300	200,600*	39.3	292.4	73,900	191,000*	47.1	305.9	58,500	180,100*	53.8	313.9	43,200	169,300*	175
180	25.8	260.5	84,600	189,400*	36.4	285.6	69,900	184,300*	44.7	300.8	55,000	173,800*	51.6	309.9	40,300	163,400*	180
185	21.2	248.0	80,200	171,200*	33.4	278.0	66,100	178,000*	42.1	295.2	51,700	167,800*	49.3	305.5	37,400	157,700*	185
190	15.4	231.3	75,800	146,500*	30.0	269.4	62,500	172,000*	39.5	289.1	48,600	162,100*	47.0	300.8	34,800	152,300*	190
195					26.2	259.3	58,900	166,200*	36.6	282.3	45,600	156,700*	44.6	295.6	32,200	147,200*	195
200					21.8	247.2	55,500	160,700*	33.6	274.7	42,700	151,500*	42.1	290.0	29,800	142,300*	200
205					16.2	231.2	52,100	155,300*	30.2	266.1	39,900	146,600*	39.4	283.9	27,400	137,700*	205
210					5.8	200.8	48,200	127,400*	26.5	256.2	37,200	141,800*	36.6	277.1	25,200	133,200*	210
215									22.1	244.2	34,600	137,300*	33.5	269.5	23,000	129,000*	215
220									16.6	228.6	31,900	132,800*	30.2	260.9	20,900	124,900*	220
225									7.0	200.7	28,900	128,200*	26.4	251.0	18,800	120,900*	225
230													22.0	239.0	16,700	117,100*	230
235													16.5	223.2	14,600	113,300*	235
240													6.7	194.7	12,100	109,400*	240

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

180 Ft. Boom, 190 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	73.0	371.2	261,700	339,200*													85
90	71.4	369.4	242,100	332,900*													90
95	69.8	367.5	224,700	325,900*													95
100	68.1	365.5	209,300	318,200*													100
105	66.5	363.2	195,400	310,200*													105
110	64.8	360.8	182,900	301,700*													110
115	63.1	358.2	171,500	292,800*													115
120	61.4	355.4	161,200	283,800*	66.7	361.1	136,600	298,000*									120
125	59.6	352.4	151,700	274,600*	65.0	358.7	128,200	284,100*									125
130	57.8	349.2	143,000	265,400*	63.3	356.1	120,500	271,300*									130
135	56.0	345.8	135,000	256,100*	61.6	353.3	113,400	259,500*									135
140	54.1	342.1	127,500	247,100*	59.8	350.4	106,800	248,500*									140
145	52.2	338.1	120,600	238,300*	58.1	347.2	100,700	238,200*									145
150	50.3	333.9	114,200	229,600*	56.2	343.8	95,000	228,700*	61.7	349.7	76,100	215,400*					150
155	48.2	329.4	108,200	221,300*	54.4	340.1	89,700	219,700*	59.9	346.8	71,500	206,900*					155
160	46.1	324.5	102,600	213,200*	52.4	336.2	84,800	211,300*	58.2	343.6	67,100	199,000*					160
165	43.9	319.2	97,300	205,500*	50.5	332.0	80,100	203,500*	56.3	340.2	63,100	191,500*					165
170	41.6	313.5	92,300	198,200*	48.5	327.5	75,700	196,000*	54.5	336.6	59,200	184,400*					170
175	39.2	307.4	87,600	191,300*	46.4	322.7	71,600	189,000*	52.6	332.7	55,600	177,800*					175
180	36.7	300.6	83,100	184,800*	44.2	317.5	67,600	182,400*	50.6	328.5	52,200	171,500*	56.3	335.1	37,000	160,800*	180
185	34.0	293.2	78,900	178,800*	41.9	311.8	63,900	176,100*	48.6	324.0	49,000	165,600*	54.4	331.4	34,300	155,200*	185
190	31.1	284.9	74,900	173,300*	39.5	305.7	60,400	170,200*	46.5	319.2	45,900	159,900*	52.5	327.5	31,700	149,800*	190
195	27.9	275.5	71,000	168,300*	37.0	299.0	57,000	164,500*	44.3	314.0	43,000	154,600*	50.6	323.4	29,200	144,800*	195
200	24.3	264.6	67,300	158,200*	34.3	291.7	53,800	159,100*	42.0	308.4	40,200	149,500*	48.5	318.9	26,800	139,900*	200
205	20.0	251.4	63,600	142,700*	31.4	283.5	50,700	154,000*	39.7	302.3	37,600	144,600*	46.4	314.0	24,500	135,300*	205
210	14.4	233.6	60,000	122,300*	28.3	274.2	47,700	149,100*	37.2	295.7	35,000	140,000*	44.3	308.9	22,300	131,000*	210
215					24.7	263.5	44,900	144,300*	34.5	288.4	32,600	135,600*	42.0	303.2	20,300	126,800*	215
220					20.5	250.6	42,000	139,800*	31.6	280.3	30,200	131,300*	39.6	297.1	18,300	122,800*	220
225					15.2	233.6	39,200	135,300*	28.5	271.1	27,900	127,200*	37.1	290.5	16,300	118,900*	225
230					5.4	201.4	35,900	106,900*	24.9	260.5	25,700	123,300*	34.5	283.2	14,500	115,200*	230
235									20.8	247.7	23,400	119,400*	31.6	275.0	12,700	111,700*	235
240									15.6	231.1	21,200	115,700*	28.4	265.9	10,900	108,200*	240
245									6.5	201.6	18,600	111,800*	24.9	255.2	9,100	104,900*	245
250													20.7	242.4	7,400	101,700*	250
255													15.5	225.7	5,600	98,500*	255
260													6.2	195.5	3,400	95,100*	260

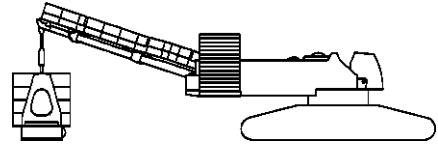


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



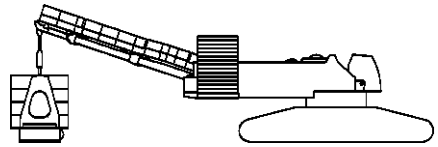
180 Ft. Boom, 210 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95	71.8	388.9	221,500	290,400*													95
100	70.3	387.0	206,000	285,200*													100
105	68.9	385.0	192,100	279,400*													105
110	67.4	382.9	179,600	273,300*													110
115	65.9	380.6	168,200	267,000*													115
120	64.4	378.2	157,900	260,300*													120
125	62.8	375.5	148,400	253,400*	67.6	380.8	124,100	280,700*									125
130	61.3	372.7	139,700	246,200*	66.1	378.5	116,500	268,000*									130
135	59.7	369.7	131,700	239,000*	64.5	376.0	109,400	256,200*									135
140	58.1	366.6	124,300	231,700*	63.0	373.4	102,900	245,200*									140
145	56.4	363.2	117,400	224,500*	61.4	370.6	96,800	235,000*									145
150	54.7	359.6	111,000	217,300*	59.9	367.7	91,200	225,500*									150
155	53.0	355.7	105,000	210,000*	58.2	364.5	85,900	216,600*									155
160	51.3	351.7	99,400	203,100*	56.6	361.2	81,000	208,200*	61.5	367.1	62,700	195,400*					160
165	49.4	347.3	94,200	196,300*	54.9	357.6	76,300	200,400*	60.0	364.1	58,700	188,000*					165
170	47.6	342.7	89,200	189,700*	53.2	353.8	72,000	193,000*	58.3	361.0	54,900	181,000*					170
175	45.7	337.8	84,600	183,300*	51.5	349.7	67,900	186,000*	56.7	357.6	51,400	174,400*					175
180	43.7	332.5	80,200	177,200*	49.7	345.4	64,000	179,500*	55.0	354.1	48,000	168,200*					180
185	41.6	326.8	76,000	171,400*	47.8	340.8	60,400	173,200*	53.3	350.3	44,800	162,300*					185
190	39.5	320.7	72,100	165,800*	45.9	335.9	56,900	167,300*	51.6	346.2	41,800	156,700*	56.7	352.5	27,000	146,200*	190
195	37.2	314.0	68,300	160,500*	43.9	330.7	53,600	161,700*	49.8	342.0	39,000	151,400*	55.0	348.9	24,600	141,200*	195
200	34.8	306.8	64,700	155,600*	41.9	325.0	50,400	156,400*	47.9	337.4	36,300	146,300*	53.3	345.1	22,300	136,400*	200
205	32.2	298.9	61,300	151,000*	39.7	319.0	47,400	151,300*	46.0	332.5	33,700	141,500*	51.5	341.1	20,100	131,900*	205
210	29.5	290.0	58,000	146,900*	37.5	312.4	44,600	146,500*	44.0	327.2	31,200	136,900*	49.7	336.8	18,000	127,500*	210
215	26.4	280.1	54,800	142,000*	35.1	305.2	41,800	141,800*	42.0	321.6	28,800	132,600*	47.9	332.2	16,000	123,400*	215
220	23.0	268.5	51,700	132,100*	32.5	297.4	39,200	137,400*	39.8	315.6	26,500	128,400*	46.0	327.3	14,000	119,500*	220
225	18.9	254.5	48,700	118,600*	29.8	288.7	36,600	133,100*	37.6	309.1	24,400	124,400*	44.0	322.1	12,200	115,700*	225
230	13.7	235.8	45,600	101,300*	26.8	278.9	34,200	129,000*	35.2	302.0	22,200	120,500*	42.0	316.5	10,400	112,000*	230
235					23.4	267.5	31,700	125,100*	32.7	294.1	20,200	116,800*	39.8	310.4	8,700	108,600*	235
240					19.4	253.9	29,400	121,200*	30.0	285.5	18,200	113,200*	37.6	303.9	7,000	105,200*	240
245					14.4	236.0	26,900	114,900*	27.0	275.7	16,300	109,800*	35.2	296.7	5,400	102,000*	245
250					5.0	202.0	24,100	88,700*	23.6	264.5	14,400	106,500*	32.7	288.9	3,800	98,900*	250
255									19.7	251.1	12,500	103,200*	29.9	280.3	2,300	95,900*	255
260									14.7	233.5	10,600	100,000*	26.9	270.5	800	92,900*	260
270													19.6	245.7		86,500*	270
280													5.8	196.3		80,000*	280

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

180 Ft. Boom, 230 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100	72.1	408.3	203,600	254,400*													100
105	70.8	406.5	189,700	250,400*													105
110	69.5	404.6	177,100	246,100*													110
115	68.1	402.5	165,700	241,400*													115
120	66.8	400.3	155,400	236,600*													120
125	65.4	398.0	145,900	231,400*													125
130	64.0	395.5	137,200	226,000*													130
135	62.6	392.9	129,100	220,500*	66.9	398.2	106,400	252,000*									135
140	61.2	390.0	121,700	214,800*	65.5	395.9	99,900	242,700*									140
145	59.7	387.1	114,800	209,100*	64.1	393.4	93,800	232,500*									145
150	58.2	383.9	108,400	203,300*	62.7	390.7	88,200	223,000*									150
155	56.7	380.6	102,500	197,500*	61.3	388.0	82,900	214,100*									155
160	55.2	377.0	96,900	191,700*	59.9	385.0	78,000	205,800*									160
165	53.7	373.3	91,600	185,900*	58.4	381.9	73,400	198,000*	62.8	387.2	55,400	185,400*					165
170	52.1	369.4	86,700	180,300*	56.9	378.6	69,100	190,600*	61.4	384.4	51,700	178,400*					170
175	50.4	365.2	82,100	174,600*	55.4	375.0	65,000	183,700*	60.0	381.4	48,100	171,800*					175
180	48.8	360.7	77,700	169,200*	53.8	371.3	61,200	177,100*	58.5	378.3	44,800	165,600*					180
185	47.1	356.0	73,600	164,000*	52.2	367.4	57,500	170,900*	57.0	375.0	41,700	159,800*					185
190	45.3	351.0	69,700	158,900*	50.6	363.2	54,100	165,100*	55.5	371.5	38,700	154,200*					190
195	43.5	345.7	65,900	154,000*	49.0	358.8	50,800	159,500*	53.9	367.8	35,900	148,900*					195
200	41.6	340.0	62,400	149,300*	47.3	354.2	47,700	154,200*	52.3	363.9	33,200	143,900*	57.0	369.9	18,900	133,800*	200
205	39.6	333.9	59,000	144,800*	45.5	349.2	44,800	149,100*	50.7	359.7	30,600	139,100*	55.5	366.4	16,700	129,200*	205
210	37.6	327.4	55,800	140,500*	43.7	343.9	41,900	144,300*	49.1	355.4	28,200	134,500*	53.9	362.7	14,600	124,900*	210
215	35.4	320.3	52,700	136,400*	41.8	338.3	39,200	139,700*	47.4	350.7	25,800	130,200*	52.3	358.7	12,700	120,800*	215
220	33.2	312.7	49,800	132,700*	39.9	332.2	36,700	135,300*	45.6	345.7	23,600	126,000*	50.7	354.6	10,800	116,900*	220
225	30.7	304.2	46,900	129,300*	37.8	325.7	34,200	131,100*	43.8	340.5	21,500	122,100*	49.0	350.2	9,000	113,200*	225
230	28.1	294.9	44,200	124,900*	35.7	318.8	31,800	127,100*	41.9	334.9	19,400	118,300*	47.3	345.5	7,200	109,600*	230
235	25.2	284.4	41,500	119,100*	33.4	311.2	29,500	123,200*	40.0	328.9	17,400	114,600*	45.6	340.6	5,500	106,100*	235
240	21.9	272.2	38,900	110,700*	31.0	302.9	27,300	119,500*	38.0	322.4	15,500	111,100*	43.8	335.3	3,900	102,800*	240
245	18.0	257.5	36,400	98,800*	28.4	293.6	25,100	115,900*	35.8	315.4	13,700	107,700*	41.9	329.7	2,400	99,600*	245
250	13.0	237.9	33,800	83,900*	25.5	283.3	23,000	112,400*	33.6	307.9	11,900	104,500*	40.0	323.7	900	96,600*	250
255					22.3	271.3	21,000	109,100*	31.2	299.6	10,200	101,300*	37.9	317.2		93,200*	255
260					18.5	257.0	18,900	105,800*	28.6	290.5	8,500	98,300*	35.8	310.2		90,000*	260
270					4.7	202.6	14,400	73,400*	22.5	268.4	5,300	92,500*	31.1	294.4		83,900*	270
280									14.0	235.8	1,900	86,900*	25.7	274.9		78,100*	280
290													18.7	248.9		72,600*	290
300													5.5	197.0		66,900*	300

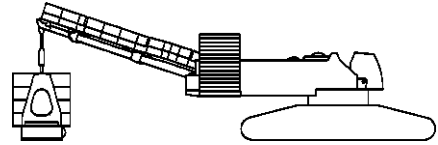


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



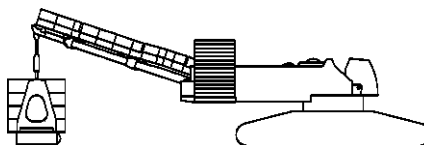
180 Ft. Boom, 250 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	72.4	427.7	186,300	222,900*													105
110	71.2	426.0	173,800	219,800*													110
115	70.0	424.1	162,300	216,500*													115
120	68.7	422.1	152,000	212,900*													120
125	67.5	420.0	142,500	209,100*													125
130	66.2	417.7	133,800	205,100*													130
135	65.0	415.4	125,700	201,000*													135
140	63.7	412.8	118,300	196,700*	67.6	417.8	95,800	216,000*									140
145	62.4	410.2	111,400	192,300*	66.4	415.6	89,800	216,000*									145
150	61.1	407.4	105,000	187,800*	65.1	413.2	84,200	216,000*									150
155	59.7	404.4	99,100	183,200*	63.8	410.7	78,900	210,900*									155
160	58.4	401.3	93,500	178,500*	62.5	408.1	74,000	202,600*									160
165	57.0	398.0	88,200	173,900*	61.2	405.3	69,500	194,800*									165
170	55.6	394.5	83,300	169,200*	59.9	402.3	65,100	187,400*									170
175	54.2	390.8	78,700	164,600*	58.5	399.2	61,100	180,500*	62.6	404.5	43,700	168,300*					175
180	52.7	387.0	74,400	160,000*	57.2	395.9	57,300	174,000*	61.3	401.7	40,400	162,200*					180
185	51.3	382.9	70,200	155,500*	55.8	392.5	53,700	167,800*	60.0	398.7	37,300	156,300*					185
190	49.8	378.6	66,400	150,900*	54.4	388.8	50,300	162,000*	58.6	395.6	34,400	150,800*					190
195	48.2	374.1	62,700	146,600*	52.9	385.0	47,000	156,400*	57.2	392.4	31,600	145,500*					195
200	46.6	369.3	59,100	142,400*	51.4	381.0	43,900	151,200*	55.9	388.9	28,900	140,500*					200
205	45.0	364.3	55,800	138,300*	49.9	376.7	41,000	146,100*	54.4	385.3	26,400	135,800*					205
210	43.3	358.9	52,600	134,300*	48.4	372.2	38,200	141,300*	53.0	381.5	24,000	131,300*	57.2	387.2	10,000	121,400*	210
215	41.6	353.2	49,600	130,500*	46.8	367.5	35,600	136,800*	51.5	377.5	21,700	126,900*	55.8	383.8	8,100	117,300*	215
220	39.8	347.2	46,700	126,800*	45.2	362.5	33,000	132,400*	50.0	373.2	19,500	122,800*	54.4	380.2	6,200	113,400*	220
225	37.9	340.7	43,900	123,300*	43.5	357.1	30,600	128,200*	48.5	368.7	17,400	118,900*	53.0	376.4	4,500	109,700*	225
230	36.0	333.8	41,200	120,000*	41.8	351.5	28,200	124,200*	46.9	364.0	15,400	115,100*	51.5	372.3	2,800	106,100*	230
235	33.9	326.3	38,600	116,900*	40.0	345.5	26,000	120,400*	45.3	359.0	13,500	111,500*	50.0	368.1	1,100	102,700*	235
240	31.7	318.2	36,200	113,300*	38.1	339.1	23,900	116,700*	43.6	353.7	11,600	108,000*	48.5	363.6		99,200*	240
245	29.4	309.4	33,800	109,000*	36.2	332.2	21,800	113,200*	41.9	348.1	9,800	104,700*	46.9	358.9		95,600*	245
250	26.9	299.6	31,400	104,900*	34.1	324.8	19,800	109,800*	40.1	342.1	8,100	101,500*	45.3	353.9		92,200*	250
255	24.1	288.5	29,200	99,200*	32.0	316.8	17,800	106,500*	38.2	335.7	6,500	98,400*	43.6	348.5		88,900*	255
260	21.0	275.8	27,000	92,000*	29.7	308.0	15,900	103,300*	36.3	328.9	4,800	95,400*	41.9	342.9		85,800*	260
270	12.4	239.9	22,500	68,300*	24.4	287.5	12,300	97,300*	32.1	313.5	1,800	89,700*	38.2	330.5		79,800*	270
280					17.7	260.0	8,800	90,600*	27.3	295.2		84,300*	34.2	316.3		74,200*	280
290					4.5	203.1	4,800	59,400*	21.5	272.0		78,500*	29.8	299.6		68,900*	290
300									13.4	238.0		72,900*	24.6	279.2		63,900*	300
310													17.9	251.9		59,100*	310
320													5.2	197.7		54,100*	320

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

**Meets
ANSI B30.5
Requirements**



**18000 With
21000 MAX-ER**

180 Ft. Boom, 270 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115	71.5	445.4	159,700	191,400*													115
120	70.4	443.6	149,300	190,300*													120
125	69.2	441.7	139,700	187,500*													125
130	68.1	439.6	131,000	184,700*													130
135	66.9	437.5	123,000	181,600*													135
140	65.8	435.1	115,500	178,500*													140
145	64.6	432.7	108,600	175,100*													145
150	63.4	430.2	102,200	171,800*	67.1	435.3	81,000	184,400*									150
155	62.2	427.5	96,300	168,300*	65.9	433.0	75,800	184,400*									155
160	61.0	424.7	90,700	164,800*	64.7	430.6	70,900	184,000*									160
165	59.7	421.7	85,500	161,100*	63.5	428.1	66,300	179,300*									165
170	58.5	418.6	80,600	156,700*	62.3	425.4	62,000	174,300*									170
175	57.2	415.3	75,900	151,900*	61.1	422.6	58,000	169,400*									175
180	55.9	411.9	71,600	147,000*	59.9	419.6	54,200	164,400*									180
185	54.6	408.3	67,500	142,200*	58.6	416.5	50,600	159,500*	62.4	421.8	33,900	153,600*					185
190	53.3	404.5	63,600	137,600*	57.4	413.3	47,200	154,500*	61.2	419.0	31,000	148,100*					190
195	52.0	400.6	59,900	132,800*	56.1	409.9	44,000	149,600*	60.0	416.1	28,200	142,900*					195
200	50.6	396.4	56,400	128,300*	54.8	406.3	40,900	144,900*	58.7	413.0	25,600	137,900*					200
205	49.2	392.0	53,100	123,900*	53.5	402.6	38,000	140,100*	57.5	409.7	23,100	133,200*					205
210	47.7	387.5	49,900	119,600*	52.1	398.6	35,200	135,500*	56.2	406.4	20,700	128,700*					210
215	46.2	382.6	46,900	115,400*	50.7	394.5	32,600	130,900*	54.9	402.8	18,400	124,400*					215
220	44.7	377.5	44,000	111,300*	49.3	390.1	30,000	126,400*	53.5	399.0	16,300	120,300*	57.4	404.6	2,700	110,700*	220
225	43.2	372.1	41,300	107,300*	47.9	385.6	27,600	122,000*	52.2	395.1	14,200	116,400*	56.1	401.2	1,000	107,000*	225
230	41.6	366.5	38,600	103,400*	46.4	380.8	25,300	117,700*	50.8	391.0	12,200	112,600*	54.8	397.6		103,200*	230
235	39.9	360.4	36,100	99,600*	44.9	375.7	23,100	113,500*	49.4	386.6	10,300	109,000*	53.5	393.9		99,400*	235
240	38.2	354.0	33,600	95,900*	43.4	370.4	21,000	109,400*	48.0	382.1	8,500	105,500*	52.2	390.0		95,700*	240
245	36.4	347.2	31,300	92,300*	41.8	364.7	18,900	105,400*	46.5	377.3	6,700	102,200*	50.8	385.8		92,200*	245
250	34.5	339.9	29,000	88,800*	40.1	358.7	17,000	101,600*	45.0	372.3	5,000	99,000*	49.4	381.5		88,800*	250
255	32.5	332.1	26,900	85,400*	38.4	352.4	15,100	97,800*	43.5	366.9	3,400	96,000*	48.0	377.0		85,500*	255
260	30.5	323.6	24,700	82,100*	36.6	345.6	13,200	94,100*	41.9	361.3	1,800	93,000*	46.5	372.1		82,400*	260
270	25.8	304.1	20,700	75,900*	32.8	330.6	9,800	87,100*	38.5	349.0		87,300*	43.4	361.8		76,500*	270
280	20.1	279.2	16,800	70,100*	28.5	313.0	6,500	80,500*	34.9	335.1		81,400*	40.2	350.2		71,000*	280
290	11.9	241.9	13,000	54,900*	23.4	291.5	3,300	74,300*	30.8	319.0		75,800*	36.7	337.1		65,800*	290
300					17.0	262.8	200	68,600*	26.2	299.8		70,500*	32.9	322.1		60,900*	300
310					4.2	203.6		47,300*	20.7	275.5		65,500*	28.6	304.6		56,300*	310
320									12.8	240.1		60,600*	23.6	283.2		52,000*	320
330													17.2	254.7		47,700*	330
340													5.0	198.3		43,200*	340

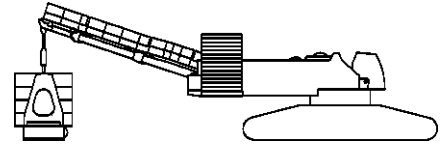


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



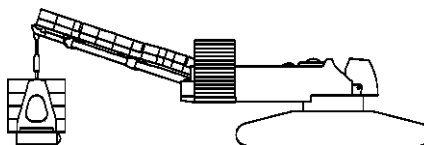
180 Ft. Boom, 290 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
125	70.7	463.1	136,300	165,500*												125	
130	69.7	461.2	127,500	165,000*												130	
135	68.6	459.2	119,500	162,700*												135	
140	67.6	457.1	112,000	160,400*												140	
145	66.5	454.9	105,100	158,000*												145	
150	65.4	452.5	98,700	155,400*												150	
155	64.3	450.1	92,800	152,700*	67.7	454.9	71,700	158,500*								155	
160	63.2	447.5	87,200	149,000*	66.6	452.7	66,800	158,500*								160	
165	62.0	444.8	81,900	144,300*	65.5	450.4	62,300	158,400*								165	
170	60.9	442.0	77,000	139,800*	64.4	448.0	58,000	155,500*								170	
175	59.8	439.0	72,400	135,200*	63.3	445.4	54,000	151,000*								175	
180	58.6	435.9	68,100	130,600*	62.2	442.7	50,200	146,400*								180	
185	57.4	432.7	64,000	126,000*	61.0	439.9	46,600	141,800*								185	
190	56.2	429.3	60,100	121,500*	59.9	437.0	43,200	137,200*								190	
195	55.0	425.8	56,400	117,200*	58.7	433.9	40,000	132,600*	62.2	439.1	23,800	139,500*				195	
200	53.8	422.1	52,900	112,900*	57.6	430.7	37,000	128,200*	61.1	436.3	21,200	134,500*				200	
205	52.5	418.2	49,600	108,600*	56.4	427.3	34,100	123,700*	60.0	433.4	18,800	129,800*				205	
210	51.3	414.1	46,500	104,500*	55.2	423.8	31,300	119,300*	58.8	430.3	16,400	125,300*				210	
215	50.0	409.9	43,500	100,300*	53.9	420.1	28,700	114,900*	57.6	427.1	14,200	121,000*				215	
220	48.7	405.4	40,600	96,400*	52.7	416.2	26,200	110,500*	56.4	423.7	12,000	117,000*				220	
225	47.3	400.8	37,900	92,500*	51.4	412.2	23,800	106,300*	55.2	420.2	10,000	113,100*				225	
230	45.9	395.9	35,200	88,700*	50.1	408.0	21,500	102,200*	54.0	416.5	8,000	109,300*	57.6	422.0	98,500*	230	
235	44.5	390.8	32,700	85,100*	48.8	403.5	19,300	98,200*	52.8	412.7	6,100	105,700*	56.4	418.6	94,700*	235	
240	43.1	385.4	30,300	81,500*	47.5	398.9	17,200	94,300*	51.5	408.7	4,300	102,300*	55.2	415.1	91,100*	240	
245	41.6	379.7	28,000	78,000*	46.1	394.1	15,200	90,500*	50.2	404.5	2,600	99,000*	54.0	411.4	87,600*	245	
250	40.0	373.7	25,800	74,600*	44.7	389.0	13,300	86,700*	48.9	400.1	900	95,900*	52.7	407.6	84,300*	250	
255	38.4	367.4	23,600	71,300*	43.2	383.6	11,400	83,100*	47.5	395.5		92,800*	51.5	403.5	81,000*	255	
260	36.8	360.6	21,500	68,100*	41.7	378.0	9,600	79,500*	46.2	390.6		89,600*	50.2	399.3	77,900*	260	
270	33.2	345.8	17,600	61,900*	38.6	365.7	6,200	72,700*	43.3	380.2		83,300*	47.5	390.3	72,100*	270	
280	29.3	328.7	13,900	56,100*	35.2	351.9	3,000	66,300*	40.3	368.6		77,000*	44.7	380.4	66,600*	280	
290	24.8	308.4	10,400	50,600*	31.6	336.2		60,200*	37.1	355.7		70,300*	41.8	369.4	61,500*	290	
300	19.4	282.5	7,000	45,600*	27.4	317.8		54,400*	33.6	341.0		64,000*	38.7	357.1	56,800*	300	
310	11.4	243.7	3,600	40,900*	22.6	295.4		49,100*	29.7	324.2		58,100*	35.3	343.4	52,300*	310	
320					16.4	265.5		44,100*	25.3	304.2		52,500*	31.6	327.7	48,000*	320	
330					4.0	204.1		35,800*	19.9	278.9		47,300*	27.5	309.4	44,000*	330	
340									12.4	242.1		42,600*	22.7	287.1	40,200*	340	
350													16.5	257.5	36,400*	350	
360													4.8	198.9	32,400*	360	

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

180 Ft. Boom, 310 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
135	70.1	480.7	116,600	142,900*												135
140	69.1	478.7	109,100	142,400*												140
145	68.1	476.7	102,200	141,500*												145
150	67.1	474.5	95,800	139,600*												150
155	66.1	472.3	89,800	137,500*												155
160	65.0	469.9	84,300	133,300*												160
165	64.0	467.4	79,000	129,000*	67.2	472.4	59,000	136,300*								165
170	63.0	464.9	74,100	124,600*	66.2	470.1	54,800	136,200*								170
175	61.9	462.1	69,500	120,300*	65.2	467.8	50,700	134,600*								175
180	60.9	459.3	65,200	116,100*	64.1	465.3	47,000	130,400*								180
185	59.8	456.4	61,100	111,800*	63.1	462.7	43,400	126,200*								185
190	58.7	453.3	57,200	107,600*	62.0	460.0	40,000	121,900*								190
195	57.6	450.1	53,500	103,500*	61.0	457.2	36,800	117,600*								195
200	56.5	446.7	50,000	99,400*	59.9	454.3	33,800	113,500*								200
205	55.4	443.2	46,700	95,400*	58.8	451.2	30,900	109,300*	62.1	456.5	15,300	121,200*				205
210	54.2	439.6	43,600	91,400*	57.7	448.0	28,100	105,200*	61.0	453.6	13,000	117,300*				210
215	53.1	435.7	40,600	87,500*	56.6	444.7	25,500	101,100*	60.0	450.7	10,700	113,300*				215
220	51.9	431.8	37,700	83,700*	55.5	441.2	23,000	97,000*	58.9	447.6	8,600	109,200*				220
225	50.7	427.6	35,000	80,000*	54.3	437.6	20,700	93,000*	57.8	444.5	6,600	105,200*				225
230	49.4	423.3	32,300	76,300*	53.2	433.8	18,400	89,000*	56.7	441.1	4,600	101,400*				230
235	48.2	418.8	29,800	72,800*	52.0	429.8	16,200	85,200*	55.6	437.7	2,800	97,400*				235
240	46.9	414.1	27,400	69,300*	50.8	425.7	14,100	81,400*	54.4	434.0	1,000	93,500*	57.8	439.3	87,500*	240
245	45.6	409.2	25,100	66,000*	49.6	421.4	12,100	77,700*	53.3	430.3		89,600*	56.7	436.0	84,000*	245
250	44.3	404.0	22,900	62,700*	48.3	416.9	10,200	74,100*	52.1	426.3		85,800*	55.5	432.5	80,700*	250
255	42.9	398.6	20,800	59,500*	47.1	412.2	8,300	70,600*	50.9	422.2		82,000*	54.4	428.9	77,500*	255
260	41.5	392.9	18,700	56,200*	45.8	407.3	6,600	67,200*	49.7	417.9		78,400*	53.2	425.1	74,400*	260
270	38.6	380.6	14,900	50,200*	43.1	396.8	3,200	60,500*	47.2	408.8		71,300*	50.9	417.1	68,600*	270
280	35.5	367.0	11,200	44,500*	40.3	385.2		54,300*	44.5	398.8		64,400*	48.4	408.3	63,200*	280
290	32.1	351.5	7,800	39,200*	37.3	372.4		48,300*	41.8	387.8		58,000*	45.8	398.7	58,100*	290
300	28.3	333.7	4,600	34,100*	34.0	358.0		42,700*	38.9	375.6		51,900*	43.2	388.2	53,400*	300
310	24.0	312.5	1,500	29,300*	30.5	341.6		37,500*	35.8	362.1		46,100*	40.3	376.7	49,000*	310
320	18.7	285.7		24,900*	26.5	322.4		32,500*	32.4	346.8		40,700*	37.3	363.9	44,800*	320
330	11.0	245.5		20,900*	21.8	299.1		27,800*	28.7	329.2		35,500*	34.1	349.5	40,800*	330
340					15.8	268.2		23,500*	24.4	308.4		30,700*	30.6	333.1	37,100*	340
350					3.9	204.6		19,900*	19.2	282.2		26,100*	26.6	314.0	33,300*	350
360									11.9	244.0		22,100*	21.9	290.9	28,600*	360
370													15.9	260.2	24,300*	370
380													4.6	199.6	20,700*	380

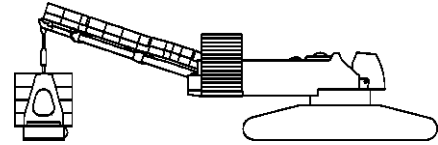


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



200 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60	71.3	294.5	422,800	632,000*c													60
65	67.8	292.4	381,800	609,200*b													65
70	64.2	289.8	347,200	574,300*b													70
75	60.5	286.8	317,800	534,800*b													75
80	56.7	283.4	292,300	500,000*													80
85	52.6	279.4	270,100	469,100*	65.9	288.4	234,600	446,400*b									85
90	48.3	274.8	250,400	441,600*	62.3	285.6	217,400	420,200*b									90
95	43.6	269.5	232,900	416,800*	58.5	282.4	202,100	396,700*									95
100	38.5	263.1	217,100	394,300*	54.5	278.7	188,400	375,400*									100
105	32.6	255.2	202,800	373,800*	50.3	274.4	176,000	355,400*									105
110	25.3	244.9	189,500	342,700*	45.8	269.4	164,700	337,100*	60.0	279.6	138,800	319,200*b					110
115	14.1	228.1	176,600	272,200*	40.9	263.5	154,400	320,400*	56.1	276.1	130,000	303,500*					115
120					35.4	256.4	144,900	304,900*	52.1	272.1	121,900	289,000*					120
125					28.9	247.4	135,900	290,600*	47.7	267.4	114,400	275,600*					125
130					20.2	234.7	127,300	277,200*	43.0	261.9	107,500	263,300*	57.4	271.7	86,500	248,600*	130
135									37.7	255.3	101,000	251,700*	53.4	267.8	81,100	237,800*	135
140									31.7	247.2	94,800	240,900*	49.1	263.3	76,000	227,800*	140
145									24.1	236.4	88,800	230,700*	44.5	258.1	71,200	218,400*	145
150									11.6	217.4	82,400	220,700*	39.4	251.9	66,700	209,500*	150
155													33.7	244.4	62,300	201,200*	155
160													26.7	234.6	58,000	193,200*	160
165													16.8	219.8	53,600	185,500*	165

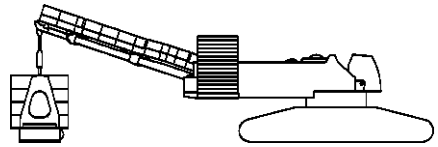
Capacities indicated by **(b)** require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

200 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	72.1	314.0	381,600	540,900*													65
70	69.3	312.0	347,100	523,900*													70
75	66.4	309.7	317,600	504,900*													75
80	63.5	307.1	292,200	484,700*													80
85	60.4	304.1	270,000	463,900*													85
90	57.3	300.8	250,500	440,600*	67.7	308.2	215,700	418,200*									90
95	54.1	297.1	233,200	416,000*	64.8	305.7	200,600	394,900*									95
100	50.7	292.9	217,700	393,800*	61.8	302.9	187,000	373,800*									100
105	47.1	288.1	203,700	373,600*	58.8	299.8	174,800	354,000*									105
110	43.2	282.7	191,000	354,600*	55.6	296.2	163,800	335,900*									110
115	39.1	276.4	179,500	337,100*	52.3	292.2	153,700	319,300*									115
120	34.4	269.1	168,800	321,000*	48.8	287.7	144,500	304,200*	60.0	296.9	119,900	287,100*					120
125	29.1	260.1	158,900	306,100*	45.0	282.6	136,000	290,200*	56.9	293.5	112,700	273,900*					125
130	22.5	248.5	149,600	287,800*	41.0	276.8	128,200	277,200*	53.6	289.7	105,900	261,800*					130
135	12.5	229.9	140,300	231,900*	36.6	270.0	120,900	265,200*	50.2	285.5	99,700	250,500*					135
140					31.7	261.9	114,000	254,000*	46.6	280.6	93,900	239,900*	57.9	289.1	73,600	225,700*	140
145					25.8	251.7	107,400	243,400*	42.7	275.1	88,500	230,100*	54.7	285.4	69,100	216,500*	145
150					17.9	237.4	101,000	233,400*	38.5	268.7	83,300	220,900*	51.3	281.3	64,800	207,900*	150
155									33.7	261.2	78,500	212,300*	47.7	276.6	60,800	199,800*	155
160									28.3	252.0	73,800	204,000*	43.9	271.3	57,000	192,200*	160
165									21.5	239.8	69,200	196,200*	39.8	265.2	53,400	185,000*	165
170									10.1	218.6	64,200	188,400*	35.3	258.1	49,900	178,200*	170
175													30.1	249.5	46,500	171,700*	175
180													23.8	238.5	43,200	165,400*	180
185													14.9	222.0	39,700	159,300*	185

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

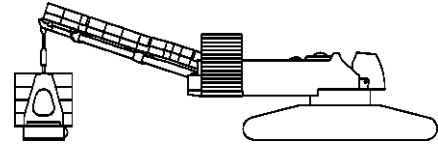


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



200 Ft. Boom, 130 Ft. Luffing Jib

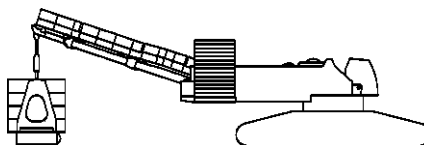
Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	72.6	333.5	344,700	465,200*(b)													70
75	70.3	331.6	315,200	452,500*(b)													75
80	67.9	329.4	289,700	438,200*													80
85	65.4	327.0	267,600	422,900*													85
90	62.9	324.4	248,100	406,900*													90
95	60.4	321.5	230,800	390,600*													95
100	57.7	318.2	215,400	374,300*	66.6	325.5	183,300	370,300*									100
105	55.0	314.6	201,600	358,000*	64.1	323.0	171,200	350,800*									105
110	52.2	310.6	189,000	342,100*	61.6	320.2	160,300	332,800*									110
115	49.3	306.2	177,600	327,000*	59.0	317.1	150,300	316,300*									115
120	46.2	301.3	167,200	312,500*	56.3	313.7	141,300	301,300*									120
125	42.9	295.9	157,600	298,900*	53.5	309.9	132,900	287,400*	62.6	317.2	108,300	270,400*					125
130	39.4	289.7	148,700	286,400*	50.7	305.7	125,300	274,600*	60.0	314.2	101,700	258,300*					130
135	35.6	282.7	140,500	275,000*	47.6	301.0	118,100	262,800*	57.4	311.0	95,700	247,100*					135
140	31.4	274.5	132,800	265,000*	44.5	295.8	111,500	251,700*	54.7	307.3	90,000	236,700*					140
145	26.5	264.6	125,600	255,600*	41.1	290.0	105,300	241,400*	51.8	303.3	84,800	227,000*					145
150	20.5	251.9	118,600	236,500*	37.4	283.4	99,500	231,800*	48.9	298.8	79,800	218,000*					150
155	11.2	231.4	111,500	190,300*	33.4	275.8	94,100	222,800*	45.8	293.8	75,200	209,500*	55.5	302.9	56,300	196,200*	155
160					28.9	266.8	88,900	214,200*	42.5	288.3	70,900	201,500*	52.7	299.0	52,700	188,800*	160
165					23.5	255.6	83,800	206,100*	38.9	282.0	66,700	194,000*	49.8	294.7	49,300	181,700*	165
170					16.3	240.0	78,800	198,300*	35.1	274.9	62,800	186,900*	46.8	289.9	46,000	175,100*	170
175									30.8	266.5	59,000	180,200*	43.5	284.5	42,900	168,800*	175
180									25.8	256.3	55,400	173,700*	40.1	278.5	40,000	162,800*	180
185									19.5	242.9	51,700	167,500*	36.3	271.6	37,200	157,200*	185
190									9.0	219.7	47,700	161,200*	32.2	263.7	34,400	151,700*	190
195													27.5	254.2	31,700	146,500*	195
200													21.7	242.1	29,100	141,500*	200
205													13.4	224.0	26,200	136,500*	205

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

**Meets
ANSI B30.5
Requirements**



**18000 With
21000 MAX-ER**

200 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	71.0	351.1	288,200	390,400*													80
85	68.9	349.1	266,000	382,800*													85
90	66.8	346.8	246,500	371,200*													90
95	64.7	344.4	229,200	359,200*													95
100	62.5	341.7	213,800	346,600*													100
105	60.3	338.8	200,000	333,700*	67.8	345.2	168,700	348,400*									105
110	58.1	335.6	187,500	320,600*	65.7	342.9	157,800	330,500*									110
115	55.7	332.1	176,100	307,800*	63.5	340.3	147,900	314,100*									115
120	53.3	328.3	165,800	295,200*	61.3	337.5	138,900	299,100*									120
125	50.8	324.1	156,300	283,100*	59.1	334.4	130,700	285,300*									125
130	48.3	319.6	147,500	271,400*	56.8	331.1	123,000	272,600*									130
135	45.6	314.6	139,400	260,300*	54.4	327.4	116,000	260,800*	62.2	334.5	92,800	244,700*					135
140	42.7	309.1	131,900	249,800*	52.0	323.4	109,500	249,900*	60.0	331.6	87,200	234,400*					140
145	39.7	303.0	124,900	240,000*	49.5	319.1	103,400	239,700*	57.7	328.3	82,000	224,800*					145
150	36.5	296.2	118,400	231,000*	46.8	314.3	97,800	230,200*	55.4	324.8	77,200	215,800*					150
155	33.0	288.5	112,200	222,800*	44.1	309.0	92,500	221,200*	53.0	320.9	72,700	207,400*					155
160	29.1	279.5	106,400	215,700*	41.1	303.2	87,500	212,900*	50.5	316.7	68,400	199,500*					160
165	24.5	268.7	100,800	210,000*	38.0	296.8	82,800	205,000*	47.9	312.1	64,400	192,100*	56.1	320.4	46,200	179,300*	165
170	18.9	254.9	95,400	194,900*	34.6	289.5	78,300	197,500*	45.2	307.1	60,700	185,100*	53.8	316.6	43,100	172,700*	170
175	10.3	232.9	89,800	158,000*	30.9	281.2	74,000	190,500*	42.3	301.5	57,100	178,500*	51.3	312.5	40,100	166,500*	175
180					26.7	271.3	70,000	183,700*	39.3	295.3	53,700	172,200*	48.7	308.0	37,300	160,700*	180
185					21.7	259.2	66,000	177,300*	36.0	288.4	50,400	166,300*	46.1	303.1	34,600	155,100*	185
190					15.0	242.3	62,000	171,100*	32.5	280.5	47,300	160,600*	43.2	297.7	32,100	149,800*	190
195									28.5	271.4	44,300	155,200*	40.3	291.7	29,600	144,800*	195
200									23.8	260.3	41,300	150,000*	37.1	285.1	27,300	140,000*	200
205									18.0	245.9	38,400	145,000*	33.6	277.5	25,000	135,400*	205
210									8.2	220.8	35,100	139,800*	29.8	268.8	22,800	131,000*	210
215													25.4	258.5	20,600	126,700*	215
220													20.1	245.4	18,400	122,600*	220
225													12.4	225.8	16,000	118,400*	225

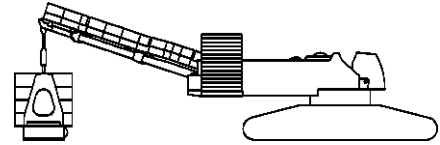


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



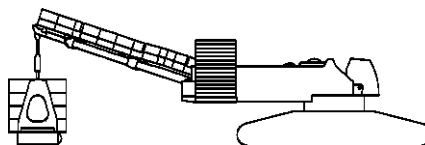
200 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	71.5	370.5	263,000	343,000*													85
90	69.7	368.6	243,500	334,900*													90
95	67.9	366.5	226,200	326,000*													95
100	66.0	364.2	210,800	316,800*													100
105	64.2	361.7	196,900	307,000*													105
110	62.2	359.0	184,400	297,000*													110
115	60.3	356.1	173,100	286,800*	66.9	362.7	143,900	310,700*									115
120	58.3	352.9	162,800	276,500*	65.0	360.3	134,900	295,700*									120
125	56.3	349.5	153,300	266,300*	63.1	357.7	126,700	282,000*									125
130	54.2	345.8	144,600	256,300*	61.2	354.8	119,200	269,300*									130
135	52.0	341.8	136,600	246,600*	59.2	351.8	112,200	257,600*									135
140	49.8	337.5	129,100	237,100*	57.2	348.5	105,700	246,700*									140
145	47.5	332.9	122,200	227,800*	55.1	344.9	99,700	236,600*	62.0	351.9	77,500	221,100*					145
150	45.1	327.8	115,800	219,200*	53.0	341.1	94,200	227,200*	60.0	348.9	72,700	212,200*					150
155	42.6	322.3	109,700	211,000*	50.8	336.9	88,900	218,300*	58.0	345.7	68,300	203,900*					155
160	39.9	316.3	104,100	203,300*	48.5	332.4	84,000	210,000*	56.0	342.2	64,200	196,100*					160
165	37.1	309.6	98,700	196,100*	46.2	327.5	79,400	202,200*	53.9	338.5	60,200	188,700*					165
170	34.1	302.2	93,700	189,500*	43.7	322.3	75,100	194,800*	51.7	334.5	56,600	181,800*					170
175	30.8	293.8	88,900	183,600*	41.2	316.5	71,000	187,900*	49.5	330.1	53,100	175,300*	56.6	337.8	35,400	162,800*	175
180	27.2	284.2	84,300	178,500*	38.4	310.1	67,100	181,300*	47.2	325.4	49,800	169,100*	54.5	334.1	32,700	157,000*	180
185	22.9	272.6	79,900	174,400*	35.5	303.1	63,400	175,100*	44.7	320.3	46,700	163,200*	52.4	330.2	30,100	151,500*	185
190	17.7	257.8	75,500	161,400*	32.4	295.2	59,800	169,100*	42.2	314.7	43,700	157,700*	50.2	326.0	27,600	146,300*	190
195	9.5	234.2	71,000	131,200*	28.9	286.2	56,400	163,500*	39.6	308.6	40,800	152,400*	47.9	321.4	25,300	141,400*	195
200					25.0	275.6	53,100	158,000*	36.7	301.9	38,100	147,400*	45.5	316.4	23,000	136,700*	200
205					20.3	262.5	49,900	152,800*	33.7	294.3	35,500	142,600*	43.0	310.9	20,900	132,200*	205
210					13.9	244.5	46,600	147,700*	30.3	285.8	33,000	137,900*	40.4	305.0	18,800	127,900*	210
215									26.6	275.9	30,500	133,500*	37.6	298.5	16,900	123,800*	215
220									22.3	264.0	28,100	129,200*	34.7	291.2	14,900	119,800*	220
225									16.8	248.6	25,600	125,000*	31.4	283.0	13,100	116,100*	225
230									7.6	221.8	22,800	120,700*	27.9	273.6	11,200	112,400*	230
235													23.7	262.5	9,400	108,800*	235
240													18.7	248.4	7,600	105,400*	240
245													11.5	227.6	5,500	101,900*	245

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

200 Ft. Boom, 190 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	71.9	390.0	241,400	300,300*													90
95	70.3	388.1	224,000	294,200*													95
100	68.7	386.1	208,500	287,500*													100
105	67.1	384.0	194,700	280,500*													105
110	65.4	381.6	182,200	273,000*													110
115	63.7	379.1	170,800	265,200*													115
120	62.0	376.3	160,500	257,200*	67.8	382.3	132,000	293,200*									120
125	60.3	373.4	151,100	249,100*	66.2	380.1	123,800	279,500*									125
130	58.5	370.3	142,400	240,900*	64.5	377.6	116,300	266,900*									130
135	56.7	366.9	134,400	232,800*	62.8	375.0	109,400	255,200*									135
140	54.8	363.3	126,900	224,800*	61.1	372.1	103,000	244,400*									140
145	52.9	359.5	120,100	216,900*	59.3	369.1	97,000	234,300*									145
150	50.9	355.3	113,600	209,200*	57.5	365.9	91,400	224,900*									150
155	48.9	350.9	107,700	201,700*	55.7	362.4	86,300	216,000*	61.8	369.2	65,100	201,300*					155
160	46.9	346.2	102,000	194,500*	53.8	358.6	81,400	207,800*	60.0	366.2	61,000	193,500*					160
165	44.7	341.0	96,800	187,500*	51.9	354.6	76,900	200,000*	58.2	363.0	57,100	186,200*					165
170	42.4	335.5	91,800	181,000*	49.9	350.4	72,600	192,700*	56.4	359.7	53,500	179,300*					170
175	40.1	329.5	87,100	174,800*	47.8	345.8	68,500	185,800*	54.5	356.0	50,100	172,900*					175
180	37.6	323.0	82,700	169,000*	45.7	340.8	64,700	179,300*	52.6	352.1	46,800	166,700*					180
185	35.0	315.8	78,500	163,600*	43.5	335.5	61,100	173,100*	50.7	348.0	43,800	160,900*	57.0	355.2	26,700	148,900*	185
190	32.1	307.8	74,500	158,700*	41.2	329.7	57,600	167,300*	48.6	343.5	40,900	155,400*	55.1	351.6	24,300	143,700*	190
195	29.0	298.9	70,600	154,300*	38.8	323.4	54,400	161,700*	46.6	338.7	38,100	150,200*	53.2	347.8	22,000	138,800*	195
200	25.6	288.5	66,900	150,500*	36.2	316.5	51,200	156,400*	44.4	333.5	35,500	145,200*	51.3	343.7	19,900	134,200*	200
205	21.6	276.2	63,300	147,600*	33.5	309.0	48,200	151,300*	42.1	327.9	32,900	140,500*	49.3	339.4	17,800	129,700*	205
210	16.6	260.5	59,800	135,100*	30.5	300.5	45,300	146,500*	39.8	321.9	30,500	135,900*	47.2	334.7	15,800	125,500*	210
215	8.9	235.5	56,000	109,700*	27.2	290.9	42,500	141,800*	37.3	315.2	28,200	131,600*	45.1	329.6	13,900	121,400*	215
220					23.5	279.6	39,800	137,300*	34.6	308.0	26,000	127,500*	42.9	324.2	12,100	117,600*	220
225					19.1	265.7	37,100	133,000*	31.7	299.9	23,800	123,500*	40.5	318.2	10,300	113,900*	225
230					13.1	246.6	34,400	128,700*	28.6	290.7	21,700	119,700*	38.1	311.8	8,600	110,300*	230
235									25.1	280.2	19,600	115,900*	35.5	304.7	7,000	106,900*	235
240									21.0	267.6	17,600	112,300*	32.7	296.9	5,400	103,600*	240
245									15.8	251.1	15,500	108,800*	29.6	288.2	3,800	100,400*	245
250									7.1	222.7	13,100	105,100*	26.2	278.1	2,200	97,300*	250
255													22.4	266.3	700	94,300*	255
260													17.6	251.3		91,300*	260

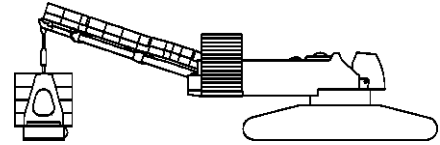


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



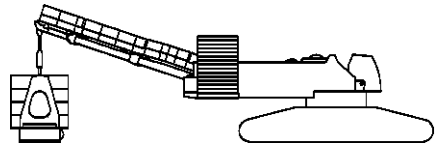
200 Ft. Boom, 210 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95	72.3	409.4	220,700	263,300*													95
100	70.8	407.6	205,200	258,500*													100
105	69.4	405.7	191,400	253,400*													105
110	67.9	403.6	178,800	247,800*													110
115	66.4	401.4	167,500	242,200*													115
120	64.9	399.0	157,200	236,100*													120
125	63.4	396.4	147,700	229,800*													125
130	61.8	393.6	139,000	223,400*	67.1	399.8	112,100	263,400*									130
135	60.2	390.7	131,000	216,900*	65.6	397.4	105,200	251,800*									135
140	58.6	387.6	123,600	210,300*	64.1	395.0	98,900	241,000*									140
145	57.0	384.3	116,800	203,800*	62.5	392.3	92,900	231,000*									145
150	55.3	380.8	110,400	197,300*	61.0	389.5	87,400	221,600*									150
155	53.6	377.0	104,400	190,900*	59.4	386.4	82,300	212,800*									155
160	51.9	373.0	98,800	184,700*	57.7	383.2	77,500	204,600*									160
165	50.1	368.8	93,600	178,500*	56.1	379.8	73,000	196,900*	61.6	386.5	52,600	182,600*					165
170	48.2	364.3	88,700	172,600*	54.4	376.1	68,700	189,600*	60.0	383.5	49,000	175,800*					170
175	46.3	359.5	84,000	166,900*	52.7	372.3	64,700	182,700*	58.4	380.4	45,600	169,300*					175
180	44.4	354.3	79,700	161,400*	50.9	368.1	60,900	176,200*	56.8	377.1	42,500	163,300*					180
185	42.3	348.7	75,500	156,100*	49.1	363.8	57,400	170,100*	55.1	373.5	39,400	157,500*					185
190	40.2	342.8	71,600	151,000*	47.2	359.1	54,000	164,300*	53.4	369.7	36,600	152,000*					190
195	38.0	336.3	67,800	146,300*	45.3	354.1	50,800	158,800*	51.6	365.7	33,900	146,900*	57.3	372.5	17,300	135,100*	195
200	35.7	329.3	64,200	141,900*	43.3	348.7	47,700	153,500*	49.8	361.4	31,300	141,900*	55.6	369.0	15,100	130,500*	200
205	33.2	321.6	60,800	137,800*	41.2	342.9	44,800	148,500*	48.0	356.9	28,800	137,200*	53.9	365.4	13,100	126,100*	205
210	30.5	313.1	57,600	134,100*	39.0	336.7	42,000	143,700*	46.1	352.0	26,500	132,800*	52.2	361.4	11,200	121,900*	210
215	27.5	303.6	54,400	130,800*	36.7	330.0	39,300	139,200*	44.1	346.8	24,200	128,500*	50.4	357.2	9,400	117,900*	215
220	24.2	292.7	51,400	128,000*	34.3	322.6	36,800	134,800*	42.1	341.2	22,100	124,400*	48.6	352.7	7,600	114,100*	220
225	20.4	279.7	48,400	126,000*	31.7	314.5	34,300	130,600*	39.9	335.1	20,000	120,500*	46.7	348.0	5,900	110,400*	225
230	15.7	263.1	45,400	112,300*	28.9	305.5	31,900	126,600*	37.7	328.6	18,000	116,700*	44.7	342.9	4,300	106,900*	230
235	8.4	236.7	42,200	90,700*	25.8	295.3	29,500	122,700*	35.3	321.5	16,100	113,100*	42.7	337.4	2,700	103,600*	235
240					22.3	283.4	27,300	118,900*	32.8	313.7	14,200	109,700*	40.6	331.5	1,200	100,300*	240
245					18.1	268.7	25,000	115,300*	30.1	305.1	12,400	106,300*	38.4	325.1		97,200*	245
250					12.4	248.5	22,600	111,700*	27.1	295.4	10,700	103,100*	36.1	318.2		94,200*	250
255									23.8	284.3	8,900	99,900*	33.6	310.7		91,000*	255
260									19.9	270.9	7,200	96,900*	31.0	302.4		87,800*	260
270									6.7	223.6	3,300	90,700*	24.9	282.4		81,800*	270
280													16.7	254.1		75,900*	280

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

**Meets
ANSI B30.5
Requirements**



**18000 With
21000 MAX-ER**

200 Ft. Boom, 230 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	71.3	427.1	188,900	227,900*													105
110	69.9	425.2	176,300	223,900*													110
115	68.6	423.2	164,900	219,600*													115
120	67.2	421.0	154,600	215,200*													120
125	65.9	418.7	145,100	210,500*													125
130	64.5	416.3	136,400	205,600*													130
135	63.1	413.7	128,400	200,500*	67.9	419.4	102,100	232,000*									135
140	61.7	411.0	121,000	195,300*	66.5	417.2	95,800	232,000*									140
145	60.2	408.0	114,200	190,000*	65.1	414.8	89,900	228,400*									145
150	58.7	405.0	107,800	184,800*	63.7	412.3	84,400	219,100*									150
155	57.3	401.7	101,800	179,500*	62.3	409.6	79,200	210,300*									155
160	55.7	398.2	96,300	174,200*	60.9	406.8	74,500	202,100*									160
165	54.2	394.6	91,000	169,000*	59.4	403.8	70,000	194,400*									165
170	52.6	390.7	86,100	163,900*	57.9	400.6	65,700	187,200*	62.9	406.6	45,600	173,100*					170
175	51.0	386.6	81,500	158,800*	56.4	397.2	61,800	180,300*	61.5	403.8	42,300	166,700*					175
180	49.4	382.2	77,200	153,900*	54.9	393.6	58,000	173,900*	60.0	400.9	39,100	160,600*					180
185	47.7	377.6	73,000	149,200*	53.4	389.9	54,500	167,800*	58.5	397.7	36,200	154,900*					185
190	45.9	372.7	69,100	144,600*	51.8	385.9	51,100	162,000*	57.0	394.4	33,300	149,500*					190
195	44.1	367.5	65,400	140,100*	50.1	381.6	47,900	156,500*	55.5	391.0	30,600	144,300*					195
200	42.3	362.0	61,900	135,800*	48.5	377.1	44,900	151,200*	54.0	387.3	28,100	139,400*					200
205	40.3	356.0	58,500	131,800*	46.7	372.4	42,000	146,300*	52.4	383.4	25,700	134,700*	57.5	389.9	9,600	123,400*	205
210	38.3	349.6	55,300	127,800*	45.0	367.3	39,300	141,500*	50.8	379.2	23,400	130,300*	56.0	386.5	7,700	119,200*	210
215	36.2	342.8	52,300	124,200*	43.1	361.9	36,600	137,000*	49.1	374.8	21,200	126,000*	54.5	382.9	5,900	115,300*	215
220	34.0	335.3	49,300	120,800*	41.2	356.2	34,100	132,700*	47.4	370.2	19,000	122,000*	52.9	379.0	4,200	111,500*	220
225	31.6	327.2	46,500	117,700*	39.3	350.0	31,700	128,500*	45.7	365.2	17,000	118,100*	51.3	375.0	2,600	107,800*	225
230	29.0	318.2	43,800	114,800*	37.2	343.4	29,400	124,600*	43.9	360.0	15,100	114,400*	49.7	370.6	1,000	104,400*	230
235	26.2	308.2	41,100	112,300*	35.0	336.2	27,200	120,800*	42.0	354.4	13,200	110,800*	48.0	366.1		101,000*	235
240	23.1	296.6	38,600	110,200*	32.7	328.4	25,000	117,100*	40.1	348.4	11,400	107,400*	46.2	361.2		97,800*	240
245	19.5	283.0	36,100	105,800*	30.2	319.8	22,900	113,600*	38.0	342.0	9,700	104,100*	44.5	356.1		94,400*	245
250	15.0	265.5	33,500	93,600*	27.5	310.3	20,900	110,200*	35.9	335.0	8,000	101,000*	42.6	350.6		91,100*	250
255	8.0	237.9	30,800	74,900*	24.6	299.5	18,900	106,900*	33.6	327.5	6,400	97,900*	40.7	344.7		87,900*	255
260					21.2	287.0	17,000	103,700*	31.2	319.2	4,800	95,000*	38.7	338.4		84,800*	260
270					11.8	250.4	13,000	95,100*	25.8	299.9	1,700	89,300*	34.4	324.3		78,900*	270
280									18.9	274.1		84,000*	29.5	307.5		73,400*	280
290									6.3	224.5		78,200*	23.7	286.5		68,100*	290
300													15.9	256.7		63,100*	300

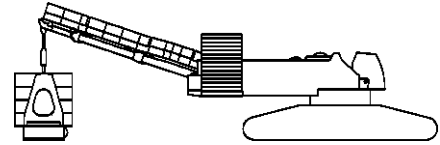


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



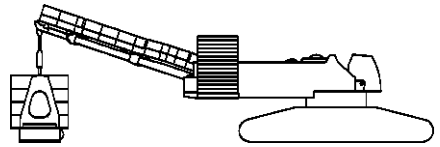
200 Ft. Boom, 250 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115	70.4	444.7	161,500	197,200*													115
120	69.2	442.8	151,100	194,000*													120
125	67.9	440.7	141,600	190,500*													125
130	66.7	438.5	132,900	187,000*													130
135	65.4	436.1	124,900	183,200*													135
140	64.1	433.7	117,500	179,200*													140
145	62.8	431.0	110,700	175,200*	67.2	436.9	85,700	199,200*									145
150	61.5	428.3	104,300	171,100*	66.0	434.6	80,200	199,200*									150
155	60.2	425.4	98,400	166,900*	64.7	432.2	75,100	199,200*									155
160	58.8	422.3	92,800	162,600*	63.4	429.6	70,300	198,800*									160
165	57.5	419.0	87,600	158,400*	62.1	426.9	65,900	191,100*									165
170	56.1	415.6	82,700	154,100*	60.8	424.1	61,700	183,900*									170
175	54.7	412.0	78,100	149,900*	59.5	421.1	57,700	177,100*									175
180	53.2	408.3	73,700	145,700*	58.1	417.9	54,000	170,700*	62.6	423.9	34,600	157,000*					180
185	51.8	404.3	69,600	141,600*	56.7	414.6	50,500	164,600*	61.3	421.1	31,600	151,300*					185
190	50.3	400.1	65,800	137,600*	55.3	411.1	47,200	158,800*	60.0	418.2	28,800	145,900*					190
195	48.8	395.6	62,100	133,600*	53.9	407.4	44,000	153,300*	58.7	415.1	26,200	140,800*					195
200	47.2	390.9	58,600	129,700*	52.5	403.5	41,000	148,200*	57.3	411.8	23,700	136,000*					200
205	45.6	386.0	55,300	126,000*	51.0	399.4	38,200	143,200*	55.9	408.4	21,300	131,300*					205
210	43.9	380.7	52,100	122,400*	49.5	395.1	35,500	138,500*	54.5	404.8	19,000	126,900*					210
215	42.2	375.2	49,100	118,900*	47.9	390.5	32,900	134,000*	53.0	401.0	16,900	122,700*	57.7	407.3	1,200	111,600*	215
220	40.4	369.3	46,200	115,400*	46.3	385.7	30,400	129,700*	51.6	396.9	14,800	118,700*	56.3	403.9		107,800*	220
225	38.6	363.0	43,400	112,200*	44.7	380.6	28,000	125,600*	50.1	392.7	12,800	114,800*	54.9	400.3		104,200*	225
230	36.6	356.2	40,700	109,200*	43.0	375.1	25,700	121,700*	48.5	388.2	10,900	111,100*	53.5	396.6		100,500*	230
235	34.6	348.9	38,200	106,300*	41.2	369.4	23,600	117,900*	47.0	383.5	9,100	107,600*	52.0	392.6		96,800*	235
240	32.5	341.1	35,700	103,800*	39.4	363.3	21,500	114,300*	45.3	378.5	7,300	104,200*	50.6	388.5		93,200*	240
245	30.2	332.5	33,300	101,200*	37.5	356.7	19,400	110,800*	43.7	373.2	5,600	101,000*	49.0	384.1		89,800*	245
250	27.8	323.0	31,000	99,000*	35.6	349.7	17,500	107,400*	42.0	367.6	4,000	97,800*	47.5	379.4		86,500*	250
255	25.1	312.5	28,800	97,100*	33.5	342.1	15,600	104,200*	40.2	361.6	2,500	94,800*	45.9	374.5		83,400*	255
260	22.1	300.4	26,600	95,300*	31.3	333.9	13,800	101,100*	38.3	355.3	900	91,900*	44.2	369.3		80,300*	260
270	14.3	267.9	22,200	77,000*	26.4	314.9	10,300	95,200*	34.3	341.1		86,400*	40.7	358.0		74,600*	270
280					20.3	290.4	6,900	89,600*	29.9	324.5		80,900*	37.0	345.1		69,200*	280
290					11.2	252.2	3,400	78,700*	24.7	304.1		75,300*	32.9	330.1		64,100*	290
300									18.1	277.1		70,000*	28.2	312.4		59,400*	300
310									6.0	225.3		64,500*	22.7	290.3		54,800*	310
320													15.2	259.2		50,400*	320

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

200 Ft. Boom, 270 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
125	69.6	462.3	138,900	171,600*												125
130	68.5	460.3	130,200	168,900*												130
135	67.3	458.1	122,100	166,100*												135
140	66.2	455.9	114,700	163,100*												140
145	65.0	453.5	107,900	160,100*												145
150	63.8	451.0	101,500	156,900*	67.9	456.5	77,000	172,200*								150
155	62.6	448.4	95,500	153,600*	66.7	454.3	71,900	172,200*								155
160	61.4	445.6	90,000	150,300*	65.5	452.0	67,100	172,200*								160
165	60.2	442.7	84,800	146,900*	64.4	449.5	62,700	172,200*								165
170	58.9	439.6	79,900	143,400*	63.2	447.0	58,500	172,200*								170
175	57.7	436.4	75,300	140,000*	62.0	444.2	54,600	169,600*								175
180	56.4	433.0	70,900	136,500*	60.7	441.4	50,900	165,000*								180
185	55.1	429.5	66,800	133,000*	59.5	438.4	47,400	160,300*								185
190	53.8	425.8	63,000	129,600*	58.3	435.3	44,000	155,700*	62.5	441.2	25,400	143,200*				190
195	52.4	421.9	59,300	126,200*	57.0	432.0	40,900	150,900*	61.2	438.4	22,800	138,100*				195
200	51.1	417.8	55,800	122,900*	55.7	428.5	37,900	145,700*	60.0	435.5	20,300	133,300*				200
205	49.7	413.5	52,500	119,600*	54.4	424.9	35,100	140,800*	58.8	432.4	17,900	128,700*				205
210	48.2	409.0	49,400	116,400*	53.1	421.1	32,400	136,100*	57.5	429.2	15,700	124,300*				210
215	46.8	404.2	46,300	113,200*	51.7	417.1	29,800	131,600*	56.2	425.8	13,500	120,100*				215
220	45.3	399.2	43,500	110,200*	50.3	412.9	27,400	127,300*	54.9	422.2	11,500	116,100*				220
225	43.7	394.0	40,700	107,100*	48.9	408.5	25,000	123,200*	53.6	418.5	9,500	112,200*	57.9	424.6	100,700*	225
230	42.1	388.4	38,100	104,100*	47.4	403.8	22,800	119,300*	52.2	414.6	7,600	108,600*	56.6	421.3	96,900*	230
235	40.5	382.5	35,600	100,300*	46.0	399.0	20,600	115,500*	50.9	410.5	5,800	105,100*	55.3	417.8	93,200*	235
240	38.8	376.2	33,200	96,600*	44.4	393.8	18,500	111,600*	49.5	406.1	4,100	101,700*	54.0	414.1	89,700*	240
245	37.0	369.6	30,800	93,000*	42.9	388.4	16,500	107,700*	48.0	401.6	2,400	98,500*	52.7	410.2	86,300*	245
250	35.2	362.5	28,600	89,600*	41.3	382.6	14,600	103,800*	46.6	396.8	800	95,400*	51.3	406.2	83,000*	250
255	33.2	354.8	26,400	86,200*	39.6	376.5	12,800	100,000*	45.1	391.8		92,400*	49.9	401.9	79,900*	255
260	31.2	346.6	24,300	82,900*	37.9	370.1	11,000	96,300*	43.5	386.5		89,500*	48.5	397.5	76,900*	260
270	26.7	327.7	20,300	76,700*	34.1	355.8	7,600	89,200*	40.3	374.9		83,700*	45.5	387.8	71,200*	270
280	21.2	304.0	16,500	70,800*	30.0	339.2	4,400	82,600*	36.8	361.9		77,900*	42.4	377.0	65,900*	280
290	13.7	270.1	12,700	62,700*	25.3	319.3	1,400	76,300*	33.0	347.0		72,400*	39.1	365.0	60,900*	290
300					19.5	293.7		70,500*	28.7	329.5		67,300*	35.5	351.4	56,200*	300
310					10.8	253.9		64,600*	23.7	308.2		62,400*	31.6	335.7	51,800*	310
320									17.4	280.0		57,700*	27.1	317.2	47,600*	320
330									5.7	226.1		52,900*	21.8	294.0	43,600*	330
340													14.5	261.6	39,700*	340

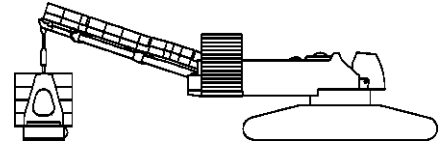


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



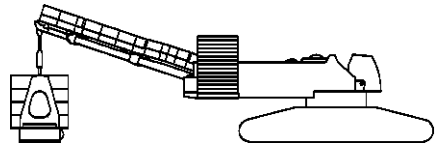
200 Ft. Boom, 290 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
130	70.1	481.8	126,600	151,400*												130
135	69.0	479.8	118,600	149,300*												135
140	67.9	477.8	111,200	147,100*												140
145	66.8	475.6	104,300	144,700*												145
150	65.8	473.3	97,900	142,300*												150
155	64.7	470.9	92,000	139,700*												155
160	63.6	468.4	86,400	137,100*	67.3	474.0	63,000	148,800*								160
165	62.4	465.7	81,200	134,500*	66.3	471.7	58,500	148,800*								165
170	61.3	462.9	76,300	131,800*	65.2	469.4	54,400	148,800*								170
175	60.2	460.0	71,700	129,100*	64.1	466.9	50,400	148,800*								175
180	59.0	457.0	67,400	126,300*	63.0	464.3	46,800	146,700*								180
185	57.8	453.8	63,300	123,500*	61.8	461.6	43,300	142,500*								185
190	56.6	450.4	59,400	120,600*	60.7	458.7	40,000	138,200*								190
195	55.4	446.9	55,800	117,200*	59.5	455.7	36,900	133,900*								195
200	54.2	443.3	52,300	113,000*	58.4	452.6	33,900	129,500*	62.3	458.5	15,800	129,800*				200
205	53.0	439.5	49,000	108,900*	57.2	449.4	31,100	125,100*	61.2	455.7	13,400	125,200*				205
210	51.7	435.5	45,900	104,900*	56.0	445.9	28,400	121,000*	60.0	452.8	11,200	120,800*				210
215	50.4	431.3	42,900	100,900*	54.8	442.4	25,900	116,800*	58.8	449.7	9,100	116,600*				215
220	49.1	426.9	40,000	97,000*	53.6	438.6	23,400	112,600*	57.7	446.5	7,100	112,700*				220
225	47.8	422.4	37,300	93,200*	52.3	434.7	21,100	108,500*	56.5	443.2	5,100	108,900*				225
230	46.4	417.5	34,700	89,500*	51.0	430.6	18,900	104,400*	55.3	439.7	3,300	105,200*				230
235	45.0	412.5	32,200	85,900*	49.7	426.3	16,700	100,300*	54.1	436.0	1,500	101,700*				235
240	43.6	407.2	29,800	82,200*	48.4	421.9	14,700	96,400*	52.8	432.2		98,400*	56.9	438.7	84,900*	240
245	42.1	401.6	27,500	78,800*	47.0	417.1	12,700	92,600*	51.5	428.1		95,200*	55.7	435.2	81,600*	245
250	40.6	395.7	25,300	75,400*	45.7	412.2	10,800	88,900*	50.2	423.9		92,100*	54.4	431.6	78,300*	250
255	39.0	389.5	23,100	72,100*	44.2	407.0	9,000	85,200*	48.9	419.5		88,900*	53.2	427.8	75,200*	255
260	37.4	383.0	21,100	68,900*	42.8	401.6	7,300	81,700*	47.6	414.9		85,700*	51.9	423.8	72,300*	260
270	33.9	368.5	17,200	62,800*	39.7	389.8	4,000	74,800*	44.8	405.0		79,500*	49.4	415.4	66,600*	270
280	30.0	351.9	13,500	56,900*	36.4	376.6	900	68,300*	41.9	394.1		73,800*	46.7	406.0	61,400*	280
290	25.7	332.1	10,000	51,400*	32.9	361.6		62,100*	38.8	381.9		68,400*	43.8	395.8	56,500*	290
300	20.4	307.5	6,700	46,300*	28.9	344.2		56,300*	35.4	368.2		63,400*	40.8	384.5	51,900*	300
310	13.2	272.3	3,300	41,700*	24.4	323.5		50,900*	31.7	352.6		58,600*	37.6	371.8	47,600*	310
320					18.8	296.9		45,800*	27.6	334.3		54,200*	34.2	357.5	43,500*	320
330					10.3	255.6		41,200*	22.8	312.2		49,900*	30.4	341.1	39,700*	330
340									16.7	282.8		45,000*	26.1	321.7	36,000*	340
350									5.5	226.9		40,700*	20.9	297.6	32,500*	350
360													14.0	263.9	28,900*	360

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

200 Ft. Boom, 310 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
140	69.4	499.4	108,300	131,800*												140	
145	68.4	497.4	101,400	130,000*												145	
150	67.4	495.2	95,000	128,200*												150	
155	66.4	493.0	89,000	126,200*												155	
160	65.4	490.7	83,500	124,200*												160	
165	64.4	488.2	78,200	122,200*	67.9	493.6	55,200	128,400*								165	
170	63.3	485.7	73,400	120,000*	66.9	491.4	51,100	128,400*								170	
175	62.3	483.0	68,800	117,900*	65.9	489.1	47,100	128,400*								175	
180	61.2	480.2	64,400	115,500*	64.8	486.7	43,500	128,300*								180	
185	60.2	477.3	60,300	111,500*	63.8	484.2	40,000	126,700*								185	
190	59.1	474.3	56,500	107,500*	62.8	481.6	36,700	122,700*								190	
195	58.0	471.1	52,800	103,500*	61.7	478.9	33,600	118,700*								195	
200	56.9	467.8	49,400	99,600*	60.6	476.0	30,600	114,700*								200	
205	55.7	464.4	46,100	95,700*	59.6	473.1	27,800	110,700*								205	
210	54.6	460.8	42,900	91,800*	58.5	470.0	25,200	106,600*	62.1	475.9	7,700	118,100*				210	
215	53.5	457.0	39,900	88,000*	57.4	466.7	22,600	102,800*	61.1	473.1	5,600	113,900*				215	
220	52.3	453.1	37,100	84,300*	56.3	463.3	20,200	98,900*	60.0	470.1	3,600	109,900*				220	
225	51.1	449.0	34,400	80,600*	55.1	459.8	17,900	95,000*	58.9	467.1	1,700	106,200*				225	
230	49.9	444.8	31,800	77,000*	54.0	456.1	15,700	91,100*	57.8	463.9		102,500*				230	
235	48.6	440.3	29,300	73,500*	52.8	452.3	13,600	87,300*	56.7	460.6		99,100*				235	
240	47.4	435.7	26,900	70,100*	51.6	448.3	11,500	83,500*	55.6	457.1		95,700*				240	
245	46.1	430.8	24,600	66,700*	50.4	444.1	9,600	79,800*	54.5	453.5		92,200*				245	
250	44.8	425.8	22,400	63,500*	49.2	439.8	7,700	76,300*	53.3	449.7		88,800*	57.1	456.0	74,700*	250	
255	43.4	420.4	20,300	60,300*	48.0	435.2	5,900	72,700*	52.1	445.8		85,400*	56.0	452.6	71,600*	255	
260	42.0	414.9	18,200	57,200*	46.7	430.5	4,200	69,300*	50.9	441.7		81,800*	54.8	449.0	68,600*	260	
270	39.1	402.8	14,400	51,100*	44.1	420.3	900	62,700*	48.5	432.9		74,600*	52.5	441.5	63,000*	270	
280	36.1	389.4	10,800	45,400*	41.3	409.1		56,300*	45.9	423.4		67,800*	50.1	433.2	57,800*	280	
290	32.7	374.3	7,400	40,000*	38.3	396.7		50,300*	43.2	412.9		61,200*	47.6	424.2	53,000*	290	
300	29.0	356.9	4,200	34,900*	35.2	382.9		44,600*	40.4	401.4		55,000*	45.0	414.3	48,400*	300	
310	24.8	336.5	1,100	30,100*	31.7	367.2		39,200*	37.4	388.6		49,000*	42.3	403.5	44,200*	310	
320	19.7	310.9		25,600*	27.9	349.1		34,200*	34.2	374.3		43,400*	39.4	391.6	40,200*	320	
330	12.7	274.4		21,500*	23.5	327.5		29,400*	30.7	358.0		38,100*	36.3	378.3	36,400*	330	
340					18.1	300.0		25,000*	26.7	339.0		33,200*	33.0	363.3	32,800*	340	
350					10.0	257.2		21,000*	22.0	316.0		28,500*	29.4	346.2	29,400*	350	
360									16.1	285.5		24,100*	25.2	326.1	26,100*	360	
370									5.3	227.6		20,400*	20.2	301.1	23,000*	370	
380													13.5	266.1	19,800*	380	

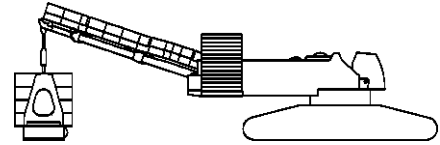


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



220 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60	72.5	315.1	422,100	556,300*c													60
65	69.0	313.1	381,000	539,300*b													65
70	65.5	310.6	346,400	519,900*b													70
75	61.8	307.8	317,000	499,000*b													75
80	58.1	304.6	291,500	477,500*													80
85	54.1	300.8	269,300	456,000*													85
90	49.9	296.5	249,700	435,100*	64.8	307.3	211,500	413,900*b									90
95	45.3	291.4	232,200	413,800*	61.1	304.4	196,600	390,700*b									95
100	40.3	285.4	216,500	391,500*	57.3	301.0	183,200	369,800*									100
105	34.7	278.1	202,200	371,200*	53.3	297.1	171,100	350,300*									105
110	28.0	268.8	189,100	352,100*	49.0	292.7	160,200	332,300*									110
115	18.9	255.4	176,600	291,800*	44.4	287.4	150,100	315,800*	60.2	299.0	121,800	296,200*b					115
120					39.3	281.2	140,800	300,600*	56.3	295.6	114,100	282,100*					120
125					33.5	273.6	132,200	286,600*	52.2	291.5	107,000	269,100*					125
130					26.5	263.8	124,000	273,400*	47.9	286.9	100,500	257,000*					130
135					16.5	248.8	115,900	261,000*	43.1	281.4	94,300	245,800*					135
140									37.9	274.9	88,500	235,300*	54.9	288.1	66,500	219,900*	140
145									31.9	266.8	83,000	225,500*	50.7	283.9	62,200	210,900*	145
150									24.4	256.1	77,600	216,100*	46.2	278.9	58,100	202,400*	150
155									12.3	237.8	71,900	206,900*	41.4	273.1	54,100	194,400*	155
160													35.9	266.1	50,400	186,800*	160
165													29.5	257.4	46,700	179,600*	165
170													21.1	245.1	43,000	172,600*	170

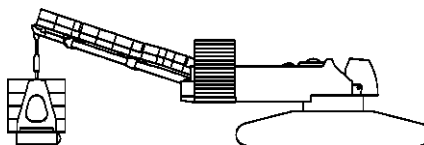
Capacities indicated by **(b)** require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

220 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	70.2	332.7	346,100	466,200*													70
75	67.4	330.5	316,600	451,300*													75
80	64.5	328.0	291,200	435,100*													80
85	61.5	325.1	269,100	418,200*													85
90	58.4	322.0	249,600	401,000*													90
95	55.2	318.4	232,300	383,900*	66.8	327.1	194,800	388,700*									95
100	51.9	314.3	216,800	367,200*	63.9	324.6	181,600	367,900*									100
105	48.3	309.7	202,900	351,100*	60.9	321.7	169,700	348,700*									105
110	44.6	304.6	190,300	335,800*	57.8	318.4	158,900	330,800*									110
115	40.6	298.6	178,700	321,700*	54.6	314.7	149,100	314,500*									115
120	36.1	291.7	168,100	309,100*	51.2	310.6	140,100	299,600*									120
125	31.1	283.4	158,300	298,300*	47.6	305.9	131,800	285,800*	60.1	316.4	104,900	267,100*					125
130	25.0	272.9	149,100	290,200*	43.8	300.6	124,200	273,000*	57.0	313.0	98,500	255,200*					130
135	16.8	257.9	140,100	247,300*	39.7	294.5	117,000	261,200*	53.7	309.2	92,600	244,200*					135
140					35.2	287.3	110,400	250,200*	50.3	304.9	87,100	233,900*					140
145					30.0	278.7	104,100	239,800*	46.7	300.1	82,000	224,400*					145
150					23.7	267.7	98,000	230,100*	42.8	294.6	77,100	215,400*	55.9	305.6	55,700	200,400*	150
155					14.6	250.9	91,900	220,600*	38.6	288.2	72,500	207,000*	52.5	301.6	52,000	192,600*	155
160									33.9	280.8	68,200	199,000*	49.1	297.2	48,500	185,200*	160
165									28.5	271.6	64,000	191,500*	45.4	292.1	45,300	178,300*	165
170									21.7	259.6	59,800	184,200*	41.4	286.4	42,100	171,700*	170
175									10.8	239.2	55,300	177,000*	37.0	279.6	39,100	165,500*	175
180													32.1	271.7	36,200	159,600*	180
185													26.3	261.7	33,300	153,900*	185
190													18.7	248.0	30,300	148,300*	190

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

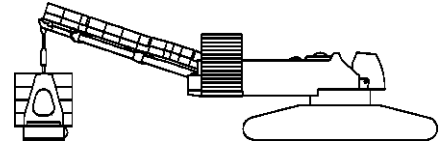


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



220 Ft. Boom, 130 Ft. Luffing Jib

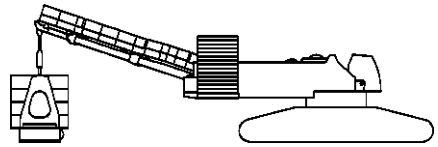
Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	71.1	352.2	314,100	404,400*(b)													75
80	68.7	350.1	288,600	393,100*(b)													80
85	66.3	347.8	266,500	380,700*													85
90	63.8	345.3	247,100	367,600*													90
95	61.3	342.4	229,800	354,300*													95
100	58.7	339.3	214,400	340,600*													100
105	56.0	335.8	200,600	327,000*	65.8	344.5	165,800	345,300*									105
110	53.2	332.0	188,100	313,400*	63.3	341.9	155,100	327,500*									110
115	50.3	327.7	176,700	300,500*	60.8	339.0	145,400	311,300*									115
120	47.3	323.0	166,300	287,900*	58.2	335.8	136,600	296,500*									120
125	44.1	317.8	156,800	276,400*	55.5	332.2	128,400	282,800*									125
130	40.7	311.9	148,000	265,200*	52.7	328.3	121,000	270,200*	62.7	336.7	94,000	251,600*					130
135	37.0	305.2	139,800	255,200*	49.7	324.0	114,000	258,600*	60.1	333.7	88,200	240,600*					135
140	33.0	297.4	132,100	246,400*	46.7	319.2	107,600	247,700*	57.5	330.4	82,900	230,500*					140
145	28.3	288.2	124,900	239,000*	43.5	313.8	101,600	237,600*	54.7	326.8	77,900	221,100*					145
150	22.8	276.7	118,100	233,600*	40.0	307.8	95,900	228,100*	51.9	322.7	73,200	212,200*					150
155	15.2	260.2	111,300	209,300*	36.3	300.9	90,600	219,200*	49.0	318.3	68,900	204,000*					155
160					32.1	292.9	85,600	210,800*	45.9	313.4	64,700	196,200*	56.5	323.0	43,800	181,500*	160
165					27.4	283.4	80,800	202,900*	42.6	307.8	60,900	188,900*	53.8	319.3	40,700	174,700*	165
170					21.6	271.2	76,100	195,300*	39.1	301.6	57,200	181,900*	50.9	315.1	37,800	168,300*	170
175					13.2	252.8	71,300	187,900*	35.2	294.4	53,600	175,400*	47.9	310.5	35,000	162,200*	175
180									31.0	286.1	50,200	169,200*	44.7	305.4	32,300	156,500*	180
185									26.0	276.0	46,900	163,200*	41.4	299.6	29,800	151,000*	185
190									19.8	262.8	43,600	157,400*	37.8	293.1	27,300	145,800*	190
195									9.7	240.5	40,000	151,600*	33.8	285.5	24,900	140,900*	195
200													29.3	276.7	22,600	136,100*	200
205													24.0	265.7	20,300	131,500*	205
210													17.0	250.7	17,800	127,000*	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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

220 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	71.7	371.6	287,000	353,500*													80
85	69.6	369.7	264,800	344,600*													85
90	67.6	367.6	245,400	335,000*													90
95	65.4	365.2	228,100	325,000*													95
100	63.3	362.6	212,700	314,400*													100
105	61.1	359.7	198,900	303,500*													105
110	58.9	356.6	186,500	292,500*	67.2	364.3	152,500	325,100*									110
115	56.5	353.2	175,100	281,600*	65.0	361.8	142,900	309,000*									115
120	54.2	349.5	164,800	270,800*	62.9	359.2	134,100	294,200*									120
125	51.7	345.5	155,400	260,300*	60.7	356.3	126,000	280,700*									125
130	49.2	341.1	146,600	250,200*	58.4	353.1	118,600	268,100*									130
135	46.5	336.3	138,600	240,500*	56.1	349.7	111,700	256,500*									135
140	43.7	331.0	131,100	231,300*	53.7	345.9	105,400	245,700*	62.3	354.0	79,800	228,000*					140
145	40.8	325.1	124,100	222,700*	51.2	341.8	99,500	235,700*	60.1	351.0	74,900	218,600*					145
150	37.6	318.6	117,600	214,500*	48.7	337.4	94,000	226,300*	57.8	347.8	70,400	209,900*					150
155	34.2	311.2	111,500	207,400*	46.0	332.4	88,800	217,500*	55.5	344.2	66,100	201,700*					155
160	30.5	302.7	105,700	201,000*	43.2	327.0	84,000	209,300*	53.1	340.4	62,100	194,000*					160
165	26.2	292.7	100,200	195,800*	40.2	321.0	79,400	201,500*	50.6	336.2	58,300	186,800*					165
170	21.1	280.2	94,900	192,200*	37.0	314.4	75,000	194,200*	48.0	331.6	54,800	179,900*	57.0	340.4	34,600	165,800*	170
175	14.0	262.4	89,600	178,800*	33.5	306.8	70,900	187,300*	45.3	326.6	51,400	173,500*	54.6	336.8	31,900	159,800*	175
180					29.7	298.0	67,000	180,700*	42.4	321.0	48,200	167,400*	52.2	332.8	29,300	154,100*	180
185					25.3	287.6	63,200	174,400*	39.4	314.9	45,100	161,600*	49.7	328.5	26,900	148,800*	185
190					19.9	274.5	59,400	168,300*	36.1	308.0	42,200	156,100*	47.1	323.8	24,600	143,700*	190
195					12.1	254.6	55,500	162,400*	32.6	300.1	39,400	150,900*	44.3	318.6	22,400	138,800*	195
200									28.6	291.0	36,600	145,800*	41.4	312.8	20,300	134,200*	200
205									24.0	280.1	34,000	141,000*	38.3	306.4	18,200	129,800*	205
210									18.2	265.8	31,300	136,300*	34.9	299.2	16,200	125,600*	210
215									8.8	241.6	28,200	131,500*	31.3	291.0	14,300	121,500*	215
220													27.1	281.3	12,400	117,600*	220
225													22.2	269.4	10,400	113,800*	225
230													15.7	253.2	8,400	110,000*	230

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

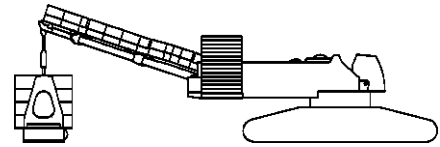


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



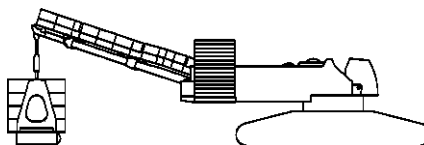
220 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	72.1	391.1	261,700	309,100*													85
90	70.3	389.2	242,200	302,400*													90
95	68.5	387.2	225,000	295,000*													95
100	66.7	385.0	209,600	287,300*													100
105	64.8	382.5	195,800	279,000*													105
110	62.9	379.9	183,300	270,500*													110
115	61.0	377.1	172,000	261,800*													115
120	59.0	374.0	161,700	253,000*	66.3	381.6	129,900	290,700*									120
125	57.0	370.6	152,300	244,300*	64.4	379.2	121,900	277,200*									125
130	54.9	367.1	143,600	235,600*	62.5	376.5	114,500	264,700*									130
135	52.8	363.2	135,600	227,100*	60.6	373.6	107,700	253,200*									135
140	50.6	359.0	128,200	218,900*	58.6	370.5	101,500	242,500*									140
145	48.3	354.5	121,300	210,900*	56.6	367.1	95,600	232,500*									145
150	45.9	349.5	114,900	203,200*	54.5	363.5	90,200	223,200*	62.0	371.3	65,700	206,200*					150
155	43.5	344.2	108,900	196,000*	52.3	359.5	85,100	214,500*	60.1	368.3	61,500	198,000*					155
160	40.9	338.4	103,300	189,100*	50.1	355.3	80,300	206,300*	58.1	365.1	57,600	190,400*					160
165	38.1	331.9	98,000	182,700*	47.8	350.7	75,900	198,600*	56.0	361.7	53,900	183,200*					165
170	35.2	324.8	92,900	176,600*	45.5	345.7	71,600	191,400*	53.9	358.0	50,400	176,500*					170
175	32.0	316.8	88,200	171,400*	43.0	340.2	67,700	184,500*	51.8	354.0	47,100	170,100*					175
180	28.5	307.6	83,600	166,800*	40.4	334.3	63,900	178,100*	49.5	349.6	44,000	164,100*	57.4	357.8	24,400	150,300*	180
185	24.5	296.8	79,300	163,000*	37.6	327.7	60,300	171,900*	47.2	344.9	41,100	158,400*	55.3	354.3	22,100	145,000*	185
190	19.7	283.4	75,000	160,600*	34.6	320.5	56,800	166,100*	44.8	339.8	38,300	153,000*	53.2	350.5	19,900	140,000*	190
195	13.0	264.4	70,700	148,600*	31.4	312.2	53,600	160,500*	42.3	334.2	35,600	147,800*	51.0	346.3	17,800	135,200*	195
200					27.8	302.8	50,400	155,200*	39.7	328.1	33,000	142,900*	48.7	341.9	15,700	130,700*	200
205					23.6	291.6	47,300	150,100*	36.8	321.4	30,600	138,300*	46.4	337.0	13,800	126,300*	205
210					18.6	277.5	44,200	145,100*	33.8	313.9	28,200	133,800*	44.0	331.8	11,900	122,200*	210
215					11.2	256.3	41,000	140,200*	30.5	305.4	25,900	129,500*	41.4	326.0	10,100	118,300*	215
220									26.8	295.6	23,700	125,300*	38.7	319.7	8,400	114,500*	220
225									22.4	283.8	21,500	121,300*	35.8	312.8	6,700	110,800*	225
230									17.0	268.5	19,200	117,400*	32.7	304.9	5,100	107,300*	230
235									8.2	242.7	16,700	113,400*	29.2	296.0	3,500	104,000*	235
240													25.3	285.6	1,900	100,700*	240
245													20.7	272.9	300	97,500*	245
250													14.6	255.5		94,300*	250

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

**Meets
ANSI B30.5
Requirements**



**18000 With
21000 MAX-ER**

220 Ft. Boom, 190 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95	70.9	408.7	222,700	266,600*													95
100	69.3	406.8	207,300	260,900*													100
105	67.6	404.6	193,500	254,800*													105
110	66.0	402.4	181,000	248,400*													110
115	64.3	399.9	169,700	241,600*													115
120	62.6	397.2	159,400	234,700*													120
125	60.9	394.4	150,000	227,600*	67.3	401.4	118,900	274,600*									125
130	59.1	391.3	141,400	220,500*	65.7	399.0	111,600	262,200*									130
135	57.3	388.0	133,400	213,400*	64.0	396.5	104,800	250,700*									135
140	55.5	384.5	126,000	206,400*	62.3	393.8	98,600	240,000*									140
145	53.6	380.8	119,100	199,500*	60.5	390.9	92,800	230,100*									145
150	51.6	376.7	112,700	192,700*	58.8	387.8	87,400	220,800*									150
155	49.6	372.4	106,800	186,100*	56.9	384.5	82,300	212,100*									155
160	47.6	367.8	101,200	179,800*	55.1	381.0	77,600	204,000*	61.8	388.6	54,300	187,800*					160
165	45.5	362.8	96,000	173,700*	53.2	377.1	73,200	196,400*	60.1	385.6	50,700	180,600*					165
170	43.2	357.4	91,000	167,900*	51.3	373.1	69,000	189,200*	58.3	382.5	47,200	173,900*					170
175	40.9	351.6	86,400	162,300*	49.2	368.7	65,100	182,400*	56.5	379.1	44,000	167,600*					175
180	38.5	345.2	81,900	157,200*	47.2	364.0	61,400	176,000*	54.6	375.5	40,900	161,600*					180
185	35.9	338.3	77,800	152,400*	45.0	358.9	57,800	169,900*	52.7	371.6	38,100	156,000*					185
190	33.2	330.6	73,800	147,800*	42.8	353.5	54,500	164,100*	50.7	367.5	35,300	150,600*	57.7	375.2	16,400	137,300*	190
195	30.2	322.0	70,000	143,900*	40.5	347.5	51,300	158,600*	48.7	363.0	32,700	145,500*	55.8	371.7	14,300	132,600*	195
200	26.8	312.2	66,300	140,500*	38.0	341.1	48,300	153,400*	46.6	358.2	30,200	140,700*	53.9	368.0	12,400	128,100*	200
205	23.1	300.7	62,700	137,800*	35.4	334.0	45,400	148,400*	44.5	353.0	27,800	136,000*	52.0	364.0	10,500	123,800*	205
210	18.5	286.5	59,300	136,100*	32.6	326.2	42,600	143,700*	42.2	347.5	25,600	131,600*	50.0	359.8	8,700	119,700*	210
215	12.2	266.3	55,700	124,700*	29.5	317.4	39,900	139,100*	39.8	341.4	23,400	127,400*	48.0	355.2	7,000	115,800*	215
220					26.2	307.3	37,300	134,700*	37.3	334.8	21,300	123,400*	45.9	350.3	5,300	112,100*	220
225					22.3	295.4	34,700	130,500*	34.7	327.6	19,300	119,500*	43.7	345.0	3,800	108,500*	225
230					17.5	280.4	32,100	126,400*	31.8	319.5	17,300	115,800*	41.4	339.3	2,200	105,100*	230
235					10.5	257.9	29,400	122,200*	28.7	310.4	15,400	112,200*	39.0	333.0	700	101,800*	235
240									25.2	299.9	13,500	108,700*	36.4	326.2		98,600*	240
245									21.1	287.4	11,600	105,400*	33.7	318.7		95,600*	245
250									16.0	271.1	9,700	102,000*	30.8	310.3		92,600*	250
255									7.6	243.8	7,500	98,600*	27.5	300.8		89,500*	255
260													23.9	289.7		86,300*	260
270													13.7	257.6		80,100*	270

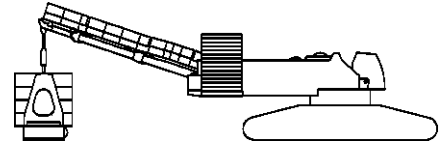


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



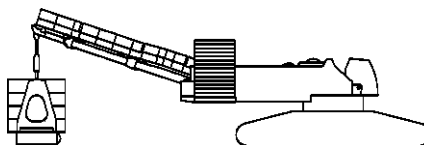
220 Ft. Boom, 210 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	69.9	426.3	190,100	230,500*													105
110	68.4	424.3	177,600	225,600*													110
115	66.9	422.1	166,300	220,700*													115
120	65.4	419.7	156,000	215,400*													120
125	63.9	417.2	146,600	209,900*													125
130	62.4	414.5	137,900	204,200*													130
135	60.8	411.7	130,000	198,500*	66.6	418.8	100,500	245,200*									135
140	59.2	408.6	122,600	192,700*	65.1	416.4	94,300	236,600*									140
145	57.6	405.4	115,800	187,000*	63.6	413.9	88,600	226,700*									145
150	55.9	402.0	109,400	181,200*	62.1	411.1	83,200	217,400*									150
155	54.2	398.3	103,500	175,600*	60.5	408.2	78,200	208,800*									155
160	52.5	394.4	97,900	170,000*	58.9	405.2	73,500	200,700*									160
165	50.7	390.2	92,700	164,600*	57.2	401.9	69,200	193,100*									165
170	48.9	385.8	87,800	159,300*	55.6	398.4	65,000	186,000*	61.6	405.9	42,500	170,200*					170
175	47.0	381.1	83,200	154,200*	53.9	394.7	61,100	179,200*	60.1	403.0	39,400	164,000*					175
180	45.1	376.0	78,800	149,300*	52.1	390.7	57,500	172,800*	58.5	399.8	36,400	158,000*					180
185	43.1	370.6	74,700	144,600*	50.4	386.5	54,000	166,800*	56.8	396.5	33,500	152,400*					185
190	41.0	364.8	70,800	140,200*	48.5	382.1	50,700	161,100*	55.1	393.0	30,900	147,100*					190
195	38.8	358.5	67,100	135,900*	46.6	377.3	47,600	155,600*	53.4	389.2	28,300	142,100*					195
200	36.5	351.7	63,500	132,000*	44.7	372.2	44,600	150,500*	51.7	385.2	25,900	137,300*	57.9	392.6	7,400	124,200*	200
205	34.0	344.3	60,100	128,300*	42.7	366.7	41,800	145,500*	49.9	380.9	23,600	132,700*	56.2	389.1	5,600	120,000*	205
210	31.4	336.1	56,900	125,000*	40.6	360.8	39,100	140,800*	48.0	376.3	21,400	128,300*	54.6	385.5	3,900	116,000*	210
215	28.6	327.0	53,800	122,000*	38.4	354.4	36,500	136,400*	46.1	371.5	19,200	124,200*	52.8	381.7	2,200	112,100*	215
220	25.4	316.6	50,700	119,400*	36.0	347.5	34,000	132,100*	44.2	366.3	17,200	120,200*	51.1	377.6	700	108,400*	220
225	21.8	304.4	47,800	117,400*	33.6	339.9	31,600	127,900*	42.1	360.7	15,300	116,400*	49.3	373.2		104,900*	225
230	17.5	289.4	44,900	116,300*	30.9	331.6	29,300	124,000*	40.0	354.7	13,400	112,700*	47.4	368.5		101,500*	230
235	11.6	268.1	41,900	103,800*	28.0	322.2	27,000	120,200*	37.8	348.2	11,600	109,200*	45.5	363.6		98,300*	235
240					24.8	311.6	24,800	116,500*	35.4	341.1	9,900	105,800*	43.5	358.2		95,000*	240
245					21.1	298.9	22,700	112,900*	32.9	333.4	8,200	102,600*	41.4	352.5		91,700*	245
250					16.5	283.1	20,500	109,400*	30.2	324.8	6,500	99,500*	39.2	346.3		88,400*	250
255					9.9	259.4	18,200	105,900*	27.2	315.1	4,900	96,400*	37.0	339.6		85,300*	255
260									23.9	304.0	3,300	93,500*	34.5	332.4		82,300*	260
270									15.1	273.6	100	87,700*	29.2	315.4		76,500*	270
280													22.6	293.5		71,000*	280
290													13.0	259.7		65,600*	290

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

220 Ft. Boom, 230 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
115	69.1	443.8	163,700	200,400*													115
120	67.7	441.7	153,400	196,500*													120
125	66.3	439.5	144,000	192,300*													125
130	65.0	437.1	135,300	187,900*													130
135	63.6	434.6	127,300	183,400*													135
140	62.1	431.9	120,000	178,800*	67.4	438.5	91,200	213,400*									140
145	60.7	429.0	113,100	174,200*	66.1	436.2	85,400	213,400*									145
150	59.3	426.0	106,800	169,400*	64.7	433.8	80,100	212,900*									150
155	57.8	422.8	100,800	164,700*	63.3	431.2	75,100	206,300*									155
160	56.3	419.4	95,300	160,000*	61.9	428.5	70,400	198,200*									160
165	54.7	415.8	90,100	155,400*	60.4	425.6	66,100	190,600*									165
170	53.2	412.0	85,200	150,800*	59.0	422.5	62,000	183,500*									170
175	51.6	408.0	80,600	146,300*	57.5	419.3	58,100	176,700*	62.9	426.0	35,900	161,200*					175
180	49.9	403.7	76,300	141,900*	56.0	415.8	54,500	170,400*	61.5	423.2	32,900	155,300*					180
185	48.3	399.2	72,200	137,700*	54.4	412.2	51,000	164,400*	60.1	420.3	30,100	149,800*					185
190	46.5	394.4	68,300	133,500*	52.9	408.4	47,800	158,700*	58.6	417.2	27,500	144,500*					190
195	44.8	389.3	64,600	129,500*	51.3	404.3	44,700	153,300*	57.1	413.9	25,000	139,400*					195
200	42.9	383.9	61,100	125,700*	49.6	400.0	41,700	148,100*	55.6	410.4	22,600	134,700*					200
205	41.0	378.1	57,800	122,100*	47.9	395.4	38,900	143,300*	54.0	406.7	20,300	130,100*					205
210	39.0	371.8	54,600	118,600*	46.2	390.6	36,300	138,600*	52.5	402.8	18,100	125,800*					210
215	36.9	365.2	51,600	115,300*	44.4	385.4	33,700	134,100*	50.8	398.7	16,000	121,700*	56.6	406.6	109,400*		215
220	34.8	357.9	48,700	112,300*	42.6	379.9	31,300	129,900*	49.2	394.3	14,100	117,700*	55.0	403.0	105,700*		220
225	32.4	350.0	45,800	109,500*	40.6	374.0	28,900	125,800*	47.5	389.7	12,200	113,900*	53.5	399.2	102,200*		225
230	29.9	341.4	43,100	106,900*	38.6	367.7	26,700	121,900*	45.7	384.7	10,300	110,300*	51.9	395.3	98,700*		230
235	27.2	331.7	40,500	104,500*	36.5	360.9	24,500	118,200*	43.9	379.5	8,600	106,800*	50.3	391.0	95,000*		235
240	24.2	320.8	38,000	102,700*	34.3	353.6	22,500	114,600*	42.1	373.9	6,900	103,500*	48.6	386.6	91,600*		240
245	20.8	308.0	35,500	101,300*	32.0	345.6	20,400	111,100*	40.1	367.9	5,300	100,300*	46.9	381.9	88,300*		245
250	16.7	292.1	33,000	98,100*	29.4	336.7	18,500	107,700*	38.1	361.5	3,700	97,200*	45.1	376.8	85,100*		250
255	11.0	269.8	30,500	86,600*	26.7	326.9	16,600	104,500*	36.0	354.6	2,200	94,300*	43.3	371.5	82,000*		255
260					23.6	315.6	14,700	101,400*	33.7	347.1	700	91,400*	41.4	365.7	79,000*		260
270					15.7	285.7	11,000	95,300*	28.7	329.8		85,900*	37.4	353.0	73,400*		270
280									22.8	307.9		80,800*	32.9	338.2	68,100*		280
290									14.4	276.0		75,200*	27.8	320.2	63,100*		290
300													21.5	297.2	58,400*		300
310													12.3	261.7	53,700*		310

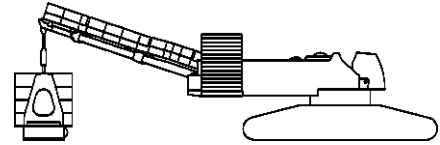


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



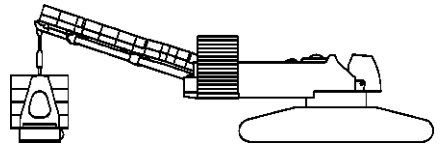
220 Ft. Boom, 250 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
120	69.6	463.4	149,800	177,300*												120
125	68.4	461.3	140,400	174,200*												125
130	67.1	459.2	131,700	171,000*												130
135	65.8	456.9	123,800	167,600*												135
140	64.6	454.5	116,400	164,100*												140
145	63.3	451.9	109,600	160,400*												145
150	62.0	449.2	103,200	156,700*	66.9	455.9	75,800	184,400*								150
155	60.7	446.3	97,300	153,000*	65.6	453.6	70,800	184,400*								155
160	59.3	443.3	91,800	149,200*	64.3	451.1	66,200	184,400*								160
165	58.0	440.1	86,600	145,300*	63.0	448.5	61,900	183,800*								165
170	56.6	436.8	81,700	141,500*	61.7	445.8	57,800	180,100*								170
175	55.2	433.2	77,200	137,700*	60.4	442.9	54,000	173,400*								175
180	53.8	429.5	72,800	133,900*	59.1	439.8	50,400	167,100*								180
185	52.3	425.6	68,800	130,200*	57.7	436.6	47,000	161,100*	62.7	443.3	25,500	146,100*				185
190	50.8	421.5	64,900	126,600*	56.3	433.2	43,700	155,500*	61.4	440.5	22,900	140,800*				190
195	49.3	417.1	61,200	123,000*	54.9	429.7	40,700	150,100*	60.1	437.6	20,400	135,800*				195
200	47.7	412.5	57,800	119,500*	53.5	425.9	37,800	145,000*	58.7	434.5	18,000	131,100*				200
205	46.1	407.7	54,500	116,200*	52.0	422.0	35,000	140,100*	57.3	431.2	15,800	126,600*				205
210	44.5	402.5	51,300	112,900*	50.5	417.8	32,400	135,500*	56.0	427.8	13,600	122,300*				210
215	42.8	397.1	48,300	109,800*	49.0	413.4	29,800	131,100*	54.5	424.2	11,600	118,200*				215
220	41.0	391.3	45,400	106,800*	47.4	408.7	27,400	126,800*	53.1	420.4	9,700	114,300*				220
225	39.2	385.1	42,700	103,900*	45.8	403.8	25,100	122,800*	51.6	416.4	7,800	110,500*	56.9	423.9	97,300*	225
230	37.3	378.5	40,000	101,200*	44.2	398.6	22,900	118,900*	50.1	412.2	6,000	107,000*	55.5	420.5	93,700*	230
235	35.3	371.5	37,500	98,600*	42.5	393.1	20,800	115,200*	48.6	407.7	4,300	103,500*	54.0	416.8	90,200*	235
240	33.3	363.8	35,100	96,200*	40.7	387.3	18,800	111,600*	47.0	403.0	2,700	100,200*	52.6	412.9	86,800*	240
245	31.0	355.5	32,700	93,900*	38.9	381.0	16,800	108,200*	45.4	398.0	1,100	97,100*	51.1	408.8	83,500*	245
250	28.6	346.4	30,400	92,000*	37.0	374.3	14,900	104,900*	43.7	392.7		94,000*	49.6	404.5	80,400*	250
255	26.1	336.2	28,200	90,200*	34.9	367.2	13,100	101,800*	42.0	387.1		91,100*	48.0	400.0	77,300*	255
260	23.2	324.7	26,000	88,800*	32.8	359.4	11,400	98,700*	40.2	381.2		88,300*	46.5	395.1	74,400*	260
270	15.9	294.8	21,800	80,900*	28.2	341.6	8,000	92,900*	36.4	368.0		82,500*	43.1	384.7	68,900*	270
280					22.6	319.5	4,700	87,400*	32.3	352.8		76,900*	39.6	372.9	63,700*	280
290					15.1	288.2	1,500	82,200*	27.5	334.6		71,600*	35.7	359.4	58,900*	290
300									21.8	311.6		66,600*	31.5	343.7	54,400*	300
310									13.8	278.2		61,600*	26.6	324.8	50,000*	310
320													20.6	300.7	45,900*	320
330													11.8	263.6	41,700*	330

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

220 Ft. Boom, 270 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
130	68.9	480.9	128,900	154,700*												130	
135	67.7	478.8	120,900	152,100*												135	
140	66.6	476.6	113,600	149,500*												140	
145	65.4	474.3	106,700	146,700*												145	
150	64.2	471.8	100,400	143,800*												150	
155	63.0	469.2	94,500	140,800*	67.5	475.5	67,600	160,200*								155	
160	61.8	466.5	88,900	137,800*	66.4	473.3	62,900	160,200*								160	
165	60.6	463.6	83,800	134,700*	65.2	471.0	58,600	160,200*								165	
170	59.4	460.6	78,900	131,600*	64.0	468.5	54,600	160,200*								170	
175	58.1	457.5	74,300	128,400*	62.8	465.9	50,700	160,200*								175	
180	56.8	454.2	70,000	125,300*	61.6	463.1	47,100	159,300*								180	
185	55.5	450.7	65,900	122,200*	60.4	460.2	43,700	157,000*								185	
190	54.2	447.0	62,100	119,000*	59.1	457.2	40,500	152,900*								190	
195	52.9	443.2	58,400	116,000*	57.9	454.0	37,500	147,600*	62.5	460.6	16,800	133,100*				195	
200	51.5	439.2	55,000	112,900*	56.6	450.6	34,600	142,500*	61.3	457.9	14,500	128,400*				200	
205	50.1	435.0	51,700	109,900*	55.3	447.1	31,800	137,600*	60.1	454.9	12,300	123,900*				205	
210	48.7	430.5	48,600	107,000*	54.0	443.4	29,200	133,000*	58.8	451.9	10,200	119,600*				210	
215	47.3	425.9	45,600	104,200*	52.6	439.6	26,700	128,600*	57.5	448.6	8,200	115,500*				215	
220	45.8	420.9	42,700	101,400*	51.3	435.5	24,300	124,400*	56.3	445.2	6,300	111,600*				220	
225	44.3	415.8	40,000	98,700*	49.9	431.2	22,100	120,400*	55.0	441.7	4,400	107,900*				225	
230	42.7	410.3	37,400	96,100*	48.5	426.8	19,900	116,500*	53.6	438.0	2,700	104,300*				230	
235	41.1	404.5	34,900	93,700*	47.0	422.1	17,800	112,800*	52.3	434.0	1,000	100,900*	57.1	441.3	86,500*	235	
240	39.4	398.4	32,500	91,300*	45.5	417.1	15,800	109,300*	50.9	429.9		97,600*	55.8	437.9	83,100*	240	
245	37.7	391.9	30,100	89,000*	44.0	411.9	13,900	105,900*	49.5	425.6		94,500*	54.5	434.3	79,900*	245	
250	35.8	384.9	27,900	86,800*	42.4	406.4	12,000	102,600*	48.1	421.1		91,400*	53.2	430.5	76,800*	250	
255	33.9	377.5	25,800	84,900*	40.8	400.5	10,200	99,500*	46.6	416.3		88,200*	51.8	426.5	73,800*	255	
260	31.9	369.5	23,700	82,900*	39.1	394.3	8,500	96,400*	45.1	411.3		85,100*	50.4	422.3	70,900*	260	
270	27.5	351.2	19,700	77,400*	35.5	380.7	5,200	90,700*	42.0	400.4		79,200*	47.6	413.3	65,400*	270	
280	22.3	328.6	15,900	71,500*	31.5	365.0	2,100	84,500*	38.6	388.1		73,700*	44.6	403.3	60,300*	280	
290	15.3	297.3	12,200	66,300*	27.0	346.4		78,200*	35.0	374.2		68,600*	41.4	392.2	55,600*	290	
300					21.7	323.2		72,300*	31.0	358.2		63,700*	38.0	379.7	51,100*	300	
310					14.4	290.5		66,800*	26.4	339.2		59,000*	34.3	365.5	46,900*	310	
320									20.9	315.2		54,500*	30.2	349.0	42,900*	320	
330									13.2	280.4		50,100*	25.5	329.3	39,100*	330	
340													19.8	304.0	35,400*	340	
350													11.3	265.4	31,700*	350	

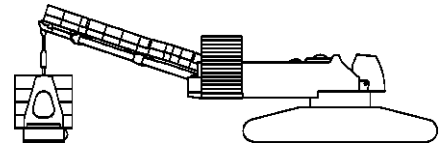


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



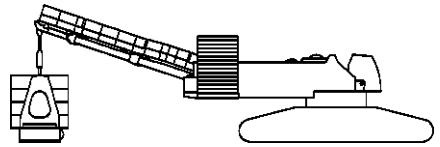
220 Ft. Boom, 290 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet	
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
140	68.3	498.4	109,900	134,800*													140
145	67.2	496.3	103,100	132,700*													145
150	66.1	494.0	96,800	130,400*													150
155	65.0	491.7	90,800	128,100*													155
160	63.9	489.2	85,300	125,700*													160
165	62.8	486.6	80,100	123,400*	67.0	493.0	54,300	139,000*									165
170	61.7	483.8	75,300	120,900*	65.9	490.7	50,300	139,000*									170
175	60.6	481.0	70,700	118,300*	64.8	488.3	46,500	139,000*									175
180	59.4	478.0	66,400	115,800*	63.7	485.8	42,900	139,000*									180
185	58.2	474.8	62,300	113,200*	62.6	483.2	39,600	139,000*									185
190	57.1	471.5	58,500	110,600*	61.5	480.4	36,400	138,300*									190
195	55.9	468.1	54,900	108,000*	60.3	477.5	33,300	134,300*									195
200	54.7	464.5	51,400	105,500*	59.2	474.5	30,500	130,300*									200
205	53.4	460.7	48,100	102,900*	58.0	471.3	27,700	126,200*	62.3	478.0	7,700	120,300*					205
210	52.2	456.8	45,000	100,400*	56.8	468.0	25,200	122,100*	61.2	475.2	5,600	116,000*					210
215	50.9	452.7	42,000	97,900*	55.6	464.5	22,700	118,000*	60.0	472.2	3,600	112,000*					215
220	49.6	448.4	39,200	95,500*	54.4	460.9	20,300	114,100*	58.9	469.2	1,700	108,100*					220
225	48.2	443.9	36,500	93,100*	53.2	457.1	18,100	110,100*	57.7	466.0		104,400*					225
230	46.9	439.2	33,900	90,000*	51.9	453.2	15,900	106,100*	56.5	462.6		100,900*					230
235	45.5	434.2	31,400	86,400*	50.6	449.0	13,900	102,200*	55.3	459.1		97,200*					235
240	44.1	429.0	29,000	82,900*	49.3	444.7	11,900	98,400*	54.1	455.5		93,600*					240
245	42.6	423.5	26,700	79,500*	48.0	440.1	10,000	94,600*	52.9	451.6		90,200*	57.3	458.7	75,000*		245
250	41.1	417.8	24,500	76,200*	46.6	435.4	8,100	90,800*	51.6	447.6		86,900*	56.1	455.3	71,900*		250
255	39.5	411.7	22,400	72,900*	45.2	430.4	6,400	87,200*	50.3	443.4		83,700*	54.9	451.7	69,000*		255
260	37.9	405.2	20,400	69,700*	43.8	425.1	4,700	83,600*	49.0	439.0		80,600*	53.7	448.0	66,100*		260
270	34.5	391.1	16,500	63,500*	40.8	413.7	1,500	76,800*	46.3	429.6		74,800*	51.1	440.0	60,700*		270
280	30.7	374.9	12,900	57,700*	37.6	401.1		70,300*	43.4	419.2		69,400*	48.5	431.3	55,700*		280
290	26.5	355.8	9,400	52,200*	34.2	386.7		64,100*	40.4	407.7		64,300*	45.8	421.7	51,000*		290
300	21.4	332.2	6,100	47,100*	30.4	370.3		58,200*	37.2	394.8		59,500*	42.9	411.1	46,600*		300
310	14.7	299.8	2,900	42,300*	26.0	350.9		52,600*	33.7	380.2		55,100*	39.9	399.4	42,500*		310
320					20.9	326.7		47,400*	29.8	363.5		50,700*	36.6	386.2	38,600*		320
330					13.9	292.8		42,700*	25.4	343.6		46,600*	33.0	371.4	34,900*		330
340									20.1	318.6		42,600*	29.1	354.1	31,400*		340
350									12.7	282.4		38,700*	24.6	333.5	28,100*		350
360													19.0	307.3	24,800*		360
370													10.9	267.1	21,500*		370

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

220 Ft. Boom, 310 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
145	68.8	518.0	100,100	119,300*													145
150	67.8	515.9	93,800	117,600*													150
155	66.8	513.7	87,900	115,800*													155
160	65.8	511.4	82,300	114,000*													160
165	64.7	509.0	77,100	112,100*													165
170	63.7	506.5	72,300	110,100*	67.6	512.6	46,900	120,400*									170
175	62.6	503.9	67,700	108,100*	66.6	510.4	43,200	120,400*									175
180	61.6	501.1	63,400	106,100*	65.6	508.1	39,600	120,400*									180
185	60.5	498.3	59,400	104,100*	64.5	505.7	36,200	120,400*									185
190	59.5	495.3	55,500	101,900*	63.5	503.1	33,000	120,400*									190
195	58.4	492.2	51,900	99,800*	62.4	500.5	30,000	119,000*									195
200	57.3	488.9	48,400	97,700*	61.4	497.7	27,200	115,300*									200
205	56.1	485.5	45,200	95,500*	60.3	494.8	24,500	111,500*									205
210	55.0	482.0	42,000	91,800*	59.2	491.8	21,900	107,700*									210
215	53.9	478.3	39,100	88,300*	58.2	488.7	19,400	103,900*	62.2	495.3	100	109,200*					215
220	52.7	474.4	36,200	84,700*	57.0	485.4	17,100	100,200*	61.1	492.5		105,200*					220
225	51.5	470.4	33,500	81,100*	55.9	482.0	14,800	96,500*	60.0	489.6		101,100*					225
230	50.3	466.2	31,000	77,600*	54.8	478.4	12,700	92,800*	59.0	486.5		97,300*					230
235	49.1	461.8	28,500	74,100*	53.6	474.7	10,600	89,000*	57.9	483.3		93,600*					235
240	47.8	457.3	26,100	70,700*	52.5	470.8	8,700	85,400*	56.8	480.0		90,000*					240
245	46.5	452.5	23,800	67,400*	51.3	466.7	6,800	81,700*	55.6	476.5		86,600*					245
250	45.2	447.5	21,700	64,200*	50.1	462.5	5,000	78,200*	54.5	472.9		83,300*					250
255	43.9	442.2	19,600	61,000*	48.8	458.1	3,200	74,700*	53.3	469.2		80,100*	57.5	476.0	65,200*		255
260	42.5	436.7	17,500	57,900*	47.6	453.5	1,500	71,300*	52.2	465.2		77,100*	56.4	472.7	62,400*		260
270	39.7	424.9	13,700	52,000*	45.0	443.6		64,600*	49.8	456.9		71,300*	54.1	465.5	57,000*		270
280	36.6	411.8	10,100	46,200*	42.3	432.8		58,300*	47.3	447.7		65,900*	51.7	457.7	52,100*		280
290	33.3	397.0	6,800	40,800*	39.4	420.9		52,100*	44.6	437.8		60,900*	49.3	449.2	47,400*		290
300	29.7	380.1	3,600	35,700*	36.3	407.5		46,400*	41.9	426.8		56,200*	46.8	439.9	43,100*		300
310	25.6	360.2	600	30,800*	33.0	392.6		41,000*	39.0	414.7		51,700*	44.2	429.8	39,000*		310
320	20.7	335.8		26,300*	29.3	375.4		35,800*	35.9	401.2		46,200*	41.4	418.6	35,200*		320
330	14.2	302.1		22,200*	25.1	355.2		31,000*	32.5	386.0		40,800*	38.5	406.3	31,600*		330
340					20.2	330.2		26,500*	28.8	368.5		35,700*	35.3	392.6	28,100*		340
350					13.4	295.1		22,300*	24.6	347.8		30,800*	31.9	377.0	24,900*		350
360									19.4	321.9		26,300*	28.1	359.0	21,800*		360
370									12.2	284.5		22,200*	23.7	337.6	18,800*		370
380													18.4	310.4	15,800*		380

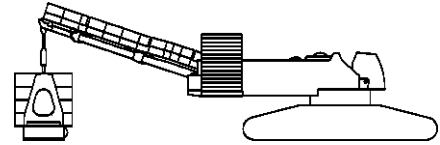


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



240 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	70.2	333.7	379,800	475,800*c													65
70	66.7	331.5	345,300	460,700*b													70
75	63.1	328.8	315,800	444,100*b													75
80	59.4	325.7	290,400	426,600*b													80
85	55.5	322.1	268,200	408,900*													85
90	51.4	318.0	248,700	391,500*	67.3	328.7	205,800	408,100*b									90
95	46.9	313.1	231,300	374,800*	63.7	326.1	191,200	385,200*b									95
100	42.1	307.5	215,600	359,300*	60.0	323.1	178,200	364,600*									100
105	36.8	300.7	201,400	345,300*	56.1	319.6	166,400	345,400*									105
110	30.5	292.3	188,400	333,900*	52.0	315.5	155,700	327,700*									110
115	22.6	280.7	176,200	317,500*	47.6	310.8	145,900	311,400*									115
120	6.5	256.1	163,500	231,500*	42.9	305.3	136,900	296,500*	60.3	318.5	106,700	275,700*b					120
125					37.6	298.7	128,500	282,700*	56.4	315.0	100,000	263,000*					125
130					31.6	290.6	120,700	269,900*	52.4	311.0	93,700	251,200*					130
135					24.0	279.7	113,100	257,800*	48.0	306.4	87,900	240,300*					135
140					11.3	260.5	105,300	246,000*	43.3	300.9	82,500	230,000*					140
145									38.1	294.5	77,300	220,500*	56.4	308.3	53,600	203,900*	145
150									32.1	286.5	72,400	211,500*	52.3	304.3	49,900	195,700*	150
155									24.7	275.9	67,600	202,900*	47.9	299.6	46,300	188,000*	155
160									13.0	258.2	62,400	194,400*	43.2	294.2	43,000	180,700*	160
165													38.0	287.7	39,700	173,800*	165
170													32.0	279.6	36,500	167,200*	170
175													24.5	269.0	33,300	160,900*	175
180													12.6	251.0	29,700	154,500*	180

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

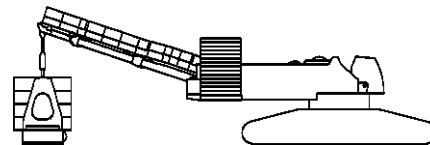
Capacities indicated by **(c)** require
 37,000 Lb. minimum weight suspended
 beneath luffing jib point.

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



240 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	71.2	353.3	344,800	413,500* ^b													70
75	68.4	351.2	315,300	401,600* ^b													75
80	65.5	348.8	290,000	388,600* ^b													80
85	62.6	346.1	267,900	374,700*													85
90	59.5	343.0	248,400	360,700*													90
95	56.3	339.6	231,200	346,300*													95
100	53.1	335.7	215,800	332,100*	66.0	346.1	176,300	362,600* ^b									100
105	49.6	331.3	201,900	318,400*	63.0	343.4	164,600	343,600*									105
110	45.9	326.4	189,300	305,200*	60.0	340.4	154,100	326,000*									110
115	42.0	320.7	177,800	293,100*	56.8	337.0	144,500	310,000*									115
120	37.7	314.2	167,300	281,900*	53.6	333.2	135,800	295,200*									120
125	32.9	306.4	157,500	272,200*	50.1	328.9	127,700	281,700*									125
130	27.3	296.8	148,400	264,600*	46.5	324.1	120,200	269,100*	60.2	335.8	91,400	249,200*					130
135	20.1	283.9	139,700	260,400*	42.6	318.5	113,300	257,500*	57.1	332.4	85,800	238,400*					135
140	5.4	256.3	130,300	197,500*	38.4	312.1	106,800	246,600*	53.8	328.7	80,600	228,400*					140
145					33.7	304.6	100,700	236,400*	50.4	324.4	75,700	219,000*					145
150					28.2	295.4	94,900	226,900*	46.8	319.6	71,200	210,300*					150
155					21.4	283.2	89,300	217,800*	43.0	314.1	66,900	202,100*	57.0	325.7	43,700	185,800*	155
160					9.9	261.7	83,300	208,800*	38.8	307.8	62,800	194,300*	53.8	322.0	40,600	178,700*	160
165									34.1	300.4	58,900	187,000*	50.4	317.7	37,600	172,000*	165
170									28.7	291.3	55,100	180,000*	46.8	312.9	34,800	165,700*	170
175									22.0	279.5	51,300	173,300*	42.9	307.4	32,000	159,700*	175
180									11.4	259.7	47,200	166,600*	38.7	301.0	29,400	154,000*	180
185													34.0	293.6	26,900	148,600*	185
190													28.6	284.5	24,400	143,400*	190
195													21.9	272.5	21,800	138,300*	195
200													11.1	252.4	18,900	133,100*	200

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

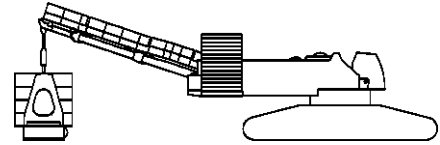


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



240 Ft. Boom, 130 Ft. Luffing Jib

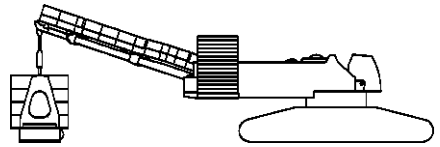
Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	69.5	370.8	287,300	351,200*(b)													80
85	67.1	368.6	265,200	340,900*													85
90	64.7	366.1	245,800	329,900*													90
95	62.2	363.4	228,600	318,700*													95
100	59.6	360.4	213,200	307,100*													100
105	56.9	357.0	199,400	295,500*	67.5	365.9	160,500	340,100*									105
110	54.2	353.3	187,000	284,000*	65.1	363.4	150,100	322,600*									110
115	51.3	349.2	175,700	272,800*	62.5	360.7	140,600	306,600*									115
120	48.4	344.6	165,300	262,100*	60.0	357.7	132,000	292,000*									120
125	45.2	339.6	155,800	251,800*	57.3	354.4	124,100	278,500*									125
130	41.9	333.9	147,000	242,100*	54.6	350.8	116,800	266,100*									130
135	38.3	327.5	138,900	233,400*	51.8	346.7	110,000	254,600*	62.8	356.1	81,100	234,600*					135
140	34.4	320.2	131,300	225,500*	48.8	342.3	103,800	243,900*	60.2	353.1	76,100	224,700*					140
145	30.0	311.6	124,200	218,800*	45.7	337.3	97,900	233,900*	57.6	349.8	71,300	215,500*					145
150	24.9	301.0	117,400	213,500*	42.4	331.7	92,400	224,600*	54.8	346.2	66,900	206,800*					150
155	18.3	286.8	110,800	211,100*	38.9	325.5	87,300	215,800*	52.0	342.2	62,800	198,800*					155
160	4.6	256.4	103,500	168,100*	35.0	318.3	82,400	207,600*	49.1	337.8	58,900	191,200*					160
165					30.7	309.9	77,700	199,800*	46.0	332.9	55,300	184,000*	57.5	343.1	32,700	168,200*	165
170					25.7	299.7	73,300	192,400*	42.7	327.3	51,800	177,300*	54.8	339.5	30,000	162,000*	170
175					19.4	286.3	68,900	185,300*	39.2	321.1	48,500	170,900*	52.0	335.5	27,500	156,100*	175
180					8.8	262.8	64,100	178,200*	35.4	314.0	45,300	164,900*	49.0	331.0	25,100	150,600*	180
185									31.1	305.7	42,200	159,100*	45.9	326.1	22,800	145,300*	185
190									26.2	295.7	39,200	153,500*	42.7	320.6	20,500	140,300*	190
195									20.0	282.7	36,200	148,200*	39.1	314.4	18,400	135,500*	195
200									10.2	261.1	32,900	142,700*	35.3	307.2	16,300	131,000*	200
205													31.0	298.9	14,300	126,600*	205
210													26.1	288.9	12,300	122,300*	210
215													19.9	275.8	10,200	118,200*	215
220													9.9	253.8	7,800	113,900*	220

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

240 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	68.3	388.3	244,000	300,900*													90
95	66.2	386.0	226,800	292,200*													95
100	64.1	383.5	211,400	283,300*													100
105	61.9	380.7	197,700	274,000*													105
110	59.6	377.7	185,300	264,600*													110
115	57.4	374.4	174,000	255,100*	66.5	383.2	137,900	304,200*									115
120	55.0	370.8	163,700	245,800*	64.4	380.8	129,300	289,600*									120
125	52.6	366.9	154,300	236,700*	62.2	378.0	121,500	276,300*									125
130	50.1	362.6	145,600	227,800*	60.0	375.1	114,300	263,900*									130
135	47.5	358.0	137,600	219,300*	57.7	371.8	107,600	252,500*									135
140	44.7	352.8	130,200	211,300*	55.4	368.3	101,400	241,800*									140
145	41.8	347.1	123,200	203,700*	53.0	364.4	95,600	231,900*	62.4	373.4	68,200	212,900*					145
150	38.8	340.9	116,700	196,600*	50.5	360.2	90,300	222,700*	60.2	370.4	63,900	204,400*					150
155	35.5	333.8	110,700	190,200*	47.9	355.6	85,200	214,000*	57.9	367.2	59,900	196,400*					155
160	31.8	325.7	104,900	184,500*	45.2	350.5	80,500	205,900*	55.6	363.7	56,100	188,900*					160
165	27.8	316.3	99,500	179,700*	42.3	345.0	76,100	198,300*	53.2	359.9	52,500	181,800*					165
170	23.0	304.8	94,200	176,100*	39.3	338.8	71,900	191,100*	50.7	355.7	49,100	175,100*					170
175	16.8	289.5	89,100	174,700*	36.0	331.8	67,900	184,200*	48.1	351.1	45,900	168,800*	57.9	360.5	24,200	153,500*	175
180	4.1	256.5	83,200	144,500*	32.4	323.9	64,100	177,800*	45.4	346.1	42,900	162,900*	55.5	357.0	21,800	148,100*	180
185					28.4	314.8	60,400	171,600*	42.5	340.5	40,000	157,300*	53.1	353.1	19,600	142,900*	185
190					23.8	303.7	56,800	165,700*	39.5	334.4	37,300	151,900*	50.6	349.0	17,500	138,000*	190
195					17.9	289.2	53,300	160,000*	36.3	327.5	34,600	146,800*	48.0	344.4	15,500	133,300*	195
200					8.0	263.8	49,400	154,200*	32.7	319.7	32,100	141,900*	45.3	339.3	13,600	128,800*	200
205									28.8	310.7	29,600	137,200*	42.5	333.8	11,800	124,600*	205
210									24.2	299.8	27,200	132,700*	39.5	327.6	10,000	120,500*	210
215									18.5	285.7	24,700	128,300*	36.2	320.8	8,300	116,600*	215
220									9.4	262.3	21,900	123,800*	32.7	313.0	6,600	112,800*	220
225													28.7	303.9	4,900	109,200*	225
230													24.1	292.9	3,200	105,700*	230
235													18.4	278.7	1,500	102,200*	235
240													9.1	255.0		98,600*	240

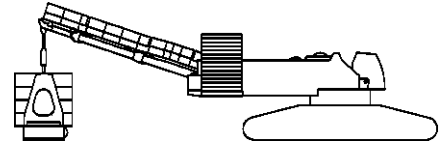


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



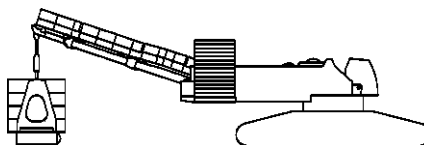
240 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95	69.2	407.9	223,500	265,600*													95
100	67.3	405.7	208,200	258,800*													100
105	65.5	403.3	194,400	251,800*													105
110	63.6	400.8	182,000	244,400*													110
115	61.6	398.0	170,800	236,900*													115
120	59.7	395.0	160,500	229,200*	67.6	402.9	125,000	286,000*									120
125	57.7	391.8	151,100	221,600*	65.8	400.6	117,200	272,700*									125
130	55.6	388.3	142,500	214,000*	63.9	398.1	110,000	260,400*									130
135	53.5	384.5	134,500	206,500*	61.9	395.4	103,400	249,000*									135
140	51.3	380.4	127,200	199,300*	60.0	392.4	97,300	238,500*									140
145	49.1	376.0	120,300	192,200*	58.0	389.2	91,600	228,600*									145
150	46.8	371.2	113,900	185,500*	55.9	385.7	86,300	219,500*									150
155	44.3	366.0	108,000	179,100*	53.8	382.0	81,400	210,900*	62.1	390.7	55,000	192,500*					155
160	41.8	360.4	102,400	173,000*	51.7	378.0	76,700	202,800*	60.2	387.7	51,300	185,100*					160
165	39.1	354.2	97,100	167,300*	49.4	373.6	72,400	195,200*	58.2	384.6	47,900	178,100*					165
170	36.2	347.3	92,100	162,000*	47.1	368.9	68,300	188,100*	56.1	381.1	44,600	171,500*					170
175	33.2	339.6	87,400	157,300*	44.7	363.8	64,400	181,400*	54.0	377.4	41,500	165,300*					175
180	29.8	330.9	82,900	153,100*	42.2	358.2	60,700	175,000*	51.9	373.4	38,500	159,400*					180
185	26.0	320.7	78,600	149,600*	39.5	352.0	57,200	169,000*	49.6	369.1	35,800	153,900*					185
190	21.5	308.4	74,400	147,100*	36.7	345.3	53,900	163,200*	47.3	364.4	33,100	148,600*	56.1	374.4	12,600	134,100*	190
195	15.7	292.0	70,200	146,400*	33.6	337.7	50,700	157,700*	44.9	359.3	30,600	143,600*	54.0	370.7	10,600	129,500*	195
200	3.6	256.6	65,400	120,400*	30.3	329.2	47,700	152,500*	42.4	353.8	28,200	138,800*	51.8	366.7	8,800	125,100*	200
205					26.6	319.3	44,700	147,500*	39.7	347.7	25,900	134,200*	49.6	362.4	7,100	120,900*	205
210					22.2	307.4	41,800	142,700*	36.9	341.0	23,700	129,900*	47.3	357.7	5,400	116,900*	210
215					16.7	291.9	38,900	138,000*	33.9	333.5	21,500	125,700*	44.9	352.6	3,800	113,100*	215
220					7.4	264.7	35,600	133,200*	30.6	325.1	19,400	121,700*	42.4	347.0	2,300	109,500*	220
225									26.9	315.3	17,400	117,800*	39.7	340.9	800	106,000*	225
230									22.6	303.6	15,400	114,000*	36.9	334.2		102,600*	230
235									17.2	288.5	13,300	110,400*	33.8	326.7		99,400*	235
240									8.7	263.5	11,000	106,600*	30.5	318.3		96,200*	240
245													26.8	308.5		93,200*	245
250													22.5	296.7		90,100*	250
255													17.1	281.5		86,700*	255
260													8.4	256.1		83,200*	260

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

**Meets
ANSI B30.5
Requirements**



**18000 With
21000 MAX-ER**

240 Ft. Boom, 190 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	68.2	425.3	192,100	230,100*													105
110	66.6	423.1	179,700	224,600*													110
115	64.9	420.7	168,400	218,600*													115
120	63.2	418.1	158,200	212,500*													120
125	61.5	415.3	148,800	206,300*													125
130	59.7	412.3	140,200	200,100*	66.8	420.4	107,000	251,600*									130
135	57.9	409.1	132,200	193,800*	65.2	418.0	100,400	246,500*									135
140	56.1	405.7	124,900	187,600*	63.5	415.4	94,300	236,000*									140
145	54.2	402.0	118,100	181,500*	61.7	412.7	88,700	226,200*									145
150	52.3	398.1	111,700	175,500*	60.0	409.7	83,400	217,000*									150
155	50.3	393.9	105,800	169,600*	58.2	406.5	78,500	208,500*									155
160	48.3	389.4	100,200	164,000*	56.4	403.1	73,900	200,500*									160
165	46.2	384.5	95,000	158,600*	54.5	399.5	69,600	192,900*	61.9	408.0	44,500	175,400*					165
170	44.0	379.3	90,100	153,400*	52.6	395.6	65,500	185,800*	60.1	405.1	41,200	168,900*					170
175	41.7	373.6	85,500	148,500*	50.6	391.5	61,700	179,200*	58.4	401.9	38,200	162,700*					175
180	39.4	367.5	81,100	143,900*	48.6	387.0	58,100	172,800*	56.5	398.5	35,300	156,900*					180
185	36.8	360.7	76,900	139,500*	46.5	382.2	54,700	166,800*	54.7	394.9	32,600	151,400*					185
190	34.1	353.3	73,000	135,600*	44.4	377.0	51,400	161,200*	52.8	391.1	30,000	146,100*					190
195	31.2	345.1	69,200	132,000*	42.1	371.4	48,300	155,800*	50.8	386.9	27,600	141,100*					195
200	28.0	335.7	65,600	128,900*	39.7	365.3	45,400	150,600*	48.8	382.5	25,200	136,400*	56.5	391.8	5,300	122,400*	200
205	24.4	324.9	62,100	126,400*	37.2	358.7	42,600	145,700*	46.7	377.7	23,000	131,900*	54.6	388.2	3,600	118,200*	205
210	20.2	311.8	58,600	124,700*	34.6	351.4	39,900	141,000*	44.5	372.5	20,800	127,600*	52.7	384.3	2,000	114,300*	210
215	14.8	294.4	55,200	124,400*	31.7	343.3	37,300	136,600*	42.3	367.0	18,800	123,500*	50.8	380.2	500	110,500*	215
220	3.3	256.8	51,200	100,700*	28.5	334.2	34,700	132,300*	39.9	361.0	16,800	119,600*	48.8	375.7		106,900*	220
225					25.0	323.6	32,300	128,100*	37.4	354.4	14,900	115,800*	46.7	371.0		103,500*	225
230					20.9	310.9	29,900	124,100*	34.8	347.1	13,100	112,200*	44.5	365.8		100,200*	230
235					15.7	294.4	27,400	120,100*	31.9	339.1	11,300	108,700*	42.3	360.2		97,000*	235
240					6.9	265.6	24,600	116,100*	28.8	330.1	9,600	105,300*	39.9	354.2		93,700*	240
245									25.3	319.6	7,800	102,100*	37.4	347.6		90,500*	245
250									21.3	307.2	6,100	98,900*	34.7	340.4		87,400*	250
255									16.2	291.1	4,400	95,800*	31.9	332.3		84,300*	255
260									8.1	264.7	2,300	92,500*	28.8	323.2		81,300*	260
270													21.2	300.3		75,500*	270
280													7.9	257.2		69,500*	280

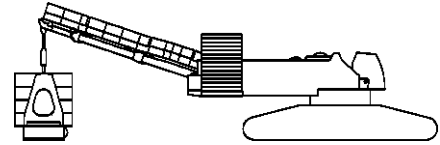


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



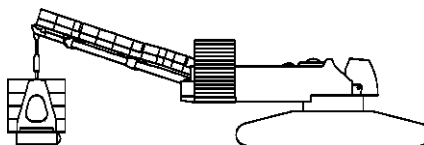
240 Ft. Boom, 210 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
115	67.5	442.8	164,900	199,800*												115
120	66.0	440.5	154,700	195,100*												120
125	64.4	438.0	145,300	190,200*												125
130	62.9	435.4	136,700	185,200*												130
135	61.3	432.6	128,800	180,100*	67.7	440.0	96,000	221,500*								135
140	59.7	429.6	121,400	175,000*	66.2	437.8	89,900	220,200*								140
145	58.1	426.5	114,600	169,800*	64.7	435.3	84,300	216,900*								145
150	56.5	423.1	108,300	164,700*	63.1	432.7	79,100	213,200*								150
155	54.8	419.5	102,400	159,700*	61.6	430.0	74,200	205,000*								155
160	53.1	415.7	96,900	154,700*	60.0	427.0	69,700	197,100*								160
165	51.3	411.6	91,700	149,800*	58.4	423.9	65,400	189,600*								165
170	49.5	407.3	86,800	145,100*	56.7	420.5	61,400	182,500*								170
175	47.7	402.7	82,200	140,600*	55.1	417.0	57,700	175,900*	61.7	425.3	33,400	158,900*				175
180	45.8	397.8	77,900	136,200*	53.4	413.2	54,100	169,600*	60.1	422.4	30,600	153,200*				180
185	43.8	392.5	73,800	132,000*	51.6	409.2	50,700	163,700*	58.5	419.3	27,900	147,700*				185
190	41.7	386.8	69,900	128,000*	49.8	404.9	47,500	158,000*	56.9	415.9	25,400	142,500*				190
195	39.6	380.7	66,200	124,200*	48.0	400.3	44,500	152,700*	55.2	412.4	23,000	137,600*				195
200	37.3	374.1	62,700	120,700*	46.1	395.5	41,600	147,600*	53.5	408.6	20,700	132,900*				200
205	34.9	366.9	59,300	117,400*	44.1	390.2	38,900	142,700*	51.8	404.6	18,500	128,400*				205
210	32.4	359.0	56,100	114,400*	42.0	384.6	36,200	138,100*	50.0	400.4	16,500	124,200*	56.8	409.2	110,400*	210
215	29.6	350.2	53,000	111,700*	39.9	378.6	33,700	133,700*	48.1	395.8	14,500	120,100*	55.2	405.7	106,600*	215
220	26.6	340.3	50,000	109,400*	37.7	372.1	31,300	129,500*	46.2	391.0	12,600	116,200*	53.5	401.9	102,800*	220
225	23.2	328.9	47,100	107,600*	35.3	365.0	29,000	125,400*	44.2	385.8	10,700	112,500*	51.7	397.9	99,100*	225
230	19.1	315.0	44,300	106,300*	32.8	357.2	26,700	121,500*	42.2	380.2	9,000	109,000*	49.9	393.6	95,500*	230
235	14.0	296.6	41,400	106,400*	30.0	348.5	24,600	117,800*	40.1	374.2	7,300	105,500*	48.1	389.1	92,200*	235
240	3.0	256.9	37,900	83,400*	27.1	338.8	22,500	114,200*	37.8	367.7	5,700	102,300*	46.2	384.2	88,900*	240
245					23.7	327.6	20,400	110,700*	35.5	360.7	4,100	99,100*	44.2	379.0	85,800*	245
250					19.8	314.2	18,300	107,300*	33.0	353.0	2,500	96,100*	42.2	373.5	82,700*	250
255					14.9	296.8	16,200	104,000*	30.3	344.4	1,000	93,100*	40.0	367.5	79,800*	255
260					6.5	266.5	13,800	100,500*	27.3	334.8		90,300*	37.8	361.0	76,900*	260
270									20.2	310.6		84,800*	32.9	346.2	71,400*	270
280									7.6	265.7		78,700*	27.3	328.0	66,200*	280
290													20.1	303.7	61,200*	290
300													7.4	258.3	56,000*	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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

240 Ft. Boom, 230 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
125	66.8	460.2	142,600	174,300*												125
130	65.4	457.9	134,000	170,500*												130
135	64.1	455.4	126,100	166,500*												135
140	62.6	452.7	118,700	162,400*												140
145	61.2	449.9	111,900	158,300*	67.0	457.5	81,100	193,200*								145
150	59.8	447.0	105,600	154,100*	65.7	455.1	75,900	193,100*								150
155	58.3	443.8	99,700	149,900*	64.3	452.7	71,000	190,400*								155
160	56.8	440.5	94,200	145,700*	62.9	450.1	66,500	187,500*								160
165	55.3	437.0	89,100	141,500*	61.4	447.3	62,300	184,200*								165
170	53.7	433.2	84,200	137,400*	60.0	444.4	58,300	180,000*								170
175	52.1	429.3	79,600	133,400*	58.5	441.2	54,500	173,400*								175
180	50.5	425.1	75,300	129,400*	57.0	437.9	51,000	167,100*	63.0	445.4	27,000	150,400*				180
185	48.9	420.7	71,300	125,600*	55.5	434.4	47,700	161,200*	61.6	442.6	24,400	144,900*				185
190	47.1	416.0	67,400	121,900*	54.0	430.7	44,500	155,600*	60.1	439.7	21,900	139,800*				190
195	45.4	411.0	63,800	118,300*	52.4	426.8	41,500	150,300*	58.6	436.6	19,500	134,900*				195
200	43.6	405.7	60,300	114,800*	50.8	422.7	38,600	145,200*	57.2	433.3	17,300	130,200*				200
205	41.7	400.0	57,000	111,500*	49.1	418.3	35,900	140,400*	55.6	429.8	15,200	125,800*				205
210	39.7	394.0	53,800	108,400*	47.4	413.6	33,300	135,800*	54.1	426.2	13,100	121,600*				210
215	37.7	387.5	50,800	105,500*	45.7	408.7	30,900	131,400*	52.5	422.3	11,200	117,500*				215
220	35.5	380.4	47,900	102,700*	43.9	403.5	28,500	127,200*	50.9	418.2	9,300	113,700*	57.1	426.6	99,000*	220
225	33.3	372.8	45,100	100,100*	42.0	397.8	26,200	123,200*	49.2	413.8	7,500	110,000*	55.6	423.1	95,300*	225
230	30.8	364.4	42,400	97,800*	40.0	391.8	24,100	119,400*	47.6	409.2	5,800	106,500*	54.1	419.5	91,800*	230
235	28.2	355.1	39,800	95,800*	38.0	385.4	22,000	115,700*	45.8	404.2	4,200	103,100*	52.5	415.5	88,500*	235
240	25.3	344.7	37,300	94,000*	35.9	378.5	19,900	112,200*	44.0	399.0	2,600	99,900*	50.9	411.4	85,300*	240
245	22.1	332.6	34,900	92,700*	33.6	370.9	18,000	108,700*	42.1	393.4	1,100	96,700*	49.2	407.1	82,200*	245
250	18.2	318.0	32,400	91,900*	31.2	362.7	16,100	105,500*	40.2	387.5		93,700*	47.5	402.4	79,200*	250
255	13.3	298.8	30,000	91,800*	28.6	353.5	14,300	102,300*	38.2	381.1		90,800*	45.8	397.5	76,300*	255
260	2.8	257.0	27,000	68,700*	25.8	343.3	12,500	99,200*	36.1	374.2		88,000*	44.0	392.3	73,600*	260
270					18.9	317.4	8,900	93,300*	31.4	358.5		82,200*	40.2	380.7	68,200*	270
280					6.1	267.3	5,000	85,500*	26.0	339.3		76,700*	36.0	367.4	63,100*	280
290									19.2	313.8		71,400*	31.4	351.7	58,400*	290
300									7.2	266.8		65,900*	26.0	332.5	53,900*	300
310													19.1	306.9	49,500*	310
320													7.0	259.2	44,900*	320

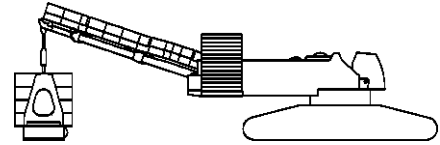


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



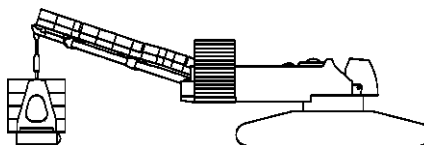
240 Ft. Boom, 250 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
130	67.5	479.9	130,400	155,300*												130	
135	66.3	477.6	122,400	152,200*												135	
140	65.0	475.2	115,100	148,900*												140	
145	63.7	472.7	108,300	145,600*												145	
150	62.4	470.1	102,000	142,300*	67.7	477.1	71,500	168,800*								150	
155	61.1	467.3	96,100	138,900*	66.5	474.9	66,700	168,800*								155	
160	59.8	464.3	90,600	135,400*	65.2	472.5	62,200	168,800*								160	
165	58.4	461.2	85,500	131,900*	63.9	470.0	58,000	167,300*								165	
170	57.1	457.9	80,700	128,500*	62.6	467.4	54,000	164,900*								170	
175	55.7	454.4	76,100	125,000*	61.3	464.6	50,300	162,300*								175	
180	54.3	450.8	71,800	121,600*	60.0	461.7	46,800	159,500*								180	
185	52.8	446.9	67,800	118,200*	58.6	458.6	43,500	156,500*								185	
190	51.3	442.9	63,900	114,900*	57.3	455.3	40,400	152,300*	62.7	462.7	17,100	136,000*				190	
195	49.8	438.6	60,300	111,700*	55.9	451.9	37,400	147,000*	61.4	460.0	14,800	131,200*				195	
200	48.3	434.1	56,900	108,600*	54.5	448.2	34,600	142,000*	60.1	457.0	12,600	126,600*				200	
205	46.7	429.3	53,600	105,500*	53.0	444.4	31,900	137,200*	58.8	453.9	10,500	122,200*				205	
210	45.1	424.3	50,400	102,600*	51.6	440.4	29,300	132,600*	57.4	450.7	8,500	118,000*				210	
215	43.4	418.9	47,500	99,800*	50.1	436.2	26,900	128,300*	56.0	447.3	6,600	114,000*				215	
220	41.7	413.3	44,600	97,000*	48.5	431.7	24,600	124,100*	54.6	443.7	4,800	110,200*				220	
225	39.9	407.2	41,900	94,400*	46.9	427.0	22,300	120,100*	53.1	439.9	3,000	106,500*				225	
230	38.0	400.8	39,200	92,000*	45.3	422.0	20,200	116,300*	51.7	435.9	1,400	103,000*	57.4	444.0	86,700*	230	
235	36.0	393.9	36,700	89,700*	43.7	416.7	18,100	112,700*	50.2	431.6		99,700*	56.0	440.5	83,400*	235	
240	34.0	386.5	34,300	87,500*	41.9	411.1	16,200	109,200*	48.6	427.2		96,500*	54.6	436.9	80,200*	240	
245	31.8	378.4	32,000	85,500*	40.1	405.1	14,300	105,800*	47.1	422.5		93,200*	53.1	433.1	77,200*	245	
250	29.5	369.6	29,700	83,700*	38.3	398.7	12,500	102,600*	45.5	417.5		89,900*	51.7	429.1	74,300*	250	
255	27.0	359.8	27,500	82,200*	36.4	391.9	10,700	99,400*	43.8	412.2		86,800*	50.2	424.9	71,400*	255	
260	24.2	348.9	25,400	80,800*	34.3	384.5	9,000	96,400*	42.1	406.7		83,800*	48.6	420.5	68,700*	260	
270	17.4	321.0	21,200	79,400*	29.9	367.9	5,700	90,700*	38.4	394.4		78,000*	45.4	410.8	63,500*	270	
280	2.6	257.1	16,400	55,100*	24.7	347.5	2,600	85,400*	34.5	380.3		72,600*	42.0	399.9	58,600*	280	
290					18.0	320.4		80,300*	30.1	363.8		67,500*	38.4	387.6	53,900*	290	
300					5.8	268.1		70,200*	24.9	343.6		62,700*	34.5	373.5	49,600*	300	
310									18.4	316.9		58,000*	30.0	356.9	45,500*	310	
320									6.9	267.8		53,200*	24.8	336.7	41,500*	320	
330													18.3	310.0	37,700*	330	
340													6.6	260.2	33,700*	340	

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

240 Ft. Boom, 270 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Oper. Rad. Feet
140	67.0	497.3	112,200	135,900*												140
145	65.8	495.0	105,500	133,300*												145
150	64.6	492.6	99,100	130,600*												150
155	63.5	490.1	93,300	127,900*												155
160	62.3	487.4	87,800	125,100*	67.2	494.6	58,800	147,900*								160
165	61.0	484.6	82,600	122,300*	66.0	492.3	54,600	147,900*								165
170	59.8	481.6	77,800	119,400*	64.8	489.9	50,700	147,900*								170
175	58.6	478.5	73,200	116,500*	63.6	487.4	47,000	147,300*								175
180	57.3	475.3	69,000	113,700*	62.4	484.7	43,500	145,400*								180
185	56.0	471.8	64,900	110,800*	61.2	481.9	40,200	143,300*								185
190	54.7	468.2	61,100	108,000*	60.0	479.0	37,100	141,100*								190
195	53.4	464.5	57,500	105,100*	58.7	475.9	34,100	138,700*								195
200	52.0	460.5	54,000	102,400*	57.5	472.7	31,300	136,200*	62.5	480.0	9,000	123,800*				200
205	50.6	456.4	50,800	99,700*	56.2	469.3	28,700	133,700*	61.3	477.3	6,900	119,400*				205
210	49.2	452.0	47,600	97,000*	54.9	465.7	26,100	130,100*	60.1	474.4	5,000	115,200*				210
215	47.8	447.4	44,700	94,400*	53.6	462.0	23,700	125,800*	58.8	471.3	3,100	111,200*				215
220	46.3	442.6	41,800	91,900*	52.2	458.0	21,400	121,600*	57.6	468.0	1,300	107,500*				220
225	44.8	437.5	39,100	89,500*	50.8	453.9	19,200	117,700*	56.3	464.7		103,800*				225
230	43.2	432.2	36,500	87,100*	49.4	449.6	17,100	113,900*	55.0	461.1		100,200*				230
235	41.6	426.5	34,100	84,900*	48.0	445.0	15,100	110,200*	53.7	457.4		96,600*				235
240	40.0	420.5	31,700	82,700*	46.5	440.3	13,100	106,800*	52.3	453.5		93,100*	57.6	461.3	76,400*	240
245	38.3	414.1	29,400	80,700*	45.0	435.2	11,300	103,400*	51.0	449.4		89,700*	56.3	458.0	73,400*	245
250	36.5	407.3	27,200	78,700*	43.5	429.9	9,500	100,200*	49.6	445.1		86,400*	55.0	454.4	70,500*	250
255	34.6	400.1	25,000	76,900*	41.9	424.3	7,700	97,100*	48.1	440.5		83,300*	53.7	450.7	67,700*	255
260	32.6	392.2	23,000	75,200*	40.2	418.3	6,100	94,100*	46.7	435.8		80,300*	52.3	446.8	65,000*	260
270	28.3	374.5	19,000	72,200*	36.8	405.3	2,900	88,500*	43.6	425.5		74,600*	49.5	438.4	59,900*	270
280	23.3	352.9	15,300	70,000*	32.9	390.4		83,200*	40.4	414.0		69,300*	46.6	429.0	55,000*	280
290	16.7	323.8	11,600	66,800*	28.7	372.9		78,100*	36.9	401.0		64,300*	43.6	418.7	50,500*	290
300	2.4	257.2	7,400	43,600*	23.7	351.6		72,800*	33.1	386.1		59,600*	40.4	407.2	46,200*	300
310					17.3	323.3		67,800*	28.9	368.8		55,200*	36.9	394.2	42,200*	310
320					5.5	268.9		57,300*	23.9	347.7		50,900*	33.1	379.4	38,400*	320
330									17.6	319.9		46,800*	28.8	362.0	34,800*	330
340									6.6	268.7		42,500*	23.9	340.9	31,300*	340
350													17.6	312.9	27,900*	350
360													6.3	261.1	24,300*	360

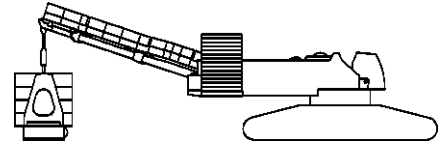


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



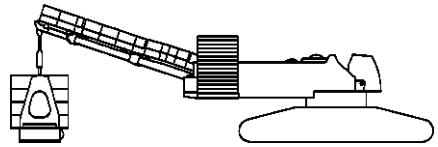
240 Ft. Boom, 290 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
145	67.6	517.0	101,800	120,600*												145
150	66.5	514.7	95,500	118,500*												150
155	65.4	512.4	89,600	116,400*												155
160	64.3	510.0	84,100	114,200*												160
165	63.2	507.4	78,900	112,000*	67.8	514.2	50,200	128,700*								165
170	62.1	504.7	74,100	109,700*	66.7	512.0	46,300	128,700*								170
175	61.0	501.9	69,600	107,300*	65.6	509.7	42,700	128,700*								175
180	59.8	498.9	65,300	105,000*	64.5	507.3	39,200	128,700*								180
185	58.7	495.9	61,300	102,600*	63.4	504.7	35,900	128,700*								185
190	57.5	492.6	57,500	100,200*	62.3	502.0	32,800	127,700*								190
195	56.3	489.2	53,900	97,800*	61.1	499.2	29,900	126,000*								195
200	55.1	485.7	50,400	95,500*	60.0	496.3	27,100	124,200*								200
205	53.8	482.0	47,200	93,100*	58.8	493.2	24,500	122,300*								205
210	52.6	478.1	44,100	90,800*	57.7	490.0	22,000	120,300*	62.4	497.4	200	111,500*				210
215	51.3	474.1	41,100	88,500*	56.5	486.7	19,600	118,300*	61.2	494.6		107,200*				215
220	50.0	469.9	38,300	86,300*	55.3	483.2	17,300	115,100*	60.1	491.7		103,100*				220
225	48.7	465.4	35,600	84,100*	54.0	479.5	15,100	111,100*	58.9	488.6		99,200*				225
230	47.4	460.8	33,000	81,900*	52.8	475.6	13,000	107,400*	57.8	485.4		95,400*				230
235	46.0	455.9	30,600	79,900*	51.5	471.6	11,000	103,700*	56.6	482.1		91,800*				235
240	44.6	450.8	28,200	77,900*	50.2	467.4	9,100	100,000*	55.4	478.6		88,300*				240
245	43.1	445.4	25,900	75,900*	48.9	463.0	7,300	96,300*	54.1	474.9		85,000*				245
250	41.6	439.7	23,800	74,000*	47.6	458.4	5,500	92,700*	52.9	471.1		81,800*	57.7	478.7	65,400*	250
255	40.1	433.7	21,600	72,200*	46.2	453.6	3,800	89,100*	51.6	467.1		78,700*	56.5	475.4	62,700*	255
260	38.5	427.4	19,600	70,400*	44.8	448.5	2,200	85,600*	50.3	462.9		75,700*	55.3	471.9	60,000*	260
270	35.1	413.6	15,800	64,100*	41.9	437.5		78,600*	47.7	453.9		70,100*	52.9	464.4	55,000*	270
280	31.4	397.8	12,200	58,500*	38.7	425.3		72,100*	44.9	444.0		64,900*	50.3	456.2	50,300*	280
290	27.3	379.3	8,800	52,800*	35.4	411.6		65,900*	42.0	433.1		60,000*	47.7	447.2	45,800*	290
300	22.4	356.7	5,500	47,800*	31.7	396.0		60,000*	38.9	421.0		55,400*	44.9	437.3	41,600*	300
310	16.1	326.5	2,300	43,000*	27.6	377.7		54,400*	35.5	407.3		51,000*	42.0	426.4	37,700*	310
320	2.3	257.3		32,500*	22.8	355.5		49,100*	31.9	391.8		46,900*	38.8	414.2	33,900*	320
330					16.7	326.1		44,200*	27.8	373.7		43,000*	35.5	400.5	30,400*	330
340					5.3	269.6		40,000*	23.0	351.7		39,300*	31.8	385.0	27,100*	340
350									17.0	322.7		35,600*	27.8	366.8	23,900*	350
360									6.3	269.6		31,800*	23.0	344.8	20,800*	360
370													16.9	315.7	17,800*	370

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

240 Ft. Boom, 310 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	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	
155	67.1	534.4	86,600	105,300*											155
160	66.1	532.2	81,100	103,600*											160
165	65.1	529.8	75,900	101,800*											165
170	64.1	527.3	71,100	100,000*											170
175	63.0	524.7	66,600	98,100*	67.3	531.7	39,200	112,000*							175
180	62.0	522.0	62,300	96,200*	66.3	529.4	35,800	112,000*							180
185	60.9	519.2	58,300	94,300*	65.2	527.1	32,500	112,000*							185
190	59.8	516.3	54,400	92,300*	64.2	524.6	29,400	112,000*							190
195	58.7	513.2	50,800	90,300*	63.2	522.0	26,500	112,000*							195
200	57.6	510.0	47,400	88,400*	62.1	519.4	23,800	112,000*							200
205	56.5	506.6	44,200	86,400*	61.1	516.6	21,100	110,800*							205
210	55.4	503.1	41,100	84,500*	60.0	513.6	18,600	108,200*							210
215	54.3	499.5	38,100	82,500*	58.9	510.6	16,300	104,600*							215
220	53.1	495.7	35,300	80,600*	57.8	507.4	14,000	101,100*	62.2	514.7	99,400*				220
225	51.9	491.7	32,600	78,600*	56.7	504.1	11,800	97,500*	61.2	511.9	95,400*				225
230	50.7	487.6	30,100	76,800*	55.6	500.6	9,700	93,900*	60.1	509.0	91,700*				230
235	49.5	483.3	27,600	74,500*	54.4	497.0	7,800	90,400*	59.0	505.9	88,100*				235
240	48.3	478.8	25,300	71,200*	53.3	493.2	5,900	86,900*	57.9	502.8	84,600*				240
245	47.0	474.1	23,000	67,900*	52.1	489.3	4,000	83,400*	56.8	499.5	81,300*				245
250	45.7	469.2	20,800	64,700*	50.9	485.2	2,300	79,900*	55.7	496.0	78,100*				250
255	44.4	464.0	18,800	61,600*	49.7	480.9	600	76,400*	54.5	492.4	75,100*				255
260	43.0	458.6	16,700	58,600*	48.5	476.4		73,100*	53.4	488.6	72,100*	57.9	496.0	56,200*	260
270	40.2	447.0	12,900	52,700*	45.9	466.9		66,500*	51.0	480.6	66,500*	55.7	489.3	51,200*	270
280	37.2	434.1	9,400	47,000*	43.2	456.4		60,200*	48.6	471.9	61,300*	53.4	481.9	46,500*	280
290	33.9	419.6	6,100	41,600*	40.4	444.8		54,100*	46.0	462.4	56,500*	51.0	473.9	42,100*	290
300	30.3	403.1	2,900	36,400*	37.4	432.0		48,200*	43.3	451.9	51,900*	48.5	465.2	38,000*	300
310	26.3	383.9		31,600*	34.2	417.7		42,700*	40.5	440.4	47,600*	46.0	455.6	34,100*	310
320	21.6	360.4		27,000*	30.6	401.4		37,500*	37.5	427.7	43,600*	43.3	445.2	30,400*	320
330	15.5	329.1		22,800*	26.7	382.4		32,600*	34.3	413.4	39,800*	40.5	433.7	27,000*	330
340	2.1	257.5		19,300*	22.0	359.3		28,000*	30.8	397.2	36,100*	37.5	420.9	23,700*	340
350					16.1	328.8		23,700*	26.8	378.4	32,700*	34.3	406.6	20,600*	350
360					5.1	270.4		20,000*	22.2	355.5	28,600*	30.8	390.4	17,600*	360
370									16.4	325.5	24,300*				370
380									6.0	270.5	20,500*				380

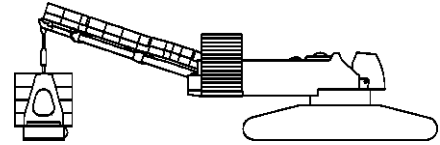


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



260 Ft. Boom, 90 Ft. Luffing Jib

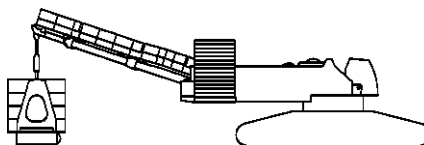
Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	68.0	352.2	343,000	409,500* b													70
75	64.4	349.7	313,600	396,600* b													75
80	60.7	346.7	288,300	382,800* b													80
85	56.9	343.3	266,300	368,600* b													85
90	52.8	339.4	246,800	354,500*													90
95	48.5	334.8	229,500	340,700*	66.2	347.7	184,100	378,400* b									95
100	43.9	329.5	214,000	327,600*	62.6	345.0	171,500	358,200* b									100
105	38.7	323.2	199,900	315,700*	58.8	341.8	160,000	339,500*									105
110	32.8	315.4	187,000	305,500*	54.9	338.1	149,700	322,000*									110
115	25.6	305.2	175,000	298,300*	50.7	333.9	140,200	306,100*									115
120	14.9	289.0	163,400	271,800*	46.2	329.0	131,500	291,400*									120
125					41.4	323.1	123,500	277,900*	60.4	337.9	91,000	255,500* b					125
130					35.9	316.2	115,900	265,300*	56.6	334.5	85,200	244,000* b					130
135					29.5	307.4	108,800	253,600*	52.5	330.5	79,800	233,400*					135
140					21.0	295.1	101,900	242,400*	48.2	325.9	74,700	223,500*					140
145									43.5	320.5	69,900	214,200*					145
150									38.3	314.0	65,400	205,500*	57.8	328.4	39,500	187,400*	150
155									32.3	306.1	61,000	197,300*	53.8	324.6	36,400	180,000*	155
160									25.0	295.7	56,700	189,400*	49.6	320.2	33,400	173,100*	160
165									13.6	278.5	52,100	181,600*	45.0	315.1	30,600	166,500*	165
170													40.0	309.0	27,900	160,300*	170
175													34.3	301.6	25,200	154,300*	175
180													27.5	292.2	22,500	148,500*	180
185													18.1	278.2	19,600	142,900*	185

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

260 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	66.5	369.6	287,700	348,300*													80
85	63.6	367.0	265,700	337,100*													85
90	60.6	364.1	246,400	325,400*													90
95	57.5	360.7	229,200	313,800*													95
100	54.2	357.0	213,900	302,000*	68.0	367.4	169,300	356,000*									100
105	50.8	352.8	200,100	290,500*	65.1	365.0	158,000	337,500*									105
110	47.2	348.1	187,600	279,400*	62.1	362.2	147,800	320,200*									110
115	43.4	342.7	176,200	269,000*	59.0	359.1	138,600	304,400*									115
120	39.3	336.5	165,800	259,400*	55.9	355.6	130,100	289,900*									120
125	34.7	329.2	156,100	250,900*	52.5	351.7	122,300	276,600*									125
130	29.4	320.4	147,100	243,800*	49.1	347.2	115,100	264,300*									130
135	22.9	308.9	138,600	239,200*	45.4	342.2	108,400	252,800*	60.3	355.2	77,300	231,300*					135
140	13.1	290.9	130,100	230,900*	41.4	336.4	102,200	242,200*	57.2	351.9	72,400	221,500*					140
145					37.0	329.7	96,300	232,200*	54.0	348.1	67,900	212,400*					145
150					32.1	321.7	90,700	222,800*	50.6	343.9	63,600	203,900*					150
155					26.3	311.7	85,400	214,000*	46.9	339.1	59,600	196,000*					155
160					18.7	298.0	80,100	205,500*	43.1	333.7	55,800	188,500*					160
165									38.9	327.4	52,200	181,400*	55.0	342.2	28,000	164,400*	165
170									34.3	320.0	48,700	174,700*	51.6	338.1	25,500	158,300*	170
175									28.9	311.0	45,400	168,300*	48.1	333.5	23,100	152,600*	175
180									22.3	299.3	42,000	162,100*	44.3	328.3	20,800	147,100*	180
185									12.0	280.1	38,300	155,900*	40.3	322.3	18,600	142,000*	185
190													35.8	315.3	16,500	137,000*	190
195													30.7	306.9	14,400	132,200*	195
200													24.6	296.2	12,200	127,600*	200
205													16.1	280.6	9,900	123,000*	205

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

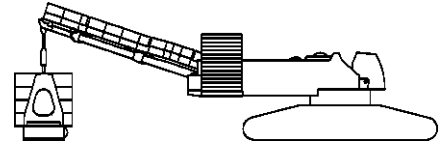


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



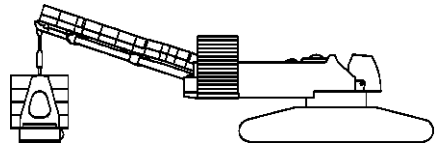
260 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	65.5	386.9	243,600	297,400*													90
95	63.0	384.3	226,500	288,100*													95
100	60.5	381.4	211,200	278,500*													100
105	57.9	378.1	197,500	268,700*													105
110	55.2	374.5	185,100	259,100*	66.8	384.8	143,600	316,600*									110
115	52.3	370.6	173,900	249,600*	64.3	382.3	134,400	300,900*									115
120	49.4	366.2	163,600	240,400*	61.8	379.5	126,100	286,500*									120
125	46.3	361.3	154,200	231,600*	59.2	376.5	118,400	273,300*									125
130	43.1	355.9	145,500	223,300*	56.5	373.1	111,400	261,100*									130
135	39.6	349.8	137,400	215,600*	53.8	369.3	104,800	249,800*									135
140	35.8	342.8	129,900	208,600*	50.9	365.1	98,800	239,300*	62.8	375.5	67,600	217,700*					140
145	31.6	334.7	122,800	202,600*	47.9	360.5	93,100	229,500*	60.3	372.5	63,200	208,700*					145
150	26.8	324.9	116,200	197,800*	44.7	355.4	87,800	220,300*	57.7	369.3	59,100	200,300*					150
155	20.8	312.3	109,700	194,900*	41.4	349.6	82,900	211,700*	54.9	365.7	55,200	192,500*					155
160	11.8	292.6	103,200	196,100*	37.8	343.1	78,200	203,600*	52.1	361.7	51,600	185,100*					160
165					33.8	335.6	73,700	196,000*	49.2	357.3	48,200	178,200*					165
170					29.3	326.7	69,400	188,800*	46.1	352.4	45,000	171,600*					170
175					24.0	315.7	65,300	181,900*	42.8	346.9	41,900	165,400*	55.8	359.7	18,200	148,700*	175
180					17.0	300.7	61,100	175,200*	39.3	340.7	39,000	159,600*	53.0	355.8	16,100	143,400*	180
185									35.5	333.6	36,100	154,000*	50.1	351.5	14,000	138,400*	185
190									31.3	325.4	33,400	148,600*	47.1	346.8	12,100	133,600*	190
195									26.4	315.5	30,700	143,500*	43.9	341.5	10,200	129,000*	195
200									20.3	302.6	28,000	138,500*	40.5	335.5	8,500	124,600*	200
205									10.8	281.6	25,000	133,500*	36.8	328.8	6,700	120,500*	205
210													32.7	321.0	5,000	116,400*	210
215													28.0	311.6	3,300	112,600*	215
220													22.4	299.9	1,500	108,800*	220
225													14.6	282.9		105,000*	225

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

260 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100	64.8	404.3	209,400	256,500*													100
105	62.6	401.6	195,700	248,700*													105
110	60.4	398.7	183,300	240,800*													110
115	58.2	395.5	172,100	232,800*	68.0	404.5	131,600	291,300*									115
120	55.8	392.0	161,900	224,900*	65.9	402.2	123,300	284,100*									120
125	53.4	388.2	152,600	217,100*	63.7	399.6	115,700	270,900*									125
130	51.0	384.1	144,000	209,500*	61.5	396.9	108,700	258,800*									130
135	48.4	379.5	136,000	202,100*	59.3	393.8	102,200	247,600*									135
140	45.7	374.6	128,600	195,100*	57.0	390.5	96,300	237,100*									140
145	42.9	369.1	121,800	188,500*	54.6	386.8	90,700	227,400*									145
150	39.9	363.0	115,300	182,300*	52.2	382.9	85,500	218,300*	62.5	392.8	55,800	197,700*					150
155	36.6	356.3	109,300	176,600*	49.7	378.5	80,700	209,800*	60.3	389.9	52,100	189,900*					155
160	33.1	348.6	103,600	171,500*	47.0	373.8	76,100	201,800*	58.0	386.6	48,600	182,600*					160
165	29.3	339.7	98,200	167,100*	44.3	368.6	71,800	194,300*	55.7	383.1	45,200	175,800*					165
170	24.8	329.1	93,100	163,800*	41.4	362.8	67,800	187,200*	53.2	379.3	42,100	169,300*					170
175	19.2	315.5	88,100	162,000*	38.3	356.4	63,900	180,500*	50.8	375.1	39,200	163,200*					175
180	10.9	294.1	82,900	163,400*	34.9	349.2	60,200	174,200*	48.2	370.6	36,400	157,400*					180
185					31.3	341.0	56,700	168,200*	45.5	365.6	33,700	151,900*	56.4	377.1	10,700	135,800*	185
190					27.1	331.3	53,300	162,400*	42.6	360.1	31,100	146,700*	54.0	373.4	8,900	131,000*	190
195					22.2	319.4	50,000	156,800*	39.6	354.0	28,700	141,800*	51.6	369.3	7,100	126,600*	195
200					15.7	303.1	46,600	151,400*	36.4	347.1	26,300	137,100*	49.0	364.9	5,400	122,300*	200
205									32.9	339.4	24,100	132,500*	46.3	360.0	3,800	118,200*	205
210									28.9	330.4	21,800	128,200*	43.5	354.7	2,300	114,300*	210
215									24.4	319.5	19,700	124,000*	40.6	348.8	800	110,600*	215
220									18.7	305.6	17,400	119,900*	37.4	342.2		107,000*	220
225									9.9	283.0	14,900	115,700*	34.0	334.7		103,500*	225
230													30.2	326.2		100,200*	230
235													25.9	316.0		97,000*	235
240													20.7	303.3		93,500*	240
245													13.4	284.9		89,900*	245

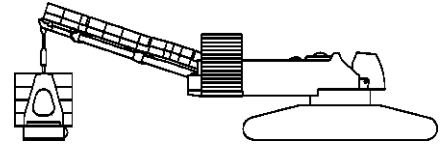


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



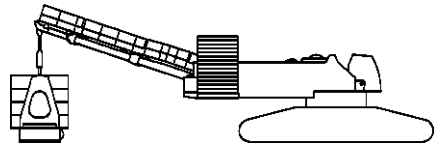
260 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	66.1	424.1	192,300	228,000*													105
110	64.2	421.6	180,000	221,800*													110
115	62.3	418.9	168,800	215,400*													115
120	60.4	416.0	158,700	208,800*													120
125	58.4	412.9	149,300	202,300*	67.0	422.0	111,200	255,100*									125
130	56.3	409.4	140,800	195,700*	65.2	419.6	104,300	250,700*									130
135	54.3	405.8	132,900	189,300*	63.3	417.0	97,900	244,000*									135
140	52.1	401.8	125,600	183,000*	61.4	414.2	92,000	233,600*									140
145	49.9	397.5	118,800	176,900*	59.4	411.1	86,500	224,000*									145
150	47.6	392.9	112,400	171,000*	57.4	407.9	81,400	215,000*									150
155	45.2	387.8	106,500	165,300*	55.3	404.3	76,600	206,500*									155
160	42.7	382.3	101,000	160,000*	53.2	400.5	72,200	198,600*	62.2	410.1	43,600	178,700*					160
165	40.1	376.3	95,700	154,900*	51.0	396.4	68,000	191,200*	60.2	407.2	40,400	171,900*					165
170	37.3	369.7	90,800	150,300*	48.7	391.9	64,000	184,200*	58.2	404.0	37,300	165,600*					170
175	34.3	362.3	86,100	146,000*	46.4	387.1	60,300	177,600*	56.2	400.6	34,500	159,500*					175
180	31.0	354.0	81,700	142,300*	44.0	381.8	56,700	171,300*	54.1	396.9	31,800	153,800*					180
185	27.3	344.4	77,400	139,200*	41.4	376.1	53,400	165,400*	51.9	392.9	29,200	148,400*					185
190	23.1	333.0	73,300	136,800*	38.7	369.8	50,100	159,700*	49.7	388.6	26,700	143,300*					190
195	17.9	318.4	69,300	135,600*	35.8	362.8	47,100	154,400*	47.4	383.9	24,400	138,400*	56.8	394.5	2,000	122,600*	195
200	10.1	295.6	65,100	137,300*	32.7	355.0	44,100	149,300*	45.0	378.8	22,200	133,800*	54.8	390.9	400	118,400*	200
205					29.2	346.0	41,300	144,400*	42.5	373.3	20,100	129,400*	52.6	387.0		114,400*	205
210					25.3	335.6	38,500	139,700*	39.8	367.2	18,000	125,100*	50.4	382.8		110,600*	210
215					20.7	322.9	35,800	135,100*	37.0	360.6	16,000	121,100*	48.1	378.2		106,900*	215
220					14.6	305.5	33,000	130,600*	34.0	353.1	14,100	117,200*	45.8	373.3		103,100*	220
225									30.7	344.7	12,200	113,500*	43.3	367.9		99,500*	225
230									27.0	335.0	10,400	109,900*	40.7	362.0		96,000*	230
235									22.8	323.4	8,600	106,400*	37.9	355.6		92,600*	235
240									17.5	308.4	6,700	102,900*	35.0	348.4		89,400*	240
245									9.1	284.2	4,600	99,400*	31.8	340.3		86,200*	245
250													28.2	331.0		83,200*	250
255													24.2	320.1		80,200*	255
260													19.3	306.5		77,200*	260

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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

260 Ft. Boom, 190 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
115	65.5	441.5	166,400	198,500*													115
120	63.8	439.0	156,200	193,300*													120
125	62.1	436.2	146,900	188,000*													125
130	60.3	433.3	138,400	182,500*	68.0	441.6	101,100	226,100*									130
135	58.6	430.2	130,500	177,100*	66.3	439.4	94,800	224,100*									135
140	56.7	426.9	123,200	171,700*	64.6	436.9	88,900	220,400*									140
145	54.9	423.3	116,400	166,400*	62.9	434.3	83,400	216,300*									145
150	53.0	419.4	110,200	161,100*	61.2	431.5	78,400	211,800*									150
155	51.0	415.3	104,300	156,000*	59.4	428.5	73,600	204,100*									155
160	49.0	410.9	98,800	151,100*	57.7	425.2	69,200	196,200*									160
165	46.9	406.2	93,600	146,300*	55.8	421.8	65,100	188,800*									165
170	44.8	401.1	88,700	141,700*	53.9	418.0	61,200	181,800*	61.9	427.4	33,900	162,800*					170
175	42.6	395.5	84,200	137,300*	52.0	414.1	57,500	175,300*	60.2	424.5	31,100	156,800*					175
180	40.2	389.6	79,800	133,200*	50.0	409.8	54,000	169,100*	58.4	421.4	28,400	151,200*					180
185	37.7	383.1	75,700	129,400*	48.0	405.2	50,700	163,200*	56.6	418.0	25,900	145,800*					185
190	35.1	375.9	71,800	125,900*	45.9	400.3	47,600	157,600*	54.7	414.4	23,500	140,700*					190
195	32.3	368.0	68,000	122,700*	43.7	395.0	44,600	152,300*	52.8	410.5	21,200	135,900*					195
200	29.2	359.1	64,400	119,900*	41.4	389.3	41,700	147,300*	50.9	406.4	19,000	131,300*					200
205	25.8	348.8	61,000	117,600*	39.0	383.1	39,000	142,500*	48.9	402.0	17,000	126,900*	57.2	411.9	111,100*		205
210	21.8	336.6	57,600	116,000*	36.4	376.2	36,400	137,900*	46.8	397.2	15,000	122,800*	55.3	408.4	107,100*		210
215	16.9	321.1	54,300	115,200*	33.7	368.7	33,900	133,500*	44.6	392.0	13,100	118,800*	53.4	404.6	103,200*		215
220	9.4	297.0	50,800	117,000*	30.8	360.3	31,500	129,200*	42.4	386.5	11,300	115,000*	51.5	400.5	99,500*		220
225					27.5	350.8	29,100	125,200*	40.0	380.5	9,500	111,300*	49.5	396.2	96,000*		225
230					23.8	339.7	26,800	121,300*	37.5	373.9	7,800	107,800*	47.4	391.5	92,500*		230
235					19.5	326.1	24,600	117,500*	34.9	366.7	6,200	104,400*	45.3	386.5	89,300*		235
240					13.7	307.6	22,200	113,700*	32.0	358.7	4,600	101,200*	43.1	381.1	86,100*		240
245									28.9	349.7	3,000	98,000*	40.8	375.3	83,100*		245
250									25.5	339.4	1,500	95,000*	38.3	368.9	80,100*		250
255									21.4	327.0		92,000*	35.7	361.9	77,300*		255
260									16.4	311.1		89,100*	33.0	354.2	74,500*		260
270													26.6	335.6	69,200*		270
280													18.2	309.5	64,100*		280

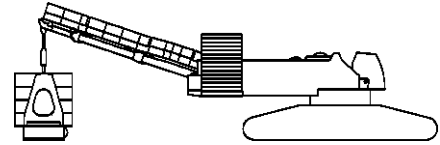


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



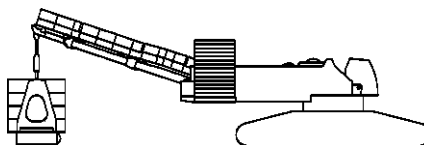
260 Ft. Boom, 210 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
125	65.0	458.8	143,400	172,900*												125	
130	63.4	456.3	134,800	168,600*												130	
135	61.9	453.5	127,000	164,200*												135	
140	60.3	450.6	119,700	159,800*	67.2	459.0	84,400	198,000*								140	
145	58.7	447.5	113,000	155,300*	65.7	456.7	79,000	196,200*								145	
150	57.1	444.2	106,700	150,900*	64.2	454.3	74,000	193,200*								150	
155	55.4	440.7	100,800	146,500*	62.7	451.6	69,300	189,800*								155	
160	53.7	437.0	95,400	142,200*	61.1	448.8	64,900	186,200*								160	
165	52.0	433.0	90,200	137,900*	59.5	445.8	60,800	182,500*								165	
170	50.2	428.8	85,400	133,700*	57.9	442.6	56,900	178,400*								170	
175	48.3	424.3	80,900	129,700*	56.2	439.2	53,300	171,900*								175	
180	46.4	419.5	76,600	125,800*	54.5	435.6	49,800	165,800*	61.8	444.7	23,500	147,300*				180	
185	44.5	414.3	72,500	122,100*	52.8	431.7	46,600	159,900*	60.2	441.8	21,000	142,000*				185	
190	42.4	408.8	68,700	118,500*	51.1	427.6	43,500	154,400*	58.6	438.7	18,700	137,000*				190	
195	40.3	402.8	65,000	115,100*	49.2	423.2	40,600	149,100*	56.9	435.4	16,500	132,200*				195	
200	38.1	396.4	61,500	111,900*	47.4	418.6	37,800	144,100*	55.3	431.9	14,400	127,700*				200	
205	35.8	389.4	58,200	109,000*	45.5	413.6	35,200	139,400*	53.6	428.1	12,400	123,300*				205	
210	33.3	381.8	55,000	106,300*	43.5	408.2	32,600	134,800*	51.8	424.1	10,500	119,200*				210	
215	30.6	373.3	51,900	103,900*	41.4	402.5	30,200	130,500*	50.0	419.9	8,600	115,300*	57.5	429.3	97,900*	215	
220	27.7	363.9	49,000	101,800*	39.2	396.4	27,900	126,400*	48.2	415.3	6,900	111,500*	55.8	425.8	94,200*	220	
225	24.4	353.0	46,100	100,100*	36.9	389.7	25,700	122,400*	46.3	410.5	5,200	107,900*	54.1	422.1	90,800*	225	
230	20.6	340.1	43,300	98,900*	34.5	382.4	23,500	118,600*	44.3	405.3	3,600	104,500*	52.4	418.2	87,400*	230	
235	16.0	323.7	40,500	98,600*	32.0	374.3	21,400	114,900*	42.3	399.7	2,000	101,200*	50.6	414.0	84,200*	235	
240	8.9	298.3	37,500	100,200*	29.2	365.4	19,400	111,400*	40.2	393.7	500	98,000*	48.8	409.6	81,100*	240	
245					26.1	355.3	17,500	108,000*	37.9	387.3		94,900*	46.9	404.9	78,200*	245	
250					22.6	343.5	15,500	104,700*	35.6	380.3		92,000*	44.9	399.8	75,300*	250	
255					18.5	329.2	13,600	101,400*	33.1	372.6		88,800*	42.9	394.4	72,500*	255	
260					13.0	309.7	11,500	98,200*	30.4	364.0		85,800*	40.8	388.5	69,900*	260	
270									24.1	343.5		79,900*	36.3	375.4	64,800*	270	
280									15.5	313.6		74,300*	31.2	359.6	60,000*	280	
290													25.2	340.0	55,400*	290	
300													17.2	312.3	51,000*	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
247,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

260 Ft. Boom, 230 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
135	64.5	476.2	124,200	151,500*												135	
140	63.1	473.6	117,000	147,900*												140	
145	61.7	470.9	110,200	144,300*	68.0	478.7	75,600	174,700*								145	
150	60.3	468.0	104,000	140,600*	66.6	476.5	70,600	174,700*								150	
155	58.8	464.9	98,100	136,900*	65.2	474.1	66,000	172,900*								155	
160	57.3	461.6	92,700	133,200*	63.8	471.6	61,600	170,400*								160	
165	55.8	458.2	87,500	129,500*	62.4	468.9	57,500	167,700*								165	
170	54.3	454.5	82,700	125,900*	61.0	466.1	53,700	164,700*								170	
175	52.7	450.6	78,200	122,300*	59.5	463.1	50,100	161,700*								175	
180	51.1	446.5	73,900	118,800*	58.1	459.9	46,700	158,400*								180	
185	49.4	442.2	69,900	115,400*	56.6	456.6	43,500	155,000*								185	
190	47.7	437.6	66,100	112,100*	55.0	453.0	40,400	151,500*	61.6	462.0	15,100	134,200*				190	
195	46.0	432.7	62,500	108,900*	53.5	449.3	37,500	146,700*	60.2	459.1	12,900	129,400*				195	
200	44.2	427.5	59,000	105,800*	51.9	445.3	34,800	141,700*	58.7	456.0	10,900	124,900*				200	
205	42.4	422.0	55,700	102,900*	50.3	441.1	32,200	137,000*	57.2	452.8	8,900	120,600*				205	
210	40.4	416.1	52,600	100,100*	48.6	436.6	29,700	132,500*	55.7	449.3	7,000	116,500*				210	
215	38.4	409.7	49,600	97,400*	46.9	431.9	27,300	128,200*	54.1	445.6	5,200	112,600*				215	
220	36.3	402.9	46,800	94,900*	45.1	426.8	25,000	124,100*	52.6	441.7	3,500	108,900*				220	
225	34.1	395.5	44,000	92,700*	43.3	421.5	22,800	120,100*	51.0	437.6	1,900	105,300*	57.7	446.6	86,900*	225	
230	31.7	387.4	41,400	90,600*	41.4	415.7	20,700	116,400*	49.3	433.3	300	101,900*	56.2	443.2	83,600*	230	
235	29.1	378.4	38,800	88,700*	39.4	409.6	18,700	112,700*	47.6	428.6		98,600*	54.6	439.6	80,400*	235	
240	26.4	368.4	36,300	87,100*	37.4	403.0	16,800	109,300*	45.9	423.7		95,200*	53.1	435.8	77,400*	240	
245	23.3	357.0	33,900	85,900*	35.2	395.9	14,900	105,900*	44.1	418.5		91,900*	51.5	431.8	74,500*	245	
250	19.7	343.4	31,500	85,100*	32.9	388.2	13,100	102,700*	42.2	413.0		88,700*	49.8	427.5	71,600*	250	
255	15.2	326.2	29,100	85,000*	30.4	379.7	11,300	99,600*	40.3	407.0		85,600*	48.2	423.0	68,900*	255	
260	8.4	299.6	26,600	83,600*	27.8	370.2	9,600	96,600*	38.2	400.6		82,700*	46.4	418.1	66,300*	260	
270					21.5	347.2	6,300	90,800*	33.9	386.3		77,000*	42.8	407.6	61,300*	270	
280					12.3	311.7	2,800	85,300*	28.9	369.1		71,700*	38.9	395.5	56,700*	280	
290									23.0	347.4		66,600*	34.6	381.5	52,300*	290	
300									14.8	316.1		61,700*	29.8	364.9	48,100*	300	
310													24.0	344.1	44,100*	310	
320													16.4	315.0	40,200*	320	

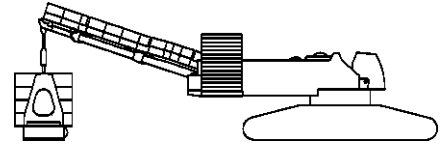


Liftcrane Luffing Jib Capacities

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
 247,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



260 Ft. Boom, 250 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
140	65.5	496.0	113,300	135,400*												140
145	64.2	493.5	106,600	132,500*												145
150	62.9	490.9	100,300	129,500*												150
155	61.6	488.2	94,500	126,500*	67.3	496.1	61,500	154,000*								155
160	60.3	485.3	89,000	123,400*	66.1	493.9	57,200	154,000*								160
165	58.9	482.2	83,900	120,300*	64.8	491.5	53,100	152,100*								165
170	57.5	479.0	79,100	117,300*	63.5	488.9	49,300	150,000*								170
175	56.2	475.6	74,600	114,200*	62.2	486.2	45,700	147,800*								175
180	54.7	472.0	70,400	111,200*	60.9	483.4	42,400	145,400*								180
185	53.3	468.2	66,400	108,200*	59.6	480.4	39,200	142,800*								185
190	51.8	464.2	62,600	105,200*	58.2	477.3	36,200	140,200*								190
195	50.4	460.0	59,000	102,400*	56.9	474.0	33,300	137,400*	62.8	482.1	8,000	125,600*				195
200	48.8	455.6	55,600	99,500*	55.5	470.5	30,600	134,600*	61.5	479.4	6,000	121,200*				200
205	47.3	450.9	52,300	96,800*	54.0	466.8	28,000	131,600*	60.1	476.5	4,100	116,900*				205
210	45.6	446.0	49,200	94,200*	52.6	462.9	25,600	128,700*	58.8	473.4	2,300	112,800*				210
215	44.0	440.8	46,300	91,600*	51.1	458.8	23,200	125,000*	57.4	470.1	500	109,000*				215
220	42.3	435.2	43,400	89,200*	49.6	454.5	21,000	120,900*	56.1	466.7		105,000*				220
225	40.5	429.3	40,700	86,900*	48.0	450.0	18,800	117,000*	54.6	463.1		101,200*				225
230	38.7	423.0	38,100	84,700*	46.5	445.2	16,800	113,200*	53.2	459.3		97,500*				230
235	36.7	416.3	35,600	82,600*	44.8	440.1	14,800	109,700*	51.7	455.3		93,900*	57.9	464.0	75,200*	235
240	34.7	409.0	33,200	80,700*	43.1	434.7	12,900	106,200*	50.2	451.1		90,500*	56.5	460.6	72,200*	240
245	32.6	401.2	30,900	78,900*	41.4	429.0	11,100	102,900*	48.7	446.7		87,300*	55.1	457.1	69,300*	245
250	30.3	392.7	28,700	77,300*	39.6	422.9	9,300	99,700*	47.1	442.0		84,100*	53.7	453.4	66,500*	250
255	27.9	383.3	26,500	75,900*	37.7	416.4	7,700	96,700*	45.5	437.0		81,100*	52.2	449.4	63,900*	255
260	25.2	372.8	24,400	74,700*	35.7	409.4	6,000	93,700*	43.9	431.7		78,200*	50.7	445.3	61,300*	260
270	18.8	346.6	20,300	73,200*	31.5	393.7	2,900	88,100*	40.4	420.2		72,600*	47.6	436.3	56,400*	270
280	8.0	300.8	16,000	68,400*	26.6	374.9		82,900*	36.6	407.2		67,400*	44.4	426.3	51,900*	280
290					20.6	350.7		77,500*	32.4	392.0		62,600*	40.9	415.0	47,600*	290
300					11.8	313.5		72,000*	27.7	373.9		57,900*	37.2	402.2	43,600*	300
310									22.0	351.2		53,500*	33.1	387.4	39,800*	310
320									14.1	318.4		49,200*	28.5	369.8	36,200*	320
330													23.0	348.0	32,600*	330
340													15.6	317.6	29,100*	340