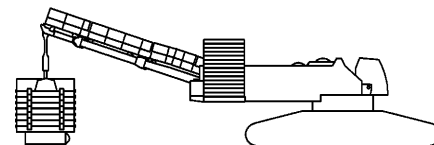


Liftcrane Luffing Jib Capacities

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
599,800 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 (*).

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 599,800 Lb. hanging counterweight.

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

Boom and/or Jib Catwalks Deduct

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

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.		

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

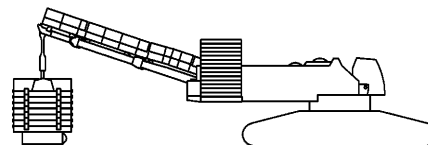
599,800 Lb. Hanging Counterweight

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	70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
120	54.5	231.3	301,700	416,600*					120
125	50.3	227.0	286,600	398,700*					125
130	45.8	222.0	272,600	382,100*					130
135	40.8	216.1	259,700	366,600*	52.6	223.8	245,100	356,800*	135
140	35.3	208.9	247,500	352,200*	48.3	219.2	233,800	342,800*	140
145	28.7	199.9	236,100	338,600*	43.7	213.8	223,200	329,800*	145
150	20.0	187.1	225,000	325,600*	38.5	207.4	213,300	317,500*	150
155					32.6	199.6	203,900	305,900*	155
160					25.3	189.3	194,900	294,900*	160
165					14.2	172.6	185,800	284,200*	165

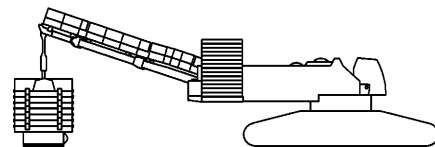
REFER TO ONLY!

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
599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
105	62.8	261.1	375,000	491,700*									105
110	59.8	258.1	354,200	468,100*									110
115	56.7	254.7	335,300	446,600*									115
120	53.4	250.8	318,100	426,700*									120
125	49.9	246.5	302,300	408,400*									125
130	46.3	241.6	287,700	391,500*	55.5	248.8	271,200	380,400*					130
135	42.4	236.0	274,200	375,700*	52.2	244.8	258,500	365,100*					135
140	38.1	229.6	261,600	361,000*	48.7	240.3	246,700	350,900*					140
145	33.4	221.9	249,800	347,200*	45.0	235.2	235,700	337,600*					145
150	27.9	212.6	238,700	331,100*	40.9	229.3	225,400	325,100*	50.7	237.2	211,800	315,900*	150
155	20.9	200.1	228,100	306,400*	36.5	222.5	215,700	313,400*	47.1	232.5	202,800	304,500*	155
160					31.6	214.4	206,600	302,300*	43.2	227.0	194,300	293,900*	160
165					25.7	204.2	197,900	291,800*	39.1	220.8	186,300	283,800*	165
170					17.7	189.8	189,300	281,700*	34.5	213.4	178,600	274,300*	170
175									29.1	204.5	171,400	265,200*	175
180									22.6	192.9	164,300	256,500*	180
185									12.5	174.3	157,100	248,000*	185

160 Ft. Boom, 130 Ft. Luffing Jib

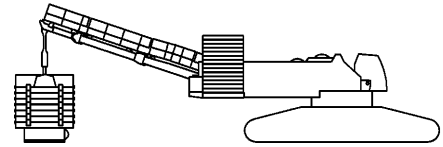
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
115	62.4	278.4	331,900	443,100*									115
120	59.8	275.4	314,700	423,400*									120
125	57.2	272.1	299,000	405,200*									125
130	54.5	268.4	284,600	388,400*									130
135	51.6	264.3	271,200	372,800*									135
140	48.7	259.8	258,900	358,200*	56.2	266.3	242,900	347,400*					140
145	45.5	254.8	247,300	344,600*	53.5	262.5	232,100	334,300*					145
150	42.2	249.2	236,600	331,900*	50.6	258.3	222,000	322,000*					150
155	38.7	242.9	226,500	315,200*	47.6	253.6	212,500	310,400*					155
160	34.8	235.7	217,000	298,300*	44.4	248.4	203,700	299,500*	52.2	255.0	190,300	290,400*	160
165	30.5	227.2	208,100	282,800*	41.0	242.6	195,300	289,300*	49.3	250.6	182,500	280,500*	165
170	25.4	216.9	199,500	268,400*	37.4	235.9	187,400	279,600*	46.2	245.7	175,100	271,200*	170
175	19.0	203.2	191,300	248,200*	33.4	228.3	179,900	270,400*	43.0	240.2	168,100	262,300*	175
180					28.8	219.3	172,800	261,700*	39.5	234.1	161,500	253,900*	180
185					23.4	208.0	165,900	253,300*	35.7	227.1	155,200	245,900*	185
190					16.1	192.3	159,100	245,200*	31.4	218.9	149,200	238,300*	190
195									26.6	209.0	143,400	231,000*	195
200									20.5	196.3	137,700	224,000*	200
205									11.3	175.9	131,900	217,000*	205

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
 599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
125	62.1	295.7	296,800	402,900*									125
130	59.9	292.7	282,400	386,100*									130
135	57.6	289.5	269,100	370,600*									135
140	55.2	285.9	256,800	356,100*									140
145	52.8	282.0	245,400	342,600*									145
150	50.3	277.8	234,700	330,000*	56.8	283.7	219,500	319,600*					150
155	47.7	273.1	224,800	316,700*	54.4	280.0	210,100	308,100*					155
160	45.0	268.1	215,500	299,800*	52.0	276.0	201,300	297,400*					160
165	42.1	262.5	206,700	284,300*	49.4	271.7	193,100	287,200*					165
170	39.1	256.2	198,500	270,000*	46.8	266.9	185,400	277,600*					170
175	35.8	249.2	190,600	256,900*	44.0	261.6	178,000	268,600*	50.9	268.5	165,600	260,000*	175
180	32.2	241.3	183,200	244,800*	41.1	255.8	171,100	260,000*	48.3	263.9	159,100	251,700*	180
185	28.2	232.0	176,200	233,400*	38.0	249.3	164,600	251,800*	45.6	258.9	152,900	243,800*	185
190	23.5	220.8	169,400	222,800*	34.6	242.0	158,300	244,100*	42.7	253.4	147,100	236,400*	190
195	17.5	206.0	162,700	205,700*	30.9	233.7	152,300	236,700*	39.7	247.4	141,500	229,200*	195
200					26.6	223.8	146,600	229,600*	36.5	240.6	136,200	222,400*	200
205					21.6	211.6	141,000	219,600*	33.0	232.8	131,200	215,900*	205
210					14.8	194.6	135,500	208,200*	29.1	223.9	126,300	209,700*	210
215									24.6	213.1	121,500	203,700*	215
220									19.0	199.4	116,800	197,900*	220
225									10.3	177.4	112,000	192,100*	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

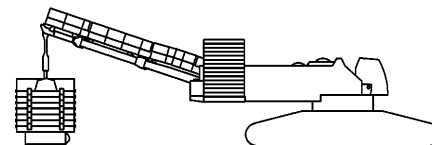
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

 Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



160 Ft. Boom, 170 Ft. Luffing Jib

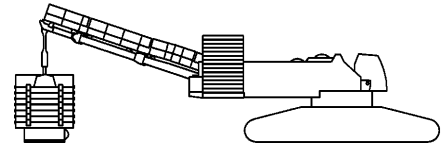
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
135	61.8	313.0	265,200	367,000*									135
140	59.9	310.0	253,000	352,600*									140
145	57.9	306.8	241,600	339,200*									145
150	55.8	303.4	231,000	326,600*									150
155	53.7	299.6	221,200	314,900*									155
160	51.5	295.6	211,900	298,600*	57.2	301.1	197,100	293,800*					160
165	49.3	291.2	203,200	283,100*	55.1	297.5	189,000	283,700*					165
170	47.0	286.4	195,100	268,800*	53.0	293.7	181,300	274,200*					170
175	44.6	281.3	187,400	255,700*	50.8	289.5	174,100	265,200*					175
180	42.0	275.7	180,100	243,600*	48.5	285.0	167,300	256,700*					180
185	39.4	269.5	173,300	232,400*	46.2	280.1	160,800	248,600*	52.0	286.2	148,600	240,200*	185
190	36.5	262.7	166,700	221,900*	43.7	274.8	154,700	241,000*	49.8	281.9	142,800	232,800*	190
195	33.5	255.1	160,500	212,200*	41.1	269.0	148,900	233,700*	47.5	277.2	137,400	225,800*	195
200	30.1	246.5	154,500	203,000*	38.4	262.7	143,300	226,800*	45.1	272.2	132,200	219,100*	200
205	26.3	236.5	148,800	194,400*	35.5	255.6	138,100	218,700*	42.6	266.7	127,300	212,700*	205
210	21.9	224.5	143,300	185,400*	32.3	247.7	133,000	209,200*	39.9	260.6	122,600	206,600*	210
215	16.3	208.6	137,900	171,300*	28.8	238.6	128,100	200,300*	37.1	254.0	118,100	200,700*	215
220					24.9	228.1	123,400	191,800*	34.1	246.6	113,700	195,100*	220
225					20.2	215.0	118,800	183,100*	30.8	238.2	109,500	189,800*	225
230					13.8	196.8	114,200	173,900*	27.2	228.5	105,500	184,600*	230
235									22.9	217.0	101,500	179,600*	235
240									17.7	202.2	97,600	174,700*	240
245									9.6	178.7	93,500	169,700*	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
 599,800 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

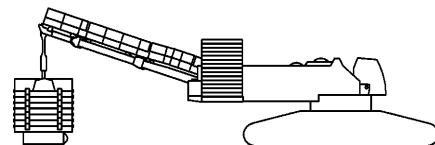
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
145	61.6	330.3	238,900	336,700*									145
150	59.9	327.4	228,300	324,200*									150
155	58.1	324.2	218,500	312,400*									155
160	56.3	320.8	209,300	297,500*									160
165	54.4	317.1	200,700	281,900*									165
170	52.5	313.2	192,500	267,600*	57.5	318.5	178,400	271,600*					170
175	50.5	309.0	184,900	254,500*	55.6	315.0	171,200	262,700*					175
180	48.5	304.5	177,700	242,400*	53.7	311.2	164,400	254,200*					180
185	46.4	299.7	170,900	231,200*	51.8	307.2	158,000	246,200*					185
190	44.2	294.5	164,400	220,800*	49.8	303.0	152,000	238,600*					190
195	42.0	288.9	158,300	211,000*	47.8	298.4	146,200	231,400*	52.9	303.8	134,300	223,200*	195
200	39.6	282.8	152,500	201,900*	45.7	293.4	140,700	224,500*	51.0	299.7	129,200	216,600*	200
205	37.1	276.1	146,900	193,400*	43.5	288.0	135,500	217,400*	48.9	295.3	124,400	210,200*	205
210	34.4	268.8	141,600	185,400*	41.1	282.3	130,600	207,900*	46.9	290.5	119,700	204,200*	210
215	31.5	260.6	136,500	177,800*	38.7	276.0	125,800	199,100*	44.7	285.4	115,300	198,400*	215
220	28.4	251.4	131,600	170,700*	36.2	269.1	121,300	190,800*	42.5	279.9	111,000	192,900*	220
225	24.8	240.8	126,900	163,400*	33.4	261.5	116,900	183,000*	40.1	273.9	107,000	187,600*	225
230	20.6	227.9	122,300	156,100*	30.4	253.0	112,700	175,600*	37.6	267.4	103,100	182,500*	230
235	15.4	211.1	117,700	144,200*	27.2	243.3	108,700	168,600*	35.0	260.2	99,300	177,600*	235
240					23.4	232.0	104,700	161,500*	32.1	252.2	95,700	172,900*	240
245					19.0	218.1	100,800	154,200*	29.1	243.2	92,200	168,300*	245
250					13.0	198.8	96,900	146,800*	25.6	232.9	88,800	163,900*	250
255									21.6	220.6	85,400	158,900*	255
260									16.6	204.9	82,100	151,700*	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
599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
155	61.5	347.6	214,500	290,400*									155
160	59.9	344.7	205,300	284,300*									160
165	58.3	341.5	196,700	277,500*									165
170	56.6	338.2	188,600	264,900*									170
175	55.0	334.6	181,000	251,800*									175
180	53.3	330.8	173,900	239,600*	57.7	335.8	160,100	250,600*					180
185	51.5	326.8	167,100	228,400*	56.1	332.4	153,700	242,700*					185
190	49.7	322.5	160,700	218,000*	54.4	328.8	147,700	235,100*					190
195	47.9	317.9	154,600	208,300*	52.6	324.9	142,000	227,900*					195
200	45.9	313.0	148,800	199,300*	50.9	320.7	136,600	221,100*					200
205	44.0	307.7	143,400	190,800*	49.1	316.4	131,500	214,600*					205
210	41.9	302.1	138,100	182,800*	47.2	311.7	126,600	205,200*	51.9	317.4	115,300	200,600*	210
215	39.8	296.1	133,100	175,300*	45.3	306.6	121,900	196,300*	50.1	313.2	110,900	194,800*	215
220	37.5	289.5	128,300	168,200*	43.3	301.3	117,400	188,000*	48.2	308.6	106,700	189,400*	220
225	35.1	282.4	123,800	161,600*	41.2	295.5	113,200	180,300*	46.4	303.8	102,700	184,100*	225
230	32.6	274.5	119,400	155,200*	39.0	289.3	109,100	173,000*	44.4	298.6	98,900	179,100*	230
235	29.9	265.9	115,100	149,200*	36.7	282.5	105,100	166,100*	42.4	293.1	95,200	174,300*	235
240	26.9	256.1	111,000	143,200*	34.3	275.2	101,300	159,500*	40.2	287.1	91,700	169,600*	240
245	23.5	244.8	107,100	137,100*	31.7	267.1	97,700	153,300*	38.0	280.7	88,300	165,200*	245
250	19.6	231.2	103,200	131,100*	28.9	258.0	94,100	147,400*	35.7	273.7	85,000	160,900*	250
255	14.5	213.4	99,300	120,800*	25.7	247.8	90,700	141,700*	33.2	266.0	81,900	156,700*	255
260					22.2	235.8	87,400	135,600*	30.5	257.5	78,800	150,900*	260
270					12.3	200.7	80,700	123,600*	24.3	237.1	72,900	139,500*	270
280									15.7	207.5	67,200	127,600*	280

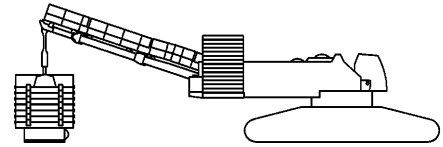


Liftcrane Luffing Jib Capacities

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
 599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
160	62.8	367.7	202,300	251,100*									160
165	61.4	365.0	193,700	245,600*									165
170	59.9	362.0	185,700	239,700*									170
175	58.4	358.9	178,100	233,700*									175
180	56.9	355.6	170,900	227,600*									180
185	55.4	352.1	164,200	221,400*									185
190	53.9	348.4	157,800	215,100*	57.9	353.2	144,600	228,600*					190
195	52.3	344.4	151,800	206,300*	56.4	349.8	138,900	223,300*					195
200	50.7	340.3	146,000	197,200*	54.9	346.2	133,500	217,700*					200
205	49.0	335.9	140,600	188,700*	53.3	342.5	128,400	211,900*					205
210	47.3	331.2	135,400	180,700*	51.7	338.5	123,500	203,000*					210
215	45.6	326.2	130,400	173,200*	50.1	334.2	118,900	194,200*					215
220	43.7	321.0	125,700	166,200*	48.4	329.7	114,400	185,900*	52.6	335.0	103,500	186,700*	220
225	41.9	315.3	121,200	159,500*	46.7	325.0	110,200	178,100*	51.0	330.9	99,500	181,500*	225
230	39.9	309.3	116,800	153,200*	44.9	319.9	106,200	170,800*	49.4	326.6	95,700	176,500*	230
235	37.9	302.9	112,700	147,300*	43.1	314.5	102,300	163,900*	47.7	322.0	92,100	171,700*	235
240	35.7	295.9	108,700	141,600*	41.2	308.7	98,500	157,400*	45.9	317.1	88,600	167,100*	240
245	33.5	288.3	104,800	136,200*	39.2	302.6	95,000	151,300*	44.1	311.9	85,300	162,700*	245
250	31.1	280.0	101,100	131,100*	37.1	295.9	91,500	145,400*	42.3	306.3	82,000	158,400*	250
255	28.5	270.8	97,500	126,000*	35.0	288.7	88,200	139,900*	40.3	300.4	78,900	154,300*	255
260	25.6	260.5	94,100	120,800*	32.7	280.9	85,000	134,600*	38.3	294.0	76,000	148,700*	260
270	18.6	234.3	87,400	110,800*	27.5	262.8	78,800	124,700*	34.0	279.7	70,300	137,600*	270
280					21.2	239.4	73,000	114,600*	29.0	262.6	64,900	127,600*	280
290					11.6	202.6	67,200	104,500*	23.1	241.0	59,900	117,800*	290
300									15.0	210.0	54,900	107,900*	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

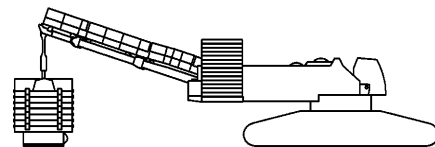
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



160 Ft. Boom, 250 Ft. Luffing Jib

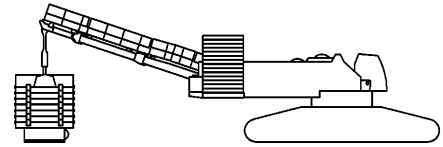
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
170	62.6	385.1	181,600	214,500*									170
175	61.2	382.3	174,000	209,300*									175
180	59.9	379.3	166,900	203,900*									180
185	58.6	376.2	160,200	198,300*									185
190	57.2	372.9	153,800	192,800*									190
195	55.8	369.5	147,800	187,200*									195
200	54.4	365.9	142,100	181,600*									200
205	52.9	362.0	136,600	176,000*	56.7	367.2	124,100	188,800*					205
210	51.5	358.0	131,500	170,500*	55.3	363.7	119,200	183,700*					210
215	50.0	353.7	126,600	165,100*	53.9	360.0	114,600	178,600*					215
220	48.4	349.3	121,900	159,800*	52.4	356.1	110,200	173,400*					220
225	46.8	344.5	117,400	154,300*	51.0	352.0	106,000	168,300*					225
230	45.2	339.5	113,100	149,400*	49.4	347.6	102,000	163,100*					230
235	43.6	334.2	109,000	144,200*	47.9	343.1	98,200	158,000*	51.8	348.6	87,600	168,100*	235
240	41.8	328.6	105,000	138,500*	46.3	338.2	94,500	152,800*	50.3	344.4	84,200	163,600*	240
245	40.0	322.6	101,200	133,200*	44.6	333.1	90,900	148,100*	48.8	340.0	80,900	159,200*	245
250	38.2	316.2	97,600	128,100*	43.0	327.7	87,500	142,200*	47.2	335.3	77,700	155,000*	250
255	36.2	309.3	94,100	123,200*	41.2	322.0	84,300	136,700*	45.6	330.4	74,700	150,200*	255
260	34.2	301.9	90,700	118,600*	39.4	315.8	81,100	131,500*	43.9	325.1	71,700	145,500*	260
270	29.7	285.2	84,300	109,900*	35.5	302.2	75,100	121,700*	40.4	313.6	66,200	134,500*	270
280	24.5	264.7	78,200	101,100*	31.2	286.4	69,600	112,800*	36.7	300.6	61,000	124,500*	280
290	17.8	237.3	72,400	92,600*	26.3	267.4	64,300	104,400*	32.5	285.5	56,100	115,400*	290
300					20.2	242.8	59,200	95,900*	27.8	267.4	51,500	107,000*	300
310					11.1	204.3	54,100	87,200*	22.1	244.8	47,100	98,600*	310
320									14.3	212.3	42,700	90,200*	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
 599,800 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

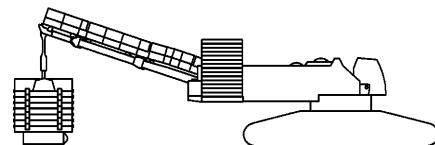
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
205	56.1	386.9	133,600	157,800*									205
210	54.8	383.3	128,400	152,800*									210
215	53.5	379.6	123,500	147,800*	57.0	384.6	111,300	159,300*					215
220	52.1	375.6	118,800	142,900*	55.7	381.1	107,000	154,700*					220
225	50.8	371.5	114,400	138,000*	54.4	377.5	102,800	150,000*					225
230	49.4	367.2	110,100	133,300*	53.0	373.7	98,800	145,400*					230
235	47.9	362.6	106,000	128,600*	51.7	369.7	95,000	140,700*					235
240	46.5	357.8	102,100	124,000*	50.3	365.5	91,300	136,100*					240
245	44.9	352.8	98,300	119,500*	48.9	361.1	87,800	131,500*	52.4	366.3	77,500	141,300*	245
250	43.4	347.4	94,700	115,200*	47.4	356.4	84,400	127,000*	51.1	362.2	74,400	137,100*	250
255	41.8	341.8	91,200	110,900*	45.9	351.5	81,200	122,600*	49.7	357.9	71,300	132,900*	255
260	40.1	335.8	87,900	106,800*	44.4	346.4	78,100	118,300*	48.2	353.4	68,400	128,700*	260
270	36.7	322.7	81,600	98,800*	41.2	335.2	72,100	109,800*	45.3	343.6	62,900	120,200*	270
280	32.8	307.7	75,700	91,400*	37.8	322.6	66,600	101,800*	42.1	332.8	57,800	112,000*	280
290	28.5	290.2	70,100	84,400*	34.1	308.3	61,500	94,300*	38.8	320.6	53,000	104,100*	290
300	23.5	268.7	64,800	77,900*	30.0	291.7	56,600	87,200*	35.2	306.8	48,500	96,600*	300
310	17.1	240.2	59,800	71,900*	25.3	271.7	52,000	80,500*	31.2	291.0	44,300	89,500*	310
320					19.4	246.1	47,600	74,400*	26.7	272.1	40,200	82,700*	320
330					10.7	206.0	43,100	68,900*	21.2	248.4	36,300	76,500*	330
340									13.7	214.6	32,500	70,900*	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
599,800 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	70 Degree Boom Angle				65 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	
225	57.2	402.0	98,500	126,600*					225
230	56.0	398.5	94,500	122,400*					230
235	54.8	395.0	90,700	118,200*					235
240	53.5	391.2	87,100	114,200*					240
245	52.3	387.3	83,600	109,900*					245
250	51.0	383.2	80,200	105,900*					250
255	49.7	378.9	77,000	101,900*	53.0	383.8	66,900	110,800*	255
260	48.4	374.4	73,900	98,000*	51.7	379.9	64,000	107,000*	260
270	45.6	364.8	68,100	90,300*	49.1	371.3	58,600	99,400*	270
280	42.7	354.2	62,600	83,000*	46.4	361.9	53,500	92,000*	280
290	39.7	342.4	57,600	76,100*	43.6	351.6	48,800	84,900*	290
300	36.4	329.1	52,800	69,500*	40.6	340.1	44,400	78,000*	300
310	32.9	314.1	48,300	63,200*	37.4	327.3	40,200	71,400*	310
320	28.9	296.8	44,100	57,300*	33.9	312.9	36,300	65,100*	320
330	24.3	275.9	40,000	51,800*	30.1	296.2	32,600	59,200*	330
340	18.7	249.3	36,100	46,700*	25.7	276.5	29,000	53,600*	340
350	10.2	207.7	32,100	42,200*	20.4	251.9	25,600	48,400*	350
360					13.2	216.7	22,100	43,800*	360

160 Ft. Boom, 310 Ft. Luffing Jib

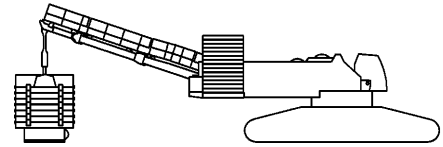
Jib Oper. Rad. Feet	70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
235	57.4	419.3	87,300	103,500*					235
240	56.2	415.9	83,700	99,600*					240
245	55.1	412.4	80,200	95,900*					245
250	54.0	408.7	76,900	92,000*					250
255	52.8	404.9	73,700	88,200*					255
260	51.6	400.9	70,600	84,500*					260
270	49.2	392.4	64,800	77,200*	52.3	397.5	55,100	85,600*	270
280	46.7	383.0	59,400	70,200*	49.9	389.1	50,100	78,600*	280
290					47.4	380.1	45,400	71,700*	290
300					44.8	370.1	41,000	65,200*	300
310					42.0	359.2	36,900	58,700*	310
320					39.2	347.2	33,100	52,700*	320
330					36.1	333.8	29,400	46,900*	330
340					32.7	318.7	26,000	41,500*	340
350					29.0	301.3	22,700	36,400*	350
360					24.8	280.8	19,500	31,500*	360
370					19.7	255.3	16,400	27,000*	370
380					12.7	218.8	13,300	22,900*	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
 599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
105	59.9	260.2	370,900	486,900*									105
110	56.0	256.7	350,300	463,500*									110
115	51.9	252.6	331,500	442,100*									115
120	47.5	247.9	314,400	422,400*									120
125	42.8	242.4	298,500	404,100*	55.9	251.5	279,400	391,400*					125
130	37.5	235.7	283,900	387,200*	51.8	247.4	265,900	375,200*					130
135	31.4	227.5	270,200	371,400*	47.5	242.7	253,300	360,000*					135
140	23.8	216.6	257,200	356,500*	42.7	237.2	241,500	345,900*					140
145	10.8	196.8	244,200	293,300*	37.4	230.5	230,500	332,600*	51.3	240.6	215,000	322,200*	145
150					31.3	222.3	220,200	320,200*	46.9	235.8	205,500	310,200*	150
155					23.6	211.3	210,200	308,300*	42.1	230.1	196,600	299,000*	155
160					10.4	191.1	200,000	296,600*	36.8	223.3	188,100	288,400*	160
165									30.5	214.9	180,000	278,400*	165
170									22.5	203.3	172,200	268,700*	170
175									6.4	178.5	163,600	258,800*	175

180 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
110	62.9	280.5	348,800	461,500*									110
115	59.9	277.5	330,200	440,300*									115
120	56.8	274.1	313,200	420,700*									120
125	53.5	270.3	297,600	402,700*									125
130	50.1	266.0	283,300	386,000*									130
135	46.4	261.1	270,000	370,400*	56.7	269.0	251,500	358,100*					135
140	42.5	255.6	257,600	356,000*	53.4	265.1	240,000	344,200*					140
145	38.3	249.1	246,100	342,400*	50.0	260.8	229,300	331,100*					145
150	33.6	241.6	235,300	329,700*	46.4	255.9	219,300	318,900*					150
155	28.1	232.3	225,000	317,700*	42.5	250.4	210,000	307,500*					155
160	21.2	220.0	215,200	306,300*	38.2	243.9	201,100	296,700*	49.6	253.9	186,500	286,700*	160
165	9.4	197.9	205,200	249,500*	33.5	236.3	192,800	286,500*	45.9	249.0	178,800	277,000*	165
170					28.0	227.0	184,800	276,800*	42.0	243.3	171,500	267,700*	170
175					21.0	214.6	177,000	267,500*	37.7	236.8	164,600	258,900*	175
180					9.0	192.1	169,000	258,200*	32.9	229.0	158,000	250,600*	180
185									27.3	219.4	151,700	242,600*	185
190									20.1	206.5	145,400	234,800*	190
195									5.3	178.6	138,500	226,800*	195

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

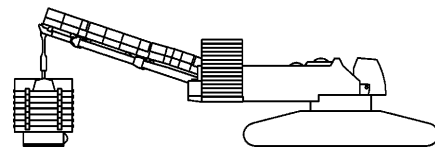
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



180 Ft. Boom, 130 Ft. Luffing Jib

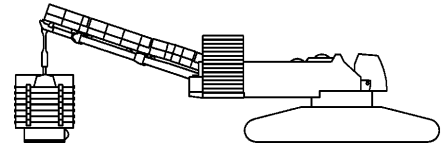
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
120	62.5	297.8	309,500	417,200*									120
125	59.9	294.8	294,000	399,200*									125
130	57.3	291.5	279,800	382,600*									130
135	54.6	287.9	266,600	367,300*									135
140	51.7	283.8	254,400	352,900*									140
145	48.8	279.3	243,100	339,500*	57.2	286.4	225,200	327,500*					145
150	45.7	274.3	232,500	327,000*	54.5	282.7	215,400	315,500*					150
155	42.4	268.8	222,700	315,300*	51.7	278.7	206,200	304,100*					155
160	38.8	262.5	213,400	304,200*	48.7	274.2	197,600	293,500*					160
165	34.9	255.3	204,600	293,800*	45.6	269.2	189,500	283,500*					165
170	30.6	246.8	196,300	283,600*	42.3	263.6	181,800	274,000*	51.3	271.8	167,300	264,200*	170
175	25.6	236.6	188,300	269,200*	38.8	257.3	174,600	265,000*	48.4	267.3	160,700	255,500*	175
180	19.3	223.1	180,600	255,000*	34.9	250.1	167,700	256,500*	45.2	262.2	154,300	247,400*	180
185	8.4	198.9	172,700	205,500*	30.6	241.6	161,100	248,400*	41.9	256.5	148,300	239,600*	185
190					25.5	231.3	154,800	240,600*	38.3	250.1	142,600	232,200*	190
195					19.1	217.7	148,600	233,100*	34.4	242.8	137,100	225,200*	195
200					8.0	193.1	142,100	221,800*	30.0	234.2	131,800	218,400*	200
205									24.9	223.6	126,700	211,900*	205
210									18.2	209.4	121,600	205,600*	210
215									4.5	178.7	115,900	199,000*	215

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
 599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
130	62.2	315.1	277,300	380,200*									130
135	59.9	312.1	264,200	364,900*									135
140	57.7	308.9	252,100	350,700*									140
145	55.3	305.4	240,900	337,300*									145
150	52.9	301.5	230,400	324,900*									150
155	50.4	297.3	220,600	313,200*	57.6	303.8	203,500	301,700*					155
160	47.8	292.6	211,500	302,300*	55.3	300.2	195,000	291,100*					160
165	45.1	287.6	202,900	292,000*	52.9	296.3	187,000	281,200*					165
170	42.2	282.0	194,800	282,200*	50.4	292.1	179,400	271,800*					170
175	39.2	275.8	187,100	270,800*	47.8	287.5	172,300	262,900*					175
180	35.9	268.8	179,800	257,700*	45.0	282.4	165,600	254,500*	52.6	289.5	151,500	244,900*	180
185	32.3	260.9	172,900	245,400*	42.2	276.8	159,200	246,600*	50.1	285.2	145,600	237,300*	185
190	28.3	251.7	166,300	234,000*	39.1	270.6	153,200	239,000*	47.5	280.6	140,000	230,000*	190
195	23.7	240.6	160,000	223,400*	35.9	263.6	147,400	231,800*	44.7	275.4	134,700	223,100*	195
200	17.8	225.9	153,800	211,100*	32.3	255.7	141,900	224,900*	41.8	269.8	129,600	216,400*	200
205					28.3	246.4	136,600	218,300*	38.8	263.5	124,800	210,100*	205
210					23.6	235.3	131,400	211,900*	35.5	256.4	120,100	204,100*	210
215					17.7	220.6	126,400	205,700*	31.8	248.3	115,700	198,300*	215
220					7.3	193.9	120,900	186,500*	27.8	238.9	111,300	192,700*	220
225									23.0	227.4	107,100	187,300*	225
230									16.8	212.1	102,900	182,100*	230
235									3.9	178.7	98,000	176,500*	235

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

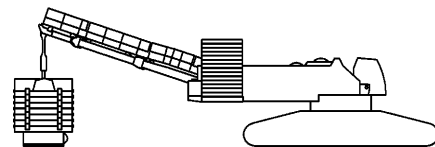
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



180 Ft. Boom, 170 Ft. Luffing Jib

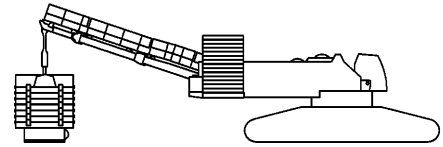
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
140	61.9	332.4	248,100	347,000*									140
145	59.9	329.5	236,900	333,800*									145
150	57.9	326.3	226,500	321,400*									150
155	55.9	322.8	216,800	309,800*									155
160	53.8	319.1	207,700	298,900*									160
165	51.6	315.0	199,100	288,700*	57.9	321.1	182,500	277,500*					165
170	49.4	310.7	191,100	279,000*	55.9	317.7	175,100	268,200*					170
175	47.1	305.9	183,600	269,300*	53.8	313.9	168,100	259,400*					175
180	44.7	300.8	176,400	256,200*	51.6	309.9	161,400	251,000*					180
185	42.1	295.2	169,700	244,000*	49.3	305.5	155,200	243,100*					185
190	39.5	289.1	163,300	232,800*	47.0	300.8	149,200	235,600*					190
195	36.6	282.3	157,200	222,300*	44.6	295.6	143,600	228,500*	51.3	303.0	130,200	219,400*	195
200	33.6	274.7	151,300	212,500*	42.1	290.0	138,200	221,700*	49.1	298.6	125,200	212,800*	200
205	30.2	266.1	145,800	203,300*	39.4	283.9	133,100	215,300*	46.8	293.8	120,500	206,600*	205
210	26.5	256.2	140,400	194,700*	36.6	277.1	128,200	209,100*	44.3	288.6	116,000	200,700*	210
215	22.1	244.2	135,200	186,500*	33.5	269.5	123,500	203,100*	41.8	283.0	111,700	195,000*	215
220	16.6	228.6	130,100	175,900*	30.2	260.9	119,000	197,500*	39.1	276.8	107,500	189,500*	220
225					26.4	251.0	114,600	192,000*	36.2	269.9	103,500	184,300*	225
230					22.0	239.0	110,300	186,700*	33.1	262.2	99,700	179,300*	230
235					16.5	223.2	106,100	178,600*	29.8	253.5	96,000	174,500*	235
240					6.7	194.7	101,500	157,000*	25.9	243.3	92,400	169,800*	240
245									21.5	231.0	88,900	165,300*	245
250									15.7	214.6	85,300	160,800*	250
255									3.5	178.8	81,100	156,000*	255

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
 599,800 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

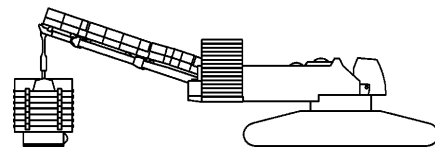
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
150	61.7	349.7	223,600	318,800*									150
155	59.9	346.8	213,900	307,300*									155
160	58.2	343.6	204,900	296,400*									160
165	56.3	340.2	196,400	286,200*									165
170	54.5	336.6	188,400	276,600*									170
175	52.6	332.7	180,900	267,500*									175
180	50.6	328.5	173,800	255,000*	56.3	335.1	158,400	248,400*					180
185	48.6	324.0	167,100	242,800*	54.4	331.4	152,200	240,600*					185
190	46.5	319.2	160,800	231,600*	52.5	327.5	146,300	233,100*					190
195	44.3	314.0	154,800	221,100*	50.6	323.4	140,700	226,100*					195
200	42.0	308.4	149,000	211,400*	48.5	318.9	135,400	219,300*					200
205	39.7	302.3	143,600	202,200*	46.4	314.0	130,300	212,900*	52.3	320.7	117,300	204,000*	205
210	37.2	295.7	138,400	193,700*	44.3	308.9	125,500	206,800*	50.3	316.5	112,900	198,100*	210
215	34.5	288.4	133,400	185,700*	42.0	303.2	120,900	200,900*	48.3	312.0	108,600	192,500*	215
220	31.6	280.3	128,600	178,100*	39.6	297.1	116,500	195,300*	46.2	307.1	104,600	187,100*	220
225	28.5	271.1	124,000	170,900*	37.1	290.5	112,300	190,000*	44.0	301.9	100,700	181,900*	225
230	24.9	260.5	119,600	164,100*	34.5	283.2	108,200	184,800*	41.7	296.2	96,900	177,000*	230
235	20.8	247.7	115,200	157,500*	31.6	275.0	104,300	178,200*	39.3	290.0	93,400	172,200*	235
240	15.6	231.1	110,900	148,300*	28.4	265.9	100,500	171,100*	36.8	283.3	89,900	167,700*	240
245					24.9	255.2	96,900	164,300*	34.1	275.9	86,600	163,300*	245
250					20.7	242.4	93,300	157,900*	31.2	267.7	83,300	159,000*	250
255					15.5	225.7	89,700	150,800*	28.0	258.3	80,200	154,900*	255
260					6.2	195.5	85,700	133,400*	24.4	247.5	77,200	150,900*	260
270									14.7	217.0	71,100	143,200*	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
599,800 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

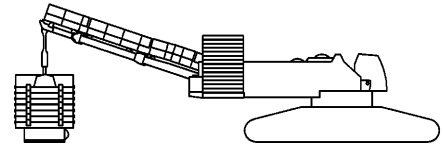
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
160	61.5	367.1	200,700	278,100*									160
165	60.0	364.1	192,200	272,600*									165
170	58.3	361.0	184,300	266,700*									170
175	56.7	357.6	176,800	260,600*									175
180	55.0	354.1	169,800	252,800*									180
185	53.3	350.3	163,100	240,600*									185
190	51.6	346.2	156,900	229,300*	56.7	352.5	141,800	229,500*					190
195	49.8	342.0	150,900	218,800*	55.0	348.9	136,300	222,400*					195
200	47.9	337.4	145,200	209,100*	53.3	345.1	131,000	215,800*					200
205	46.0	332.5	139,800	200,000*	51.5	341.1	126,000	209,400*					205
210	44.0	327.2	134,700	191,400*	49.7	336.8	121,300	203,300*					210
215	42.0	321.6	129,800	183,400*	47.9	332.2	116,700	197,500*					215
220	39.8	315.6	125,100	175,900*	46.0	327.3	112,400	192,000*	51.3	334.2	100,000	183,400*	220
225	37.6	309.1	120,600	168,800*	44.0	322.1	108,300	186,600*	49.5	329.9	96,100	178,300*	225
230	35.2	302.0	116,300	162,100*	42.0	316.5	104,300	181,500*	47.7	325.3	92,500	173,400*	230
235	32.7	294.1	112,200	155,700*	39.8	310.4	100,500	175,900*	45.8	320.4	89,000	168,700*	235
240	30.0	285.5	108,200	149,700*	37.6	303.9	96,800	168,800*	43.8	315.1	85,600	164,200*	240
245	27.0	275.7	104,300	143,900*	35.2	296.7	93,300	162,200*	41.7	309.4	82,400	159,900*	245
250	23.6	264.5	100,600	138,400*	32.7	288.9	89,900	155,800*	39.6	303.3	79,200	155,700*	250
255	19.7	251.1	96,900	132,600*	29.9	280.3	86,600	149,800*	37.3	296.7	76,200	151,700*	255
260	14.7	233.5	93,200	124,700*	26.9	270.5	83,400	144,100*	34.9	289.5	73,300	147,800*	260
270					19.6	245.7	77,200	133,100*	29.6	272.8	67,700	140,400*	270
280					5.8	196.3	70,700	112,700*	23.2	251.4	62,400	133,500*	280
290									13.9	219.2	57,200	126,800*	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
 599,800 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

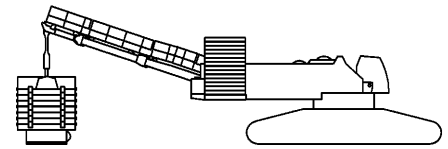
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
165	62.8	387.2	189,100	239,000*									165
170	61.4	384.4	181,200	239,000*									170
175	60.0	381.4	173,800	235,400*									175
180	58.5	378.3	166,800	229,900*									180
185	57.0	375.0	160,100	224,300*									185
190	55.5	371.5	153,900	218,600*									190
195	53.9	367.8	147,900	212,800*									195
200	52.3	363.9	142,300	206,600*	57.0	369.9	127,800	213,100*					200
205	50.7	359.7	136,900	197,500*	55.5	366.4	122,800	206,700*					205
210	49.1	355.4	131,800	189,000*	53.9	362.7	118,100	200,700*					210
215	47.4	350.7	127,000	181,000*	52.3	358.7	113,600	194,900*					215
220	45.6	345.7	122,300	173,500*	50.7	354.6	109,300	189,400*					220
225	43.8	340.5	117,900	166,400*	49.0	350.2	105,200	184,100*					225
230	41.9	334.9	113,600	159,800*	47.3	345.5	101,200	179,000*	52.1	351.9	89,100	170,700*	230
235	40.0	328.9	109,600	153,400*	45.6	340.6	97,500	173,500*	50.5	347.7	85,700	166,000*	235
240	38.0	322.4	105,600	147,500*	43.8	335.3	93,900	166,400*	48.8	343.3	82,300	161,600*	240
245	35.8	315.4	101,900	141,800*	41.9	329.7	90,400	159,800*	47.1	338.6	79,100	157,300*	245
250	33.6	307.9	98,300	136,400*	40.0	323.7	87,000	153,500*	45.4	333.6	76,100	153,100*	250
255	31.2	299.6	94,800	131,200*	37.9	317.2	83,800	147,500*	43.6	328.3	73,100	149,100*	255
260	28.6	290.5	91,400	126,300*	35.8	310.2	80,700	141,900*	41.7	322.7	70,200	145,300*	260
270	22.5	268.4	84,900	117,000*	31.1	294.4	74,800	131,400*	37.7	310.1	64,800	138,000*	270
280	14.0	235.8	78,600	105,200*	25.7	274.9	69,200	121,800*	33.3	295.4	59,800	131,200*	280
290					18.7	248.9	63,900	112,500*	28.2	277.7	55,000	124,800*	290
300					5.5	197.0	58,200	95,300*	22.1	255.2	50,400	117,000*	300
310									13.3	221.3	45,800	107,300*	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
599,800 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

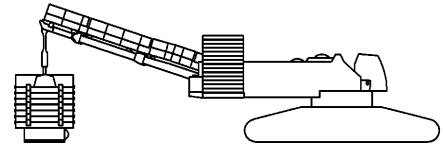
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
175	62.6	404.5	169,500	204,400*									175
180	61.3	401.7	162,500	204,400*									180
185	60.0	398.7	155,900	200,500*									185
190	58.6	395.6	149,700	195,400*									190
195	57.2	392.4	143,800	190,200*									195
200	55.9	388.9	138,200	185,000*									200
205	54.4	385.3	132,900	179,700*									205
210	53.0	381.5	127,800	174,500*	57.2	387.2	113,600	187,500*					210
215	51.5	377.5	123,000	169,200*	55.8	383.8	109,100	182,900*					215
220	50.0	373.2	118,300	164,000*	54.4	380.2	104,900	178,200*					220
225	48.5	368.7	113,900	158,900*	53.0	376.4	100,800	173,400*					225
230	46.9	364.0	109,700	153,800*	51.5	372.3	96,900	168,600*					230
235	45.3	359.0	105,700	148,800*	50.0	368.1	93,200	163,600*					235
240	43.6	353.7	101,800	143,900*	48.5	363.6	89,600	158,800*	52.8	369.5	77,700	157,900*	240
245	41.9	348.1	98,100	139,100*	46.9	358.9	86,200	153,900*	51.3	365.5	74,500	153,600*	245
250	40.1	342.1	94,600	133,700*	45.3	353.9	82,900	148,900*	49.8	361.2	71,500	149,500*	250
255	38.2	335.7	91,100	128,600*	43.6	348.5	79,700	144,300*	48.3	356.7	68,600	145,600*	255
260	36.3	328.9	87,800	123,700*	41.9	342.9	76,700	139,100*	46.7	351.9	65,800	141,800*	260
270	32.1	313.5	81,500	114,600*	38.2	330.5	70,900	128,600*	43.4	341.5	60,500	134,600*	270
280	27.3	295.2	75,600	106,200*	34.2	316.3	65,500	119,100*	39.9	329.9	55,500	127,900*	280
290	21.5	272.0	70,000	98,100*	29.8	299.6	60,400	110,400*	36.0	316.5	50,900	121,600*	290
300	13.4	238.0	64,500	87,800*	24.6	279.2	55,600	102,400*	31.8	301.0	46,500	114,300*	300
310					17.9	251.9	50,900	94,300*	27.0	282.4	42,300	106,000*	310
320					5.2	197.7	45,900	79,600*	21.1	258.8	38,300	98,400*	320
330									12.7	223.4	34,300	89,900*	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
 599,800 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

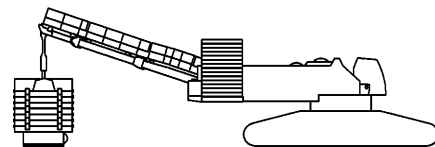
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
200	58.7	413.0	135,000	159,700*									200
205	57.5	409.7	129,700	155,100*									205
210	56.2	406.4	124,600	150,300*									210
215	54.9	402.8	119,800	145,700*									215
220	53.5	399.0	115,200	141,100*	57.4	404.6	101,500	153,000*					220
225	52.2	395.1	110,800	136,500*	56.1	401.2	97,400	148,800*					225
230	50.8	391.0	106,700	132,000*	54.8	397.6	93,600	144,500*					230
235	49.4	386.6	102,600	127,600*	53.5	393.9	89,900	140,200*					235
240	48.0	382.1	98,800	123,200*	52.2	390.0	86,300	135,900*					240
245	46.5	377.3	95,100	118,900*	50.8	385.8	82,900	131,600*					245
250	45.0	372.3	91,600	114,700*	49.4	381.5	79,600	127,300*					250
255	43.5	366.9	88,200	110,600*	48.0	377.0	76,500	123,100*	52.0	383.1	65,100	133,600*	255
260	41.9	361.3	84,900	106,600*	46.5	372.1	73,500	119,000*	50.6	379.0	62,400	129,600*	260
270	38.5	349.0	78,700	99,000*	43.4	361.8	67,800	110,900*	47.8	370.0	57,100	121,800*	270
280	34.9	335.1	72,900	91,700*	40.2	350.2	62,400	103,100*	44.8	360.1	52,200	114,000*	280
290	30.8	319.0	67,500	84,800*	36.7	337.1	57,500	95,700*	41.6	349.1	47,700	106,400*	290
300	26.2	299.8	62,400	78,400*	32.9	322.1	52,800	88,700*	38.3	336.7	43,400	99,000*	300
310	20.7	275.5	57,500	72,400*	28.6	304.6	48,400	82,100*	34.6	322.7	39,300	92,000*	310
320	12.8	240.1	52,600	67,000*	23.6	283.2	44,100	75,900*	30.5	306.4	35,500	85,300*	320
330					17.2	254.7	40,000	70,200*	25.9	286.9	31,800	79,000*	330
340					5.0	198.3	35,500	65,300*	20.2	262.2	28,300	73,100*	340
350									12.1	225.4	24,700	67,800*	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
599,800 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	70 Degree Boom Angle				65 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	
230	57.6	422.0	89,100	126,600*					230
235	56.4	418.6	85,400	122,600*					235
240	55.2	415.1	81,900	118,600*					240
245	54.0	411.4	78,500	114,600*					245
250	52.7	407.6	75,300	110,600*					250
255	51.5	403.5	72,200	106,800*					255
260	50.2	399.3	69,200	102,800*					260
270	47.5	390.3	63,500	95,100*	51.3	396.7	52,600	105,000*	270
280	44.7	380.4	58,300	87,700*	48.7	388.0	47,700	97,700*	280
290	41.8	369.4	53,400	80,600*	46.0	378.5	43,200	90,500*	290
300	38.7	357.1	48,800	73,900*	43.1	368.0	39,000	83,600*	300
310	35.3	343.4	44,500	67,400*	40.1	356.4	35,100	76,800*	310
320	31.6	327.7	40,400	61,300*	36.8	343.3	31,300	70,300*	320
330	27.5	309.4	36,500	55,600*	33.3	328.6	27,800	64,200*	330
340	22.7	287.1	32,800	50,200*	29.4	311.5	24,400	58,300*	340
350	16.5	257.5	29,100	45,300*	24.9	291.2	21,200	52,800*	350
360	4.8	198.9	25,100	41,100*	19.5	265.5	18,100	47,700*	360
370					11.7	227.2	14,900	43,200*	370

180 Ft. Boom, 310 Ft. Luffing Jib

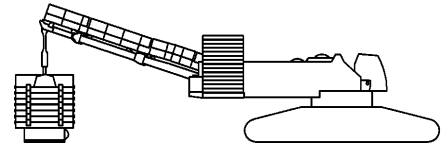
Jib Oper. Rad. Feet	70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
240	57.8	439.3	78,400	103,700*					240
245	56.7	436.0	75,100	100,000*					245
250	55.5	432.5	71,900	96,300*					250
255	54.4	428.9	68,800	92,700*					255
260	53.2	425.1	65,800	89,000*					260
270	50.9	417.1	60,200	81,700*					270
280	48.4	408.3	55,000	74,700*	51.9	414.4	44,200	83,800*	280
290	45.8	398.7	50,100	67,900*	49.5	405.9	39,800	77,100*	290
300	43.2	388.2	45,500	61,200*	47.0	396.7	35,600	70,400*	300
310	40.3	376.7	41,300	55,100*	44.4	386.6	31,700	64,000*	310
320	37.3	363.9	37,300	49,200*	41.6	375.6	28,000	57,700*	320
330	34.1	349.5	33,500	43,600*	38.7	363.3	24,500	51,800*	330
340	30.6	333.1	29,900	38,300*	35.6	349.7	21,300	46,100*	340
350	26.6	314.0	26,400	33,300*	32.2	334.3	18,100	40,700*	350
360	21.9	290.9	23,100	28,600*	28.4	316.5	15,100	35,600*	360
370	15.9	260.2	19,800	24,300*	24.1	295.4	12,300	30,900*	370
380	4.6	199.6	16,200	20,700*	18.8	268.8	9,400	26,400*	380
390					11.3	229.1	6,500	22,400*	390

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
 599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
110	60.0	279.6	343,900	456,300*									110
115	56.1	276.1	325,500	435,200*									115
120	52.1	272.1	308,600	415,800*									120
125	47.7	267.4	293,100	397,900*									125
130	43.0	261.9	278,800	381,300*	57.4	271.7	257,400	367,100*					130
135	37.7	255.3	265,400	365,800*	53.4	267.8	245,200	352,300*					135
140	31.7	247.2	253,000	351,300*	49.1	263.3	233,900	338,500*					140
145	24.1	236.4	241,100	337,600*	44.5	258.1	223,300	325,600*					145
150	11.6	217.4	229,200	300,300*	39.4	251.9	213,400	313,500*					150
155					33.7	244.4	204,000	302,100*	50.0	257.3	187,300	290,800*	155
160					26.7	234.6	195,000	291,200*	45.5	252.2	179,300	280,600*	160
165					16.8	219.8	186,100	280,700*	40.5	246.3	171,700	270,900*	165
170									34.9	239.0	164,500	261,700*	170
175									28.3	229.9	157,500	252,900*	175
180									19.3	216.7	150,600	244,400*	180

200 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
120	60.0	296.9	307,000	413,900*									120
125	56.9	293.5	291,700	396,200*									125
130	53.6	289.7	277,600	379,700*									130
135	50.2	285.5	264,600	364,500*									135
140	46.6	280.6	252,500	350,300*	57.9	289.1	231,800	336,500*					140
145	42.7	275.1	241,200	337,000*	54.7	285.4	221,500	323,800*					145
150	38.5	268.7	230,700	324,500*	51.3	281.3	211,800	311,800*					150
155	33.7	261.2	220,700	312,800*	47.7	276.6	202,800	300,600*					155
160	28.3	252.0	211,300	301,700*	43.9	271.3	194,200	290,100*					160
165	21.5	239.8	202,200	291,100*	39.8	265.2	186,200	280,200*	52.0	275.1	169,600	269,000*	165
170	10.1	218.6	193,000	259,200*	35.3	258.1	178,600	270,700*	48.5	270.6	162,700	260,000*	170
175					30.1	249.5	171,300	261,800*	44.7	265.4	156,200	251,500*	175
180					23.8	238.5	164,300	253,200*	40.7	259.5	150,000	243,400*	180
185					14.9	222.0	157,200	244,800*	36.3	252.6	144,000	235,700*	185
190									31.3	244.4	138,300	228,400*	190
195									25.3	234.0	132,800	221,300*	195
200									17.2	219.3	127,200	214,400*	200

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

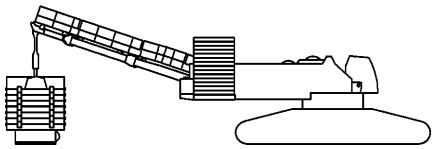
320,000 Lb. Carbody Counterweight

599,800 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

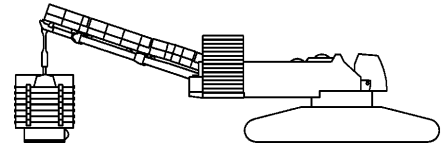
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
125	62.6	317.2	287,700	392,500*									125
130	60.0	314.2	273,800	376,200*									130
135	57.4	311.0	260,900	361,100*									135
140	54.7	307.3	248,900	347,000*									140
145	51.8	303.3	237,800	333,800*									145
150	48.9	298.8	227,500	321,500*									150
155	45.8	293.8	217,800	309,900*	55.5	302.9	198,500	297,000*					155
160	42.5	288.3	208,700	299,100*	52.7	299.0	190,200	286,600*					160
165	38.9	282.0	200,100	288,800*	49.8	294.7	182,400	276,800*					165
170	35.1	274.9	192,000	279,100*	46.8	289.9	175,000	267,600*					170
175	30.8	266.5	184,300	269,900*	43.5	284.5	168,000	258,800*					175
180	25.8	256.3	177,000	261,200*	40.1	278.5	161,400	250,500*	50.4	288.6	145,600	239,800*	180
185	19.5	242.9	169,800	252,700*	36.3	271.6	155,100	242,600*	47.4	283.9	139,900	232,300*	185
190	9.0	219.7	162,400	215,400*	32.2	263.7	149,100	235,100*	44.2	278.6	134,500	225,100*	190
195					27.5	254.2	143,300	227,900*	40.8	272.8	129,300	218,300*	195
200					21.7	242.1	137,600	221,000*	37.1	266.1	124,300	211,800*	200
205					13.4	224.0	131,900	214,100*	33.1	258.4	119,600	205,600*	205
210									28.5	249.3	115,000	199,600*	210
215									23.0	237.9	110,400	193,800*	215
220									15.6	221.7	105,900	188,100*	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
 599,800 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

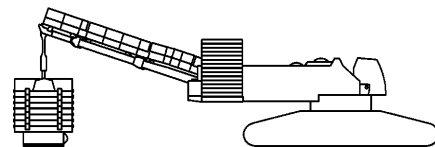
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
135	62.2	334.5	258,300	358,600*									135
140	60.0	331.6	246,400	344,600*									140
145	57.7	328.3	235,400	331,500*									145
150	55.4	324.8	225,100	319,200*									150
155	53.0	320.9	215,500	307,800*									155
160	50.5	316.7	206,500	297,000*									160
165	47.9	312.1	198,100	286,800*	56.1	320.4	179,600	274,400*					165
170	45.2	307.1	190,200	277,300*	53.8	316.6	172,300	265,200*					170
175	42.3	301.5	182,700	268,200*	51.3	312.5	165,400	256,500*					175
180	39.3	295.3	175,600	259,600*	48.7	308.0	158,900	248,300*					180
185	36.0	288.4	168,800	251,500*	46.1	303.1	152,800	240,500*					185
190	32.5	280.5	162,400	243,700*	43.2	297.7	146,900	233,100*	51.8	306.4	131,600	222,700*	190
195	28.5	271.4	156,300	234,400*	40.3	291.7	141,400	226,100*	49.3	302.0	126,500	215,900*	195
200	23.8	260.3	150,300	223,700*	37.1	285.1	136,100	219,400*	46.6	297.1	121,700	209,500*	200
205	18.0	245.9	144,500	213,100*	33.6	277.5	131,000	213,000*	43.8	291.9	117,100	203,400*	205
210	8.2	220.8	138,500	180,600*	29.8	268.8	126,100	206,800*	40.9	286.0	112,700	197,600*	210
215					25.4	258.5	121,400	200,900*	37.8	279.5	108,500	192,000*	215
220					20.1	245.4	116,700	195,100*	34.4	272.1	104,400	186,600*	220
225					12.4	225.8	112,000	189,500*	30.6	263.7	100,500	181,400*	225
230									26.4	253.7	96,700	176,500*	230
235									21.3	241.4	92,900	171,600*	235
240									14.3	223.9	89,100	166,800*	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
599,800 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

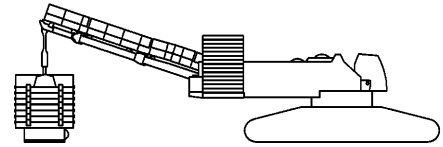
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
145	62.0	351.9	231,100	327,800*									145
150	60.0	348.9	220,900	315,600*									150
155	58.0	345.7	211,400	304,200*									155
160	56.0	342.2	202,500	293,500*									160
165	53.9	338.5	194,100	283,400*									165
170	51.7	334.5	186,300	273,900*									170
175	49.5	330.1	178,900	264,900*	56.6	337.8	160,900	252,700*					175
180	47.2	325.4	171,900	256,400*	54.5	334.1	154,400	244,600*					180
185	44.7	320.3	165,300	248,400*	52.4	330.2	148,400	236,900*					185
190	42.2	314.7	159,000	240,700*	50.2	326.0	142,700	229,600*					190
195	39.6	308.6	153,000	233,400*	47.9	321.4	137,200	222,600*					195
200	36.7	301.9	147,400	223,000*	45.5	316.4	132,000	216,000*	52.8	324.0	116,900	205,700*	200
205	33.7	294.3	141,900	213,100*	43.0	310.9	127,100	209,700*	50.6	319.8	112,400	199,700*	205
210	30.3	285.8	136,700	203,900*	40.4	305.0	122,400	203,700*	48.4	315.3	108,200	193,900*	210
215	26.6	275.9	131,700	195,200*	37.6	298.5	117,800	197,900*	46.0	310.4	104,100	188,400*	215
220	22.3	264.0	126,800	187,000*	34.7	291.2	113,500	192,300*	43.6	305.1	100,100	183,100*	220
225	16.8	248.6	122,000	177,700*	31.4	283.0	109,300	187,000*	41.0	299.2	96,400	178,100*	225
230	7.6	221.8	117,000	151,700*	27.9	273.6	105,300	181,900*	38.2	292.8	92,700	173,200*	230
235					23.7	262.5	101,400	176,900*	35.3	285.7	89,200	168,600*	235
240					18.7	248.4	97,500	172,100*	32.1	277.8	85,900	164,100*	240
245					11.5	227.6	93,500	167,300*	28.6	268.6	82,600	159,700*	245
250									24.6	257.9	79,400	155,500*	250
255									19.9	244.6	76,200	151,400*	255
260									13.3	226.0	73,000	147,300*	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
 599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
155	61.8	369.2	208,400	301,600*									155
160	60.0	366.2	199,500	290,900*									160
165	58.2	363.0	191,200	280,800*									165
170	56.4	359.7	183,400	271,400*									170
175	54.5	356.0	176,100	262,500*									175
180	52.6	352.1	169,100	254,000*									180
185	50.7	348.0	162,600	246,000*	57.0	355.2	145,200	234,200*					185
190	48.6	343.5	156,400	238,400*	55.1	351.6	139,500	227,000*					190
195	46.6	338.7	150,500	231,200*	53.2	347.8	134,100	220,100*					195
200	44.4	333.5	144,900	221,900*	51.3	343.7	129,000	213,500*					200
205	42.1	327.9	139,500	212,100*	49.3	339.4	124,100	207,200*					205
210	39.8	321.9	134,400	203,000*	47.2	334.7	119,500	201,200*					210
215	37.3	315.2	129,600	194,400*	45.1	329.6	115,000	195,500*	51.7	337.6	100,800	185,700*	215
220	34.6	308.0	124,900	186,300*	42.9	324.2	110,800	190,000*	49.7	333.3	96,900	180,500*	220
225	31.7	299.9	120,400	178,700*	40.5	318.2	106,700	184,800*	47.7	328.6	93,200	175,500*	225
230	28.6	290.7	116,100	171,500*	38.1	311.8	102,800	179,800*	45.5	323.7	89,700	170,700*	230
235	25.1	280.2	112,000	164,600*	35.5	304.7	99,100	175,000*	43.3	318.3	86,300	166,100*	235
240	21.0	267.6	107,900	158,100*	32.7	296.9	95,500	170,300*	41.0	312.5	83,000	161,700*	240
245	15.8	251.1	103,800	149,900*	29.6	288.2	92,000	165,800*	38.6	306.2	79,900	157,400*	245
250	7.1	222.7	99,500	128,600*	26.2	278.1	88,600	161,500*	36.0	299.2	76,800	153,300*	250
255					22.4	266.3	85,200	157,300*	33.3	291.6	73,900	149,400*	255
260					17.6	251.3	81,900	153,200*	30.3	283.0	71,000	145,600*	260
270									23.2	261.9	65,500	138,200*	270
280									12.5	227.9	60,000	131,200*	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

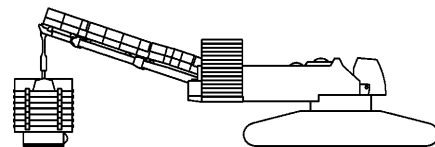
599,800 Lb. Hanging Counterweight

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	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
165	61.6	386.5	186,900	259,600*									165
170	60.0	383.5	179,100	259,600*									170
175	58.4	380.4	171,800	258,900*									175
180	56.8	377.1	164,900	250,500*									180
185	55.1	373.5	158,400	242,500*									185
190	53.4	369.7	152,200	235,000*									190
195	51.6	365.7	146,400	227,800*	57.3	372.5	129,500	216,300*					195
200	49.8	361.4	140,900	219,200*	55.6	369.0	124,400	209,800*					200
205	48.0	356.9	135,600	209,400*	53.9	365.4	119,600	203,500*					205
210	46.1	352.0	130,600	200,300*	52.2	361.4	115,000	197,600*					210
215	44.1	346.8	125,800	191,700*	50.4	357.2	110,600	191,900*					215
220	42.1	341.2	121,200	183,700*	48.6	352.7	106,500	186,500*					220
225	39.9	335.1	116,800	176,100*	46.7	348.0	102,500	181,300*	52.5	355.2	88,400	171,700*	225
230	37.7	328.6	112,600	169,000*	44.7	342.9	98,600	176,400*	50.8	351.1	85,000	167,000*	230
235	35.3	321.5	108,600	162,300*	42.7	337.4	95,000	171,600*	49.0	346.6	81,600	162,400*	235
240	32.8	313.7	104,700	155,900*	40.6	331.5	91,400	167,000*	47.1	341.9	78,400	158,000*	240
245	30.1	305.1	100,900	149,900*	38.4	325.1	88,100	162,600*	45.1	336.9	75,400	153,800*	245
250	27.1	295.4	97,300	144,100*	36.1	318.2	84,800	158,400*	43.1	331.5	72,400	149,800*	250
255	23.8	284.3	93,800	138,600*	33.6	310.7	81,600	154,300*	41.1	325.7	69,600	145,900*	255
260	19.9	270.9	90,300	133,300*	31.0	302.4	78,600	150,300*	38.9	319.5	66,800	142,200*	260
270	6.7	223.6	83,100	108,100*	24.9	282.4	72,700	140,600*	34.1	305.3	61,600	135,000*	270
280					16.7	254.1	67,000	130,100*	28.7	288.0	56,600	128,300*	280
290									22.0	265.6	51,900	122,000*	290
300									11.8	229.8	47,100	115,900*	300

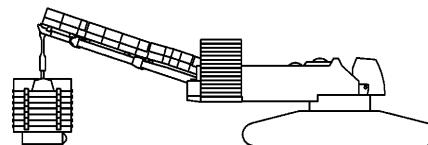


Liftcrane Luffing Jib Capacities

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
 599,800 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

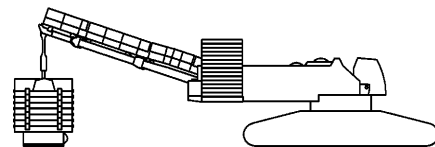
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
170	62.9	406.6	175,900	221,700*									170
175	61.5	403.8	168,600	221,700*									175
180	60.0	400.9	161,800	221,700*									180
185	58.5	397.7	155,300	221,700*									185
190	57.0	394.4	149,100	220,400*									190
195	55.5	391.0	143,300	215,200*									195
200	54.0	387.3	137,800	209,900*									200
205	52.4	383.4	132,600	204,500*	57.5	389.9	116,200	200,800*					205
210	50.8	379.2	127,600	197,800*	56.0	386.5	111,700	194,900*					210
215	49.1	374.8	122,800	189,300*	54.5	382.9	107,300	189,200*					215
220	47.4	370.2	118,300	181,300*	52.9	379.0	103,200	183,900*					220
225	45.7	365.2	114,000	173,800*	51.3	375.0	99,200	178,700*					225
230	43.9	360.0	109,800	166,700*	49.7	370.6	95,400	173,800*					230
235	42.0	354.4	105,800	160,000*	48.0	366.1	91,800	169,000*					235
240	40.1	348.4	102,000	153,700*	46.2	361.2	88,300	164,500*	51.6	368.8	75,000	155,300*	240
245	38.0	342.0	98,300	147,700*	44.5	356.1	85,000	160,100*	50.0	364.5	72,000	151,100*	245
250	35.9	335.0	94,800	142,000*	42.6	350.6	81,800	155,900*	48.3	360.0	69,100	147,100*	250
255	33.6	327.5	91,400	136,600*	40.7	344.7	78,700	151,900*	46.6	355.2	66,300	143,300*	255
260	31.2	319.2	88,100	131,400*	38.7	338.4	75,700	148,000*	44.8	350.1	63,500	139,600*	260
270	25.8	299.9	81,800	121,800*	34.4	324.3	70,000	138,400*	41.1	339.0	58,400	132,500*	270
280	18.9	274.1	75,800	112,800*	29.5	307.5	64,700	128,200*	37.0	326.1	53,600	125,900*	280
290	6.3	224.5	69,500	91,000*	23.7	286.5	59,600	118,900*	32.5	311.0	49,100	119,800*	290
300					15.9	256.7	54,700	110,100*	27.3	292.8	44,800	114,000*	300
310									20.9	269.1	40,700	108,400*	310
320									11.2	231.5	36,500	103,000*	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
599,800 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

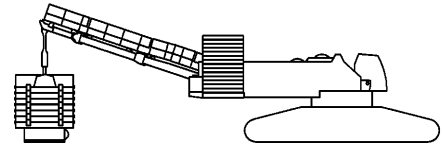
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
180	62.6	423.9	157,400	189,500*									180
185	61.3	421.1	150,900	189,500*									185
190	60.0	418.2	144,800	189,500*									190
195	58.7	415.1	139,000	185,100*									195
200	57.3	411.8	133,600	180,400*									200
205	55.9	408.4	128,300	175,600*									205
210	54.5	404.8	123,400	170,700*									210
215	53.0	401.0	118,700	165,900*	57.7	407.3	102,700	177,600*					215
220	51.6	396.9	114,200	161,100*	56.3	403.9	98,600	174,900*					220
225	50.1	392.7	109,900	156,300*	54.9	400.3	94,700	170,700*					225
230	48.5	388.2	105,800	151,600*	53.5	396.6	90,900	166,300*					230
235	47.0	383.5	101,800	146,900*	52.0	392.6	87,300	161,900*					235
240	45.3	378.5	98,000	142,300*	50.6	388.5	83,900	157,400*					240
245	43.7	373.2	94,400	137,800*	49.0	384.1	80,600	152,900*					245
250	42.0	367.6	90,900	133,300*	47.5	379.4	77,400	148,500*	52.3	386.4	64,300	143,400*	250
255	40.2	361.6	87,600	129,000*	45.9	374.5	74,400	144,000*	50.9	382.3	61,500	139,600*	255
260	38.3	355.3	84,300	124,700*	44.2	369.3	71,500	139,600*	49.3	378.0	58,900	135,900*	260
270	34.3	341.1	78,200	116,600*	40.7	358.0	65,900	131,000*	46.2	368.5	53,900	128,900*	270
280	29.9	324.5	72,500	108,700*	37.0	345.1	60,700	122,600*	42.9	358.0	49,200	122,400*	280
290	24.7	304.1	67,000	101,600*	32.9	330.1	55,800	114,500*	39.3	346.0	44,800	116,300*	290
300	18.1	277.1	61,800	94,700*	28.2	312.4	51,200	107,100*	35.4	332.4	40,700	110,600*	300
310	6.0	225.3	56,300	75,500*	22.7	290.3	46,800	100,000*	31.1	316.5	36,800	105,300*	310
320					15.2	259.2	42,500	92,300*	26.2	297.3	33,000	100,200*	320
330									20.0	272.5	29,400	95,300*	330
340									10.7	233.2	25,700	89,200*	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
 599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
195	61.2	438.4	135,700	163,000*									195
200	60.0	435.5	130,300	161,700*									200
205	58.8	432.4	125,100	157,500*									205
210	57.5	429.2	120,100	153,100*									210
215	56.2	425.8	115,400	148,700*									215
220	54.9	422.2	111,000	144,300*									220
225	53.6	418.5	106,700	139,800*	57.9	424.6	91,200	151,700*					225
230	52.2	414.6	102,600	135,500*	56.6	421.3	87,500	148,100*					230
235	50.9	410.5	98,700	131,100*	55.3	417.8	83,900	144,200*					235
240	49.5	406.1	94,900	126,900*	54.0	414.1	80,500	140,200*					240
245	48.0	401.6	91,300	122,600*	52.7	410.2	77,200	136,100*					245
250	46.6	396.8	87,900	118,400*	51.3	406.2	74,100	132,000*					250
255	45.1	391.8	84,500	114,400*	49.9	401.9	71,100	127,900*					255
260	43.5	386.5	81,300	110,400*	48.5	397.5	68,200	123,800*	52.9	404.0	55,300	133,100*	260
270	40.3	374.9	75,300	102,600*	45.5	387.8	62,700	115,800*	50.2	395.8	50,400	126,100*	270
280	36.8	361.9	69,600	95,200*	42.4	377.0	57,500	108,000*	47.3	386.7	45,700	119,700*	280
290	33.0	347.0	64,400	88,200*	39.1	365.0	52,800	100,500*	44.3	376.6	41,400	112,200*	290
300	28.7	329.5	59,400	81,600*	35.5	351.4	48,300	93,300*	41.1	365.4	37,400	104,900*	300
310	23.7	308.2	54,600	75,400*	31.6	335.7	44,000	86,500*	37.7	352.8	33,600	97,700*	310
320	17.4	280.0	50,000	69,700*	27.1	317.2	40,000	80,100*	34.0	338.4	30,000	90,800*	320
330	5.7	226.1	45,200	62,200*	21.8	294.0	36,100	74,000*	29.9	321.7	26,500	84,300*	330
340					14.5	261.6	32,300	68,500*	25.1	301.6	23,200	78,000*	340
350									19.2	275.8	20,000	72,300*	350
360									10.3	234.9	16,700	67,100*	360

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 140 Ft. Mast No. 56

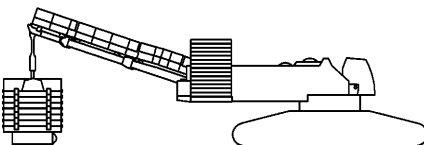
492,000 Lb. Crane Counterweight

320,000 Lb. Carbody Counterweight

599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
215	58.8	449.7	111,100	131,100*									215
220	57.7	446.5	106,700	126,900*									220
225	56.5	443.2	102,400	122,800*									225
230	55.3	439.7	98,400	118,700*									230
235	54.1	436.0	94,500	114,700*									235
240	52.8	432.2	90,700	110,700*	56.9	438.7	75,900	122,400*					240
245	51.5	428.1	87,200	106,700*	55.7	435.2	72,700	118,700*					245
250	50.2	423.9	83,700	102,600*	54.4	431.6	69,600	114,900*					250
255	48.9	419.5	80,400	98,700*	53.2	427.8	66,600	111,100*					255
260	47.6	414.9	77,300	94,900*	51.9	423.8	63,700	107,200*					260
270	44.8	405.0	71,300	87,500*	49.4	415.4	58,300	99,700*					270
280	41.9	394.1	65,700	80,400*	46.7	406.0	53,200	92,300*	50.9	413.5	41,100	102,900*	280
290	38.8	381.9	60,500	73,600*	43.8	395.8	48,500	85,200*	48.3	404.7	36,800	96,000*	290
300	35.4	368.2	55,600	67,100*	40.8	384.5	44,100	78,300*	45.5	395.1	32,800	89,000*	300
310	31.7	352.6	51,000	61,100*	37.6	371.8	39,900	71,700*	42.7	384.4	29,100	82,200*	310
320	27.6	334.3	46,700	55,300*	34.2	357.5	36,000	65,400*	39.6	372.6	25,600	75,600*	320
330	22.8	312.2	42,500	49,900*	30.4	341.1	32,300	59,500*	36.3	359.3	22,300	69,300*	330
340	16.7	282.8	38,500	45,000*	26.1	321.7	28,800	53,900*	32.7	344.2	19,100	63,200*	340
350	5.5	226.9	34,100	40,700*	20.9	297.6	25,300	48,600*	28.8	326.8	16,100	57,500*	350
360					14.0	263.9	21,900	43,900*	24.2	305.8	13,200	52,100*	360
370									18.5	278.9	10,300	47,000*	370
380									9.9	236.4	7,300	42,600*	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

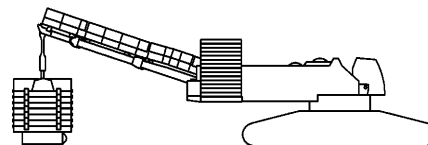
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



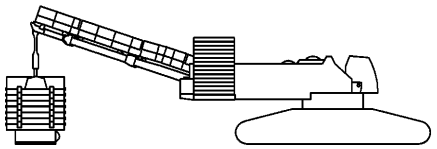
200 Ft. Boom, 310 Ft. Luffing Jib

Jib Oper. Rad. Feet	70 Degree Boom Angle				65 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	
250	57.1	456.0	66,100	100,100*					250
255	56.0	452.6	63,100	96,600*					255
260	54.8	449.0	60,200	93,000*					260
270	52.5	441.5	54,800	86,100*					270
280	50.1	433.2	49,800	79,100*					280
290	47.6	424.2	45,100	72,200*	51.6	431.2	33,200	81,900*	290
300	45.0	414.3	40,800	65,600*	49.1	422.7	29,300	75,600*	300
310	42.3	403.5	36,700	59,200*	46.6	413.3	25,600	69,100*	310
320	39.4	391.6	32,800	53,100*	43.9	403.1	22,100	62,900*	320
330	36.3	378.3	29,200	47,400*	41.2	391.9	18,900	56,700*	330
340	33.0	363.3	25,700	41,900*	38.2	379.4	15,800	50,800*	340
350	29.4	346.2	22,400	36,700*	35.1	365.5	12,800	45,300*	350
360	25.2	326.1	19,300	31,800*	31.6	349.8	10,000	40,000*	360
370	20.2	301.1	16,200	27,300*	27.8	331.6	7,300	34,900*	370
380	13.5	266.1	13,100	23,100*	23.3	309.9	4,700	30,200*	380
390					17.9	282.0	2,200	25,800*	390
400					9.5	238.0		21,900*	400

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
599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
115	60.2	299.0	318,400	427,900*									115
120	56.3	295.6	301,800	408,900*									120
125	52.2	291.5	286,700	391,300*									125
130	47.9	286.9	272,700	375,000*									130
135	43.1	281.4	259,700	359,800*									135
140	37.9	274.9	247,600	345,600*	54.9	288.1	225,200	330,700*					140
145	31.9	266.8	236,200	332,300*	50.7	283.9	215,000	318,100*					145
150	24.4	256.1	225,300	319,700*	46.2	278.9	205,500	306,300*					150
155	12.3	237.8	214,400	296,700*	41.4	273.1	196,500	295,200*					155
160					35.9	266.1	188,000	284,700*	52.9	278.5	169,300	272,100*	160
165					29.5	257.4	179,900	274,700*	48.6	273.9	162,200	262,700*	165
170					21.1	245.1	171,900	265,100*	44.0	268.6	155,400	253,900*	170
175									38.9	262.3	149,000	245,500*	175
180									33.0	254.6	142,800	237,500*	180
185									25.9	244.5	136,700	229,700*	185
190									15.3	228.7	130,500	222,100*	190

220 Ft. Boom, 110 Ft. Luffing Jib

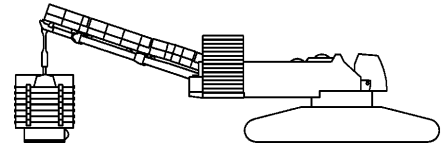
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
125	60.1	316.4	284,900	389,300*									125
130	57.0	313.0	271,100	373,100*									130
135	53.7	309.2	258,400	358,100*									135
140	50.3	304.9	246,500	344,100*									140
145	46.7	300.1	235,500	331,100*									145
150	42.8	294.6	225,200	318,900*	55.9	305.6	203,400	304,200*					150
155	38.6	288.2	215,600	307,400*	52.5	301.6	194,600	293,300*					155
160	33.9	280.8	206,400	296,500*	49.1	297.2	186,500	283,100*					160
165	28.5	271.6	197,800	286,200*	45.4	292.1	178,700	273,400*					165
170	21.7	259.6	189,400	276,400*	41.4	286.4	171,400	264,200*					170
175	10.8	239.2	180,900	255,900*	37.0	279.6	164,500	255,500*	50.9	291.9	146,800	243,500*	175
180					32.1	271.7	157,900	247,300*	47.3	287.2	140,900	235,700*	180
185					26.3	261.7	151,500	239,300*	43.5	281.8	135,300	228,300*	185
190					18.7	248.0	145,200	231,700*	39.4	275.6	130,000	221,200*	190
195									34.8	268.4	124,900	214,500*	195
200									29.5	259.6	119,900	208,000*	200
205									23.1	248.3	115,100	201,700*	205
210									13.5	230.6	110,000	195,500*	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
 599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
130	62.7	336.7	266,900	369,400*									130
135	60.1	333.7	254,300	354,500*									135
140	57.5	330.4	242,600	340,600*									140
145	54.7	326.8	231,700	327,700*									145
150	51.9	322.7	221,600	315,600*									150
155	49.0	318.3	212,200	304,300*									155
160	45.9	313.4	203,300	293,600*	56.5	323.0	182,000	279,300*					160
165	42.6	307.8	194,900	283,500*	53.8	319.3	174,400	269,700*					165
170	39.1	301.6	187,100	274,000*	50.9	315.1	167,300	260,700*					170
175	35.2	294.4	179,600	265,000*	47.9	310.5	160,600	252,200*					175
180	31.0	286.1	172,500	256,500*	44.7	305.4	154,300	244,100*					180
185	26.0	276.0	165,600	248,300*	41.4	299.6	148,200	236,400*	52.4	309.7	130,700	224,500*	185
190	19.8	262.8	159,000	240,400*	37.8	293.1	142,500	229,100*	49.5	305.3	125,600	217,600*	190
195	9.7	240.5	152,100	220,100*	33.8	285.5	137,000	222,100*	46.4	300.4	120,700	211,000*	195
200					29.3	276.7	131,700	215,500*	43.2	295.0	116,000	204,700*	200
205					24.0	265.7	126,500	209,000*	39.7	288.9	111,500	198,700*	205
210					17.0	250.7	121,400	202,700*	35.9	282.0	107,200	192,900*	210
215									31.8	273.9	103,100	187,400*	215
220									26.9	264.2	99,000	182,100*	220
225									21.0	251.7	95,000	176,900*	225
230									12.2	232.4	90,800	171,700*	230

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 140 Ft. Mast No. 56

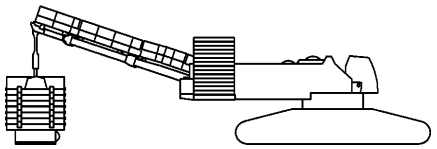
492,000 Lb. Crane Counterweight

320,000 Lb. Carbody Counterweight

599,800 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

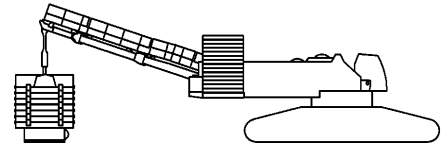
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
140	62.3	354.0	239,900	338,100*									140
145	60.1	351.0	229,100	325,200*									145
150	57.8	347.8	219,000	313,200*									150
155	55.5	344.2	209,700	301,900*									155
160	53.1	340.4	200,900	291,300*									160
165	50.6	336.2	192,600	281,400*									165
170	48.0	331.6	184,900	272,000*	57.0	340.4	164,400	258,200*					170
175	45.3	326.6	177,600	263,100*	54.6	336.8	157,700	249,700*					175
180	42.4	321.0	170,700	254,700*	52.2	332.8	151,500	241,700*					180
185	39.4	314.9	164,100	246,700*	49.7	328.5	145,600	234,100*					185
190	36.1	308.0	157,900	239,100*	47.1	323.8	140,000	226,900*					190
195	32.6	300.1	151,900	231,800*	44.3	318.6	134,600	220,000*					195
200	28.6	291.0	146,200	224,900*	41.4	312.8	129,500	213,500*	51.0	323.2	113,000	202,200*	200
205	24.0	280.1	140,700	218,200*	38.3	306.4	124,700	207,300*	48.5	318.6	108,600	196,300*	205
210	18.2	265.8	135,300	211,500*	34.9	299.2	120,000	201,300*	45.8	313.7	104,500	190,600*	210
215	8.8	241.6	129,600	184,800*	31.3	291.0	115,500	195,600*	42.9	308.2	100,500	185,200*	215
220					27.1	281.3	111,200	190,000*	40.0	302.2	96,700	180,000*	220
225					22.2	269.4	106,900	184,700*	36.7	295.4	93,000	175,100*	225
230					15.7	253.2	102,700	179,500*	33.3	287.8	89,500	170,300*	230
235									29.4	278.9	86,000	165,700*	235
240									24.9	268.4	82,600	161,200*	240
245									19.4	254.9	79,300	156,800*	245
250									11.2	234.0	75,700	152,400*	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
 599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
150	62.0	371.3	214,600	309,400*									150
155	60.1	368.3	205,300	298,200*									155
160	58.1	365.1	196,600	287,700*									160
165	56.0	361.7	188,400	277,800*									165
170	53.9	358.0	180,800	268,500*									170
175	51.8	354.0	173,500	259,600*									175
180	49.5	349.6	166,700	251,300*	57.4	357.8	146,800	237,800*					180
185	47.2	344.9	160,300	243,400*	55.3	354.3	140,900	230,300*					185
190	44.8	339.8	154,200	235,900*	53.2	350.5	135,400	223,200*					190
195	42.3	334.2	148,300	228,700*	51.0	346.3	130,200	216,400*					195
200	39.7	328.1	142,800	221,900*	48.7	341.9	125,200	209,900*					200
205	36.8	321.4	137,500	215,400*	46.4	337.0	120,400	203,800*					205
210	33.8	313.9	132,500	209,200*	44.0	331.8	115,900	197,900*	52.2	340.9	99,600	186,700*	210
215	30.5	305.4	127,600	203,300*	41.4	326.0	111,600	192,300*	49.9	336.6	95,700	181,400*	215
220	26.8	295.6	122,900	195,500*	38.7	319.7	107,400	186,900*	47.7	332.0	92,000	176,300*	220
225	22.4	283.8	118,400	187,300*	35.8	312.8	103,400	181,700*	45.3	326.9	88,500	171,400*	225
230	17.0	268.5	113,900	176,100*	32.7	304.9	99,600	176,800*	42.8	321.5	85,100	166,700*	230
235	8.2	242.7	109,100	154,500*	29.2	296.0	95,900	172,000*	40.1	315.5	81,800	162,200*	235
240					25.3	285.6	92,300	167,300*	37.3	308.9	78,600	157,900*	240
245					20.7	272.9	88,700	162,800*	34.3	301.5	75,600	153,700*	245
250					14.6	255.5	85,100	158,400*	31.1	293.2	72,600	149,700*	250
255									27.5	283.7	69,700	145,800*	255
260									23.3	272.3	66,900	142,000*	260
270									10.4	235.5	61,000	134,400*	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

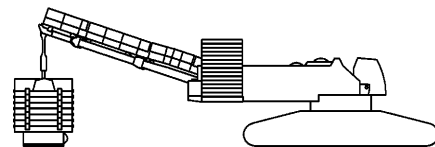
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



220 Ft. Boom, 190 Ft. Luffing Jib

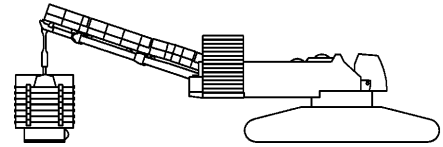
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
160	61.8	388.6	193,500	274,800*									160
165	60.1	385.6	185,400	274,800*									165
170	58.3	382.5	177,800	265,900*									170
175	56.5	379.1	170,600	257,100*									175
180	54.6	375.5	163,800	248,800*									180
185	52.7	371.6	157,400	240,900*									185
190	50.7	367.5	151,400	233,500*	57.7	375.2	132,100	220,400*					190
195	48.7	363.0	145,600	226,400*	55.8	371.7	126,900	213,700*					195
200	46.6	358.2	140,100	219,600*	53.9	368.0	122,000	207,300*					200
205	44.5	353.0	134,900	213,200*	52.0	364.0	117,300	201,200*					205
210	42.2	347.5	130,000	207,000*	50.0	359.8	112,800	195,300*					210
215	39.8	341.4	125,300	201,200*	48.0	355.2	108,600	189,800*					215
220	37.3	334.8	120,700	194,700*	45.9	350.3	104,500	184,500*					220
225	34.7	327.6	116,400	186,600*	43.7	345.0	100,600	179,300*	51.1	354.4	85,100	168,700*	225
230	31.8	319.5	112,200	178,900*	41.4	339.3	96,900	174,500*	49.1	350.0	81,800	164,100*	230
235	28.7	310.4	108,100	171,700*	39.0	333.0	93,300	169,800*	47.0	345.3	78,600	159,600*	235
240	25.2	299.9	104,200	164,900*	36.4	326.2	89,800	165,200*	44.9	340.2	75,500	155,400*	240
245	21.1	287.4	100,400	158,300*	33.7	318.7	86,500	160,900*	42.6	334.7	72,500	151,300*	245
250	16.0	271.1	96,600	148,400*	30.8	310.3	83,200	156,700*	40.3	328.7	69,700	147,300*	250
255	7.6	243.8	92,500	130,400*	27.5	300.8	80,100	152,600*	37.8	322.2	66,900	143,500*	255
260					23.9	289.7	77,000	148,700*	35.2	315.1	64,200	139,800*	260
270					13.7	257.6	70,900	141,000*	29.3	298.3	59,100	132,800*	270
280									21.9	276.0	54,200	126,100*	280
290									9.7	237.0	49,100	119,600*	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
 599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
170	61.6	405.9	173,300	238,100*									170
175	60.1	403.0	166,100	238,100*									175
180	58.5	399.8	159,400	238,100*									180
185	56.8	396.5	153,100	237,300*									185
190	55.1	393.0	147,100	229,900*									190
195	53.4	389.2	141,400	222,900*									195
200	51.7	385.2	136,000	216,200*	57.9	392.6	117,200	203,400*					200
205	49.9	380.9	130,800	209,800*	56.2	389.1	112,600	197,400*					205
210	48.0	376.3	125,900	203,700*	54.6	385.5	108,200	191,600*					210
215	46.1	371.5	121,300	197,900*	52.8	381.7	104,000	186,100*					215
220	44.2	366.3	116,800	192,000*	51.1	377.6	99,900	180,800*					220
225	42.1	360.7	112,500	184,000*	49.3	373.2	96,100	175,700*					225
230	40.0	354.7	108,400	176,400*	47.4	368.5	92,400	170,900*					230
235	37.8	348.2	104,500	169,300*	45.5	363.6	88,900	166,200*	52.0	372.1	73,700	155,800*	235
240	35.4	341.1	100,700	162,500*	43.5	358.2	85,500	161,800*	50.2	367.9	70,700	151,500*	240
245	32.9	333.4	97,100	156,100*	41.4	352.5	82,300	157,500*	48.4	363.4	67,800	147,500*	245
250	30.2	324.8	93,600	150,100*	39.2	346.3	79,200	153,400*	46.5	358.5	65,000	143,600*	250
255	27.2	315.1	90,200	144,300*	37.0	339.6	76,100	149,400*	44.5	353.4	62,300	139,800*	255
260	23.9	304.0	86,800	138,800*	34.5	332.4	73,200	145,500*	42.5	347.9	59,700	136,200*	260
270	15.1	273.6	80,300	124,600*	29.2	315.4	67,600	138,200*	38.2	335.5	54,800	129,300*	270
280					22.6	293.5	62,300	131,400*	33.3	321.0	50,200	122,900*	280
290					13.0	259.7	57,000	124,700*	27.8	303.1	45,800	116,800*	290
300									20.8	279.5	41,500	111,100*	300
310									9.2	238.3	37,100	105,300*	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

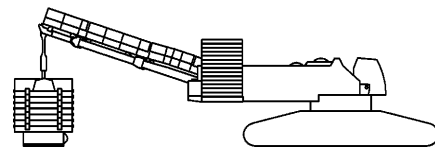
599,800 Lb. Hanging Counterweight

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	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
175	62.9	426.0	162,900	204,800*									175
180	61.5	423.2	156,200	204,800*									180
185	60.1	420.3	149,800	204,800*									185
190	58.6	417.2	143,900	204,800*									190
195	57.1	413.9	138,200	204,800*									195
200	55.6	410.4	132,800	204,800*									200
205	54.0	406.7	127,700	204,800*									205
210	52.5	402.8	122,800	201,000*									210
215	50.8	398.7	118,200	195,300*	56.6	406.6	100,500	183,300*					215
220	49.2	394.3	113,800	189,800*	55.0	403.0	96,500	178,000*					220
225	47.5	389.7	109,500	182,100*	53.5	399.2	92,700	173,000*					225
230	45.7	384.7	105,500	174,500*	51.9	395.3	89,100	168,200*					230
235	43.9	379.5	101,600	167,400*	50.3	391.0	85,600	163,600*					235
240	42.1	373.9	97,900	160,700*	48.6	386.6	82,300	159,200*					240
245	40.1	367.9	94,300	154,300*	46.9	381.9	79,100	154,900*	52.7	389.7	64,200	144,700*	245
250	38.1	361.5	90,900	148,300*	45.1	376.8	76,000	150,800*	51.1	385.6	61,500	140,800*	250
255	36.0	354.6	87,600	142,600*	43.3	371.5	73,000	146,900*	49.5	381.3	58,800	137,100*	255
260	33.7	347.1	84,400	137,100*	41.4	365.7	70,200	143,100*	47.8	376.7	56,300	133,500*	260
270	28.7	329.8	78,300	127,000*	37.4	353.0	64,800	135,900*	44.3	366.6	51,500	126,700*	270
280	22.8	307.9	72,500	117,700*	32.9	338.2	59,700	129,200*	40.5	355.2	47,000	120,300*	280
290	14.4	276.0	66,800	105,200*	27.8	320.2	54,900	122,800*	36.4	342.0	42,700	114,400*	290
300					21.5	297.2	50,300	116,400*	31.8	326.6	38,700	108,800*	300
310					12.3	261.7	45,600	106,800*	26.4	307.7	34,900	103,500*	310
320									19.8	282.8	31,200	98,500*	320
330									8.7	239.6	27,300	93,400*	330

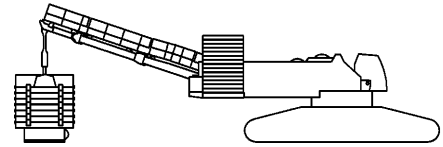


Liftcrane Luffing Jib Capacities

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
 599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
185	62.7	443.3	145,300	176,200*									185
190	61.4	440.5	139,400	176,200*									190
195	60.1	437.6	133,700	176,200*									195
200	58.7	434.5	128,400	176,200*									200
205	57.3	431.2	123,300	176,200*									205
210	56.0	427.8	118,500	172,600*									210
215	54.5	424.2	113,900	168,200*									215
220	53.1	420.4	109,500	163,600*									220
225	51.6	416.4	105,300	159,100*	56.9	423.9	88,000	167,200*					225
230	50.1	412.2	101,300	154,600*	55.5	420.5	84,400	164,500*					230
235	48.6	407.7	97,500	150,100*	54.0	416.8	81,000	159,900*					235
240	47.0	403.0	93,800	145,600*	52.6	412.9	77,700	155,500*					240
245	45.4	398.0	90,300	141,200*	51.1	408.8	74,500	151,300*					245
250	43.7	392.7	86,900	136,800*	49.6	404.5	71,500	147,200*					250
255	42.0	387.1	83,600	132,600*	48.0	400.0	68,600	143,300*					255
260	40.2	381.2	80,500	128,400*	46.5	395.1	65,800	139,600*	51.9	403.3	51,400	129,700*	260
270	36.4	368.0	74,500	120,200*	43.1	384.7	60,400	132,400*	48.9	394.7	46,700	122,900*	270
280	32.3	352.8	68,900	112,400*	39.6	372.9	55,500	125,800*	45.7	385.1	42,300	116,700*	280
290	27.5	334.6	63,700	104,900*	35.7	359.4	50,800	119,600*	42.3	374.3	38,200	110,800*	290
300	21.8	311.6	58,700	98,100*	31.5	343.7	46,400	111,900*	38.7	362.2	34,300	105,300*	300
310	13.8	278.2	53,700	87,600*	26.6	324.8	42,300	104,600*	34.8	348.2	30,700	100,100*	310
320					20.6	300.7	38,200	97,600*	30.4	331.9	27,200	95,300*	320
330					11.8	263.6	34,200	89,300*	25.3	312.0	23,900	90,600*	330
340									18.9	286.0	20,600	86,100*	340
350									8.3	240.9	17,100	81,700*	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

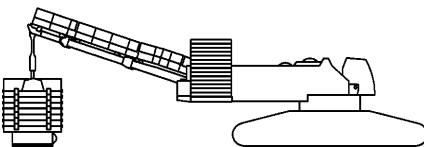
320,000 Lb. Carbody Counterweight

599,800 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

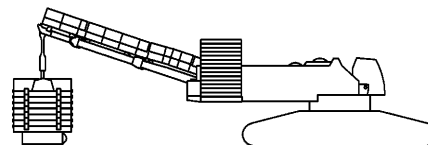
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
200	61.3	457.9	125,000	152,400*									200
205	60.1	454.9	120,000	152,400*									205
210	58.8	451.9	115,200	152,400*									210
215	57.5	448.6	110,600	150,500*									215
220	56.3	445.2	106,200	146,400*									220
225	55.0	441.7	102,000	142,300*									225
230	53.6	438.0	98,000	138,100*									230
235	52.3	434.0	94,200	133,900*	57.1	441.3	77,400	143,300*					235
240	50.9	429.9	90,600	129,800*	55.8	437.9	74,200	143,100*					240
245	49.5	425.6	87,100	125,700*	54.5	434.3	71,000	139,500*					245
250	48.1	421.1	83,700	121,600*	53.2	430.5	68,000	135,700*					250
255	46.6	416.3	80,500	117,600*	51.8	426.5	65,100	131,900*					255
260	45.1	411.3	77,400	113,600*	50.4	422.3	62,300	128,000*					260
270	42.0	400.4	71,500	105,900*	47.6	413.3	57,100	120,200*	52.5	420.9	43,100	120,100*	270
280	38.6	388.1	66,000	98,500*	44.6	403.3	52,200	112,600*	49.8	412.6	38,700	113,900*	280
290	35.0	374.2	60,900	91,400*	41.4	392.2	47,600	105,100*	46.9	403.3	34,700	108,100*	290
300	31.0	358.2	56,000	84,700*	38.0	379.7	43,300	97,800*	43.8	393.1	30,900	102,600*	300
310	26.4	339.2	51,400	78,400*	34.3	365.5	39,300	90,900*	40.6	381.7	27,300	97,500*	310
320	20.9	315.2	47,100	72,500*	30.2	349.0	35,400	84,300*	37.2	368.8	23,900	92,700*	320
330	13.2	280.4	42,700	67,100*	25.5	329.3	31,800	78,000*	33.4	354.1	20,700	88,100*	330
340					19.8	304.0	28,200	72,200*	29.2	337.0	17,700	83,100*	340
350					11.3	265.4	24,600	66,900*	24.3	316.2	14,700	77,000*	350
360									18.1	289.1	11,800	71,400*	360
370									7.9	242.1	8,700	66,500*	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
 599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
210	61.2	475.2	110,700	131,200*									210
215	60.0	472.2	106,100	131,200*									215
220	58.9	469.2	101,800	128,900*									220
225	57.7	466.0	97,700	125,000*									225
230	56.5	462.6	93,700	121,100*									230
235	55.3	459.1	89,900	117,200*									235
240	54.1	455.5	86,300	113,300*									240
245	52.9	451.6	82,800	109,600*	57.3	458.7	66,300	121,500*					245
250	51.6	447.6	79,500	105,700*	56.1	455.3	63,400	118,100*					250
255	50.3	443.4	76,300	101,900*	54.9	451.7	60,500	114,600*					255
260	49.0	439.0	73,200	98,200*	53.7	448.0	57,700	111,100*					260
270	46.3	429.6	67,400	90,600*	51.1	440.0	52,500	103,800*					270
280	43.4	419.2	61,900	83,500*	48.5	431.3	47,700	96,700*					280
290	40.4	407.7	56,900	76,700*	45.8	421.7	43,200	89,500*	50.5	430.4	29,900	100,600*	290
300	37.2	394.8	52,100	70,200*	42.9	411.1	39,000	82,600*	47.9	421.4	26,200	94,200*	300
310	33.7	380.2	47,700	64,000*	39.9	399.4	35,000	75,900*	45.1	411.6	22,700	87,500*	310
320	29.8	363.5	43,500	58,100*	36.6	386.2	31,300	69,500*	42.2	400.8	19,400	80,800*	320
330	25.4	343.6	39,500	52,600*	33.0	371.4	27,800	63,400*	39.1	388.7	16,300	74,400*	330
340	20.1	318.6	35,600	47,400*	29.1	354.1	24,400	57,600*	35.8	375.2	13,300	68,200*	340
350	12.7	282.4	31,700	42,700*	24.6	333.5	21,200	52,200*	32.2	359.8	10,500	62,200*	350
360					19.0	307.3	18,000	47,100*	28.1	341.9	7,800	56,600*	360
370					10.9	267.1	14,700	42,500*	23.4	320.3	5,200	51,300*	370
380									17.5	292.0	2,600	46,300*	380
390									7.6	243.3		42,000*	390

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

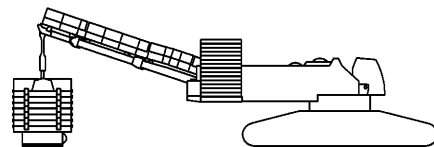
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



220 Ft. Boom, 310 Ft. Luffing Jib

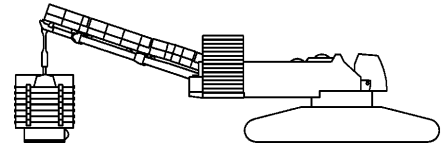
Jib Oper. Rad. Feet	70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
255	57.5	476.0	56,900	99,700*					255
260	56.4	472.7	54,200	96,400*					260
270	54.1	465.5	49,000	89,800*					270
280	51.7	457.7	44,200	83,100*					280
290	49.3	449.2	39,700	76,300*					290
300	46.8	439.9	35,600	69,700*	51.2	448.1	22,500	80,100*	300
310	44.2	429.8	31,700	63,400*	48.7	439.4	19,100	74,000*	310
320	41.4	418.6	28,000	57,100*	46.2	429.9	15,800	67,800*	320
330	38.5	406.3	24,500	51,200*	43.5	419.6	12,800	61,600*	330
340	35.3	392.6	21,200	45,500*	40.7	408.2	9,900	55,700*	340
350	31.9	377.0	18,100	40,200*	37.7	395.5	7,100	49,900*	350
360	28.1	359.0	15,100	35,100*	34.5	381.4	4,500	44,400*	360
370	23.7	337.6	12,200	30,400*	31.0	365.3	2,000	39,200*	370
380	18.4	310.4	9,400	25,900*	27.1	346.7		34,200*	380
390	10.5	268.8	6,400	21,900*	22.6	324.2		29,500*	390
400					16.9	294.9		25,200*	400
410					7.3	244.4		21,400*	410

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
 599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
120	60.3	318.5	295,400	402,400*									120
125	56.4	315.0	280,500	385,100*									125
130	52.4	311.0	266,800	369,100*									130
135	48.0	306.4	254,100	354,200*									135
140	43.3	300.9	242,300	340,300*									140
145	38.1	294.5	231,300	327,200*	56.4	308.3	207,100	311,100*					145
150	32.1	286.5	220,900	314,900*	52.3	304.3	197,900	299,600*					150
155	24.7	275.9	210,900	303,300*	47.9	299.6	189,300	288,800*					155
160	13.0	258.2	200,800	291,900*	43.2	294.2	181,200	278,600*					160
165					38.0	287.7	173,500	268,900*					165
170					32.0	279.6	166,100	259,700*	51.6	295.3	146,800	246,600*	170
175					24.5	269.0	159,000	250,900*	47.3	290.5	140,700	238,500*	175
180					12.6	251.0	151,600	242,200*	42.5	284.9	134,900	230,800*	180
185									37.2	278.2	129,400	223,400*	185
190									31.0	269.9	124,000	216,300*	190
195									23.2	258.7	118,600	209,500*	195
200									9.1	237.2	112,800	202,400*	200

240 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
130	60.2	335.8	264,800	367,000*									130
135	57.1	332.4	252,400	352,200*									135
140	53.8	328.7	240,800	338,500*									140
145	50.4	324.4	230,000	325,700*									145
150	46.8	319.6	220,000	313,700*									150
155	43.0	314.1	210,500	302,400*	57.0	325.7	186,900	286,600*					155
160	38.8	307.8	201,700	291,700*	53.8	322.0	179,100	276,600*					160
165	34.1	300.4	193,300	281,700*	50.4	317.7	171,600	267,100*					165
170	28.7	291.3	185,300	272,100*	46.8	312.9	164,600	258,200*					170
175	22.0	279.5	177,500	263,000*	42.9	307.4	158,000	249,700*					175
180	11.4	259.7	169,600	254,000*	38.7	301.0	151,700	241,700*					180
185					34.0	293.6	145,600	234,000*	49.8	308.6	127,100	221,400*	185
190					28.6	284.5	139,800	226,700*	46.2	303.7	122,100	214,600*	190
195					21.9	272.5	134,100	219,600*	42.3	298.1	117,300	208,100*	195
200					11.1	252.4	128,100	212,500*	38.0	291.6	112,700	201,800*	200
205									33.3	284.0	108,200	195,800*	205
210									27.7	274.6	103,900	190,100*	210
215									20.7	262.0	99,500	184,400*	215
220									7.9	238.0	94,700	178,600*	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

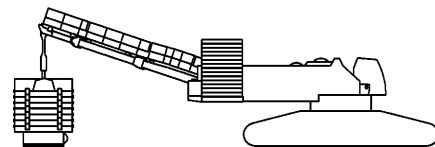
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



240 Ft. Boom, 130 Ft. Luffing Jib

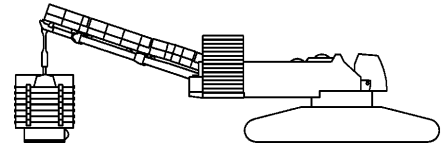
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
135	62.8	356.1	248,000	348,400*									135
140	60.2	353.1	236,500	334,800*									140
145	57.6	349.8	225,900	322,100*									145
150	54.8	346.2	216,000	310,200*									150
155	52.0	342.2	206,800	299,000*									155
160	49.1	337.8	198,100	288,500*									160
165	46.0	332.9	189,900	278,600*	57.5	343.1	166,900	263,200*					165
170	42.7	327.3	182,200	269,300*	54.8	339.5	160,100	254,400*					170
175	39.2	321.1	175,000	260,500*	52.0	335.5	153,600	246,100*					175
180	35.4	314.0	168,100	252,100*	49.0	331.0	147,500	238,200*					180
185	31.1	305.7	161,500	244,100*	45.9	326.1	141,700	230,700*					185
190	26.2	295.7	155,100	236,500*	42.7	320.6	136,200	223,600*					190
195	20.0	282.7	149,000	229,100*	39.1	314.4	130,900	216,800*	51.5	326.5	112,500	204,200*	195
200	10.2	261.1	142,600	221,800*	35.3	307.2	125,900	210,300*	48.6	322.0	108,100	198,100*	200
205					31.0	298.9	121,000	204,100*	45.5	317.0	103,900	192,300*	205
210					26.1	288.9	116,300	198,100*	42.1	311.3	99,800	186,800*	210
215					19.9	275.8	111,700	192,200*	38.6	305.0	95,900	181,400*	215
220					9.9	253.8	106,700	186,400*	34.7	297.7	92,200	176,300*	220
225									30.3	289.2	88,600	171,400*	225
230									25.3	278.8	85,000	166,600*	230
235									18.8	265.0	81,400	161,900*	235
240									7.0	238.7	77,300	156,900*	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
 599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
145	62.4	373.4	223,000	319,500*									145
150	60.2	370.4	213,200	307,600*									150
155	57.9	367.2	204,100	296,600*									155
160	55.6	363.7	195,500	286,100*									160
165	53.2	359.9	187,400	276,300*									165
170	50.7	355.7	179,800	267,100*									170
175	48.1	351.1	172,700	258,400*	57.9	360.5	150,500	243,400*					175
180	45.4	346.1	165,900	250,100*	55.5	357.0	144,500	235,600*					180
185	42.5	340.5	159,500	242,200*	53.1	353.1	138,800	228,200*					185
190	39.5	334.4	153,500	234,800*	50.6	349.0	133,400	221,200*					190
195	36.3	327.5	147,700	227,700*	48.0	344.4	128,200	214,500*					195
200	32.7	319.7	142,100	220,900*	45.3	339.3	123,400	208,100*					200
205	28.8	310.7	136,800	214,400*	42.5	333.8	118,700	202,000*	52.8	344.2	100,700	189,700*	205
210	24.2	299.8	131,700	208,100*	39.5	327.6	114,200	196,200*	50.2	339.9	96,700	184,200*	210
215	18.5	285.7	126,600	202,100*	36.2	320.8	109,900	190,600*	47.6	335.3	93,000	179,000*	215
220	9.4	262.3	121,300	187,000*	32.7	313.0	105,800	185,200*	44.9	330.2	89,400	174,000*	220
225					28.7	303.9	101,800	180,100*	42.0	324.6	85,900	169,200*	225
230					24.1	292.9	97,900	175,100*	39.0	318.3	82,600	164,500*	230
235					18.4	278.7	94,000	170,200*	35.7	311.3	79,400	160,100*	235
240					9.1	255.0	89,900	165,300*	32.1	303.3	76,300	155,800*	240
245									28.1	294.0	73,200	151,600*	245
250									23.4	282.7	70,200	147,600*	250
255									17.3	267.8	67,200	143,600*	255
260									6.3	239.4	63,700	139,400*	260

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 140 Ft. Mast No. 56

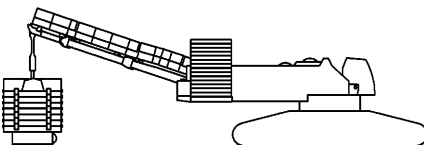
492,000 Lb. Crane Counterweight

320,000 Lb. Carbody Counterweight

599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
155	62.1	390.7	199,500	283,300*									155
160	60.2	387.7	191,000	282,300*									160
165	58.2	384.6	183,000	272,600*									165
170	56.1	381.1	175,500	263,400*									170
175	54.0	377.4	168,400	254,800*									175
180	51.9	373.4	161,800	246,600*									180
185	49.6	369.1	155,500	238,800*									185
190	47.3	364.4	149,500	231,400*	56.1	374.4	128,500	217,200*					190
195	44.9	359.3	143,800	224,400*	54.0	370.7	123,500	210,600*					195
200	42.4	353.8	138,400	217,700*	51.8	366.7	118,700	204,300*					200
205	39.7	347.7	133,300	211,300*	49.6	362.4	114,100	198,300*					205
210	36.9	341.0	128,400	205,200*	47.3	357.7	109,800	192,600*					210
215	33.9	333.5	123,700	199,400*	44.9	352.6	105,600	187,100*					215
220	30.6	325.1	119,100	193,800*	42.4	347.0	101,700	181,800*	51.5	357.7	84,400	170,000*	220
225	26.9	315.3	114,700	188,400*	39.7	340.9	97,800	176,800*	49.2	353.3	81,000	165,300*	225
230	22.6	303.6	110,500	183,200*	36.9	334.2	94,200	172,000*	46.9	348.6	77,800	160,700*	230
235	17.2	288.5	106,200	177,700*	33.8	326.7	90,600	167,300*	44.5	343.4	74,700	156,400*	235
240	8.7	263.5	101,800	156,500*	30.5	318.3	87,200	162,800*	42.0	337.8	71,800	152,200*	240
245					26.8	308.5	83,800	158,500*	39.3	331.6	68,900	148,200*	245
250					22.5	296.7	80,600	154,300*	36.4	324.8	66,100	144,300*	250
255					17.1	281.5	77,300	150,100*	33.4	317.2	63,400	140,500*	255
260					8.4	256.1	73,800	145,900*	30.0	308.5	60,800	136,900*	260
270									21.8	286.4	55,700	129,900*	270
280									5.8	240.0	50,100	122,800*	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

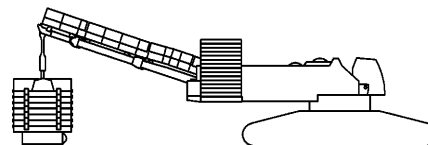
599,800 Lb. Hanging Counterweight

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	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
165	61.9	408.0	179,800	248,100*									165
170	60.1	405.1	172,300	248,100*									170
175	58.4	401.9	165,300	248,100*									175
180	56.5	398.5	158,700	244,000*									180
185	54.7	394.9	152,500	236,200*									185
190	52.8	391.1	146,500	228,900*									190
195	50.8	386.9	140,900	221,900*									195
200	48.8	382.5	135,600	215,300*	56.5	391.8	115,300	201,600*					200
205	46.7	377.7	130,500	209,000*	54.6	388.2	110,800	195,600*					205
210	44.5	372.5	125,700	203,000*	52.7	384.3	106,500	189,900*					210
215	42.3	367.0	121,100	197,200*	50.8	380.2	102,400	184,500*					215
220	39.9	361.0	116,700	191,700*	48.8	375.7	98,500	179,300*					220
225	37.4	354.4	112,400	186,400*	46.7	371.0	94,800	174,300*					225
230	34.8	347.1	108,400	181,300*	44.5	365.8	91,200	169,500*	52.4	375.4	74,300	158,000*	230
235	31.9	339.1	104,400	176,400*	42.3	360.2	87,700	164,900*	50.5	371.2	71,300	153,600*	235
240	28.8	330.1	100,700	171,700*	39.9	354.2	84,400	160,500*	48.5	366.7	68,400	149,500*	240
245	25.3	319.6	97,000	165,100*	37.4	347.6	81,200	156,300*	46.4	361.9	65,600	145,500*	245
250	21.3	307.2	93,400	158,600*	34.7	340.4	78,100	152,200*	44.2	356.6	62,900	141,700*	250
255	16.2	291.1	89,800	149,500*	31.9	332.3	75,200	148,300*	41.9	351.0	60,300	138,000*	255
260	8.1	264.7	86,000	132,000*	28.8	323.2	72,300	144,400*	39.5	344.9	57,800	134,400*	260
270					21.2	300.3	66,600	137,100*	34.3	330.9	53,000	127,700*	270
280					7.9	257.2	60,700	129,900*	28.3	313.4	48,500	121,300*	280
290									20.5	289.8	44,100	115,300*	290
300									5.3	240.6	39,200	109,100*	300

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 140 Ft. Mast No. 56

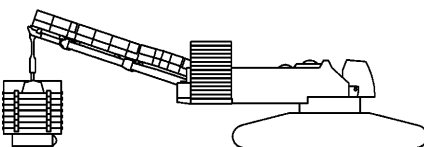
492,000 Lb. Crane Counterweight

320,000 Lb. Carbody Counterweight

599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
175	61.7	425.3	160,700	216,500*									175
180	60.1	422.4	154,100	216,500*									180
185	58.5	419.3	147,900	216,500*									185
190	56.9	415.9	142,100	216,500*									190
195	55.2	412.4	136,500	216,000*									195
200	53.5	408.6	131,200	211,700*									200
205	51.8	404.6	126,200	205,500*									205
210	50.0	400.4	121,500	199,500*	56.8	409.2	101,600	186,000*					210
215	48.1	395.8	116,900	193,800*	55.2	405.7	97,600	180,600*					215
220	46.2	391.0	112,600	188,300*	53.5	401.9	93,800	175,500*					220
225	44.2	385.8	108,400	183,100*	51.7	397.9	90,100	170,500*					225
230	42.2	380.2	104,400	178,000*	49.9	393.6	86,600	165,800*					230
235	40.1	374.2	100,600	173,200*	48.1	389.1	83,200	161,300*					235
240	37.8	367.7	96,900	168,600*	46.2	384.2	79,900	156,900*					240
245	35.5	360.7	93,400	163,200*	44.2	379.0	76,800	152,800*	51.5	388.9	60,600	141,600*	245
250	33.0	353.0	90,000	156,800*	42.2	373.5	73,800	148,700*	49.7	384.6	58,000	137,800*	250
255	30.3	344.4	86,700	150,700*	40.0	367.5	70,900	144,900*	47.8	380.0	55,500	134,200*	255
260	27.3	334.8	83,400	144,900*	37.8	361.0	68,100	141,100*	45.9	375.1	53,000	130,700*	260
270	20.2	310.6	77,200	134,000*	32.9	346.2	62,800	134,000*	41.9	364.2	48,400	124,000*	270
280	7.6	265.7	70,900	110,900*	27.3	328.0	57,800	127,400*	37.5	351.6	44,100	117,800*	280
290					20.1	303.7	52,900	121,000*	32.5	336.6	40,000	112,000*	290
300					7.4	258.3	47,800	114,700*	26.8	318.0	36,100	106,500*	300
310									19.4	293.1	32,200	101,200*	310
320									5.0	241.2	27,900	95,800*	320

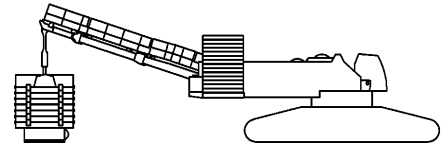


Liftcrane Luffing Jib Capacities

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
 599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
180	63.0	445.4	150,800	186,500*									180
185	61.6	442.6	144,600	186,500*									185
190	60.1	439.7	138,800	186,500*									190
195	58.6	436.6	133,200	186,500*									195
200	57.2	433.3	128,000	186,500*									200
205	55.6	429.8	123,000	186,500*									205
210	54.1	426.2	118,300	186,500*									210
215	52.5	422.3	113,700	185,500*									215
220	50.9	418.2	109,400	182,100*	57.1	426.6	90,200	172,600*					220
225	49.2	413.8	105,300	178,600*	55.6	423.1	86,600	167,700*					225
230	47.6	409.2	101,400	174,800*	54.1	419.5	83,100	163,000*					230
235	45.8	404.2	97,600	170,700*	52.5	415.5	79,700	158,500*					235
240	44.0	399.0	93,900	166,200*	50.9	411.4	76,500	154,200*					240
245	42.1	393.4	90,500	160,900*	49.2	407.1	73,500	150,100*					245
250	40.2	387.5	87,100	154,500*	47.5	402.4	70,500	146,100*					250
255	38.2	381.1	83,900	148,500*	45.8	397.5	67,700	142,200*	52.2	406.6	51,800	131,300*	255
260	36.1	374.2	80,800	142,700*	44.0	392.3	64,900	138,500*	50.6	402.4	49,400	127,800*	260
270	31.4	358.5	74,900	132,100*	40.2	380.7	59,700	131,500*	47.3	393.4	44,900	121,300*	270
280	26.0	339.3	69,300	122,400*	36.0	367.4	54,900	125,000*	43.7	383.1	40,700	115,100*	280
290	19.2	313.8	63,900	113,400*	31.4	351.7	50,300	118,800*	39.9	371.4	36,700	109,400*	290
300	7.2	266.8	58,400	93,200*	26.0	332.5	45,900	113,100*	35.7	357.9	33,000	104,000*	300
310					19.1	306.9	41,700	107,500*	31.0	342.0	29,400	98,900*	310
320					7.0	259.2	37,200	98,600*	25.5	322.5	26,000	94,100*	320
330									18.5	296.2	22,600	89,400*	330
340									4.7	241.7	18,800	84,600*	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

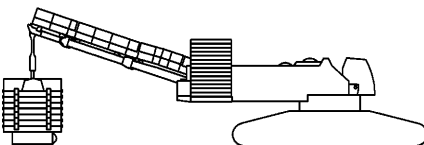
320,000 Lb. Carbody Counterweight

599,800 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

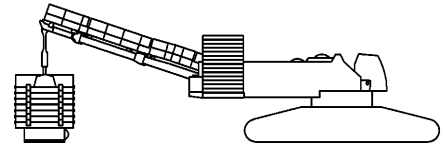
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
190	62.7	462.7	134,100	162,400*									190
195	61.4	460.0	128,600	162,400*									195
200	60.1	457.0	123,400	162,400*									200
205	58.8	453.9	118,500	162,400*									205
210	57.4	450.7	113,800	162,400*									210
215	56.0	447.3	109,300	162,400*									215
220	54.6	443.7	105,000	162,400*									220
225	53.1	439.9	100,900	161,000*									225
230	51.7	435.9	97,000	156,800*	57.4	444.0	78,200	154,100*					230
235	50.2	431.6	93,300	152,600*	56.0	440.5	74,900	154,100*					235
240	48.6	427.2	89,700	148,300*	54.6	436.9	71,800	150,400*					240
245	47.1	422.5	86,300	144,100*	53.1	433.1	68,700	146,300*					245
250	45.5	417.5	83,000	139,900*	51.7	429.1	65,800	142,400*					250
255	43.8	412.2	79,800	135,700*	50.2	424.9	63,000	138,600*					255
260	42.1	406.7	76,700	131,600*	48.6	420.5	60,300	134,900*					260
270	38.4	394.4	70,900	123,600*	45.4	410.8	55,200	128,000*	51.4	420.1	39,900	117,400*	270
280	34.5	380.3	65,500	115,800*	42.0	399.9	50,500	121,500*	48.4	411.4	35,800	111,300*	280
290	30.1	363.8	60,400	108,400*	38.4	387.6	46,000	115,500*	45.2	401.6	31,900	105,700*	290
300	24.9	343.6	55,600	101,200*	34.5	373.5	41,900	109,800*	41.8	390.7	28,300	100,400*	300
310	18.4	316.9	50,900	94,900*	30.0	356.9	37,900	104,400*	38.1	378.3	24,900	95,400*	310
320	6.9	267.8	46,000	77,200*	24.8	336.7	34,100	99,400*	34.1	364.0	21,700	90,700*	320
330					18.3	310.0	30,400	94,500*	29.7	347.2	18,600	86,200*	330
340					6.6	260.2	26,400	82,100*	24.4	326.7	15,600	81,900*	340
350									17.7	299.1	12,600	77,800*	350
360									4.4	242.2	9,200	73,300*	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
 599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
200	62.5	480.0	120,000	141,300*									200
205	61.3	477.3	115,000	141,300*									205
210	60.1	474.4	110,300	141,300*									210
215	58.8	471.3	105,900	141,300*									215
220	57.6	468.0	101,600	141,300*									220
225	56.3	464.7	97,600	141,300*									225
230	55.0	461.1	93,700	140,000*									230
235	53.7	457.4	90,000	136,100*									235
240	52.3	453.5	86,400	132,200*	57.6	461.3	68,100	132,800*					240
245	51.0	449.4	83,000	128,300*	56.3	458.0	65,100	132,800*					245
250	49.6	445.1	79,700	124,300*	55.0	454.4	62,300	132,800*					250
255	48.1	440.5	76,600	120,500*	53.7	450.7	59,500	132,800*					255
260	46.7	435.8	73,500	116,600*	52.3	446.8	56,800	131,200*					260
270	43.6	425.5	67,800	109,000*	49.5	438.4	51,800	124,000*					270
280	40.4	414.0	62,500	101,700*	46.6	429.0	47,100	116,600*	52.1	437.8	32,100	108,400*	280
290	36.9	401.0	57,500	94,600*	43.6	418.7	42,700	109,300*	49.3	429.3	28,300	102,800*	290
300	33.1	386.1	52,800	87,800*	40.4	407.2	38,600	102,200*	46.4	420.0	24,800	97,600*	300
310	28.9	368.8	48,300	81,400*	36.9	394.2	34,700	95,200*	43.4	409.5	21,400	92,600*	310
320	23.9	347.7	44,100	75,300*	33.1	379.4	31,100	88,500*	40.1	397.9	18,200	88,000*	320
330	17.6	319.9	40,000	69,700*	28.8	362.0	27,600	82,100*	36.6	384.8	15,300	83,600*	330
340	6.6	268.7	35,600	63,700*	23.9	340.9	24,200	76,000*	32.8	369.8	12,400	79,400*	340
350					17.6	312.9	21,000	70,400*	28.5	352.2	9,700	75,200*	350
360					6.3	261.1	17,400	65,500*	23.4	330.7	7,000	70,900*	360
370									17.0	302.0	4,400	66,600*	370
380									4.2	242.8	1,300	62,100*	380

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 140 Ft. Mast No. 56

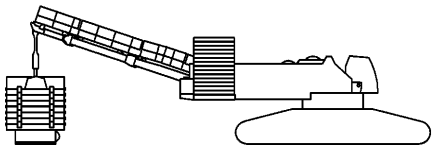
492,000 Lb. Crane Counterweight

320,000 Lb. Carbody Counterweight

599,800 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

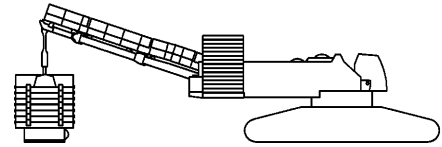
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
215	61.2	494.6	101,300	122,200*									215
220	60.1	491.7	97,100	122,200*									220
225	58.9	488.6	93,100	122,200*									225
230	57.8	485.4	89,200	122,200*									230
235	56.6	482.1	85,500	119,200*									235
240	55.4	478.6	82,000	115,600*									240
245	54.1	474.9	78,600	111,900*									245
250	52.9	471.1	75,400	108,200*	57.7	478.7	57,400	113,700*					250
255	51.6	467.1	72,200	104,500*	56.5	475.4	54,700	113,700*					255
260	50.3	462.9	69,200	101,000*	55.3	471.9	52,100	113,700*					260
270	47.7	453.9	63,600	93,800*	52.9	464.4	47,100	107,300*					270
280	44.9	444.0	58,300	86,600*	50.3	456.2	42,500	100,400*					280
290	42.0	433.1	53,400	79,800*	47.7	447.2	38,200	93,700*	52.7	455.4	23,400	99,000*	290
300	38.9	421.0	48,800	73,300*	44.9	437.3	34,100	86,700*	50.1	447.1	19,900	93,800*	300
310	35.5	407.3	44,400	67,000*	42.0	426.4	30,300	80,100*	47.5	438.1	16,600	88,900*	310
320	31.9	391.8	40,400	61,000*	38.8	414.2	26,800	73,600*	44.7	428.1	13,500	84,300*	320
330	27.8	373.7	36,500	55,300*	35.5	400.5	23,400	67,400*	41.7	417.1	10,600	79,500*	330
340	23.0	351.7	32,700	50,000*	31.8	385.0	20,200	61,500*	38.6	404.9	7,900	73,100*	340
350	17.0	322.7	29,100	45,100*	27.8	366.8	17,100	55,800*	35.2	391.1	5,200	67,000*	350
360	6.3	269.6	25,200	40,800*	23.0	344.8	14,200	50,500*	31.6	375.4	2,700	61,200*	360
370					16.9	315.7	11,200	45,600*	27.4	357.0	300	55,700*	370
380					6.1	262.0	8,000	41,300*	22.6	334.6		50,500*	380
390									16.4	304.7		45,600*	390
400									4.0	243.2		41,500*	400

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
 599,800 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

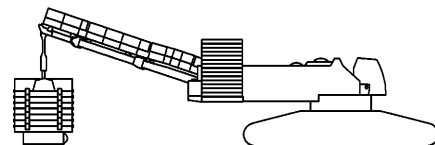
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
230	60.1	509.0	85,700	105,400*									230
235	59.0	505.9	82,000	104,400*									235
240	57.9	502.8	78,500	101,100*									240
245	56.8	499.5	75,200	97,700*									245
250	55.7	496.0	71,900	94,300*									250
255	54.5	492.4	68,800	90,800*									255
260	53.4	488.6	65,800	87,500*	57.9	496.0	48,400	97,200*					260
270	51.0	480.6	60,200	80,600*	55.7	489.3	43,500	92,800*					270
280	48.6	471.9	55,000	73,900*	53.4	481.9	38,900	86,500*					280
290	46.0	462.4	50,100	67,300*	51.0	473.9	34,600	80,200*					290
300	43.3	451.9	45,500	61,000*	48.5	465.2	30,600	73,700*					300
310	40.5	440.4	41,300	54,900*	46.0	455.6	26,900	67,300*	50.8	464.9	12,900	78,100*	310
320	37.5	427.7	37,200	49,000*	43.3	445.2	23,400	61,100*	48.3	456.1	9,900	72,300*	320
330	34.3	413.4	33,400	43,500*	40.5	433.7	20,100	55,200*	45.8	446.5	7,000	66,300*	330
340	30.8	397.2	29,800	38,300*	37.5	420.9	16,900	49,300*	43.1	436.0	4,300	60,400*	340
350	26.8	378.4	26,400	33,300*	34.3	406.6	13,900	43,800*	40.3	424.4	1,700	54,600*	350
360	22.2	355.5	23,100	28,600*	30.8	390.4	11,100	38,600*	37.3	411.6		49,000*	360
370	16.4	325.5	19,800	24,300*	26.8	371.5	8,300	33,600*	34.0	397.1		43,500*	370
380	6.0	270.5	16,300	20,500*	22.2	348.6	5,700	29,000*	30.5	380.7		38,400*	380
390					16.3	318.5	3,000	24,600*	26.5	361.6		33,500*	390
400					5.8	262.9	100	20,900*	21.8	338.3		28,900*	400
410									15.8	307.4		24,600*	410
420									3.9	243.7		21,000*	420

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
599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
125	60.4	337.9	272,300	377,500*									125
130	56.6	334.5	259,000	361,800*									130
135	52.5	330.5	246,700	347,200*									135
140	48.2	325.9	235,200	333,600*									140
145	43.5	320.5	224,500	320,800*									145
150	38.3	314.0	214,500	308,900*	57.8	328.4	188,200	291,300*					150
155	32.3	306.1	205,000	297,600*	53.8	324.6	180,000	280,800*					155
160	25.0	295.7	195,800	286,800*	49.6	320.2	172,200	270,900*					160
165	13.6	278.5	186,600	276,300*	45.0	315.1	164,900	261,500*					165
170					40.0	309.0	158,000	252,700*					170
175					34.3	301.6	151,400	244,200*					175
180					27.5	292.2	144,900	236,200*	50.3	312.0	124,600	222,400*	180
185					18.1	278.2	138,500	228,300*	45.8	307.0	119,500	215,300*	185
190									40.9	301.1	114,600	208,600*	190
195									35.4	294.0	109,800	202,100*	195
200									28.8	285.0	105,200	195,800*	200
205									20.1	272.2	100,500	189,700*	205

260 Ft. Boom, 110 Ft. Luffing Jib

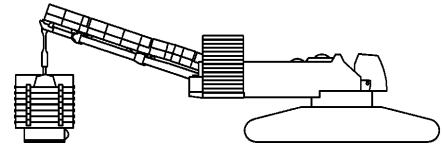
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
135	60.3	355.2	244,500	345,000*									135
140	57.2	351.9	233,300	331,600*									140
145	54.0	348.1	222,800	319,000*									145
150	50.6	343.9	213,000	307,200*									150
155	46.9	339.1	203,900	296,200*									155
160	43.1	333.7	195,300	285,800*									160
165	38.9	327.4	187,200	276,000*	55.0	342.2	162,500	259,400*					165
170	34.3	320.0	179,500	266,600*	51.6	338.1	155,800	250,700*					170
175	28.9	311.0	172,100	257,800*	48.1	333.5	149,500	242,500*					175
180	22.3	299.3	165,000	249,300*	44.3	328.3	143,500	234,700*					180
185	12.0	280.1	157,700	240,900*	40.3	322.3	137,800	227,300*					185
190					35.8	315.3	132,300	220,200*	52.2	329.8	112,000	206,300*	190
195					30.7	306.9	127,100	213,400*	48.7	325.3	107,500	200,100*	195
200					24.6	296.2	121,900	206,900*	45.0	320.2	103,200	194,100*	200
205					16.1	280.6	116,700	200,500*	41.0	314.4	99,100	188,400*	205
210									36.6	307.5	95,200	182,900*	210
215									31.6	299.4	91,300	177,600*	215
220									25.7	289.3	87,500	172,500*	220
225									17.9	275.0	83,600	167,400*	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
 599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
140	62.8	375.5	228,700	327,300*									140
145	60.3	372.5	218,400	315,200*									145
150	57.7	369.3	208,800	303,500*									150
155	54.9	365.7	199,800	292,600*									155
160	52.1	361.7	191,300	282,300*									160
165	49.2	357.3	183,400	272,700*									165
170	46.1	352.4	176,000	263,500*									170
175	42.8	346.9	168,900	254,900*	55.8	359.7	144,800	238,600*					175
180	39.3	340.7	162,300	246,700*	53.0	355.8	138,900	230,900*					180
185	35.5	333.6	155,900	238,900*	50.1	351.5	133,400	223,700*					185
190	31.3	325.4	149,800	231,500*	47.1	346.8	128,200	216,700*					190
195	26.4	315.5	144,000	224,300*	43.9	341.5	123,200	210,200*					195
200	20.3	302.6	138,200	217,400*	40.5	335.5	118,400	203,900*					200
205	10.8	281.6	132,300	210,600*	36.8	328.8	113,800	197,900*	50.6	343.3	94,300	184,500*	205
210					32.7	321.0	109,400	192,100*	47.6	338.6	90,500	179,100*	210
215					28.0	311.6	105,100	186,500*	44.5	333.4	86,900	174,000*	215
220					22.4	299.9	100,900	181,200*	41.1	327.6	83,400	169,100*	220
225					14.6	282.9	96,600	175,800*	37.4	321.0	80,100	164,400*	225
230									33.4	313.4	76,800	159,800*	230
235									28.9	304.4	73,700	155,400*	235
240									23.5	293.1	70,500	151,100*	240
245									16.2	277.5	67,300	146,900*	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

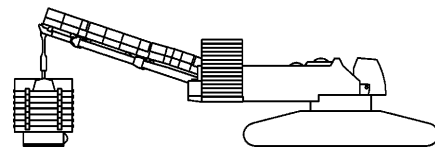
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



260 Ft. Boom, 150 Ft. Luffing Jib

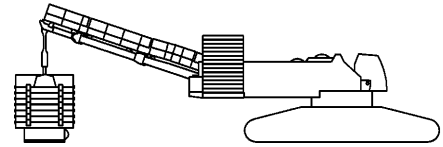
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
150	62.5	392.8	205,800	287,200*									150
155	60.3	389.9	196,900	287,200*									155
160	58.0	386.6	188,500	279,800*									160
165	55.7	383.1	180,700	270,200*									165
170	53.2	379.3	173,300	261,200*									170
175	50.8	375.1	166,400	252,600*									175
180	48.2	370.6	159,800	244,500*									180
185	45.5	365.6	153,600	236,800*	56.4	377.1	130,200	221,000*					185
190	42.6	360.1	147,800	229,500*	54.0	373.4	125,100	214,200*					190
195	39.6	354.0	142,100	222,600*	51.6	369.3	120,200	207,700*					195
200	36.4	347.1	136,800	215,900*	49.0	364.9	115,500	201,500*					200
205	32.9	339.4	131,700	209,600*	46.3	360.0	111,100	195,600*					205
210	28.9	330.4	126,700	203,500*	43.5	354.7	106,900	189,900*					210
215	24.4	319.5	122,000	197,700*	40.6	348.8	102,800	184,500*	52.0	361.0	83,600	171,400*	215
220	18.7	305.6	117,200	192,000*	37.4	342.2	98,900	179,300*	49.5	356.7	80,300	166,500*	220
225	9.9	283.0	112,300	186,300*	34.0	334.7	95,100	174,400*	46.8	351.9	77,100	161,900*	225
230					30.2	326.2	91,500	169,600*	44.0	346.6	74,000	157,500*	230
235					25.9	316.0	87,900	164,900*	41.1	340.8	71,000	153,200*	235
240					20.7	303.3	84,400	160,400*	38.0	334.4	68,100	149,100*	240
245					13.4	284.9	80,800	155,900*	34.6	327.1	65,300	145,100*	245
250									30.9	318.7	62,600	141,300*	250
255									26.7	308.9	59,900	137,600*	255
260									21.7	296.7	57,300	133,900*	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
 599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
160	62.2	410.1	183,800	252,600*									160
165	60.2	407.2	176,000	252,600*									165
170	58.2	404.0	168,800	252,600*									170
175	56.2	400.6	161,900	248,900*									175
180	54.1	396.9	155,400	240,800*									180
185	51.9	392.9	149,300	233,200*									185
190	49.7	388.6	143,500	226,000*									190
195	47.4	383.9	138,100	219,100*	56.8	394.5	115,200	203,600*					195
200	45.0	378.8	132,800	212,600*	54.8	390.9	110,600	197,500*					200
205	42.5	373.3	127,800	206,400*	52.6	387.0	106,300	191,700*					205
210	39.8	367.2	123,100	200,400*	50.4	382.8	102,200	186,100*					210
215	37.0	360.6	118,500	194,700*	48.1	378.2	98,200	180,800*					215
220	34.0	353.1	114,200	189,200*	45.8	373.3	94,400	175,700*					220
225	30.7	344.7	109,900	184,000*	43.3	367.9	90,800	170,800*	53.0	378.7	71,900	157,800*	225
230	27.0	335.0	105,900	178,900*	40.7	362.0	87,300	166,100*	50.8	374.5	68,900	153,500*	230
235	22.8	323.4	101,900	174,000*	37.9	355.6	84,000	161,600*	48.5	370.0	66,000	149,300*	235
240	17.5	308.4	98,000	169,200*	35.0	348.4	80,700	157,300*	46.2	365.1	63,300	145,300*	240
245	9.1	284.2	93,800	158,200*	31.8	340.3	77,600	153,100*	43.7	359.9	60,600	141,400*	245
250					28.2	331.0	74,500	149,100*	41.2	354.1	58,000	137,700*	250
255					24.2	320.1	71,500	145,100*	38.4	347.7	55,500	134,000*	255
260					19.3	306.5	68,600	141,300*	35.5	340.6	53,100	130,600*	260
270									28.9	323.7	48,500	123,900*	270
280									20.2	300.1	43,900	117,600*	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

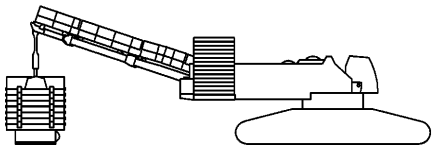
320,000 Lb. Carbody Counterweight

599,800 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

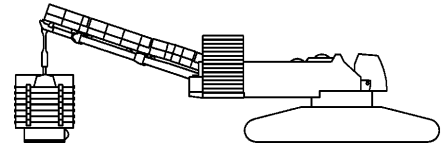
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
170	61.9	427.4	165,500	222,800*									170
175	60.2	424.5	158,700	222,800*									175
180	58.4	421.4	152,300	222,800*									180
185	56.6	418.0	146,200	221,400*									185
190	54.7	414.4	140,500	217,500*									190
195	52.8	410.5	135,000	213,100*									195
200	50.9	406.4	129,800	208,500*									200
205	48.9	402.0	124,900	203,800*	57.2	411.9	102,800	188,900*					205
210	46.8	397.2	120,200	198,000*	55.3	408.4	98,700	183,300*					210
215	44.6	392.0	115,800	192,400*	53.4	404.6	94,800	178,100*					215
220	42.4	386.5	111,500	187,000*	51.5	400.5	91,100	173,000*					220
225	40.0	380.5	107,400	181,800*	49.5	396.2	87,500	168,200*					225
230	37.5	373.9	103,500	176,800*	47.4	391.5	84,100	163,600*					230
235	34.9	366.7	99,700	172,000*	45.3	386.5	80,900	159,100*					235
240	32.0	358.7	96,000	167,500*	43.1	381.1	77,700	154,900*	51.8	392.2	59,700	142,400*	240
245	28.9	349.7	92,500	163,000*	40.8	375.3	74,700	150,700*	49.9	388.0	57,100	138,600*	245
250	25.5	339.4	89,100	158,700*	38.3	368.9	71,800	146,800*	47.8	383.4	54,600	134,900*	250
255	21.4	327.0	85,700	154,600*	35.7	361.9	68,900	143,000*	45.7	378.4	52,200	131,400*	255
260	16.4	311.1	82,400	150,500*	33.0	354.2	66,200	139,300*	43.5	373.1	49,900	128,000*	260
270					26.6	335.6	60,900	132,200*	38.8	361.0	45,400	121,500*	270
280					18.2	309.5	55,800	125,500*	33.5	346.5	41,300	115,400*	280
290									27.2	328.4	37,300	109,600*	290
300									19.0	303.3	33,300	104,100*	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
 599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
180	61.8	444.7	147,500	194,400*									180
185	60.2	441.8	141,500	194,400*									185
190	58.6	438.7	135,800	194,400*									190
195	56.9	435.4	130,400	194,400*									195
200	55.3	431.9	125,300	192,800*									200
205	53.6	428.1	120,500	189,500*									205
210	51.8	424.1	115,800	185,900*									210
215	50.0	419.9	111,400	182,100*	57.5	429.3	89,800	174,100*					215
220	48.2	415.3	107,200	178,200*	55.8	425.8	86,100	169,100*					220
225	46.3	410.5	103,200	174,200*	54.1	422.1	82,600	164,300*					225
230	44.3	405.3	99,300	170,000*	52.4	418.2	79,300	159,700*					230
235	42.3	399.7	95,600	165,700*	50.6	414.0	76,100	155,300*					235
240	40.2	393.7	92,100	161,500*	48.8	409.6	73,000	151,100*					240
245	37.9	387.3	88,700	157,400*	46.9	404.9	70,000	147,100*					245
250	35.6	380.3	85,400	153,300*	44.9	399.8	67,200	143,200*	52.7	409.9	49,400	130,900*	250
255	33.1	372.6	82,200	149,300*	42.9	394.4	64,500	139,400*	50.9	405.7	47,100	127,400*	255
260	30.4	364.0	79,100	145,500*	40.8	388.5	61,800	135,800*	49.1	401.4	44,800	124,000*	260
270	24.1	343.5	73,200	138,600*	36.3	375.4	56,800	128,900*	45.3	391.7	40,600	117,600*	270
280	15.5	313.6	67,400	126,700*	31.2	359.6	52,000	122,500*	41.2	380.5	36,500	111,700*	280
290					25.2	340.0	47,500	116,400*	36.7	367.6	32,800	106,100*	290
300					17.2	312.3	43,100	110,600*	31.7	352.1	29,200	100,800*	300
310									25.8	332.9	25,700	95,800*	310
320									18.0	306.3	22,300	91,000*	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

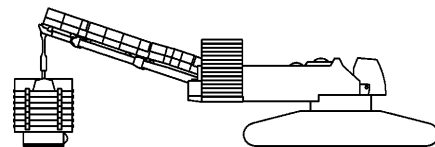
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



260 Ft. Boom, 230 Ft. Luffing Jib

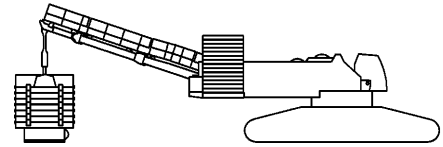
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
190	61.6	462.0	132,400	171,000*									190
195	60.2	459.1	127,000	171,000*									195
200	58.7	456.0	122,000	171,000*									200
205	57.2	452.8	117,100	171,000*									205
210	55.7	449.3	112,500	171,000*									210
215	54.1	445.6	108,100	169,200*									215
220	52.6	441.7	104,000	166,400*									220
225	51.0	437.6	100,000	163,500*	57.7	446.6	79,000	161,400*					225
230	49.3	433.3	96,200	160,200*	56.2	443.2	75,700	156,900*					230
235	47.6	428.6	92,500	156,900*	54.6	439.6	72,500	152,500*					235
240	45.9	423.7	89,000	153,600*	53.1	435.8	69,500	148,300*					240
245	44.1	418.5	85,600	150,100*	51.5	431.8	66,600	144,300*					245
250	42.2	413.0	82,400	146,600*	49.8	427.5	63,800	140,400*					250
255	40.3	407.0	79,300	143,200*	48.2	423.0	61,100	136,700*					255
260	38.2	400.6	76,300	139,700*	46.4	418.1	58,500	133,100*					260
270	33.9	386.3	70,500	132,900*	42.8	407.6	53,500	126,300*	50.1	419.2	36,900	114,800*	270
280	28.9	369.1	65,200	126,600*	38.9	395.5	48,900	120,000*	46.7	410.0	33,000	108,900*	280
290	23.0	347.4	60,100	118,000*	34.6	381.5	44,600	114,000*	43.1	399.5	29,300	103,400*	290
300	14.8	316.1	55,100	106,800*	29.8	364.9	40,500	108,400*	39.2	387.6	25,900	98,200*	300
310					24.0	344.1	36,600	103,100*	35.0	373.8	22,600	93,400*	310
320					16.4	315.0	32,700	98,000*	30.2	357.4	19,500	88,700*	320
330									24.6	337.1	16,500	84,300*	330
340									17.2	309.1	13,400	80,100*	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
 599,800 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	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
195	62.8	482.1	122,300	148,700*									195
200	61.5	479.4	117,200	148,700*									200
205	60.1	476.5	112,500	148,700*									205
210	58.8	473.4	107,900	148,700*									210
215	57.4	470.1	103,600	148,700*									215
220	56.1	466.7	99,400	148,700*									220
225	54.6	463.1	95,500	148,700*									225
230	53.2	459.3	91,700	148,300*									230
235	51.7	455.3	88,100	145,900*	57.9	464.0	67,500	141,200*					235
240	50.2	451.1	84,600	143,400*	56.5	460.6	64,500	141,200*					240
245	48.7	446.7	81,300	140,800*	55.1	457.1	61,700	140,400*					245
250	47.1	442.0	78,100	138,200*	53.7	453.4	58,900	136,600*					250
255	45.5	437.0	75,000	135,400*	52.2	449.4	56,300	132,900*					255
260	43.9	431.7	72,100	132,400*	50.7	445.3	53,700	129,400*					260
270	40.4	420.2	66,500	126,300*	47.6	436.3	48,900	122,600*					270
280	36.6	407.2	61,200	118,800*	44.4	426.3	44,400	116,400*	51.0	437.0	27,900	105,000*	280
290	32.4	392.0	56,300	111,400*	40.9	415.0	40,200	110,500*	47.9	428.1	24,400	99,500*	290
300	27.7	373.9	51,700	104,400*	37.2	402.2	36,200	105,000*	44.7	418.1	21,000	94,400*	300
310	22.0	351.2	47,200	97,700*	33.1	387.4	32,500	99,900*	41.2	407.0	17,900	89,700*	310
320	14.1	318.4	42,800	89,400*	28.5	369.8	28,900	95,000*	37.5	394.3	14,900	85,200*	320
330					23.0	348.0	25,500	90,300*	33.5	379.7	12,100	80,900*	330
340					15.6	317.6	22,100	85,800*	28.9	362.5	9,300	76,300*	340
350									23.5	341.1	6,700	71,800*	350
360									16.4	311.8	4,000	67,500*	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

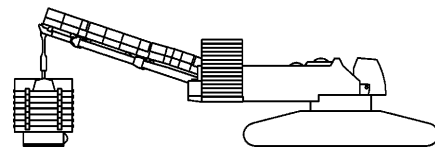
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



260 Ft. Boom, 270 Ft. Luffing Jib

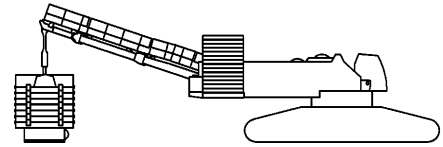
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
205	62.6	499.5	108,900	130,100*									205
210	61.4	496.7	104,400	130,100*									210
215	60.1	493.8	100,100	130,100*									215
220	58.9	490.7	95,900	130,100*									220
225	57.6	487.5	92,000	130,100*									225
230	56.4	484.1	88,300	130,100*									230
235	55.1	480.6	84,700	130,100*									235
240	53.7	476.9	81,200	130,100*									240
245	52.4	473.0	77,900	129,700*									245
250	51.0	468.9	74,800	126,200*	56.8	478.0	55,200	123,600*					250
255	49.6	464.5	71,700	122,600*	55.5	474.5	52,600	123,600*					255
260	48.2	460.0	68,800	118,800*	54.1	470.9	50,100	123,600*					260
270	45.2	450.3	63,200	111,500*	51.4	463.0	45,300	119,800*					270
280	42.1	439.4	58,100	104,400*	48.6	454.3	40,900	113,600*					280
290	38.7	427.2	53,300	97,500*	45.7	444.7	36,700	107,800*	51.7	454.7	20,600	96,600*	290
300	35.1	413.4	48,700	90,700*	42.6	434.0	32,800	102,400*	48.9	446.1	17,300	91,600*	300
310	31.1	397.5	44,500	84,200*	39.3	422.1	29,200	97,300*	46.0	436.5	14,300	86,800*	310
320	26.6	378.5	40,400	78,100*	35.7	408.5	25,700	92,400*	42.9	426.0	11,300	82,100*	320
330	21.1	354.8	36,500	72,300*	31.8	393.0	22,500	86,000*	39.6	414.1	8,600	77,300*	330
340	13.6	320.6	32,600	67,000*	27.3	374.6	19,300	79,800*	36.0	400.7	6,000	72,800*	340
350					22.1	351.8	16,300	74,000*	32.1	385.4	3,500	68,500*	350
360					15.0	320.1	13,200	68,600*	27.8	367.3	1,100	64,400*	360
370									22.6	345.0		60,400*	370
380									15.8	314.5		56,500*	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
 599,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



260 Ft. Boom, 290 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
215	62.4	516.8	95,400	113,100*									215
220	61.3	514.0	91,300	113,100*									220
225	60.1	511.1	87,400	113,100*									225
230	59.0	508.0	83,700	113,100*									230
235	57.8	504.8	80,100	113,100*									235
240	56.6	501.5	76,700	113,100*									240
245	55.4	498.0	73,400	113,100*									245
250	54.2	494.4	70,300	109,900*									250
255	52.9	490.5	67,300	106,500*									255
260	51.7	486.5	64,400	103,100*	57.0	495.4	45,200	106,300*					260
270	49.1	478.0	58,900	96,100*	54.6	488.4	40,500	106,300*					270
280	46.4	468.6	53,800	89,400*	52.1	480.6	36,100	103,300*					280
290	43.5	458.2	49,100	82,700*	49.5	472.2	32,000	96,900*					290
300	40.5	446.7	44,600	76,100*	46.8	462.9	28,200	90,500*	52.3	472.3	12,300	87,300*	300
310	37.3	433.9	40,400	69,800*	44.0	452.7	24,700	84,000*	49.7	463.9	9,300	82,000*	310
320	33.8	419.4	36,500	63,800*	41.0	441.5	21,300	77,400*	47.0	454.7	6,500	77,000*	320
330	30.0	402.7	32,800	58,000*	37.8	428.9	18,100	71,200*	44.2	444.6	3,800	72,300*	330
340	25.6	383.0	29,200	52,600*	34.4	414.7	15,100	65,200*	41.3	433.5	1,300	67,900*	340
350	20.3	358.2	25,700	47,500*	30.6	398.4	12,200	59,500*	38.1	421.0		63,700*	350
360	13.0	322.7	22,200	42,800*	26.3	379.2	9,400	54,000*	34.7	406.9		59,700*	360
370					21.2	355.4	6,700	48,800*	31.0	390.9		55,900*	370
380					14.4	322.5	4,000	44,100*	26.7	372.0		52,200*	380
390									21.7	348.7		48,700*	390
400									15.2	317.0		44,900*	400

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

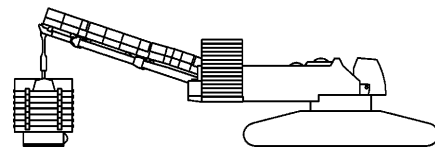
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



260 Ft. Boom, 310 Ft. Luffing Jib

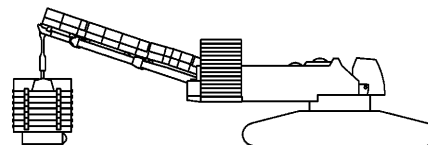
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
230	61.2	531.3	80,100	96,000*									230
235	60.1	528.4	76,600	96,000*									235
240	59.0	525.4	73,200	93,800*									240
245	57.9	522.2	69,900	90,800*									245
250	56.8	518.9	66,800	87,800*									250
255	55.7	515.4	63,800	84,800*									255
260	54.6	511.8	60,900	81,700*									260
270	52.2	504.2	55,500	75,800*	57.2	512.8	36,800	87,100*					270
280	49.8	495.8	50,400	69,800*	54.9	505.8	32,400	81,700*					280
290	47.3	486.7	45,700	63,900*	52.6	498.2	28,400	76,100*					290
300	44.7	476.8	41,300	58,200*	50.2	490.0	24,600	70,400*					300
310	42.0	465.9	37,200	52,700*	47.7	481.0	21,100	64,800*	52.8	489.9	5,500	74,900*	310
320	39.1	453.8	33,300	47,400*	45.2	471.2	17,800	59,200*	50.4	481.7	2,700	69,700*	320
330	36.0	440.4	29,600	42,400*	42.4	460.5	14,700	53,800*	48.0	472.8	100	64,600*	330
340	32.7	425.2	26,200	37,400*	39.6	448.6	11,700	48,500*	45.4	463.1		59,300*	340
350	28.9	407.8	22,800	32,800*	36.5	435.4	8,900	43,400*	42.7	452.4		54,100*	350
360	24.7	387.3	19,700	28,500*	33.2	420.5	6,200	38,500*	39.8	440.6		48,900*	360
370	19.6	361.6	16,600	24,400*	29.6	403.6	3,600	33,900*	36.8	427.6		43,900*	370
380	12.6	324.8	13,400	20,600*	25.4	383.6	1,200	29,500*	33.5	412.9		39,100*	380
390					20.5	359.0		25,400*	29.9	396.1		34,500*	390
400					13.9	324.8		21,500*	25.8	376.5		30,000*	400
410									21.0	352.3		25,900*	410
420									14.6	319.4		22,100*	420

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
 599,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



280 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
130	60.6	357.3	251,600	355,100*									130
135	56.7	353.9	239,600	340,800*									135
140	52.6	350.0	228,500	327,400*									140
145	48.3	345.4	218,100	314,900*									145
150	43.7	340.0	208,400	303,200*									150
155	38.5	333.6	199,200	292,200*									155
160	32.6	325.7	190,500	281,700*	55.3	344.9	163,700	263,800*					160
165	25.3	315.4	182,100	271,800*	51.2	340.7	156,800	254,700*					165
170	14.2	298.7	173,700	262,000*	46.7	335.9	150,200	246,100*					170
175					41.9	330.2	143,900	237,900*					175
180					36.5	323.3	137,900	230,200*					180
185					30.2	314.8	132,100	222,700*					185
190					22.1	303.0	126,400	215,500*	49.0	328.7	105,600	201,300*	190
195									44.4	323.4	101,200	195,100*	195
200									39.3	317.2	97,000	189,200*	200
205									33.5	309.6	92,900	183,400*	205
210									26.5	299.7	88,800	177,900*	210
215									16.3	284.6	84,500	172,300*	215

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

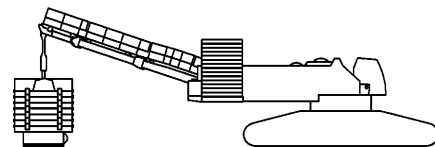
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



280 Ft. Boom, 110 Ft. Luffing Jib

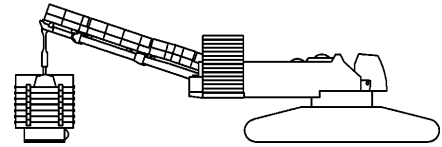
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
140	60.5	374.6	226,100	325,200*									140
145	57.3	371.3	216,000	312,900*									145
150	54.1	367.6	206,500	301,300*									150
155	50.7	363.4	197,600	290,500*									155
160	47.1	358.6	189,200	280,300*									160
165	43.2	353.2	181,400	270,700*									165
170	39.1	346.9	173,900	261,600*	56.2	362.4	147,600	243,800*					170
175	34.4	339.6	166,900	252,900*	52.9	358.5	141,500	235,800*					175
180	29.1	330.7	160,100	244,700*	49.4	354.1	135,800	228,200*					180
185	22.6	319.1	153,500	236,700*	45.8	349.1	130,400	221,100*					185
190	12.5	300.5	146,800	228,900*	41.8	343.4	125,200	214,200*					190
195					37.5	336.8	120,300	207,600*					195
200					32.7	329.0	115,500	201,400*	51.2	346.6	94,300	186,900*	200
205					27.0	319.3	110,800	195,300*	47.6	341.9	90,500	181,400*	205
210					19.7	306.1	106,100	189,400*	43.8	336.6	86,900	176,200*	210
215									39.7	330.5	83,300	171,100*	215
220									35.1	323.3	79,900	166,200*	220
225									29.9	314.7	76,500	161,500*	225
230									23.6	303.6	73,200	156,900*	230
235									14.5	286.7	69,600	152,200*	235

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
 599,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



280 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
145	62.9	394.9	211,200	286,000*									145
150	60.4	392.0	201,900	286,000*									150
155	57.8	388.7	193,100	285,900*									155
160	55.0	385.1	185,000	276,600*									160
165	52.2	381.1	177,300	267,100*									165
170	49.3	376.7	170,000	258,200*									170
175	46.2	371.9	163,200	249,700*									175
180	42.9	366.4	156,700	241,700*	56.8	379.8	130,900	224,200*					180
185	39.5	360.2	150,600	234,000*	54.1	376.1	125,600	217,100*					185
190	35.7	353.2	144,700	226,800*	51.2	371.9	120,600	210,400*					190
195	31.4	345.0	139,100	219,800*	48.2	367.4	115,800	204,000*					195
200	26.6	335.1	133,700	213,200*	45.1	362.3	111,300	197,900*					200
205	20.5	322.4	128,300	206,700*	41.7	356.6	107,000	192,100*					205
210	11.3	302.0	122,800	200,300*	38.2	350.2	102,800	186,500*	52.6	364.3	81,700	172,100*	210
215					34.2	342.8	98,800	181,200*	49.7	360.0	78,400	167,200*	215
220					29.8	334.1	94,900	176,000*	46.7	355.2	75,200	162,400*	220
225					24.6	323.4	91,000	171,000*	43.4	349.8	72,100	157,900*	225
230					17.9	309.0	87,200	166,100*	40.0	343.8	69,100	153,500*	230
235									36.2	336.9	66,200	149,300*	235
240									32.1	328.9	63,300	145,300*	240
245									27.3	319.3	60,600	141,300*	245
250									21.5	307.1	57,800	137,400*	250
255									13.1	288.7	54,800	133,500*	255

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

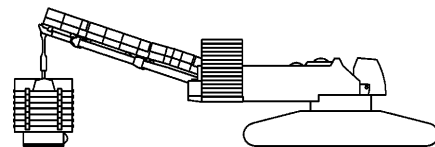
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



280 Ft. Boom, 150 Ft. Luffing Jib

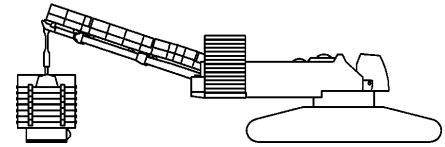
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
155	62.5	412.2	190,000	254,100*									155
160	60.3	409.3	181,900	254,000*									160
165	58.1	406.1	174,300	254,000*									165
170	55.7	402.6	167,200	249,400*									170
175	53.3	398.8	160,400	243,900*									175
180	50.9	394.6	154,100	238,100*									180
185	48.3	390.1	148,100	231,800*									185
190	45.6	385.1	142,300	224,700*	57.2	397.2	117,300	207,700*					190
195	42.7	379.6	136,900	217,900*	54.9	393.6	112,600	201,400*					195
200	39.7	373.5	131,700	211,400*	52.5	389.6	108,200	195,300*					200
205	36.5	366.7	126,800	205,200*	50.0	385.4	104,000	189,600*					205
210	33.0	359.0	122,000	199,200*	47.3	380.7	99,900	184,100*					210
215	29.1	350.0	117,400	193,500*	44.6	375.5	96,100	178,900*					215
220	24.6	339.3	113,000	188,000*	41.7	369.8	92,300	173,800*					220
225	18.9	325.5	108,600	182,700*	38.6	363.5	88,800	169,000*	51.2	377.8	68,700	155,200*	225
230	10.3	303.5	104,000	177,300*	35.3	356.4	85,300	164,400*	48.6	373.4	65,800	151,000*	230
235					31.7	348.3	82,000	159,900*	46.0	368.4	63,100	146,800*	235
240					27.6	338.8	78,800	155,600*	43.2	363.0	60,400	142,900*	240
245					22.7	327.2	75,600	151,300*	40.2	357.0	57,800	139,100*	245
250					16.5	311.6	72,300	147,200*	37.0	350.3	55,300	135,400*	250
255									33.5	342.7	52,900	131,800*	255
260									29.7	334.0	50,500	128,400*	260
270									19.9	310.4	45,800	121,700*	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
 599,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



280 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
165	62.2	429.5	169,500	224,500*									165
170	60.3	426.6	162,400	224,500*									170
175	58.3	423.4	155,700	224,500*									175
180	56.3	420.0	149,500	220,900*									180
185	54.2	416.3	143,500	216,600*									185
190	52.0	412.4	137,900	211,900*									190
195	49.8	408.0	132,600	206,900*									195
200	47.5	403.4	127,500	201,900*	57.6	414.6	103,000	191,200*					200
205	45.1	398.3	122,700	196,600*	55.5	411.0	98,900	185,600*					205
210	42.6	392.8	118,100	191,400*	53.4	407.3	94,900	180,200*					210
215	39.9	386.8	113,700	186,100*	51.2	403.2	91,200	175,000*					215
220	37.1	380.1	109,400	181,000*	49.0	398.7	87,600	170,000*					220
225	34.1	372.7	105,400	176,000*	46.7	394.0	84,100	165,300*					225
230	30.8	364.3	101,400	171,300*	44.2	388.7	80,800	160,700*					230
235	27.2	354.7	97,600	166,900*	41.7	383.0	77,600	156,400*	52.3	395.5	57,800	142,700*	235
240	22.9	343.1	93,900	162,900*	39.0	376.8	74,600	152,200*	50.1	391.3	55,200	138,800*	240
245	17.7	328.4	90,300	159,600*	36.1	369.9	71,600	148,100*	47.8	386.7	52,800	135,100*	245
250	9.6	304.9	86,400	156,400*	33.0	362.2	68,700	144,200*	45.4	381.7	50,400	131,500*	250
255					29.6	353.4	65,900	140,400*	42.9	376.2	48,100	128,000*	255
260					25.8	343.2	63,200	136,700*	40.3	370.3	45,900	124,700*	260
270					15.4	314.0	57,700	129,600*	34.6	356.4	41,600	118,300*	270
280									27.7	338.8	37,500	112,300*	280
290									18.5	313.4	33,500	106,600*	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

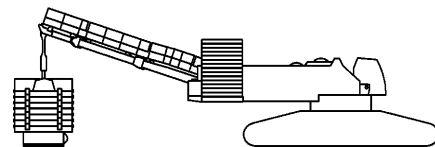
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



280 Ft. Boom, 190 Ft. Luffing Jib

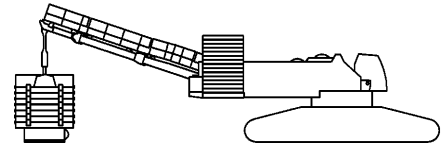
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
175	62.0	446.8	152,400	197,700*									175
180	60.3	443.9	146,100	197,700*									180
185	58.5	440.8	140,300	197,700*									185
190	56.7	437.4	134,700	196,300*									190
195	54.8	433.8	129,400	192,800*									195
200	52.9	430.0	124,400	189,100*									200
205	51.0	425.9	119,600	185,200*									205
210	48.9	421.4	115,100	181,000*	57.8	431.9	91,400	177,300*					210
215	46.9	416.7	110,700	176,900*	56.0	428.5	87,600	172,100*					215
220	44.7	411.6	106,600	172,500*	54.1	424.8	84,100	167,200*					220
225	42.5	406.0	102,600	168,200*	52.2	420.9	80,700	162,500*					225
230	40.1	400.0	98,800	163,800*	50.2	416.6	77,500	158,000*					230
235	37.6	393.5	95,200	159,500*	48.2	412.1	74,400	153,700*					235
240	35.0	386.3	91,600	155,400*	46.1	407.2	71,400	149,600*					240
245	32.1	378.4	88,200	151,300*	43.9	402.0	68,500	145,600*					245
250	29.1	369.4	84,900	147,500*	41.6	396.3	65,700	141,700*	51.2	409.1	46,800	128,700*	250
255	25.6	359.1	81,700	144,000*	39.2	390.1	63,000	138,000*	49.2	404.7	44,500	125,300*	255
260	21.6	346.8	78,600	140,800*	36.7	383.4	60,500	134,500*	47.2	400.0	42,400	122,000*	260
270	9.0	306.1	72,100	135,000*	31.1	367.6	55,500	127,700*	42.8	389.5	38,300	115,700*	270
280					24.3	347.3	50,800	121,200*	38.0	377.1	34,400	109,900*	280
290					14.4	316.4	46,000	115,000*	32.6	362.1	30,800	104,400*	290
300									26.1	343.3	27,300	99,200*	300
310									17.4	316.3	23,700	94,100*	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
 599,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



280 Ft. Boom, 210 Ft. Luffing Jib

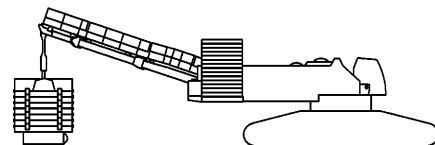
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
185	61.8	464.2	135,400	174,500*									185
190	60.2	461.2	129,900	174,500*									190
195	58.6	458.1	124,600	174,500*									195
200	57.0	454.8	119,700	174,300*									200
205	55.3	451.3	115,000	171,600*									205
210	53.6	447.5	110,500	168,600*									210
215	51.9	443.6	106,200	165,400*									215
220	50.1	439.3	102,100	162,100*									220
225	48.2	434.8	98,200	158,600*	56.4	445.9	75,600	158,500*					225
230	46.4	430.0	94,500	155,100*	54.7	442.3	72,400	154,100*					230
235	44.4	424.8	90,900	151,500*	53.0	438.5	69,400	149,800*					235
240	42.4	419.2	87,500	147,900*	51.3	434.4	66,500	145,700*					240
245	40.2	413.3	84,200	144,200*	49.4	430.1	63,600	141,800*					245
250	38.0	406.9	81,000	140,700*	47.6	425.4	60,900	138,000*					250
255	35.7	399.8	77,900	137,100*	45.7	420.5	58,300	134,300*					255
260	33.2	392.2	74,900	133,700*	43.7	415.2	55,800	130,800*	52.1	426.7	37,100	117,900*	260
270	27.5	374.1	69,200	127,300*	39.5	403.4	51,100	124,100*	48.5	418.1	33,200	111,700*	270
280	20.5	350.2	63,800	122,000*	34.8	389.5	46,600	117,900*	44.7	408.2	29,500	106,000*	280
290	8.4	307.4	58,200	113,300*	29.5	372.8	42,400	112,000*	40.5	396.8	26,000	100,600*	290
300					23.0	351.2	38,300	106,500*	36.0	383.5	22,700	95,600*	300
310					13.7	318.5	34,200	101,100*	30.9	367.6	19,500	90,800*	310
320									24.8	347.5	16,500	86,300*	320
330									16.5	319.0	13,400	81,800*	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
599,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



280 Ft. Boom, 230 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
195	61.7	481.5	121,100	154,300*									195
200	60.2	478.6	116,200	154,300*									200
205	58.7	475.5	111,500	154,300*									205
210	57.3	472.2	107,100	154,300*									210
215	55.7	468.7	102,800	153,100*									215
220	54.2	465.1	98,800	150,800*									220
225	52.6	461.2	94,900	148,200*									225
230	51.0	457.1	91,200	145,600*									230
235	49.4	452.7	87,700	142,700*	56.7	463.3	65,700	146,900*					235
240	47.7	448.1	84,300	139,800*	55.2	459.8	62,800	142,800*					240
245	45.9	443.2	81,000	136,900*	53.7	456.0	60,100	138,900*					245
250	44.1	438.0	77,900	133,900*	52.1	452.1	57,400	135,200*					250
255	42.3	432.5	74,900	130,800*	50.4	447.9	54,800	131,500*					255
260	40.3	426.5	72,000	127,800*	48.8	443.5	52,400	128,100*					260
270	36.2	413.3	66,400	121,800*	45.3	433.7	47,700	121,500*	52.9	444.4	29,400	108,800*	270
280	31.6	397.7	61,300	116,100*	41.6	422.7	43,300	115,300*	49.6	436.0	25,800	103,100*	280
290	26.2	378.7	56,400	110,900*	37.6	410.1	39,200	109,500*	46.2	426.6	22,400	97,800*	290
300	19.5	353.5	51,600	106,800*	33.2	395.4	35,400	104,100*	42.5	415.9	19,200	92,900*	300
310	8.0	308.6	46,700	95,600*	28.1	377.6	31,700	99,000*	38.6	403.7	16,200	88,200*	310
320					21.9	355.0	28,100	94,100*	34.3	389.6	13,300	83,800*	320
330					13.0	320.6	24,500	89,300*	29.4	372.7	10,600	79,100*	330
340									23.6	351.5	7,900	74,600*	340
350									15.7	321.6	5,200	70,100*	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

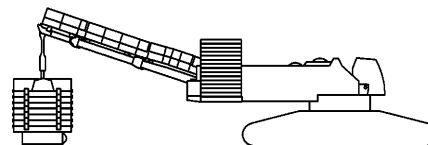
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



280 Ft. Boom, 250 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
200	62.8	501.5	111,400	135,000*									200
205	61.5	498.8	106,700	135,000*									205
210	60.2	495.9	102,300	135,000*									210
215	58.9	492.8	98,100	135,000*									215
220	57.5	489.6	94,100	135,000*									220
225	56.1	486.1	90,300	135,000*									225
230	54.7	482.6	86,600	134,100*									230
235	53.3	478.8	83,100	132,100*									235
240	51.8	474.8	79,800	130,000*									240
245	50.3	470.6	76,600	127,700*	57.0	480.7	55,000	129,500*					245
250	48.8	466.1	73,500	125,400*	55.6	477.2	52,400	129,500*					250
255	47.2	461.5	70,500	123,000*	54.2	473.5	49,900	127,600*					255
260	45.6	456.5	67,600	120,600*	52.7	469.7	47,400	124,200*					260
270	42.2	445.7	62,200	115,500*	49.8	461.3	42,900	117,700*					270
280	38.6	433.5	57,200	110,400*	46.6	452.0	38,600	111,600*					280
290	34.6	419.5	52,400	105,400*	43.3	441.6	34,600	105,900*	50.5	453.8	17,200	93,800*	290
300	30.2	403.0	48,000	100,800*	39.8	429.9	30,900	100,600*	47.4	444.7	14,100	88,900*	300
310	25.1	383.0	43,700	96,700*	36.0	416.5	27,300	95,600*	44.2	434.6	11,200	83,800*	310
320	18.6	356.6	39,600	93,400*	31.7	401.0	24,000	90,800*	40.7	423.3	8,500	78,900*	320
330	7.6	309.7	35,200	79,300*	26.9	382.3	20,800	86,400*	36.9	410.3	5,900	74,300*	330
340					20.9	358.5	17,600	82,000*	32.8	395.4	3,400	69,900*	340
350					12.4	322.6	14,400	77,800*	28.1	377.6	1,000	65,700*	350
360									22.6	355.4		61,700*	360
370									15.0	324.0		57,700*	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

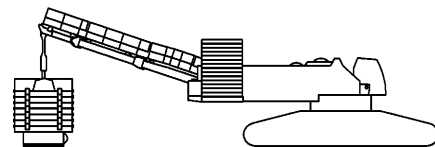
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



280 Ft. Boom, 270 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
210	62.6	518.9	98,700	118,600*									210
215	61.4	516.1	94,500	118,600*									215
220	60.2	513.2	90,600	118,600*									220
225	58.9	510.1	86,700	118,600*									225
230	57.7	506.9	83,100	118,600*									230
235	56.4	503.5	79,600	118,600*									235
240	55.1	500.0	76,300	118,600*									240
245	53.8	496.3	73,100	117,900*									245
250	52.4	492.4	70,000	116,100*									250
255	51.1	488.3	67,100	114,400*	57.2	498.0	46,100	112,800*					255
260	49.7	484.0	64,300	112,500*	55.9	494.6	43,700	112,800*					260
270	46.8	474.8	58,900	108,600*	53.3	487.2	39,200	112,800*					270
280	43.7	464.5	53,900	104,400*	50.6	479.1	35,000	108,800*					280
290	40.5	453.0	49,300	99,800*	47.7	470.2	31,100	103,100*					290
300	37.0	440.1	44,900	93,300*	44.7	460.2	27,400	97,900*	51.3	471.5	10,300	85,000*	300
310	33.3	425.4	40,800	86,900*	41.6	449.2	23,900	92,900*	48.4	462.8	7,500	79,900*	310
320	29.0	408.1	36,900	80,700*	38.2	436.8	20,700	88,200*	45.5	453.1	4,800	75,100*	320
330	24.1	387.2	33,100	74,900*	34.5	422.7	17,600	83,800*	42.4	442.3	2,300	70,600*	330
340	17.9	359.7	29,500	69,400*	30.5	406.3	14,600	79,700*	39.0	430.3		66,300*	340
350	7.3	310.8	25,600	64,500*	25.8	386.8	11,800	75,500*	35.5	416.6		62,200*	350
360					20.1	361.9	9,000	71,000*	31.5	400.9		58,300*	360
370					11.9	324.6	6,100	66,600*	27.0	382.3		54,500*	370
380									21.7	359.1		50,900*	380
390									14.4	326.4		47,300*	390

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

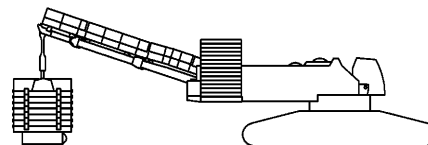
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



280 Ft. Boom, 290 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
220	62.4	536.2	85,800	103,500*									220
225	61.3	533.4	82,000	103,500*									225
230	60.2	530.5	78,400	103,500*									230
235	59.0	527.5	74,900	103,500*									235
240	57.8	524.3	71,600	103,500*									240
245	56.7	520.9	68,500	103,500*									245
250	55.4	517.5	65,500	103,500*									250
255	54.2	513.8	62,500	103,500*									255
260	53.0	510.0	59,700	103,000*									260
270	50.4	501.8	54,400	98,100*	56.2	512.0	34,200	97,300*					270
280	47.8	492.9	49,500	91,400*	53.8	504.8	30,100	97,300*					280
290	45.0	483.0	44,900	85,100*	51.3	496.9	26,200	97,300*					290
300	42.1	472.1	40,600	78,700*	48.7	488.2	22,600	93,300*					300
310	39.0	460.0	36,600	72,400*	45.9	478.6	19,300	87,100*	51.9	489.2	2,400	74,700*	310
320	35.7	446.5	32,800	66,400*	43.1	468.1	16,100	81,100*	49.3	480.7		69,900*	320
330	32.0	431.0	29,200	60,700*	40.0	456.4	13,100	74,900*	46.6	471.4		65,500*	330
340	27.9	413.0	25,800	55,200*	36.8	443.4	10,200	69,000*	43.8	461.1		61,200*	340
350	23.2	391.2	22,500	49,900*	33.2	428.6	7,500	63,000*	40.8	449.7		57,200*	350
360	17.2	362.6	19,200	45,100*	29.3	411.5	4,900	57,500*	37.6	437.0		53,400*	360
370	7.0	311.8	15,700	40,800*	24.8	391.1	2,400	52,200*	34.1	422.7		49,800*	370
380					19.4	365.2		47,200*	30.3	406.3		46,400*	380
390					11.4	326.4		42,600*	26.0	386.8		43,000*	390
400									20.9	362.7		39,800*	400
410									13.9	328.7		36,500*	410

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

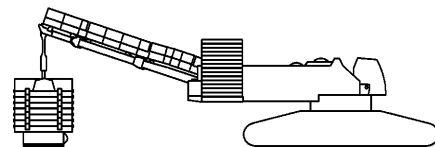
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

 Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



280 Ft. Boom, 310 Ft. Luffing Jib

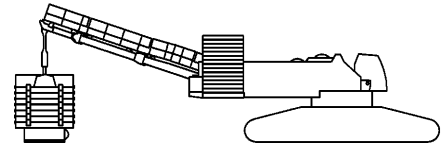
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
230	62.3	553.5	74,800	88,300*								230	
235	61.2	550.7	71,300	88,300*								235	
240	60.2	547.8	68,000	88,300*								240	
245	59.1	544.8	64,900	88,300*								245	
250	58.0	541.6	61,900	88,300*								250	
255	56.9	538.3	59,000	86,100*								255	
260	55.8	534.9	56,200	83,300*								260	
270	53.5	527.5	50,900	77,600*								270	
280	51.1	519.5	46,100	71,900*	56.5	529.4	26,300	82,500*				280	
290	48.6	510.9	41,500	66,200*	54.2	522.3	22,500	78,500*				290	
300	46.1	501.4	37,300	60,600*	51.9	514.5	19,000	73,100*				300	
310	43.4	491.0	33,300	55,200*	49.4	506.0	15,600	67,800*				310	
320	40.6	479.5	29,500	49,900*	46.9	496.8	12,500	62,400*	52.5	506.8	66,000*	320	
330	37.6	466.8	26,000	44,800*	44.3	486.7	9,500	57,000*	50.1	498.5	61,600*	330	
340	34.4	452.6	22,700	39,900*	41.5	475.6	6,700	51,800*	47.6	489.5	57,400*	340	
350	30.9	436.5	19,500	35,100*	38.6	463.4	4,100	46,700*	45.0	479.6	53,400*	350	
360	27.0	417.7	16,400	30,700*	35.5	449.7	1,600	41,800*	42.2	468.8	49,700*	360	
370	22.4	395.0	13,500	26,500*	32.1	434.2		37,000*	39.4	456.8	46,100*	370	
380	16.6	365.4	10,500	22,500*	28.3	416.4		32,400*	36.3	443.5	42,700*	380	
390	6.7	312.8	7,400	19,000*	24.0	395.2		28,100*	33.0	428.6	38,300*	390	
400					18.7	368.4		24,100*	29.3	411.4	33,800*	400	
410					11.0	328.2		20,400*	25.1	391.2	29,500*	410	
420									20.1	366.1	25,400*	420	
430									13.4	330.9	21,600*	430	

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
 599,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



300 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
135	60.7	376.8	230,700	320,200*									135
140	56.8	373.4	220,000	318,000*									140
145	52.8	369.4	210,000	307,800*									145
150	48.5	364.9	200,600	296,300*									150
155	43.8	359.5	191,800	285,600*									155
160	38.7	353.1	183,500	275,400*									160
165	32.8	345.4	175,500	265,800*	56.8	365.1	146,700	246,400*					165
170	25.6	335.2	167,900	256,600*	52.7	361.1	140,500	238,100*					170
175	14.8	318.9	160,100	247,500*	48.4	356.5	134,600	230,200*					175
180					43.7	351.2	129,000	222,700*					180
185					38.6	344.8	123,600	215,600*					185
190					32.7	337.0	118,400	208,700*					190
195					25.4	326.7	113,300	202,100*	51.9	350.0	90,400	186,500*	195
200					14.4	310.2	107,900	195,500*	47.6	345.2	86,600	180,900*	200
205									42.8	339.7	82,900	175,400*	205
210									37.6	333.1	79,300	170,200*	210
215									31.5	325.0	75,800	165,200*	215
220									23.8	314.0	72,200	160,200*	220
225									11.0	294.5	68,200	155,100*	225

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 140 Ft. Mast No. 56

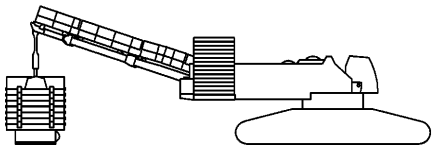
492,000 Lb. Crane Counterweight

320,000 Lb. Carbody Counterweight

599,800 Lb. Hanging Counterweight
at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

300 Ft. Boom, 110 Ft. Luffing Jib

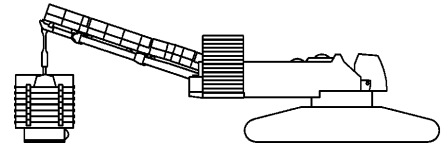
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
145	60.6	394.1	207,500	284,000*									145
150	57.4	390.8	198,300	281,100*									150
155	54.2	387.0	189,700	281,100*									155
160	50.8	382.9	181,700	273,600*									160
165	47.2	378.1	174,100	264,300*									165
170	43.4	372.7	166,900	255,400*									170
175	39.2	366.5	160,200	247,000*	57.4	382.5	131,800	227,800*					175
180	34.6	359.2	153,700	239,000*	54.1	378.7	126,400	220,500*					180
185	29.3	350.3	147,500	231,300*	50.7	374.5	121,200	213,500*					185
190	22.8	338.9	141,400	223,900*	47.1	369.8	116,400	206,900*					190
195	13.0	320.7	135,200	216,700*	43.3	364.4	111,700	200,600*					195
200					39.1	358.1	107,300	194,600*					200
205					34.5	350.8	102,900	188,800*					205
210					29.2	341.9	98,800	183,200*	50.1	363.4	76,600	168,000*	210
215					22.7	330.4	94,600	177,700*	46.5	358.5	73,400	163,200*	215
220					12.7	312.0	90,200	172,300*	42.6	352.9	70,300	158,500*	220
225									38.3	346.5	67,300	154,100*	225
230									33.6	339.0	64,400	149,700*	230
235									28.1	329.7	61,400	145,500*	235
240									21.3	317.5	58,500	141,400*	240
245									9.6	295.6	55,100	137,000*	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
 599,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



300 Ft. Boom, 130 Ft. Luffing Jib

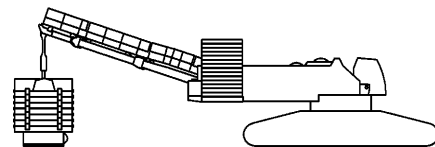
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
155	60.5	411.4	185,000	253,500*									155
160	57.8	408.1	177,100	249,900*									160
165	55.1	404.6	169,700	248,400*									165
170	52.3	400.6	162,700	242,900*									170
175	49.4	396.2	156,100	236,900*									175
180	46.3	391.4	149,900	230,800*									180
185	43.1	385.9	143,900	224,500*	57.8	399.9	116,100	209,400*					185
190	39.6	379.8	138,300	218,400*	55.1	396.3	111,400	202,900*					190
195	35.8	372.8	132,900	212,400*	52.3	392.3	106,900	196,700*					195
200	31.6	364.6	127,800	206,700*	49.3	387.9	102,600	190,800*					200
205	26.7	354.9	122,800	201,600*	46.3	383.0	98,500	185,200*					205
210	20.8	342.2	117,800	195,700*	43.0	377.6	94,600	179,800*					210
215	11.7	322.4	112,800	189,700*	39.5	371.4	90,900	174,600*					215
220					35.7	364.4	87,200	169,600*	51.7	381.2	65,100	154,400*	220
225					31.5	356.2	83,700	164,900*	48.8	376.7	62,300	150,100*	225
230					26.6	346.4	80,300	160,200*	45.7	371.7	59,600	145,900*	230
235					20.6	333.7	76,800	155,700*	42.4	366.1	56,900	141,900*	235
240					11.5	313.6	73,200	151,100*	38.8	359.9	54,400	138,100*	240
245									35.0	352.7	51,900	134,300*	245
250									30.7	344.2	49,400	130,700*	250
255									25.7	334.0	47,000	127,200*	255
260									19.3	320.5	44,500	123,600*	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
599,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



300 Ft. Boom, 150 Ft. Luffing Jib

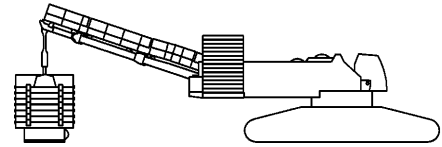
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
160	62.6	431.6	173,900	224,200*									160
165	60.4	428.7	166,500	223,700*									165
170	58.1	425.5	159,600	223,300*									170
175	55.8	422.0	153,100	220,800*									175
180	53.4	418.2	147,000	216,300*									180
185	50.9	414.1	141,200	211,400*									185
190	48.4	409.6	135,700	206,300*									190
195	45.7	404.6	130,500	201,000*									195
200	42.8	399.1	125,500	195,900*	55.8	413.7	99,300	188,100*					200
205	39.8	393.1	120,700	190,600*	53.4	409.9	95,300	182,500*					205
210	36.6	386.3	116,200	185,500*	50.9	405.8	91,500	177,200*					210
215	33.1	378.6	111,800	180,600*	48.3	401.2	87,800	172,100*					215
220	29.2	369.7	107,500	176,100*	45.6	396.3	84,400	167,300*					220
225	24.7	359.0	103,400	172,000*	42.8	390.8	81,000	162,600*					225
230	19.2	345.4	99,300	168,600*	39.8	384.7	77,800	158,100*	52.9	398.8	56,000	143,200*	230
235	10.8	324.0	95,100	167,000*	36.6	377.9	74,700	153,800*	50.4	394.6	53,500	139,200*	235
240					33.0	370.2	71,700	149,700*	47.8	390.0	51,100	135,500*	240
245					29.1	361.3	68,700	145,600*	45.1	384.9	48,700	131,800*	245
250					24.6	350.6	65,800	141,700*	42.3	379.4	46,500	128,300*	250
255					19.1	336.8	62,900	137,900*	39.2	373.2	44,300	124,900*	255
260					10.5	315.1	59,800	134,000*	35.9	366.2	42,100	121,700*	260
270									28.4	349.1	38,000	115,400*	270
280									17.8	323.4	33,800	109,300*	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
 599,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



300 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
170	62.3	449.0	154,600	196,600*									170
175	60.4	446.0	148,200	196,600*									175
180	58.4	442.9	142,200	196,600*									180
185	56.3	439.5	136,500	195,300*									185
190	54.2	435.8	131,000	191,600*									190
195	52.1	431.8	125,900	187,700*									195
200	49.9	427.5	121,000	183,600*									200
205	47.6	422.9	116,400	179,400*									205
210	45.2	417.8	111,900	175,000*	56.3	431.2	86,300	173,100*					210
215	42.7	412.3	107,700	170,700*	54.2	427.5	82,700	168,100*					215
220	40.0	406.3	103,600	166,400*	52.0	423.5	79,300	163,300*					220
225	37.2	399.7	99,700	162,100*	49.8	419.2	76,100	158,700*					225
230	34.2	392.3	96,000	158,000*	47.5	414.5	73,000	154,300*					230
235	31.0	384.0	92,400	154,000*	45.1	409.5	70,000	150,100*					235
240	27.3	374.4	88,800	150,400*	42.6	404.0	67,100	146,000*					240
245	23.1	362.9	85,400	147,200*	40.0	398.0	64,400	142,100*	51.6	412.4	43,400	127,600*	245
250	17.9	348.3	82,000	144,600*	37.2	391.3	61,700	138,400*	49.4	408.0	41,200	124,200*	250
255	10.0	325.4	78,300	143,400*	34.2	383.9	59,100	134,700*	47.1	403.3	39,100	120,900*	255
260					30.9	375.6	56,500	131,200*	44.7	398.2	37,100	117,700*	260
270					23.0	354.5	51,600	124,400*	39.5	386.5	33,200	111,700*	270
280					9.8	316.5	46,400	117,700*	33.6	372.1	29,600	106,000*	280
290									26.5	353.7	26,000	100,600*	290
300									16.6	326.1	22,400	95,300*	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

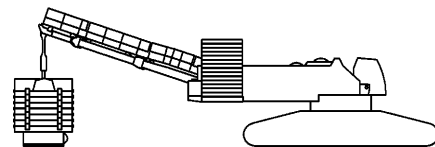
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



300 Ft. Boom, 190 Ft. Luffing Jib

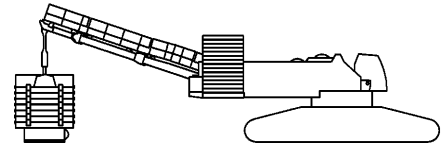
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
180	62.1	466.3	138,700	175,600*									180
185	60.3	463.3	133,100	175,600*									185
190	58.5	460.2	127,700	175,600*									190
195	56.7	456.9	122,600	174,200*									195
200	54.9	453.3	117,800	171,200*									200
205	53.0	449.4	113,200	168,000*									205
210	51.0	445.3	108,800	164,600*									210
215	49.0	440.9	104,600	161,200*									215
220	46.9	436.2	100,600	157,500*	56.7	448.6	75,700	160,400*					220
225	44.8	431.1	96,800	153,900*	54.8	445.0	72,500	155,900*					225
230	42.5	425.5	93,200	150,200*	52.9	441.1	69,500	151,500*					230
235	40.2	419.6	89,600	146,600*	51.0	437.0	66,600	147,300*					235
240	37.7	413.1	86,300	143,000*	49.0	432.6	63,700	143,300*					240
245	35.1	405.9	83,000	139,400*	46.9	427.9	61,000	139,500*					245
250	32.2	398.0	79,800	136,100*	44.7	422.7	58,400	135,800*					250
255	29.2	389.0	76,800	132,900*	42.5	417.2	55,900	132,200*	52.6	430.0	35,400	118,000*	255
260	25.7	378.8	73,800	129,900*	40.1	411.2	53,500	128,800*	50.6	425.9	33,400	114,800*	260
270	16.8	351.0	67,900	125,400*	35.0	397.5	48,900	122,200*	46.5	416.6	29,700	108,900*	270
280					29.1	380.6	44,500	116,000*	42.1	405.8	26,200	103,300*	280
290					21.7	358.1	40,300	110,200*	37.2	393.1	22,900	98,100*	290
300					9.1	317.8	35,800	104,400*	31.7	377.7	19,800	93,200*	300
310									25.0	357.9	16,700	88,400*	310
320									15.6	328.6	13,600	83,800*	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
 599,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



300 Ft. Boom, 210 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
190	61.9	483.6	122,700	155,600*									190
195	60.3	480.7	117,700	155,600*									195
200	58.7	477.6	112,900	155,600*									200
205	57.1	474.3	108,400	154,800*									205
210	55.4	470.7	104,100	152,400*									210
215	53.7	467.0	99,900	149,800*									215
220	51.9	463.0	96,000	147,000*									220
225	50.2	458.8	92,300	144,200*									225
230	48.3	454.3	88,700	141,200*	57.0	466.0	64,200	147,400*					230
235	46.4	449.5	85,200	138,200*	55.4	462.5	61,400	143,300*					235
240	44.5	444.3	81,900	135,100*	53.6	458.7	58,600	139,300*					240
245	42.4	438.8	78,700	132,000*	51.9	454.7	56,000	135,500*					245
250	40.3	432.8	75,700	128,900*	50.1	450.5	53,500	131,900*					250
255	38.1	426.4	72,700	125,900*	48.3	446.0	51,000	128,300*					255
260	35.7	419.4	69,900	122,900*	46.4	441.1	48,700	124,900*					260
270	30.6	403.3	64,400	117,300*	42.4	430.4	44,200	118,500*	51.6	443.6	24,400	104,700*	270
280	24.4	383.0	59,300	112,400*	38.0	418.0	40,000	112,500*	47.9	434.7	21,000	99,300*	280
290	15.9	353.7	54,200	108,900*	33.2	403.4	36,100	106,900*	44.1	424.6	17,900	94,200*	290
300					27.6	385.4	32,300	101,500*	39.9	413.0	14,900	89,400*	300
310					20.5	361.5	28,600	96,400*	35.3	399.3	12,100	84,400*	310
320					8.6	319.1	24,700	91,300*	30.0	382.9	9,400	79,600*	320
330									23.7	362.0	6,700	74,900*	330
340									14.8	331.0	3,900	70,300*	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

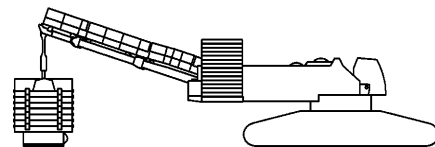
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



300 Ft. Boom, 230 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
200	61.7	500.9	109,300	138,300*									200
205	60.3	498.0	104,800	138,300*									205
210	58.8	494.9	100,600	138,300*									210
215	57.3	491.6	96,500	138,000*									215
220	55.8	488.2	92,600	136,100*									220
225	54.3	484.5	88,900	134,000*									225
230	52.7	480.6	85,300	131,700*									230
235	51.1	476.6	81,900	129,400*									235
240	49.4	472.2	78,600	126,900*	57.3	483.3	54,900	133,100*					240
245	47.7	467.6	75,500	124,400*	55.8	479.9	52,300	132,600*					245
250	46.0	462.7	72,500	121,900*	54.2	476.2	49,800	129,000*					250
255	44.2	457.5	69,600	119,300*	52.7	472.4	47,400	125,500*					255
260	42.3	452.0	66,800	116,700*	51.0	468.2	45,100	122,100*					260
270	38.4	439.7	61,500	111,600*	47.7	459.3	40,700	115,700*					270
280	34.1	425.5	56,500	106,600*	44.2	449.2	36,600	109,800*	52.4	461.3	17,200	96,300*	280
290	29.1	408.4	51,800	102,000*	40.4	437.7	32,800	104,300*	49.1	452.7	14,100	91,000*	290
300	23.2	386.9	47,400	98,000*	36.2	424.5	29,200	99,000*	45.6	443.1	11,200	85,700*	300
310	15.2	356.1	42,900	95,300*	31.6	409.0	25,800	94,100*	42.0	432.2	8,500	80,800*	310
320					26.3	390.0	22,500	89,400*	38.0	419.8	5,900	76,000*	320
330					19.5	364.8	19,200	84,900*	33.6	405.3	3,500	71,600*	330
340					8.2	320.3	15,800	80,400*	28.6	387.9	1,100	67,300*	340
350									22.5	365.8		63,200*	350
360									14.1	333.3		59,000*	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

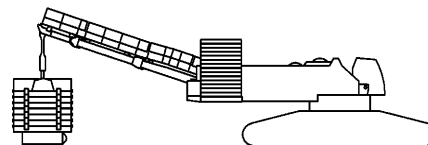
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



300 Ft. Boom, 250 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
205	62.9	521.0	99,900	121,600*									205
210	61.6	518.2	95,600	121,600*									210
215	60.2	515.3	91,600	121,600*									215
220	58.9	512.2	87,700	121,600*									220
225	57.5	509.0	84,100	121,600*									225
230	56.1	505.6	80,600	120,700*									230
235	54.7	502.0	77,200	119,000*									235
240	53.3	498.2	74,000	117,200*									240
245	51.8	494.2	70,900	115,400*									245
250	50.3	490.0	67,900	113,400*	57.5	500.7	44,600	116,600*					250
255	48.8	485.6	65,100	111,400*	56.1	497.3	42,300	116,600*					255
260	47.2	480.9	62,300	109,300*	54.7	493.7	40,000	116,600*					260
270	44.0	470.8	57,100	105,000*	51.8	485.9	35,700	111,800*					270
280	40.5	459.3	52,300	100,600*	48.8	477.3	31,700	106,000*					280
290	36.7	446.3	47,700	96,300*	45.6	467.7	28,000	100,500*					290
300	32.6	431.2	43,500	92,300*	42.2	456.9	24,500	95,400*	50.0	470.6	6,000	80,400*	300
310	27.9	413.2	39,400	88,600*	38.6	444.7	21,200	90,600*	46.9	461.4	3,400	75,500*	310
320	22.2	390.7	35,500	85,300*	34.7	430.7	18,100	86,000*	43.6	451.1	900	70,900*	320
330	14.5	358.5	31,600	83,300*	30.3	414.3	15,100	81,700*	40.1	439.5		66,500*	330
340					25.1	394.3	12,200	77,200*	36.3	426.3		62,400*	340
350					18.7	368.0	9,400	72,700*	32.1	411.0		58,500*	350
360					7.8	321.5	6,300	68,000*	27.4	392.6		54,700*	360
370									21.6	369.5		51,000*	370
380									13.4	335.5		47,300*	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

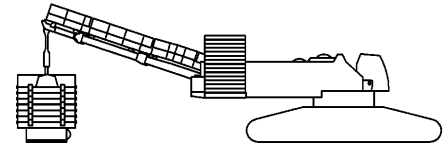
320,000 Lb. Carbody Counterweight

599,800 Lb. Hanging Counterweight
at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



300 Ft. Boom, 270 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 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		
215	62.7	538.3	87,900	107,300*								215	
220	61.5	535.5	84,100	107,300*								220	
225	60.2	532.6	80,500	107,300*								225	
230	59.0	529.6	77,000	107,300*								230	
235	57.7	526.4	73,600	107,300*								235	
240	56.4	523.0	70,400	107,300*								240	
245	55.1	519.5	67,400	105,900*								245	
250	53.8	515.8	64,400	104,500*								250	
255	52.5	511.9	61,600	103,000*								255	
260	51.1	507.8	58,900	101,500*	57.7	518.1	36,200	102,000*				260	
270	48.3	499.0	53,700	98,100*	55.1	511.2	32,000	102,000*				270	
280	45.3	489.3	48,900	94,500*	52.5	503.6	28,000	102,000*				280	
290	42.2	478.4	44,500	90,900*	49.7	495.2	24,400	97,700*				290	
300	38.9	466.3	40,300	87,200*	46.8	485.9	20,900	92,600*				300	
310	35.3	452.6	36,300	83,700*	43.8	475.7	17,700	87,800*	50.8	488.4	71,500*	310	
320	31.3	436.7	32,600	80,400*	40.5	464.2	14,700	83,300*	48.0	479.5	67,000*	320	
330	26.8	417.9	29,000	77,100*	37.1	451.3	11,800	78,500*	45.0	469.6	62,700*	330	
340	21.3	394.4	25,600	71,700*	33.3	436.6	9,000	73,900*	41.9	458.7	58,600*	340	
350	13.9	360.8	22,100	66,600*	29.1	419.4	6,400	69,500*	38.5	446.4	54,800*	350	
360					24.1	398.5	3,900	65,300*	34.9	432.5	51,100*	360	
370					17.9	371.0	1,300	61,300*	30.9	416.4	47,600*	370	
380					7.4	322.6		57,000*	26.3	397.2	44,200*	380	
390									20.7	373.0	40,900*	390	
400									12.9	337.6	37,600*	400	

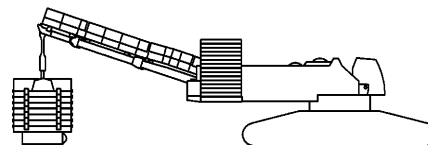


Liftcrane Luffing Jib Capacities

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
 599,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



300 Ft. Boom, 290 Ft. Luffing Jib

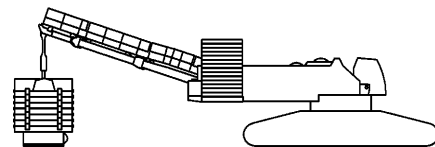
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
225	62.5	555.6	75,600	92,100*								225	
230	61.4	552.8	72,100	92,100*								230	
235	60.2	549.9	68,800	92,100*								235	
240	59.1	546.9	65,600	92,100*								240	
245	57.9	543.7	62,600	92,100*								245	
250	56.7	540.4	59,700	92,100*								250	
255	55.5	536.9	56,900	92,100*								255	
260	54.3	533.3	54,200	91,600*								260	
270	51.8	525.5	49,100	89,300*	57.9	535.4	26,800	87,000*				270	
280	49.2	516.9	44,400	85,000*	55.5	528.6	23,000	87,000*				280	
290	46.5	507.6	40,000	79,400*	53.0	521.2	19,400	87,000*				290	
300	43.6	497.2	35,900	73,900*	50.5	513.0	16,000	87,000*				300	
310	40.6	485.8	32,100	68,400*	47.8	504.0	12,900	82,000*				310	
320	37.4	473.0	28,400	63,000*	45.0	494.2	9,900	76,600*	51.5	506.0	61,600*	320	
330	33.9	458.6	25,000	57,800*	42.1	483.3	7,100	71,300*	48.9	497.4	57,400*	330	
340	30.1	442.0	21,700	52,700*	39.0	471.2	4,500	66,000*	46.2	488.0	53,500*	340	
350	25.8	422.4	18,500	47,900*	35.7	457.7	2,000	60,800*	43.3	477.5	49,700*	350	
360	20.5	397.9	15,500	43,400*	32.0	442.2		55,700*	40.3	466.0	46,100*	360	
370	13.4	363.0	12,400	39,300*	28.0	424.2		50,800*	37.1	453.1	42,700*	370	
380					23.2	402.5		46,100*	33.6	438.5	39,500*	380	
390					17.3	373.9		41,700*	29.7	421.6	36,300*	390	
400					7.1	323.6		37,900*	25.3	401.6	33,300*	400	
410									19.9	376.4	30,400*	410	
420									12.4	339.6	27,400*	420	

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
599,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



300 Ft. Boom, 310 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 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		
235	62.3	572.9	65,100	80,400*								235	
240	61.3	570.2	62,000	80,400*								240	
245	60.2	567.3	59,000	80,400*								245	
250	59.1	564.2	56,100	80,400*								250	
255	58.0	561.1	53,300	80,400*								255	
260	56.9	557.8	50,600	80,400*								260	
270	54.7	550.7	45,600	78,700*								270	
280	52.3	543.1	40,900	73,400*								280	
290	49.9	534.8	36,500	68,000*	55.8	546.0	15,600	75,800*				290	
300	47.4	525.7	32,500	62,700*	53.5	538.7	12,300	75,000*				300	
310	44.8	515.8	28,700	57,300*	51.1	530.7	9,200	70,100*				310	
320	42.1	504.9	25,100	52,100*	48.7	522.0	6,300	64,900*				320	
330	39.2	492.9	21,700	47,100*	46.1	512.5	3,500	59,900*	52.1	523.7	53,400*	330	
340	36.1	479.5	18,500	42,200*	43.5	502.1	900	54,800*	49.7	515.3	49,500*	340	
350	32.8	464.4	15,400	37,400*	40.6	490.7		49,800*	47.2	506.1	45,800*	350	
360	29.1	447.1	12,500	32,900*	37.7	478.0		44,800*	44.6	496.1	42,300*	360	
370	24.9	426.7	9,700	28,500*	34.5	463.8		40,100*	41.8	485.1	38,900*	370	
380	19.8	401.3	7,000	24,500*	30.9	447.7		35,500*	38.9	473.0	35,700*	380	
390	12.9	365.1	4,200	20,700*	27.0	429.0		30,900*	35.8	459.5	32,700*	390	
400					22.4	406.3		26,800*	32.4	444.2	29,800*	400	
410					16.7	376.7		22,900*	28.7	426.6	26,900*	410	
420					6.9	324.7		19,400*	24.4	405.8	24,200*	420	
430									19.2	379.7	21,500*	430	
440									12.0	341.6	18,800*	440	



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

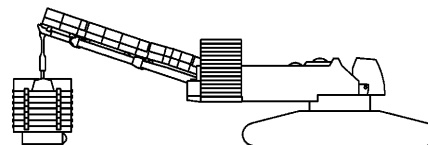
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



320 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 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	
140	60.8	396.2	214,500	272,300*									140
145	57.0	392.8	204,700	272,000*									145
150	52.9	388.9	195,600	267,800*									150
155	48.6	384.3	187,000	265,300*									155
160	44.0	379.0	178,900	261,700*									160
165	38.9	372.7	171,300	254,600*									165
170	33.0	365.0	164,000	247,800*									170
175	25.9	354.9	156,900	241,800*	54.2	381.4	128,400	225,100*					175
180	15.3	339.1	149,700	235,900*	50.0	377.1	123,100	217,800*					180
185					45.5	372.0	118,000	210,900*					185
190					40.6	366.1	113,100	204,200*					190
195					35.0	358.9	108,300	197,900*					195
200					28.3	349.7	103,700	191,700*					200
205					19.3	336.5	99,000	185,700*	50.6	366.7	76,300	170,100*	205
210									46.2	361.8	72,900	165,100*	210
215									41.3	356.0	69,700	160,300*	215
220									35.8	348.9	66,600	155,600*	220
225									29.3	340.1	63,400	151,100*	225
230									20.9	327.7	60,200	146,600*	230

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

Boom No. 55 or No. 55A with 140 Ft. Mast No. 56

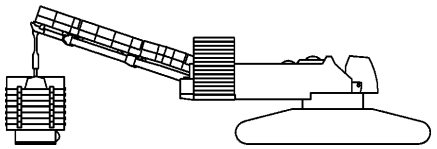
492,000 Lb. Crane Counterweight

320,000 Lb. Carbody Counterweight

599,800 Lb. Hanging Counterweight
at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

320 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
150	60.7	413.5	193,000	239,900*									150
155	57.6	410.2	184,600	239,000*									155
160	54.3	406.5	176,700	239,000*									160
165	50.9	402.3	169,400	236,800*									165
170	47.3	397.6	162,400	231,800*									170
175	43.5	392.2	155,800	225,600*									175
180	39.4	386.0	149,500	219,500*									180
185	34.8	378.8	143,500	213,500*	55.3	399.0	115,100	208,500*					185
190	29.5	370.0	137,800	208,200*	52.0	394.9	110,500	202,000*					190
195	23.1	358.7	132,100	203,600*	48.5	390.4	106,000	195,900*					195
200	13.5	341.0	126,400	200,800*	44.7	385.2	101,800	190,000*					200
205					40.7	379.3	97,700	184,400*					205
210					36.3	372.4	93,800	179,000*					210
215					31.3	364.2	89,900	173,800*	52.5	384.5	66,700	157,900*	215
220					25.3	353.9	86,100	168,700*	49.0	380.0	63,900	153,400*	220
225					17.2	339.1	82,300	163,700*	45.3	375.0	61,100	149,100*	225
230									41.3	369.2	58,400	144,900*	230
235									36.9	362.5	55,700	140,900*	235
240									32.0	354.4	53,100	137,000*	240
245									26.2	344.5	50,500	133,200*	245
250									18.6	330.6	47,800	129,400*	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

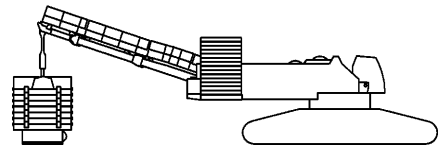
599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



320 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
160	60.6	430.8	171,900	215,400*									160
165	57.9	427.6	164,600	212,800*									165
170	55.2	424.0	157,800	212,100*									170
175	52.4	420.1	151,400	210,100*									175
180	49.5	415.7	145,300	205,200*									180
185	46.4	410.9	139,600	200,000*									185
190	43.2	405.4	134,100	194,700*									190
195	39.7	399.3	128,900	189,500*	56.1	416.4	100,900	191,800*					195
200	35.9	392.4	123,900	184,600*	53.3	412.6	96,800	186,000*					200
205	31.7	384.3	119,100	179,800*	50.4	408.4	92,900	180,500*					205
210	26.9	374.6	114,400	175,500*	47.4	403.7	89,100	175,300*					210
215	21.0	362.1	109,800	172,000*	44.2	398.4	85,600	170,200*					215
220	12.2	342.7	105,100	170,000*	40.8	392.6	82,100	165,400*					220
225					37.2	385.9	78,800	160,800*					225
230					33.1	378.2	75,500	156,300*	50.8	398.0	53,100	140,800*	230
235					28.5	369.1	72,400	151,900*	47.8	393.3	50,600	137,000*	235
240					23.0	357.7	69,300	147,700*	44.7	388.2	48,300	133,200*	240
245					15.6	341.5	66,000	143,500*	41.3	382.4	46,000	129,600*	245
250									37.7	375.9	43,700	126,100*	250
255									33.7	368.3	41,600	122,800*	255
260									29.2	359.4	39,400	119,500*	260
270									16.9	333.3	34,900	113,000*	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

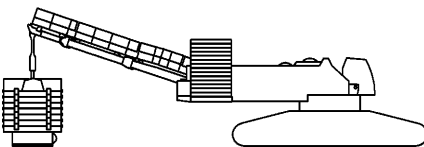
320,000 Lb. Carbody Counterweight

599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

320 Ft. Boom, 150 Ft. Luffing Jib

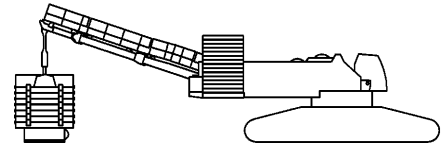
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
165	62.7	451.0	161,300	189,900*									165
170	60.5	448.1	154,600	188,700*									170
175	58.2	445.0	148,200	188,600*									175
180	55.9	441.5	142,300	187,900*									180
185	53.5	437.7	136,600	186,400*									185
190	51.0	433.6	131,200	182,300*									190
195	48.5	429.0	126,200	178,300*									195
200	45.8	424.1	121,300	173,800*									200
205	42.9	418.6	116,700	169,400*	56.6	433.9	89,400	177,700*					205
210	40.0	412.6	112,200	165,200*	54.3	430.2	85,800	172,500*					210
215	36.7	405.8	108,000	160,900*	51.8	426.1	82,300	167,600*					215
220	33.3	398.2	103,900	156,900*	49.3	421.8	79,000	162,800*					220
225	29.4	389.3	100,000	153,100*	46.6	417.0	75,800	158,300*					225
230	24.9	378.8	96,100	149,700*	43.8	411.7	72,700	153,900*					230
235	19.4	365.3	92,300	147,000*	40.9	405.8	69,700	149,700*					235
240	11.2	344.4	88,300	145,700*	37.8	399.3	66,900	145,700*	52.2	415.7	44,700	130,400*	240
245					34.4	392.0	64,100	141,800*	49.6	411.4	42,500	126,900*	245
250					30.6	383.5	61,400	138,000*	47.0	406.6	40,400	123,500*	250
255					26.4	373.6	58,700	134,300*	44.2	401.4	38,400	120,200*	255
260					21.3	361.2	56,100	130,700*	41.3	395.6	36,400	117,100*	260
270									34.9	382.0	32,600	111,100*	270
280									27.0	364.0	28,900	105,300*	280
290									15.5	335.7	25,100	99,700*	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
 599,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



320 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
175	62.4	468.4	143,100	167,900*									175
180	60.4	465.5	137,200	167,900*									180
185	58.4	462.3	131,700	167,900*									185
190	56.4	458.9	126,400	167,900*									190
195	54.3	455.2	121,400	165,500*									195
200	52.2	451.3	116,600	162,200*									200
205	49.9	447.0	112,100	158,700*									205
210	47.6	442.4	107,800	155,100*									210
215	45.3	437.3	103,700	151,400*	57.0	451.2	76,900	163,400*					215
220	42.8	431.9	99,700	147,700*	55.0	447.7	73,700	158,700*					220
225	40.1	425.9	95,900	144,100*	52.8	443.8	70,600	154,200*					225
230	37.3	419.2	92,300	140,500*	50.6	439.6	67,600	149,900*					230
235	34.3	411.9	88,800	137,000*	48.4	435.1	64,800	145,800*					235
240	31.1	403.6	85,400	133,700*	46.0	430.2	62,000	141,900*					240
245	27.4	394.1	82,100	130,700*	43.6	424.9	59,400	138,100*					245
250	23.3	382.7	78,900	128,000*	41.0	419.0	56,800	134,400*					250
255	18.1	368.2	75,600	126,000*	38.2	412.6	54,400	130,800*	51.0	429.2	32,900	116,000*	255
260	10.4	345.9	72,200	125,100*	35.3	405.5	52,000	127,400*	48.7	424.7	31,100	112,900*	260
270					28.6	388.5	47,400	120,900*	43.9	414.6	27,500	107,100*	270
280					19.9	364.5	42,800	114,600*	38.6	402.5	24,100	101,600*	280
290									32.6	387.7	20,900	96,400*	290
300									25.2	368.4	17,700	91,500*	300
310									14.5	338.0	14,400	86,600*	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

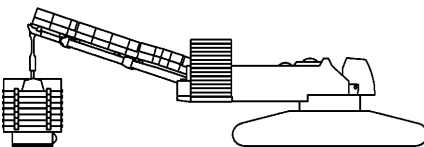
320,000 Lb. Carbody Counterweight

599,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

320 Ft. Boom, 190 Ft. Luffing Jib

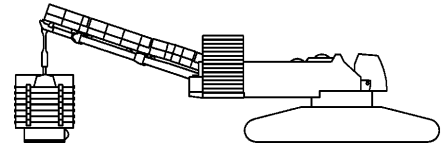
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
185	62.1	485.7	128,100	150,200*									185
190	60.4	482.8	122,900	150,200*									190
195	58.6	479.6	118,000	150,200*									195
200	56.8	476.3	113,300	150,200*									200
205	54.9	472.7	108,800	147,800*									205
210	53.0	468.9	104,500	145,000*									210
215	51.1	464.8	100,500	142,100*									215
220	49.1	460.4	96,600	139,100*									220
225	47.0	455.7	92,900	136,000*	57.4	468.6	66,900	146,000*					225
230	44.9	450.6	89,300	132,900*	55.5	465.1	64,000	146,000*					230
235	42.6	445.1	85,900	129,800*	53.6	461.4	61,200	143,000*					235
240	40.3	439.1	82,600	126,700*	51.7	457.4	58,500	139,100*					240
245	37.8	432.6	79,500	123,700*	49.7	453.1	55,900	135,300*					245
250	35.2	425.5	76,400	120,700*	47.7	448.4	53,400	131,700*					250
255	32.4	417.6	73,400	117,900*	45.5	443.5	51,000	128,200*					255
260	29.3	408.7	70,600	115,200*	43.3	438.1	48,700	124,800*					260
270	21.9	386.4	65,000	110,700*	38.6	426.0	44,300	118,500*	50.0	442.6	23,800	104,200*	270
280	9.7	347.3	59,300	108,600*	33.3	411.4	40,200	112,500*	45.8	433.1	20,500	98,800*	280
290					27.0	393.1	36,200	106,800*	41.3	422.1	17,500	93,800*	290
300					18.7	367.6	32,300	101,400*	36.4	409.0	14,600	89,000*	300
310									30.7	393.1	11,800	84,000*	310
320									23.8	372.4	9,000	79,100*	320
330									13.6	340.1	6,100	74,300*	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
 599,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



320 Ft. Boom, 210 Ft. Luffing Jib

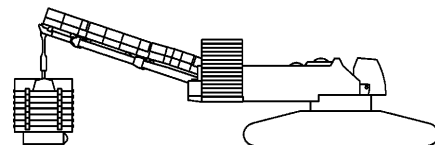
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
195	61.9	503.0	112,900	133,600*									195
200	60.3	500.1	108,200	133,600*									200
205	58.7	497.0	103,800	133,600*									205
210	57.1	493.7	99,600	133,300*									210
215	55.4	490.2	95,600	131,200*									215
220	53.7	486.5	91,800	129,000*									220
225	52.0	482.5	88,200	126,600*									225
230	50.2	478.3	84,700	124,100*									230
235	48.4	473.8	81,300	121,500*	57.6	486.0	55,800	129,000*					235
240	46.5	469.0	78,100	118,900*	56.0	482.6	53,200	129,000*					240
245	44.5	463.8	75,000	116,300*	54.3	478.9	50,700	129,000*					245
250	42.5	458.3	72,000	113,800*	52.6	475.0	48,300	127,600*					250
255	40.4	452.4	69,200	111,100*	50.8	470.9	45,900	124,200*					255
260	38.2	446.0	66,400	108,500*	49.0	466.5	43,700	120,900*					260
270	33.3	431.4	61,200	103,600*	45.2	456.7	39,500	114,600*					270
280	27.8	413.5	56,200	99,200*	41.1	445.5	35,500	108,800*	51.0	460.4	15,100	94,400*	280
290	20.8	389.9	51,400	95,600*	36.6	432.5	31,700	103,300*	47.4	451.4	12,200	88,900*	290
300	9.2	348.7	46,400	94,100*	31.5	416.9	28,200	98,100*	43.4	441.1	9,500	83,800*	300
310					25.6	397.5	24,800	93,200*	39.2	429.1	6,800	78,900*	310
320					17.7	370.5	21,400	88,500*	34.5	415.1	4,400	74,300*	320
330									29.1	398.1	1,900	69,900*	330
340									22.5	376.2		65,600*	340
350									12.8	342.2		61,300*	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
599,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



320 Ft. Boom, 230 Ft. Luffing Jib

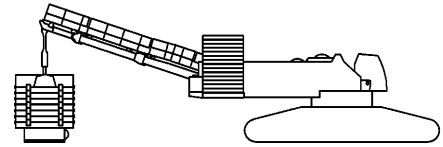
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing 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	
205	61.8	520.3	100,200	119,200*									205
210	60.3	517.4	96,000	119,200*									210
215	58.9	514.3	92,100	119,200*									215
220	57.4	511.1	88,300	118,600*									220
225	55.9	507.6	84,700	116,900*									225
230	54.3	504.0	81,200	115,100*									230
235	52.7	500.1	77,900	113,100*									235
240	51.1	496.0	74,700	111,200*									240
245	49.5	491.7	71,700	109,000*	57.8	503.4	46,900	114,200*					245
250	47.8	487.1	68,700	106,900*	56.3	500.0	44,500	114,200*					250
255	46.1	482.2	65,900	104,700*	54.8	496.4	42,200	114,200*					255
260	44.3	477.0	63,200	102,400*	53.2	492.6	40,000	114,200*					260
270	40.5	465.6	58,100	98,000*	50.0	484.3	35,800	111,800*					270
280	36.4	452.4	53,300	93,700*	46.6	475.0	32,000	106,000*					280
290	31.8	437.0	48,700	89,700*	43.0	464.5	28,300	100,600*	51.9	478.1	8,300	84,900*	290
300	26.4	418.1	44,400	86,100*	39.1	452.6	24,900	95,500*	48.6	469.4	5,700	79,900*	300
310	19.8	393.2	40,300	83,300*	34.8	438.7	21,600	90,700*	45.1	459.6	3,200	75,100*	310
320	8.7	350.0	35,900	82,300*	30.0	422.2	18,500	86,200*	41.4	448.6	800	70,600*	320
330					24.4	401.7	15,500	81,900*	37.3	435.8		66,300*	330
340					16.9	373.3	12,500	77,400*	32.9	420.9		62,200*	340
350									27.7	403.0		58,300*	350
360									21.5	379.9		54,500*	360
370									12.2	344.1		50,700*	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
 599,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



320 Ft. Boom, 250 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
215	61.6	537.6	87,000	104,800*									215
220	60.3	534.7	83,300	104,800*									220
225	58.9	531.7	79,700	104,800*									225
230	57.6	528.4	76,300	104,800*									230
235	56.2	525.0	73,100	103,400*									235
240	54.8	521.5	69,900	101,900*									240
245	53.4	517.7	66,900	100,400*									245
250	51.9	513.7	64,000	98,700*									250
255	50.4	509.5	61,300	97,000*									255
260	48.9	505.1	58,600	95,200*	56.6	517.4	34,700	101,000*					260
270	45.7	495.5	53,600	91,500*	53.8	510.1	30,700	101,000*					270
280	42.3	484.7	48,900	87,800*	50.9	502.1	26,900	101,000*					280
290	38.7	472.6	44,500	84,100*	47.8	493.2	23,400	96,700*					290
300	34.8	458.6	40,300	80,500*	44.6	483.2	20,000	91,700*	52.6	495.7	200	74,300*	300
310	30.4	442.3	36,400	77,300*	41.1	472.0	16,900	87,000*	49.6	487.4		69,600*	310
320	25.3	422.5	32,700	74,400*	37.4	459.3	14,000	82,400*	46.4	478.0		65,200*	320
330	18.9	396.4	29,000	72,200*	33.3	444.6	11,100	77,600*	43.1	467.5		61,100*	330
340	8.3	351.3	25,100	71,600*	28.7	427.2	8,400	73,100*	39.6	455.7		57,100*	340
350					23.3	405.7	5,800	68,700*	35.7	442.2		53,400*	350
360					16.1	376.0	3,100	64,500*	31.4	426.5		49,800*	360
370									26.5	407.6		46,300*	370
380									20.5	383.4		42,900*	380
390									11.7	346.0		39,500*	390

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

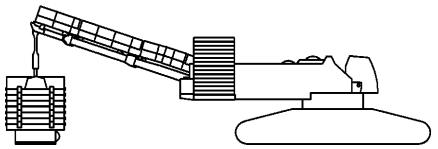
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56

492,000 Lb. Crane Counterweight

320,000 Lb. Carbody Counterweight

 599,800 Lb. Hanging Counterweight
at 59 Ft. Position

360 Degree Rating

 Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**

320 Ft. Boom, 270 Ft. Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 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		
225	61.5	554.9	76,000	90,800*								225	
230	60.3	552.0	72,600	90,800*								230	
235	59.0	549.0	69,400	90,800*								235	
240	57.8	545.8	66,300	90,800*								240	
245	56.5	542.4	63,300	90,800*								245	
250	55.2	538.9	60,500	89,600*								250	
255	53.9	535.2	57,700	88,400*								255	
260	52.5	531.3	55,100	87,200*								260	
270	49.8	523.0	50,100	84,400*	56.9	534.7	26,800	87,100*				270	
280	46.9	513.7	45,500	81,500*	54.3	527.6	23,100	87,100*				280	
290	43.8	503.5	41,100	78,400*	51.6	519.8	19,600	87,100*				290	
300	40.6	492.1	37,100	75,400*	48.8	511.2	16,400	87,100*				300	
310	37.2	479.2	33,200	72,400*	45.9	501.6	13,300	83,600*				310	
320	33.4	464.5	29,600	69,500*	42.8	491.0	10,400	78,700*	50.4	505.2	61,200*	320	
330	29.2	447.4	26,200	66,800*	39.5	479.1	7,700	74,000*	47.5	496.1	57,100*	330	
340	24.3	426.6	22,900	64,600*	35.9	465.7	5,100	69,600*	44.5	486.1	53,300*	340	
350	18.1	399.5	19,600	62,600*	32.0	450.2	2,600	65,400*	41.4	475.0	49,600*	350	
360	7.9	352.5	16,200	58,500*	27.6	432.0	200	61,400*	38.0	462.5	46,100*	360	
370					22.4	409.5		57,500*	34.3	448.3	42,700*	370	
380					15.5	378.5		53,600*	30.2	431.8	39,500*	380	
390									25.5	412.0	36,400*	390	
400									19.7	386.7	33,400*	400	
410									11.2	347.8	30,300*	410	