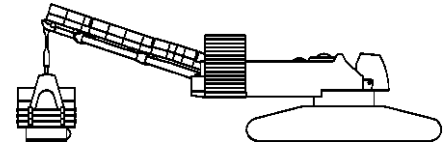


Liftcrane Luffing Jib Capacities

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
467,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With
21000 MAX-ER



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

Luffing Jib Backward Stability: Capacities indicated by (b) require 21,000 Lb. minimum weight suspended beneath luffing jib point. **Caution: Do not luff into areas indicated by (b) without required minimum weights.** Luffing jib will not luff down and luffing hoist wire rope may overhaul luffing jib and cause luffing hoist to go slack causing wire rope damage or failure.

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

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

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc. beneath luffing jib point sheaves is considered part of luffing jib load. Boom and luffing jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with mast up and bearing turntable level within a tolerance of 1/2 in. in 10 Ft. and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib assembly **No. A08238**, Wire Rope Specification chart **No. 8592-A or 8592-B**, Counterweight Arrangement chart **No. 8577-A** and Luffing Jib Raising Procedure chart **No. 8556-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to Operator's Manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface and boom and luffing jib within angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8564-A**.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts. Luffing jib angle is angle between horizontal and centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

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

MACHINE EQUIPMENT: Machine equipped with MAX-ER, 38 Ft. 9 in. crawlers, 60 in. treads, 30 Ft. live mast, 140 Ft. mast, 16 part boom hoist reeving, boom support straps, 24 part luffing jib hoist reeving, luffing jib and backstay support straps, 492,000 Lb. crane counterweight, 320,000 Lb. carbody counterweight and 467,800 Lb. hanging counterweight.

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

Upper Luffing Jib Point Capacity For Liftcrane Service - Whip Line		
28 mm		32 mm
Drum 2	Drum 3	Drum 2
Single Part Line		
35,800 Lb.	30,000 Lb.	48,800 Lb.
Two Part Line		
Upper Boom Point No. A08516		
71,600 Lb.	60,000 Lb.	97,600 Lb.
In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacity.		

Boom and/or Jib Catwalks Deduct

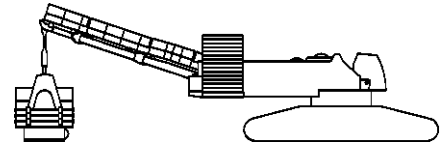
Deduct 1,300 Lbs. from capacities when boom and/or jib catwalks are attached.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	64.5	248.0	443,500	603,700*(b)													80
85	60.8	245.0	411,800	567,000*													85
90	57.0	241.6	383,800	534,200*													90
95	52.9	237.7	358,900	504,800*													95
100	48.6	233.2	336,600	478,200*	59.8	240.7	315,200	463,900*									100
105	44.0	227.9	316,500	454,000*	55.9	237.2	296,400	440,600*									105
110	38.9	221.5	298,200	431,800*	51.8	233.1	279,400	419,200*									110
115	33.0	213.8	281,400	411,500*	47.4	228.4	263,900	399,600*									115
120	25.9	203.7	265,800	363,500*	42.6	222.8	249,700	381,600*	54.5	231.3	232,700	370,100*					120
125					37.3	216.2	236,500	364,900*	50.3	227.0	220,500	354,000*					125
130					31.2	207.9	224,200	349,300*	45.8	222.0	209,300	339,100*					130
135					23.4	196.8	212,600	334,700*	40.8	216.1	198,800	325,200*	52.6	223.8	184,300	315,400*	135
140					9.9	176.1	200,800	284,700*	35.3	208.9	189,000	312,200*	48.3	219.2	175,300	302,900*	140
145									28.7	199.9	179,700	300,000*	43.7	213.8	166,900	291,200*	145
150									20.0	187.1	170,700	288,300*	38.5	207.4	159,000	280,200*	150
155													32.6	199.6	151,400	269,800*	155
160													25.3	189.3	144,200	259,900*	160
165													14.2	172.6	136,800	250,200*	165

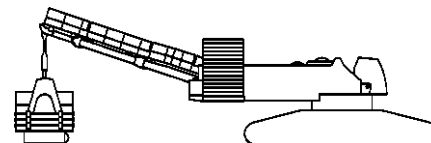
Capacities indicated by (b) require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	66.6	267.9	411,100	565,200*													85
90	63.7	265.3	383,200	532,600*													90
95	60.7	262.3	358,400	503,300*													95
100	57.5	259.0	336,300	476,900*													100
105	54.3	255.3	316,400	452,900*	62.8	261.1	295,000	438,700*									105
110	50.9	251.1	298,400	431,000*	59.8	258.1	278,100	417,500*									110
115	47.3	246.4	281,900	410,900*	56.7	254.7	262,800	398,100*									115
120	43.5	241.0	266,900	392,400*	53.4	250.8	248,800	380,200*									120
125	39.4	234.9	253,100	375,400*	49.9	246.5	236,000	363,700*									125
130	34.8	227.6	240,300	357,200*	46.3	241.6	224,100	348,500*	55.5	248.8	207,700	337,400*					130
135	29.5	218.8	228,400	336,000*	42.4	236.0	213,100	334,300*	52.2	244.8	197,500	323,700*					135
140	23.1	207.5	217,100	298,800*	38.1	229.6	202,900	321,000*	48.7	240.3	188,000	310,900*					140
145					33.4	221.9	193,300	308,600*	45.0	235.2	179,200	299,000*					145
150					27.9	212.6	184,200	296,900*	40.9	229.3	170,900	287,800*	50.7	237.2	157,400	278,500*	150
155					20.9	200.1	175,500	285,800*	36.5	222.5	163,100	277,300*	47.1	232.5	150,200	268,400*	155
160					8.6	177.0	166,400	236,100*	31.6	214.4	155,700	267,300*	43.2	227.0	143,400	258,900*	160
165									25.7	204.2	148,600	257,800*	39.1	220.8	137,000	249,800*	165
170									17.7	189.8	141,600	248,700*	34.5	213.4	130,900	241,300*	170
175													29.1	204.5	125,100	233,200*	175
180													22.6	192.9	119,400	225,300*	180
185													12.5	174.3	113,500	217,600*	185

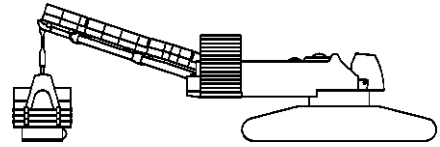


Liftcrane Luffing Jib Capacities

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
 467,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



160 Ft. Boom, 130 Ft. Luffing Jib

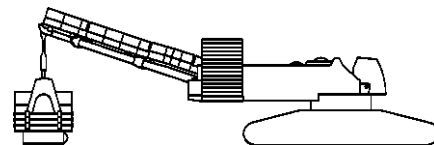
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib 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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95	65.6	285.2	355,500	500,100*													95
100	63.1	282.6	333,400	473,800*													100
105	60.6	279.6	313,600	449,900*													105
110	57.9	276.4	295,700	428,100*													110
115	55.2	272.8	279,400	408,100*	62.4	278.4	259,200	394,600*									115
120	52.4	268.9	264,500	389,800*	59.8	275.4	245,300	376,900*									120
125	49.5	264.5	250,900	372,900*	57.2	272.1	232,600	360,500*									125
130	46.4	259.7	238,300	357,200*	54.5	268.4	220,900	345,400*									130
135	43.2	254.2	226,700	338,900*	51.6	264.3	210,000	331,300*									135
140	39.7	248.1	215,900	319,800*	48.7	259.8	200,000	318,300*	56.2	266.3	184,100	307,500*					140
145	35.9	241.2	205,800	302,400*	45.5	254.8	190,600	306,000*	53.5	262.5	175,400	295,700*					145
150	31.7	233.1	196,300	286,500*	42.2	249.2	181,900	294,600*	50.6	258.3	167,300	284,600*					150
155	26.9	223.4	187,400	271,800*	38.7	242.9	173,700	283,800*	47.6	253.6	159,800	274,300*					155
160	21.0	210.9	178,800	240,500*	34.8	235.7	166,000	273,700*	44.4	248.4	152,600	264,500*	52.2	255.0	139,300	255,400*	160
165					30.5	227.2	158,700	264,100*	41.0	242.6	145,900	255,300*	49.3	250.6	133,100	246,500*	165
170					25.4	216.9	151,700	255,000*	37.4	235.9	139,600	246,600*	46.2	245.7	127,300	238,200*	170
175					19.0	203.2	144,900	246,300*	33.4	228.3	133,500	238,400*	43.0	240.2	121,800	230,200*	175
180					7.6	177.9	137,700	193,900*	28.8	219.3	127,700	230,500*	39.5	234.1	116,500	222,700*	180
185									23.4	208.0	122,200	223,000*	35.7	227.1	111,500	215,600*	185
190									16.1	192.3	116,600	215,700*	31.4	218.9	106,700	208,600*	190
195													26.6	209.0	102,000	202,000*	195
200													20.5	196.3	97,500	195,500*	200
205													11.3	175.9	92,700	189,100*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100	67.0	305.0	331,600	471,500*													100
105	64.9	302.5	311,700	447,700*													105
110	62.7	299.9	293,800	425,900*													110
115	60.5	297.0	277,600	406,100*													115
120	58.2	293.8	262,700	387,800*													120
125	55.9	290.3	249,200	370,900*	62.1	295.7	230,200	358,200*									125
130	53.5	286.5	236,700	355,400*	59.9	292.7	218,500	343,100*									130
135	51.0	282.4	225,100	340,700*	57.6	289.5	207,800	329,200*									135
140	48.5	277.9	214,400	321,500*	55.2	285.9	197,800	316,100*									140
145	45.8	272.9	204,500	304,100*	52.8	282.0	188,600	304,000*									145
150	42.9	267.5	195,200	288,200*	50.3	277.8	179,900	292,600*	56.8	283.7	164,700	282,300*					150
155	39.9	261.4	186,600	273,600*	47.7	273.1	171,900	282,000*	54.4	280.0	157,200	272,000*					155
160	36.7	254.7	178,400	260,100*	45.0	268.1	164,300	272,000*	52.0	276.0	150,200	262,300*					160
165	33.2	247.0	170,700	247,700*	42.1	262.5	157,200	262,500*	49.4	271.7	143,600	253,200*					165
170	29.4	238.1	163,400	236,100*	39.1	256.2	150,500	253,600*	46.8	266.9	137,400	244,600*					170
175	24.9	227.6	156,500	225,200*	35.8	249.2	144,100	245,200*	44.0	261.6	131,500	236,500*	50.9	268.5	119,100	228,000*	175
180	19.4	214.1	149,700	198,100*	32.2	241.3	138,100	237,200*	41.1	255.8	126,000	228,800*	48.3	263.9	114,000	220,500*	180
185					28.2	232.0	132,300	229,600*	38.0	249.3	120,700	221,500*	45.6	258.9	109,100	213,500*	185
190					23.5	220.8	126,700	222,300*	34.6	242.0	115,700	214,500*	42.7	253.4	104,500	206,700*	190
195					17.5	206.0	121,300	205,700*	30.9	233.7	110,900	207,900*	39.7	247.4	100,100	200,200*	195
200					6.9	178.7	115,400	162,100*	26.6	223.8	106,200	201,400*	36.5	240.6	95,900	194,000*	200
205									21.6	211.6	101,700	195,100*	33.0	232.8	91,900	188,100*	205
210									14.8	194.6	97,100	189,000*	29.1	223.9	87,900	182,400*	210
215													24.6	213.1	84,100	176,900*	215
220													19.0	199.4	80,400	171,600*	220
225													10.3	177.4	76,400	166,300*	225

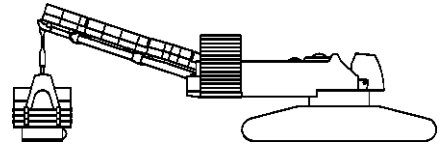


Liftcrane Luffing Jib Capacities

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
 467,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



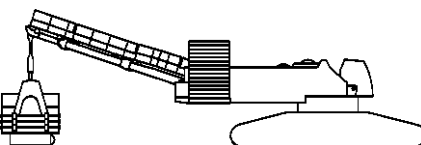
160 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
110	66.2	322.4	290,400	420,100*													110
115	64.3	319.9	274,200	402,800*													115
120	62.4	317.2	259,400	384,500*													120
125	60.4	314.3	245,800	367,800*													125
130	58.4	311.1	233,400	352,200*													130
135	56.4	307.7	221,900	337,800*	61.8	313.0	203,800	325,600*									135
140	54.3	304.1	211,200	320,500*	59.9	310.0	193,900	312,700*									140
145	52.2	300.1	201,400	303,000*	57.9	306.8	184,700	300,600*									145
150	49.9	295.8	192,200	287,100*	55.8	303.4	176,100	289,300*									150
155	47.6	291.2	183,600	272,500*	53.7	299.6	168,100	278,700*									155
160	45.3	286.1	175,500	259,100*	51.5	295.6	160,600	268,800*	57.2	301.1	145,900	258,700*					160
165	42.8	280.7	168,000	246,700*	49.3	291.2	153,600	259,400*	55.1	297.5	139,400	249,700*					165
170	40.1	274.7	160,800	235,200*	47.0	286.4	147,000	250,600*	53.0	293.7	133,300	241,200*					170
175	37.3	268.1	154,100	224,500*	44.6	281.3	140,800	242,300*	50.8	289.5	127,500	233,100*					175
180	34.3	260.7	147,700	214,500*	42.0	275.7	134,900	234,400*	48.5	285.0	122,100	225,500*					180
185	31.1	252.4	141,700	205,200*	39.4	269.5	129,300	226,900*	46.2	280.1	116,900	218,300*	52.0	286.2	104,700	209,900*	185
190	27.4	242.9	135,900	196,400*	36.5	262.7	124,000	219,700*	43.7	274.8	112,000	211,400*	49.8	281.9	100,200	203,300*	190
195	23.3	231.5	130,300	187,100*	33.5	255.1	118,900	212,200*	41.1	269.0	107,300	204,900*	47.5	277.2	95,900	196,900*	195
200	18.1	217.0	124,900	164,100*	30.1	246.5	114,000	203,000*	38.4	262.7	102,900	198,600*	45.1	272.2	91,800	190,700*	200
205					26.3	236.5	109,400	194,400*	35.5	255.6	98,600	192,500*	42.6	266.7	87,900	184,900*	205
210					21.9	224.5	104,800	185,400*	32.3	247.7	94,600	186,700*	39.9	260.6	84,200	179,400*	210
215					16.3	208.6	100,300	171,300*	28.8	238.6	90,600	181,200*	37.1	254.0	80,600	174,000*	215
220					6.3	179.4	95,500	135,400*	24.9	228.1	86,800	175,800*	34.1	246.6	77,200	168,900*	220
225									20.2	215.0	83,100	170,600*	30.8	238.2	73,800	164,000*	225
230									13.8	196.8	79,300	165,600*	27.2	228.5	70,600	159,300*	230
235													22.9	217.0	67,400	154,800*	235
240													17.7	202.2	64,300	150,300*	240
245													9.6	178.7	60,900	145,800*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115	67.2	342.1	271,700	359,300*													115
120	65.5	339.7	256,900	353,100*													120
125	63.8	337.2	243,400	346,700*													125
130	62.1	334.5	230,900	339,900*													130
135	60.4	331.6	219,500	332,500*													135
140	58.6	328.5	208,800	319,600*													140
145	56.8	325.1	199,000	302,100*	61.6	330.3	181,900	298,100*									145
150	54.9	321.5	189,800	286,100*	59.9	327.4	173,300	286,800*									150
155	53.0	317.7	181,300	271,400*	58.1	324.2	165,400	276,300*									155
160	51.1	313.6	173,300	258,000*	56.3	320.8	157,900	266,400*									160
165	49.1	309.2	165,700	245,600*	54.4	317.1	150,900	257,100*									165
170	47.0	304.5	158,700	234,100*	52.5	313.2	144,400	248,300*	57.5	318.5	130,300	238,600*					170
175	44.9	299.4	152,000	223,400*	50.5	309.0	138,200	240,000*	55.6	315.0	124,500	230,600*					175
180	42.6	293.9	145,700	213,500*	48.5	304.5	132,400	232,100*	53.7	311.2	119,100	223,000*					180
185	40.3	287.9	139,800	204,200*	46.4	299.7	126,800	224,700*	51.8	307.2	114,000	215,900*					185
190	37.8	281.4	134,100	195,500*	44.2	294.5	121,600	217,600*	49.8	303.0	109,200	209,100*					190
195	35.2	274.3	128,800	187,300*	42.0	288.9	116,600	210,900*	47.8	298.4	104,600	202,600*	52.9	303.8	92,800	194,300*	195
200	32.3	266.4	123,600	179,600*	39.6	282.8	111,900	201,900*	45.7	293.4	100,200	196,400*	51.0	299.7	88,800	188,300*	200
205	29.3	257.5	118,700	172,300*	37.1	276.1	107,400	193,400*	43.5	288.0	96,100	190,400*	48.9	295.3	84,900	182,500*	205
210	25.8	247.3	114,000	164,700*	34.4	268.8	103,100	185,400*	41.1	282.3	92,100	184,600*	46.9	290.5	81,300	177,000*	210
215	21.9	235.2	109,400	156,800*	31.5	260.6	98,900	177,800*	38.7	276.0	88,300	179,200*	44.7	285.4	77,800	171,700*	215
220	17.0	219.8	104,900	137,300*	28.4	251.4	94,900	170,700*	36.2	269.1	84,600	173,900*	42.5	279.9	74,400	166,700*	220
225					24.8	240.8	91,100	163,400*	33.4	261.5	81,100	168,900*	40.1	273.9	71,200	161,900*	225
230					20.6	227.9	87,300	156,100*	30.4	253.0	77,700	164,100*	37.6	267.4	68,100	157,300*	230
235					15.4	211.1	83,500	144,200*	27.2	243.3	74,500	159,500*	35.0	260.2	65,100	152,800*	235
240					5.9	180.1	79,400	114,000*	23.4	232.0	71,300	155,000*	32.1	252.2	62,300	148,600*	240
245									19.0	218.1	68,100	150,600*	29.1	243.2	59,500	144,400*	245
250									13.0	198.8	64,900	146,300*	25.6	232.9	56,800	140,500*	250
255													21.6	220.6	54,100	136,600*	255
260													16.6	204.9	51,400	132,800*	260

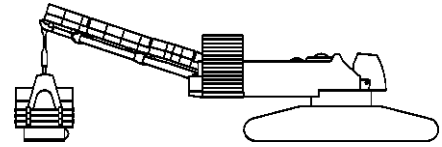


Liftcrane Luffing Jib Capacities

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
 467,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



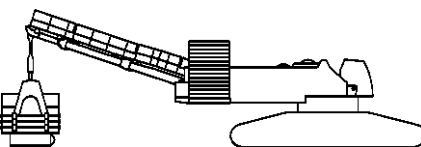
160 Ft. Boom, 210 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
125	66.5	359.5	239,700	312,600*													125
130	65.0	357.1	227,300	306,300*													130
135	63.5	354.5	215,800	299,900*													135
140	61.9	351.8	205,200	293,200*													140
145	60.3	348.9	195,400	286,200*													145
150	58.7	345.8	186,200	279,100*													150
155	57.1	342.5	177,700	268,700*	61.5	347.6	161,300	272,800*									155
160	55.4	339.0	169,700	255,300*	59.9	344.7	153,800	262,900*									160
165	53.7	335.3	162,300	242,900*	58.3	341.5	146,900	253,700*									165
170	52.0	331.3	155,200	231,400*	56.6	338.2	140,400	244,900*									170
175	50.2	327.1	148,600	220,700*	55.0	334.6	134,200	236,700*									175
180	48.4	322.6	142,400	210,800*	53.3	330.8	128,500	228,900*	57.7	335.8	114,700	219,400*					180
185	46.5	317.8	136,500	201,600*	51.5	326.8	123,000	221,500*	56.1	332.4	109,700	212,300*					185
190	44.5	312.6	130,900	192,900*	49.7	322.5	117,800	214,500*	54.4	328.8	104,900	205,600*					190
195	42.5	307.1	125,600	184,800*	47.9	317.9	112,900	207,800*	52.6	324.9	100,400	199,100*					195
200	40.4	301.2	120,500	177,200*	45.9	313.0	108,200	199,300*	50.9	320.7	96,000	193,000*					200
205	38.2	294.8	115,700	170,000*	44.0	307.7	103,800	190,800*	49.1	316.4	91,900	187,000*					205
210	35.8	287.8	111,100	163,200*	41.9	302.1	99,500	182,800*	47.2	311.7	88,000	181,400*	51.9	317.4	76,800	173,400*	210
215	33.3	280.2	106,700	156,700*	39.8	296.1	95,500	175,300*	45.3	306.6	84,300	176,000*	50.1	313.2	73,300	168,200*	215
220	30.7	271.8	102,500	150,600*	37.5	289.5	91,600	168,200*	43.3	301.3	80,700	170,800*	48.2	308.6	70,000	163,200*	220
225	27.7	262.3	98,500	144,300*	35.1	282.4	87,900	161,600*	41.2	295.5	77,300	165,900*	46.4	303.8	66,900	158,500*	225
230	24.5	251.5	94,500	138,100*	32.6	274.5	84,300	155,200*	39.0	289.3	74,000	161,100*	44.4	298.6	63,900	153,900*	230
235	20.7	238.7	90,700	131,000*	29.9	265.9	80,800	149,200*	36.7	282.5	70,900	156,600*	42.4	293.1	61,000	149,500*	235
240	16.1	222.4	86,900	114,300*	26.9	256.1	77,500	143,200*	34.3	275.2	67,800	152,200*	40.2	287.1	58,200	145,400*	240
245					23.5	244.8	74,200	137,100*	31.7	267.1	64,900	148,000*	38.0	280.7	55,500	141,300*	245
250					19.6	231.2	71,100	131,100*	28.9	258.0	62,000	143,900*	35.7	273.7	53,000	137,400*	250
255					14.5	213.4	67,900	120,800*	25.7	247.8	59,300	140,000*	33.2	266.0	50,400	133,700*	255
260					5.5	180.8	64,300	95,000*	22.2	235.8	56,500	135,600*	30.5	257.5	48,000	130,100*	260
270									12.3	200.7	51,100	123,600*	24.3	237.1	43,300	123,200*	270
280													15.7	207.5	38,700	116,600*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
130	67.3	379.2	224,600	270,800*													130
135	66.0	376.9	213,100	266,600*													135
140	64.6	374.5	202,500	260,600*													140
145	63.2	371.9	192,700	254,400*													145
150	61.8	369.1	183,500	248,100*													150
155	60.3	366.2	175,000	241,700*													155
160	58.9	363.1	167,000	235,200*	62.8	367.7	150,800	251,100*									160
165	57.4	359.9	159,500	228,700*	61.4	365.0	143,900	245,600*									165
170	55.9	356.4	152,500	222,200*	59.9	362.0	137,400	239,700*									170
175	54.3	352.8	145,900	215,700*	58.4	358.9	131,200	233,700*									175
180	52.7	348.9	139,700	208,900*	56.9	355.6	125,500	226,300*									180
185	51.1	344.9	133,800	199,600*	55.4	352.1	120,000	219,000*									185
190	49.5	340.5	128,300	190,900*	53.9	348.4	114,900	212,000*	57.9	353.2	101,700	202,900*					190
195	47.8	335.9	123,000	182,800*	52.3	344.4	110,000	205,300*	56.4	349.8	97,200	196,500*					195
200	46.1	331.0	118,000	175,200*	50.7	340.3	105,300	197,200*	54.9	346.2	92,900	190,400*					200
205	44.3	325.9	113,200	168,000*	49.0	335.9	100,900	188,700*	53.3	342.5	88,800	184,500*					205
210	42.4	320.3	108,700	161,200*	47.3	331.2	96,700	180,700*	51.7	338.5	84,900	178,900*					210
215	40.5	314.4	104,400	154,800*	45.6	326.2	92,700	173,200*	50.1	334.2	81,200	173,500*					215
220	38.5	308.1	100,200	148,700*	43.7	321.0	88,900	166,200*	48.4	329.7	77,700	168,400*	52.6	335.0	66,700	160,600*	220
225	36.4	301.3	96,200	142,900*	41.9	315.3	85,200	159,500*	46.7	325.0	74,300	163,400*	51.0	330.9	63,600	155,900*	225
230	34.1	293.9	92,400	137,500*	39.9	309.3	81,700	153,200*	44.9	319.9	71,100	158,700*	49.4	326.6	60,700	151,400*	230
235	31.8	285.8	88,800	132,200*	37.9	302.9	78,300	147,300*	43.1	314.5	68,000	154,200*	47.7	322.0	57,800	147,000*	235
240	29.2	276.9	85,200	126,900*	35.7	295.9	75,100	141,600*	41.2	308.7	65,000	149,900*	45.9	317.1	55,100	142,900*	240
245	26.4	266.9	81,800	121,700*	33.5	288.3	71,900	136,200*	39.2	302.6	62,100	145,700*	44.1	311.9	52,500	138,900*	245
250	23.3	255.5	78,500	116,600*	31.1	280.0	68,900	131,100*	37.1	295.9	59,300	141,700*	42.3	306.3	49,900	135,000*	250
255	19.8	242.0	75,300	109,700*	28.5	270.8	66,000	126,000*	35.0	288.7	56,700	137,900*	40.3	300.4	47,500	131,300*	255
260	15.3	224.9	72,000	95,500*	25.6	260.5	63,200	120,800*	32.7	280.9	54,100	134,200*	38.3	294.0	45,100	127,800*	260
270					18.6	234.3	57,700	110,800*	27.5	262.8	49,200	124,700*	34.0	279.7	40,600	121,000*	270
280					5.2	181.4	51,800	79,200*	21.2	239.4	44,400	114,600*	29.0	262.6	36,400	114,700*	280
290									11.6	202.6	39,700	104,500*	23.1	241.0	32,400	108,700*	290
300													15.0	210.0	28,300	103,000*	300

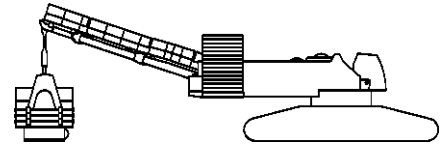


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 467,800 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

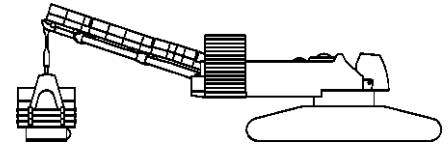
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib 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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
145	65.5	394.3	188,900	229,000*													145
150	64.2	391.8	179,700	223,400*													150
155	62.9	389.2	171,200	217,600*													155
160	61.6	386.5	163,300	211,700*													160
165	60.3	383.5	155,800	205,800*													165
170	58.9	380.5	148,800	199,900*	62.6	385.1	133,200	214,500*									170
175	57.6	377.3	142,200	194,000*	61.2	382.3	127,100	209,300*									175
180	56.2	373.9	136,000	188,200*	59.9	379.3	121,300	203,900*									180
185	54.8	370.3	130,200	182,400*	58.6	376.2	115,900	198,300*									185
190	53.4	366.5	124,600	176,600*	57.2	372.9	110,800	192,800*									190
195	51.9	362.5	119,400	171,000*	55.8	369.5	105,900	187,200*									195
200	50.4	358.3	114,400	165,400*	54.4	365.9	101,300	181,600*									200
205	48.9	353.9	109,700	160,000*	52.9	362.0	96,900	176,000*	56.7	367.2	84,400	181,000*					205
210	47.3	349.2	105,200	154,700*	51.5	358.0	92,800	170,500*	55.3	363.7	80,600	175,400*					210
215	45.7	344.3	100,900	149,600*	50.0	353.7	88,800	165,100*	53.9	360.0	76,900	170,100*					215
220	44.0	339.1	96,800	144,400*	48.4	349.3	85,000	159,800*	52.4	356.1	73,400	165,000*					220
225	42.3	333.6	92,800	139,600*	46.8	344.5	81,400	154,300*	51.0	352.0	70,100	160,100*					225
230	40.5	327.7	89,100	134,500*	45.2	339.5	77,900	149,400*	49.4	347.6	66,900	155,400*					230
235	38.7	321.4	85,500	129,300*	43.6	334.2	74,600	144,200*	47.9	343.1	63,800	150,900*	51.8	348.6	53,300	143,500*	235
240	36.8	314.7	82,000	124,400*	41.8	328.6	71,400	138,500*	46.3	338.2	60,900	146,600*	50.3	344.4	50,600	139,400*	240
245	34.8	307.4	78,700	119,600*	40.0	322.6	68,300	133,200*	44.6	333.1	58,100	142,500*	48.8	340.0	48,000	135,400*	245
250	32.7	299.6	75,500	115,100*	38.2	316.2	65,400	128,100*	43.0	327.7	55,300	138,600*	47.2	335.3	45,600	131,600*	250
255	30.4	291.1	72,400	110,700*	36.2	309.3	62,500	123,200*	41.2	322.0	52,700	134,700*	45.6	330.4	43,200	127,900*	255
260	28.0	281.7	69,400	106,200*	34.2	301.9	59,800	118,600*	39.4	315.8	50,200	131,100*	43.9	325.1	40,900	124,400*	260
270	22.3	259.3	63,600	97,500*	29.7	285.2	54,500	109,900*	35.5	302.2	45,400	121,700*	40.4	313.6	36,500	117,700*	270
280	14.6	227.4	58,000	78,500*	24.5	264.7	49,600	101,100*	31.2	286.4	40,900	112,800*	36.7	300.6	32,400	111,500*	280
290					17.8	237.3	44,800	92,600*	26.3	267.4	36,700	104,400*	32.5	285.5	28,600	105,700*	290
300					4.9	182.1	39,700	64,600*	20.2	242.8	32,600	95,900*	27.8	267.4	24,900	100,200*	300
310									11.1	204.3	28,500	87,200*	22.1	244.8	21,400	95,000*	310
320													14.3	212.3	17,900	90,000*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
160	63.9	409.2	160,300	191,200*													160
165	62.7	406.5	152,900	185,900*													165
170	61.5	403.8	145,900	180,400*													170
175	60.3	400.9	139,300	175,000*													175
180	59.0	397.8	133,100	169,600*	62.4	402.4	118,100	183,000*									180
185	57.8	394.6	127,300	164,200*	61.2	399.6	112,700	178,100*									185
190	56.5	391.3	121,700	159,000*	59.9	396.6	107,600	173,100*									190
195	55.2	387.7	116,500	153,700*	58.7	393.6	102,800	168,000*									195
200	53.9	384.0	111,500	148,600*	57.4	390.3	98,200	162,900*									200
205	52.5	380.1	106,800	143,500*	56.1	386.9	93,800	157,800*									205
210	51.2	376.1	102,300	138,600*	54.8	383.3	89,700	152,800*									210
215	49.8	371.8	98,000	133,700*	53.5	379.6	85,700	147,800*	57.0	384.6	73,600	159,300*					215
220	48.3	367.3	93,900	129,000*	52.1	375.6	81,900	142,900*	55.7	381.1	70,100	154,700*					220
225	46.9	362.6	90,000	124,300*	50.8	371.5	78,300	138,000*	54.4	377.5	66,800	150,000*					225
230	45.4	357.6	86,300	119,800*	49.4	367.2	74,900	133,300*	53.0	373.7	63,600	145,400*					230
235	43.8	352.3	82,700	115,400*	47.9	362.6	71,600	128,600*	51.7	369.7	60,600	140,700*					235
240	42.3	346.8	79,300	111,100*	46.5	357.8	68,400	124,000*	50.3	365.5	57,700	136,100*					240
245	40.6	340.9	76,000	107,000*	44.9	352.8	65,300	119,500*	48.9	361.1	54,900	131,500*	52.4	366.3	44,600	132,700*	245
250	38.9	334.7	72,800	102,900*	43.4	347.4	62,400	115,200*	47.4	356.4	52,200	127,000*	51.1	362.2	42,200	128,900*	250
255	37.2	328.0	69,800	99,000*	41.8	341.8	59,600	110,900*	45.9	351.5	49,600	122,600*	49.7	357.9	39,800	125,300*	255
260	35.3	321.0	66,800	95,200*	40.1	335.8	56,900	106,800*	44.4	346.4	47,100	118,300*	48.2	353.4	37,500	121,800*	260
270	31.3	305.1	61,300	87,900*	36.7	322.7	51,800	98,800*	41.2	335.2	42,400	109,800*	45.3	343.6	33,200	115,200*	270
280	26.8	286.4	56,000	81,100*	32.8	307.7	47,000	91,400*	37.8	322.6	38,000	101,800*	42.1	332.8	29,200	109,000*	280
290	21.4	263.0	51,000	74,800*	28.5	290.2	42,500	84,400*	34.1	308.3	33,900	94,300*	38.8	320.6	25,400	103,200*	290
300	14.0	229.7	46,200	64,200*	23.5	268.7	38,200	77,900*	30.0	291.7	30,000	87,200*	35.2	306.8	21,900	96,600*	300
310					17.1	240.2	34,000	71,900*	25.3	271.7	26,300	80,500*	31.2	291.0	18,600	89,500*	310
320					4.7	182.7	29,400	52,200*	19.4	246.1	22,700	74,400*	26.7	272.1	15,400	82,700*	320
330									10.7	206.0	19,000	68,900*	21.2	248.4	12,200	76,500*	330
340													13.7	214.6	9,100	70,900*	340

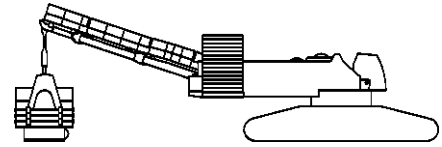


Liftcrane Luffing Jib Capacities

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
 467,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



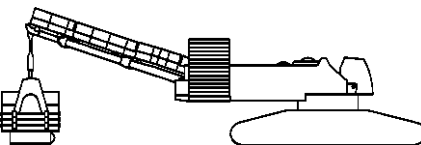
160 Ft. Boom, 290 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
205	55.5	405.2	103,100	121,700*	58.8	410.9	89,700	134,100*									205
210	54.3	401.5	98,600	117,000*	57.6	407.7	85,600	129,500*									210
215	53.1	397.7	94,300	112,600*	56.4	404.3	81,600	125,200*									215
220	51.8	393.7	90,300	108,300*	55.2	400.8	77,900	120,700*									220
225	50.5	389.6	86,400	104,100*	54.0	397.1	74,300	116,100*	57.2	402.0	62,400	126,600*					225
230	49.2	385.2	82,700	100,000*	52.7	393.2	70,900	111,900*	56.0	398.5	59,300	122,400*					230
235	47.9	380.7	79,100	95,900*	51.4	389.2	67,600	107,600*	54.8	395.0	56,300	118,200*					235
240	46.5	375.9	75,700	92,000*	50.2	385.0	64,400	103,500*	53.5	391.2	53,400	114,200*					240
245	45.1	370.8	72,400	88,200*	48.8	380.6	61,400	99,400*	52.3	387.3	50,600	109,900*					245
250	43.7	365.6	69,300	84,500*	47.5	376.0	58,500	95,400*	51.0	383.2	47,900	105,900*					250
255	42.2	360.0	66,300	80,900*	46.1	371.1	55,700	91,600*	49.7	378.9	45,400	101,900*	53.0	383.8	35,300	110,800*	255
260	40.7	354.1	63,400	77,300*	44.7	366.0	53,100	87,800*	48.4	374.4	42,900	98,000*	51.7	379.9	33,100	107,000*	260
270	37.5	341.4	57,900	70,600*	41.8	355.0	48,000	80,500*	45.6	364.8	38,300	90,300*	49.1	371.3	28,800	99,400*	270
280	34.0	327.0	52,700	64,200*	38.6	342.8	43,300	73,600*	42.7	354.2	34,000	83,000*	46.4	361.9	24,900	92,000*	280
290	30.2	310.5	47,900	58,200*	35.3	329.0	38,900	67,100*	39.7	342.4	29,900	76,100*	43.6	351.6	21,200	84,900*	290
300	25.8	290.9	43,300	52,600*	31.6	313.3	34,700	60,900*	36.4	329.1	26,100	69,500*	40.6	340.1	17,700	78,000*	300
310	20.6	266.5	39,000	47,300*	27.5	295.0	30,800	55,100*	32.9	314.1	22,500	63,200*	37.4	327.3	14,500	71,400*	310
320	13.5	231.9	34,700	42,600*	22.6	272.6	27,000	49,700*	28.9	296.8	19,100	57,300*	33.9	312.9	11,400	65,100*	320
330					16.5	242.9	23,300	44,800*	24.3	275.9	15,900	51,800*	30.1	296.2	8,400	59,200*	330
340					4.5	183.2	19,200	40,400*	18.7	249.3	12,700	46,700*	25.7	276.5	5,600	53,600*	340
350									10.2	207.7	9,400	42,200*	20.4	251.9	2,900	48,400*	350
360													13.2	216.7	100	43,800*	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
467,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

160 Ft. Boom, 310 Ft. Luffing Jib

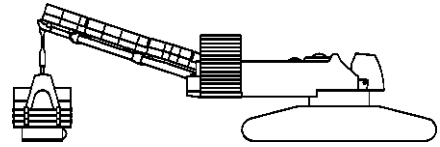
Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and 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	61.0	434.2	86,400	118,700*									205
210	59.9	431.3	82,300	114,500*									210
215	58.8	428.2	78,400	110,300*									215
220	57.7	425.0	74,600	106,200*									220
225	56.6	421.7	71,000	102,100*									225
230	55.5	418.2	67,600	98,000*									230
235	54.4	414.6	64,400	93,900*	57.4	419.3	52,800	103,500*					235
240	53.2	410.8	61,200	90,000*	56.2	415.9	50,000	99,600*					240
245	52.0	406.9	58,200	86,100*	55.1	412.4	47,200	95,900*					245
250	50.8	402.7	55,300	82,300*	54.0	408.7	44,600	92,000*					250
255	49.6	398.5	52,600	78,600*	52.8	404.9	42,000	88,200*					255
260	48.4	394.0	49,900	74,900*	51.6	400.9	39,600	84,500*					260
270	45.8	384.4	44,900	67,800*	49.2	392.4	35,000	77,200*	52.3	397.5	25,300	85,600*	270
280	43.1	373.9	40,200	61,200*	46.7	383.0	30,700	70,200*	49.9	389.1	21,400	78,600*	280
290	40.3	362.3	35,800	54,900*	44.0	372.9	26,700	63,400*	47.4	380.1	17,800	71,700*	290
300	37.3	349.5	31,700	48,900*	41.3	361.7	23,000	57,000*	44.8	370.1	14,400	65,200*	300
310	34.1	335.1	27,900	43,300*	38.3	349.3	19,400	51,000*	42.0	359.2	11,200	58,700*	310
320	30.5	318.7	24,200	37,900*	35.2	335.4	16,100	45,300*	39.2	347.2	8,100	52,700*	320
330	26.5	299.6	20,800	32,900*	31.7	319.7	13,000	39,900*	36.1	333.8	5,300	46,900*	330
340	21.9	276.4	17,400	28,200*	27.9	301.6	9,900	34,800*	32.7	318.7	2,600	41,500*	340
350	15.9	245.6	14,200	23,900*	23.5	280.0	7,100	30,000*	29.0	301.3		36,400*	350
360	4.3	183.8	10,500	20,300*	18.0	252.3	4,200	25,600*	24.8	280.8		31,500*	360
370					9.9	209.3	1,300	21,600*	19.7	255.3		27,000*	370
380									12.7	218.8		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
 467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	67.0	269.5	440,500	597,600*(b)													80
85	63.4	266.8	408,900	561,300*(b)													85
90	59.7	263.7	381,000	528,900*													90
95	55.8	260.2	356,300	499,700*													95
100	51.6	256.1	334,200	473,400*													100
105	47.3	251.3	314,200	449,500*	59.9	260.2	290,500	433,900*									105
110	42.5	245.7	296,100	427,600*	56.0	256.7	273,800	412,900*									110
115	37.2	239.1	279,500	407,500*	51.9	252.6	258,600	393,600*									115
120	31.0	230.7	264,200	389,000*	47.5	247.9	244,700	375,900*									120
125	23.2	219.5	249,900	347,800*	42.8	242.4	231,900	359,500*	55.9	251.5	212,900	346,800*					125
130					37.5	235.7	220,000	344,200*	51.8	247.4	202,100	332,200*					130
135					31.4	227.5	208,800	330,000*	47.5	242.7	192,000	318,600*					135
140					23.8	216.6	198,200	316,600*	42.7	237.2	182,600	305,900*					140
145					10.8	196.8	187,400	293,300*	37.4	230.5	173,800	294,100*	51.3	240.6	158,300	283,600*	145
150									31.3	222.3	165,400	282,800*	46.9	235.8	150,800	272,900*	150
155									23.6	211.3	157,300	272,200*	42.1	230.1	143,800	262,900*	155
160									10.4	191.1	148,900	261,600*	36.8	223.3	137,100	253,400*	160
165													30.5	214.9	130,600	244,400*	165
170													22.5	203.3	124,300	235,700*	170
175													6.4	178.5	117,200	226,800*	175

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

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

492,000 Lb. Crane Counterweight

320,000 Lb. Carbody Counterweight

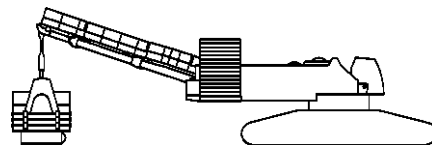
467,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



180 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	65.7	286.8	380,100	527,100*													90
95	62.8	284.1	355,500	498,100*													95
100	59.7	281.1	333,500	471,900*													100
105	56.6	277.6	313,800	448,200*													105
110	53.3	273.8	295,900	426,500*	62.9	280.5	272,100	410,900*									110
115	49.8	269.5	279,600	406,600*	59.9	277.5	257,100	391,800*									115
120	46.2	264.5	264,700	388,400*	56.8	274.1	243,400	374,200*									120
125	42.3	258.9	251,000	371,500*	53.5	270.3	230,800	358,000*									125
130	38.0	252.5	238,400	355,800*	50.1	266.0	219,200	343,000*									130
135	33.3	244.8	226,600	341,300*	46.4	261.1	208,500	329,000*	56.7	269.0	190,100	316,700*					135
140	27.7	235.4	215,500	327,600*	42.5	255.6	198,400	316,000*	53.4	265.1	180,900	304,200*					140
145	20.7	222.8	205,000	294,100*	38.3	249.1	189,100	303,800*	50.0	260.8	172,400	292,500*					145
150					33.6	241.6	180,300	292,400*	46.4	255.9	164,400	281,600*					150
155					28.1	232.3	172,000	281,600*	42.5	250.4	157,000	271,300*					155
160					21.2	220.0	163,900	271,300*	38.2	243.9	149,900	261,700*	49.6	253.9	135,300	251,700*	160
165					9.4	197.9	155,600	249,500*	33.5	236.3	143,200	252,500*	45.9	249.0	129,300	243,000*	165
170									28.0	227.0	136,700	243,800*	42.0	243.3	123,500	234,700*	170
175									21.0	214.6	130,500	235,400*	37.7	236.8	118,100	226,900*	175
180									9.0	192.1	123,800	227,000*	32.9	229.0	112,900	219,400*	180
185													27.3	219.4	107,800	212,200*	185
190													20.1	206.5	102,800	205,100*	190
195													5.3	178.6	97,000	197,700*	195

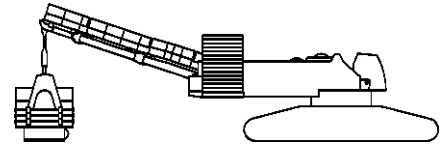


Liftcrane Luffing Jib Capacities

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
 467,800 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

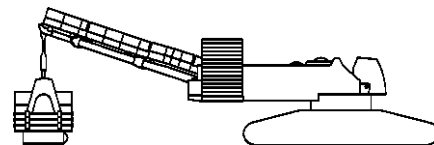
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib 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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95	67.3	306.6	352,400	494,700*													95
100	64.8	304.1	330,400	468,600*													100
105	62.3	301.4	310,700	445,000*													105
110	59.8	298.4	292,900	423,400*													110
115	57.1	295.1	276,800	403,700*													115
120	54.4	291.4	262,000	385,500*	62.5	297.8	239,500	370,700*									120
125	51.5	287.3	248,500	368,800*	59.9	294.8	227,000	354,600*									125
130	48.6	282.8	236,000	353,300*	57.3	291.5	215,600	339,700*									130
135	45.5	277.8	224,500	338,900*	54.6	287.9	205,000	325,800*									135
140	42.1	272.2	213,800	325,500*	51.7	283.8	195,100	313,000*									140
145	38.6	265.8	203,800	313,000*	48.8	279.3	186,000	300,900*	57.2	286.4	168,200	289,000*					145
150	34.7	258.5	194,500	297,800*	45.7	274.3	177,500	289,700*	54.5	282.7	160,400	278,100*					150
155	30.3	250.0	185,700	282,200*	42.4	268.8	169,400	279,100*	51.7	278.7	153,100	268,000*					155
160	25.3	239.6	177,300	267,800*	38.8	262.5	161,900	269,200*	48.7	274.2	146,200	258,500*					160
165	18.8	225.8	169,200	238,200*	34.9	255.3	154,800	259,800*	45.6	269.2	139,800	249,500*					165
170					30.6	246.8	148,100	250,900*	42.3	263.6	133,700	241,000*	51.3	271.8	119,300	231,200*	170
175					25.6	236.6	141,600	242,400*	38.8	257.3	127,900	233,000*	48.4	267.3	114,000	223,500*	175
180					19.3	223.1	135,300	234,300*	34.9	250.1	122,400	225,300*	45.2	262.2	109,100	216,200*	180
185					8.4	198.9	128,600	205,500*	30.6	241.6	117,100	218,100*	41.9	256.5	104,300	209,300*	185
190									25.5	231.3	112,000	211,100*	38.3	250.1	99,800	202,600*	190
195									19.1	217.7	107,000	204,300*	34.4	242.8	95,500	196,100*	195
200									8.0	193.1	101,600	197,300*	30.0	234.2	91,300	190,000*	200
205													24.9	223.6	87,300	184,100*	205
210													18.2	209.4	83,200	178,300*	210
215													4.5	178.7	78,400	172,200*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	66.3	324.0	308,700	442,700*													105
110	64.2	321.5	290,900	421,200*													110
115	62.0	318.7	274,800	401,500*													115
120	59.8	315.7	260,100	383,400*													120
125	57.5	312.4	246,600	366,800*													125
130	55.2	308.9	234,200	351,400*	62.2	315.1	213,000	337,300*									130
135	52.8	305.0	222,800	337,100*	59.9	312.1	202,500	323,500*									135
140	50.2	300.7	212,200	323,700*	57.7	308.9	192,700	310,700*									140
145	47.6	296.1	202,300	311,300*	55.3	305.4	183,700	298,800*									145
150	44.9	291.0	193,100	299,500*	52.9	301.5	175,200	287,600*									150
155	42.0	285.4	184,500	283,900*	50.4	297.3	167,300	277,100*	57.6	303.8	150,300	265,600*					155
160	39.0	279.1	176,500	269,700*	47.8	292.6	159,900	267,300*	55.3	300.2	143,500	256,100*					160
165	35.7	272.1	168,900	256,500*	45.1	287.6	153,000	258,000*	52.9	296.3	137,200	247,200*					165
170	32.1	264.1	161,700	244,300*	42.2	282.0	146,400	249,200*	50.4	292.1	131,200	238,800*					170
175	28.1	254.8	154,800	232,900*	39.2	275.8	140,200	240,900*	47.8	287.5	125,500	230,900*					175
180	23.4	243.5	148,300	221,800*	35.9	268.8	134,300	233,100*	45.0	282.4	120,200	223,400*	52.6	289.5	106,200	213,800*	180
185	17.3	228.6	141,900	197,100*	32.3	260.9	128,700	225,600*	42.2	276.8	115,100	216,200*	50.1	285.2	101,600	206,900*	185
190					28.3	251.7	123,400	218,500*	39.1	270.6	110,300	209,400*	47.5	280.6	97,200	200,400*	190
195					23.7	240.6	118,200	211,600*	35.9	263.6	105,700	203,000*	44.7	275.4	93,000	194,100*	195
200					17.8	225.9	113,100	205,000*	32.3	255.7	101,200	196,700*	41.8	269.8	89,100	188,100*	200
205					7.6	199.8	107,700	172,100*	28.3	246.4	97,000	190,600*	38.8	263.5	85,300	182,300*	205
210									23.6	235.3	92,800	184,800*	35.5	256.4	81,600	176,800*	210
215									17.7	220.6	88,700	179,100*	31.8	248.3	78,100	171,600*	215
220									7.3	193.9	84,200	173,400*	27.8	238.9	74,600	166,500*	220
225													23.0	227.4	71,300	161,600*	225
230													16.8	212.1	67,900	156,800*	230
235													3.9	178.7	63,900	151,700*	235

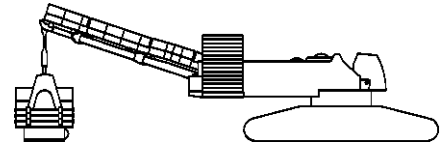


Liftcrane Luffing Jib Capacities

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
 467,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



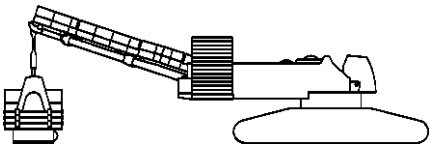
180 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
110	67.5	343.7	287,300	401,200*													110
115	65.6	341.3	271,200	398,100*													115
120	63.7	338.8	256,500	380,100*													120
125	61.8	336.0	243,000	363,500*													125
130	59.8	333.0	230,700	348,100*													130
135	57.8	329.8	219,300	333,900*													135
140	55.8	326.3	208,800	320,600*	61.9	332.4	188,500	307,100*									140
145	53.7	322.6	199,000	308,300*	59.9	329.5	179,500	295,200*									145
150	51.5	318.5	189,900	296,700*	57.9	326.3	171,200	284,100*									150
155	49.2	314.1	181,400	282,500*	55.9	322.8	163,400	273,700*									155
160	46.9	309.4	173,400	268,300*	53.8	319.1	156,000	263,900*									160
165	44.5	304.2	165,900	255,200*	51.6	315.0	149,200	254,700*	57.9	321.1	132,700	243,500*					165
170	42.0	298.6	158,800	243,100*	49.4	310.7	142,700	246,000*	55.9	317.7	126,800	235,200*					170
175	39.3	292.4	152,200	231,800*	47.1	305.9	136,600	237,800*	53.8	313.9	121,200	227,300*					175
180	36.4	285.6	145,900	221,400*	44.7	300.8	130,900	230,100*	51.6	309.9	115,900	219,900*					180
185	33.4	278.0	139,900	211,600*	42.1	295.2	125,400	222,700*	49.3	305.5	111,000	212,800*					185
190	30.0	269.4	134,200	202,400*	39.5	289.1	120,200	215,700*	47.0	300.8	106,200	206,100*					190
195	26.2	259.3	128,700	193,800*	36.6	282.3	115,300	209,000*	44.6	295.6	101,800	199,700*	51.3	303.0	88,500	190,400*	195
200	21.8	247.2	123,400	183,800*	33.6	274.7	110,600	202,700*	42.1	290.0	97,500	193,600*	49.1	298.6	84,600	184,500*	200
205	16.2	231.2	118,200	163,700*	30.2	266.1	106,000	196,600*	39.4	283.9	93,400	187,700*	46.8	293.8	80,900	178,800*	205
210					26.5	256.2	101,700	190,600*	36.6	277.1	89,500	182,000*	44.3	288.6	77,400	173,500*	210
215					22.1	244.2	97,400	184,900*	33.5	269.5	85,800	176,600*	41.8	283.0	74,000	168,300*	215
220					16.6	228.6	93,200	175,900*	30.2	260.9	82,100	171,400*	39.1	276.8	70,800	163,400*	220
225					7.0	200.7	88,700	144,100*	26.4	251.0	78,600	166,400*	36.2	269.9	67,600	158,600*	225
230									22.0	239.0	75,200	161,600*	33.1	262.2	64,600	154,100*	230
235									16.5	223.2	71,700	156,900*	29.8	253.5	61,700	149,700*	235
240									6.7	194.7	67,900	152,000*	25.9	243.3	58,900	145,500*	240
245													21.5	231.0	56,000	141,400*	245
250													15.7	214.6	53,200	137,300*	250
255													3.5	178.8	49,700	132,900*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
120	66.7	361.1	253,900	344,200*													120
125	65.0	358.7	240,500	340,400*													125
130	63.3	356.1	228,200	334,800*													130
135	61.6	353.3	216,800	328,700*													135
140	59.8	350.4	206,300	318,300*													140
145	58.1	347.2	196,500	305,900*													145
150	56.2	343.8	187,400	294,400*	61.7	349.7	168,200	281,500*									150
155	54.4	340.1	178,900	281,500*	59.9	346.8	160,400	271,200*									155
160	52.4	336.2	171,000	267,200*	58.2	343.6	153,200	261,400*									160
165	50.5	332.0	163,600	254,100*	56.3	340.2	146,300	252,300*									165
170	48.5	327.5	156,600	242,000*	54.5	336.6	139,900	243,600*									170
175	46.4	322.7	150,000	230,700*	52.6	332.7	133,900	235,500*									175
180	44.2	317.5	143,800	220,300*	50.6	328.5	128,200	227,700*	56.3	335.1	112,800	217,300*					180
185	41.9	311.8	137,900	210,600*	48.6	324.0	122,800	220,400*	54.4	331.4	107,900	210,200*					185
190	39.5	305.7	132,300	201,500*	46.5	319.2	117,700	213,500*	52.5	327.5	103,200	203,600*					190
195	37.0	299.0	127,000	192,900*	44.3	314.0	112,800	206,900*	50.6	323.4	98,800	197,300*					195
200	34.3	291.7	121,900	184,900*	42.0	308.4	108,200	200,600*	48.5	318.9	94,600	191,200*					200
205	31.4	283.5	117,100	177,300*	39.7	302.3	103,800	194,600*	46.4	314.0	90,600	185,400*	52.3	320.7	77,700	176,300*	205
210	28.3	274.2	112,400	170,200*	37.2	295.7	99,600	188,800*	44.3	308.9	86,800	179,800*	50.3	316.5	74,200	170,900*	210
215	24.7	263.5	107,900	163,400*	34.5	288.4	95,500	183,200*	42.0	303.2	83,100	174,400*	48.3	312.0	70,900	165,800*	215
220	20.5	250.6	103,600	154,200*	31.6	280.3	91,700	177,900*	39.6	297.1	79,600	169,300*	46.2	307.1	67,700	160,900*	220
225	15.2	233.6	99,300	137,500*	28.5	271.1	87,900	170,900*	37.1	290.5	76,300	164,400*	44.0	301.9	64,700	156,300*	225
230					24.9	260.5	84,300	164,100*	34.5	283.2	73,000	159,800*	41.7	296.2	61,800	151,800*	230
235					20.8	247.7	80,800	157,500*	31.6	275.0	69,900	155,200*	39.3	290.0	59,000	147,500*	235
240					15.6	231.1	77,200	148,300*	28.4	265.9	66,900	150,900*	36.8	283.3	56,300	143,400*	240
245					6.5	201.6	73,400	121,700*	24.9	255.2	63,900	146,700*	34.1	275.9	53,700	139,400*	245
250									20.7	242.4	61,000	142,600*	31.2	267.7	51,100	135,600*	250
255									15.5	225.7	58,100	138,600*	28.0	258.3	48,700	131,900*	255
260									6.2	195.5	54,800	133,400*	24.4	247.5	46,300	128,300*	260
270													14.7	217.0	41,400	121,300*	270

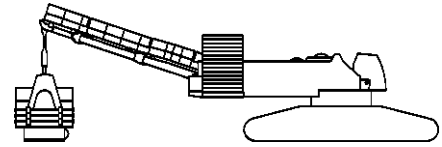


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 467,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



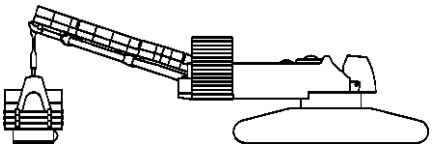
180 Ft. Boom, 210 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
125	67.6	380.8	236,700	292,900*													125
130	66.1	378.5	224,400	292,900*													130
135	64.5	376.0	213,000	290,500*													135
140	63.0	373.4	202,500	284,700*													140
145	61.4	370.6	192,800	278,500*													145
150	59.9	367.7	183,700	272,200*													150
155	58.2	364.5	175,200	265,600*													155
160	56.6	361.2	167,300	258,900*	61.5	367.1	148,900	257,800*									160
165	54.9	357.6	159,900	252,000*	60.0	364.1	142,100	248,700*									165
170	53.2	353.8	153,000	239,800*	58.3	361.0	135,700	240,100*									170
175	51.5	349.7	146,400	228,600*	56.7	357.6	129,700	232,000*									175
180	49.7	345.4	140,300	218,100*	55.0	354.1	124,100	224,300*									180
185	47.8	340.8	134,400	208,400*	53.3	350.3	118,700	217,100*									185
190	45.9	335.9	128,900	199,300*	51.6	346.2	113,700	210,200*	56.7	352.5	98,700	199,900*					190
195	43.9	330.7	123,600	190,700*	49.8	342.0	108,900	203,600*	55.0	348.9	94,400	193,600*					195
200	41.9	325.0	118,700	182,700*	47.9	337.4	104,300	197,400*	53.3	345.1	90,200	187,700*					200
205	39.7	319.0	113,900	175,200*	46.0	332.5	100,000	191,400*	51.5	341.1	86,300	181,900*					205
210	37.5	312.4	109,400	168,100*	44.0	327.2	95,800	185,700*	49.7	336.8	82,500	176,400*					210
215	35.1	305.2	105,000	161,400*	42.0	321.6	91,900	180,200*	47.9	332.2	78,900	171,100*					215
220	32.5	297.4	100,900	155,100*	39.8	315.6	88,100	174,900*	46.0	327.3	75,500	166,000*	51.3	334.2	63,100	157,300*	220
225	29.8	288.7	96,900	149,000*	37.6	309.1	84,500	168,800*	44.0	322.1	72,200	161,200*	49.5	329.9	60,100	152,700*	225
230	26.8	278.9	93,000	143,300*	35.2	302.0	81,000	162,100*	42.0	316.5	69,000	156,600*	47.7	325.3	57,300	148,300*	230
235	23.4	267.5	89,300	137,600*	32.7	294.1	77,700	155,700*	39.8	310.4	66,000	152,100*	45.8	320.4	54,600	144,000*	235
240	19.4	253.9	85,600	129,300*	30.0	285.5	74,400	149,700*	37.6	303.9	63,100	147,900*	43.8	315.1	51,900	140,000*	240
245	14.4	236.0	82,000	114,900*	27.0	275.7	71,300	143,900*	35.2	296.7	60,300	143,800*	41.7	309.4	49,400	136,000*	245
250					23.6	264.5	68,200	138,400*	32.7	288.9	57,600	139,800*	39.6	303.3	47,000	132,300*	250
255					19.7	251.1	65,200	132,600*	29.9	280.3	54,900	136,000*	37.3	296.7	44,600	128,700*	255
260					14.7	233.5	62,200	124,700*	26.9	270.5	52,400	132,300*	34.9	289.5	42,400	125,200*	260
270									19.6	245.7	47,400	125,200*	29.6	272.8	38,000	118,500*	270
280									5.8	196.3	42,000	112,700*	23.2	251.4	33,800	112,300*	280
290													13.9	219.2	29,600	106,200*	290

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
135	66.9	398.2	210,200	252,000*													135
140	65.5	395.9	199,700	252,000*													140
145	64.1	393.4	189,900	252,000*													145
150	62.7	390.7	180,900	246,900*													150
155	61.3	388.0	172,400	241,100*													155
160	59.9	385.0	164,500	235,200*													160
165	58.4	381.9	157,200	229,200*	62.8	387.2	138,900	239,000*									165
170	56.9	378.6	150,200	223,200*	61.4	384.4	132,600	237,500*									170
175	55.4	375.0	143,700	217,100*	60.0	381.4	126,600	229,400*									175
180	53.8	371.3	137,500	211,000*	58.5	378.3	121,000	221,700*									180
185	52.2	367.4	131,700	204,800*	57.0	375.0	115,700	214,500*									185
190	50.6	363.2	126,200	196,900*	55.5	371.5	110,600	207,600*									190
195	49.0	358.8	121,000	188,400*	53.9	367.8	105,900	201,100*									195
200	47.3	354.2	116,000	180,400*	52.3	363.9	101,300	194,900*	57.0	369.9	86,900	185,000*					200
205	45.5	349.2	111,300	172,900*	50.7	359.7	97,000	189,000*	55.5	366.4	83,000	179,300*					205
210	43.7	343.9	106,800	165,900*	49.1	355.4	92,900	183,300*	53.9	362.7	79,200	173,700*					210
215	41.8	338.3	102,500	159,200*	47.4	350.7	89,000	177,900*	52.3	358.7	75,700	168,500*					215
220	39.9	332.2	98,500	152,900*	45.6	345.7	85,300	172,600*	50.7	354.6	72,300	163,500*					220
225	37.8	325.7	94,500	146,900*	43.8	340.5	81,700	166,400*	49.0	350.2	69,000	158,700*					225
230	35.7	318.8	90,800	141,200*	41.9	334.9	78,300	159,800*	47.3	345.5	65,900	154,100*	52.1	351.9	53,900	145,600*	230
235	33.4	311.2	87,200	135,800*	40.0	328.9	75,000	153,400*	45.6	340.6	63,000	149,700*	50.5	347.7	51,200	141,400*	235
240	31.0	302.9	83,700	130,700*	38.0	322.4	71,800	147,500*	43.8	335.3	60,100	145,500*	48.8	343.3	48,600	137,300*	240
245	28.4	293.6	80,300	125,800*	35.8	315.4	68,800	141,800*	41.9	329.7	57,300	141,400*	47.1	338.6	46,200	133,500*	245
250	25.5	283.3	77,100	121,000*	33.6	307.9	65,800	136,400*	40.0	323.7	54,700	137,500*	45.4	333.6	43,800	129,700*	250
255	22.3	271.3	73,900	116,000*	31.2	299.6	63,000	131,200*	37.9	317.2	52,100	133,700*	43.6	328.3	41,500	126,200*	255
260	18.5	257.0	70,800	108,700*	28.6	290.5	60,300	126,300*	35.8	310.2	49,700	130,100*	41.7	322.7	39,200	122,700*	260
270					22.5	268.4	55,000	117,000*	31.1	294.4	45,000	123,200*	37.7	310.1	35,000	116,200*	270
280					14.0	235.8	49,800	105,200*	25.7	274.9	40,500	116,800*	33.3	295.4	31,100	110,100*	280
290									18.7	248.9	36,200	110,700*	28.2	277.7	27,300	104,300*	290
300									5.5	197.0	31,500	95,300*	22.1	255.2	23,700	98,900*	300
310													13.3	221.3	20,000	93,600*	310

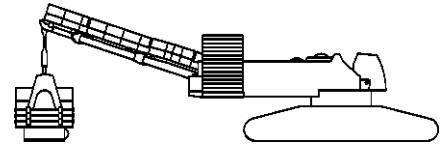


Liftcrane Luffing Jib Capacities

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
 467,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



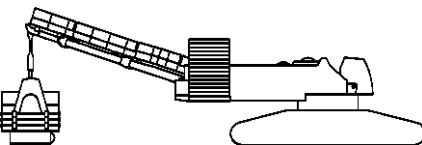
180 Ft. Boom, 250 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
150	65.1	413.2	177,000	216,000*													150
155	63.8	410.7	168,600	216,000*													155
160	62.5	408.1	160,700	211,400*													160
165	61.2	405.3	153,300	206,000*													165
170	59.9	402.3	146,400	200,500*													170
175	58.5	399.2	139,900	195,000*	62.6	404.5	122,300	204,400*									175
180	57.2	395.9	133,700	189,500*	61.3	401.7	116,700	204,400*									180
185	55.8	392.5	128,000	184,000*	60.0	398.7	111,400	200,500*									185
190	54.4	388.8	122,500	178,500*	58.6	395.6	106,400	195,400*									190
195	52.9	385.0	117,300	173,000*	57.2	392.4	101,700	190,200*									195
200	51.4	381.0	112,400	167,700*	55.9	388.9	97,200	185,000*									200
205	49.9	376.7	107,700	162,400*	54.4	385.3	92,900	179,700*									205
210	48.4	372.2	103,200	157,200*	53.0	381.5	88,800	174,500*	57.2	387.2	74,700	170,200*					210
215	46.8	367.5	99,000	152,100*	51.5	377.5	84,900	169,200*	55.8	383.8	71,200	164,900*					215
220	45.2	362.5	94,900	147,100*	50.0	373.2	81,200	164,000*	54.4	380.2	67,800	160,000*					220
225	43.5	357.1	91,000	142,200*	48.5	368.7	77,700	158,900*	53.0	376.4	64,600	155,200*					225
230	41.8	351.5	87,300	137,300*	46.9	364.0	74,300	153,800*	51.5	372.3	61,600	150,600*					230
235	40.0	345.5	83,800	132,800*	45.3	359.0	71,100	148,800*	50.0	368.1	58,600	146,300*					235
240	38.1	339.1	80,300	128,100*	43.6	353.7	68,000	143,900*	48.5	363.6	55,800	142,100*	52.8	369.5	44,000	133,700*	240
245	36.2	332.2	77,000	123,200*	41.9	348.1	65,000	139,100*	46.9	358.9	53,100	138,100*	51.3	365.5	41,500	129,900*	245
250	34.1	324.8	73,900	118,500*	40.1	342.1	62,100	133,700*	45.3	353.9	50,500	134,200*	49.8	361.2	39,200	126,200*	250
255	32.0	316.8	70,800	114,100*	38.2	335.7	59,300	128,600*	43.6	348.5	48,000	130,500*	48.3	356.7	36,900	122,600*	255
260	29.7	308.0	67,900	109,800*	36.3	328.9	56,700	123,700*	41.9	342.9	45,600	126,900*	46.7	351.9	34,800	119,200*	260
270	24.4	287.5	62,200	101,600*	32.1	313.5	51,600	114,600*	38.2	330.5	41,000	120,100*	43.4	341.5	30,700	112,800*	270
280	17.7	260.0	56,800	90,600*	27.3	295.2	46,800	106,200*	34.2	316.3	36,700	113,800*	39.9	329.9	26,800	106,700*	280
290					21.5	272.0	42,200	98,100*	29.8	299.6	32,700	107,900*	36.0	316.5	23,200	101,100*	290
300					13.4	238.0	37,700	87,800*	24.6	279.2	28,800	102,300*	31.8	301.0	19,800	95,800*	300
310									17.9	251.9	25,100	94,300*	27.0	282.4	16,500	90,800*	310
320									5.2	197.7	20,900	79,600*	21.1	258.8	13,400	86,100*	320
330													12.7	223.4	10,100	81,400*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
165	63.5	428.1	150,300	179,300*													165
170	62.3	425.4	143,400	174,300*													170
175	61.1	422.6	136,900	169,400*													175
180	59.9	419.6	130,800	164,400*													180
185	58.6	416.5	125,000	159,500*	62.4	421.8	108,100	173,300*									185
190	57.4	413.3	119,500	154,500*	61.2	419.0	103,100	168,900*									190
195	56.1	409.9	114,300	149,600*	60.0	416.1	98,400	164,400*									195
200	54.8	406.3	109,400	144,900*	58.7	413.0	93,900	159,700*									200
205	53.5	402.6	104,700	140,100*	57.5	409.7	89,700	155,100*									205
210	52.1	398.6	100,300	135,500*	56.2	406.4	85,600	150,300*									210
215	50.7	394.5	96,100	130,900*	54.9	402.8	81,800	145,700*									215
220	49.3	390.1	92,000	126,400*	53.5	399.0	78,100	141,100*	57.4	404.6	64,400	153,000*					220
225	47.9	385.6	88,200	122,000*	52.2	395.1	74,600	136,500*	56.1	401.2	61,200	148,800*					225
230	46.4	380.8	84,500	117,700*	50.8	391.0	71,200	132,000*	54.8	397.6	58,200	144,500*					230
235	44.9	375.7	80,900	113,500*	49.4	386.6	68,000	127,600*	53.5	393.9	55,300	140,200*					235
240	43.4	370.4	77,500	109,400*	48.0	382.1	64,900	123,200*	52.2	390.0	52,500	135,900*					240
245	41.8	364.7	74,300	105,400*	46.5	377.3	61,900	118,900*	50.8	385.8	49,800	131,600*					245
250	40.1	358.7	71,200	101,600*	45.0	372.3	59,100	114,700*	49.4	381.5	47,200	127,300*					250
255	38.4	352.4	68,200	97,800*	43.5	366.9	56,300	110,600*	48.0	377.0	44,700	123,100*	52.0	383.1	33,400	119,900*	255
260	36.6	345.6	65,300	94,100*	41.9	361.3	53,700	106,600*	46.5	372.1	42,400	119,000*	50.6	379.0	31,300	116,500*	260
270	32.8	330.6	59,700	87,100*	38.5	349.0	48,700	99,000*	43.4	361.8	37,800	110,900*	47.8	370.0	27,200	110,100*	270
280	28.5	313.0	54,600	80,500*	34.9	335.1	44,000	91,700*	40.2	350.2	33,600	103,100*	44.8	360.1	23,500	104,100*	280
290	23.4	291.5	49,700	74,300*	30.8	319.0	39,700	84,800*	36.7	337.1	29,700	95,700*	41.6	349.1	19,900	98,600*	290
300	17.0	262.8	45,000	68,600*	26.2	299.8	35,500	78,400*	32.9	322.1	26,000	88,700*	38.3	336.7	16,600	93,300*	300
310	4.2	203.6	39,900	47,300*	20.7	275.5	31,500	72,400*	28.6	304.6	22,500	82,100*	34.6	322.7	13,500	88,400*	310
320					12.8	240.1	27,500	67,000*	23.6	283.2	19,100	75,900*	30.5	306.4	10,500	83,800*	320
330									17.2	254.7	15,700	70,200*	25.9	286.9	7,600	79,000*	330
340									5.0	198.3	12,000	65,300*	20.2	262.2	4,800	73,100*	340
350													12.1	225.4	1,900	67,800*	350

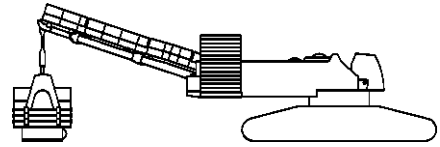


Liftcrane Luffing Jib Capacities

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
 467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
190	59.9	437.0	115,600	137,200*													190
195	58.7	433.9	110,500	132,600*	62.2	439.1	94,100	145,600*									195
200	57.6	430.7	105,600	128,200*	61.1	436.3	89,600	141,400*									200
205	56.4	427.3	100,900	123,700*	60.0	433.4	85,400	137,100*									205
210	55.2	423.8	96,500	119,300*	58.8	430.3	81,400	132,700*									210
215	53.9	420.1	92,300	114,900*	57.6	427.1	77,500	128,300*									215
220	52.7	416.2	88,200	110,500*	56.4	423.7	73,900	124,000*									220
225	51.4	412.2	84,400	106,300*	55.2	420.2	70,400	119,900*									225
230	50.1	408.0	80,700	102,200*	54.0	416.5	67,100	115,600*	57.6	422.0	53,700	126,600*					230
235	48.8	403.5	77,200	98,200*	52.8	412.7	63,900	111,200*	56.4	418.6	50,800	122,600*					235
240	47.5	398.9	73,900	94,300*	51.5	408.7	60,800	107,100*	55.2	415.1	48,000	118,600*					240
245	46.1	394.1	70,600	90,500*	50.2	404.5	57,900	103,100*	54.0	411.4	45,400	114,600*					245
250	44.7	389.0	67,500	86,700*	48.9	400.1	55,100	99,100*	52.7	407.6	42,800	110,600*					250
255	43.2	383.6	64,500	83,100*	47.5	395.5	52,300	95,200*	51.5	403.5	40,400	106,800*					255
260	41.7	378.0	61,700	79,500*	46.2	390.6	49,700	91,400*	50.2	399.3	38,000	102,800*					260
270	38.6	365.7	56,200	72,700*	43.3	380.2	44,800	84,000*	47.5	390.3	33,600	95,100*	51.3	396.7	22,700	105,000*	270
280	35.2	351.9	51,200	66,300*	40.3	368.6	40,200	77,000*	44.7	380.4	29,400	87,700*	48.7	388.0	19,000	97,700*	280
290	31.6	336.2	46,400	60,200*	37.1	355.7	35,900	70,300*	41.8	369.4	25,600	80,600*	46.0	378.5	15,500	90,500*	290
300	27.4	317.8	41,900	54,400*	33.6	341.0	31,900	64,000*	38.7	357.1	21,900	73,900*	43.1	368.0	12,200	83,600*	300
310	22.6	295.4	37,700	49,100*	29.7	324.2	28,100	58,100*	35.3	343.4	18,500	67,400*	40.1	356.4	9,200	76,800*	310
320	16.4	265.5	33,500	44,100*	25.3	304.2	24,400	52,500*	31.6	327.7	15,300	61,300*	36.8	343.3	6,300	70,300*	320
330	4.0	204.1	29,000	35,800*	19.9	278.9	20,900	47,300*	27.5	309.4	12,200	55,600*	33.3	328.6	3,600	64,200*	330
340					12.4	242.1	17,400	42,600*	22.7	287.1	9,200	50,200*	29.4	311.5	900	58,300*	340
350									16.5	257.5	6,300	45,300*	24.9	291.2		52,800*	350
360									4.8	198.9	2,900	41,100*	19.5	265.5		47,700*	360
370													11.7	227.2		43,200*	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

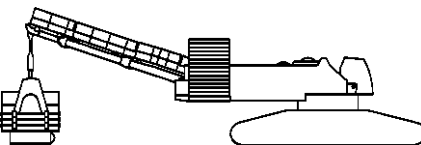
320,000 Lb. Carbody Counterweight

467,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

180 Ft. Boom, 310 Ft. Luffing Jib

Jib Oper. Rad. Feet	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	62.1	456.5	82,000	121,200*									205
210	61.0	453.6	78,000	117,300*									210
215	60.0	450.7	74,200	113,300*									215
220	58.9	447.6	70,600	109,200*									220
225	57.8	444.5	67,100	105,200*									225
230	56.7	441.1	63,800	101,400*									230
235	55.6	437.7	60,600	97,400*									235
240	54.4	434.0	57,500	93,500*	57.8	439.3	44,500	103,700*					240
245	53.3	430.3	54,600	89,600*	56.7	436.0	41,900	100,000*					245
250	52.1	426.3	51,800	85,800*	55.5	432.5	39,400	96,300*					250
255	50.9	422.2	49,100	82,000*	54.4	428.9	36,900	92,700*					255
260	49.7	417.9	46,500	78,400*	53.2	425.1	34,600	89,000*					260
270	47.2	408.8	41,600	71,300*	50.9	417.1	30,200	81,700*					270
280	44.5	398.8	37,100	64,400*	48.4	408.3	26,100	74,700*	51.9	414.4	15,400	83,800*	280
290	41.8	387.8	32,800	58,000*	45.8	398.7	22,300	67,900*	49.5	405.9	12,000	77,100*	290
300	38.9	375.6	28,800	51,900*	43.2	388.2	18,700	61,200*	47.0	396.7	8,800	70,400*	300
310	35.8	362.1	25,100	46,100*	40.3	376.7	15,300	55,100*	44.4	386.6	5,800	64,000*	310
320	32.4	346.8	21,600	40,700*	37.3	363.9	12,100	49,200*	41.6	375.6	2,900	57,700*	320
330	28.7	329.2	18,200	35,500*	34.1	349.5	9,100	43,600*	38.7	363.3	300	51,800*	330
340	24.4	308.4	15,000	30,700*	30.6	333.1	6,300	38,300*	35.6	349.7		46,100*	340
350	19.2	282.2	11,900	26,100*	26.6	314.0	3,500	33,300*	32.2	334.3		40,700*	350
360	11.9	244.0	8,700	22,100*	21.9	290.9	900	28,600*	28.4	316.5		35,600*	360
370					15.9	260.2		24,300*	24.1	295.4		30,900*	370
380					4.6	199.6		20,700*	18.8	268.8		26,400*	380
390									11.3	229.1		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

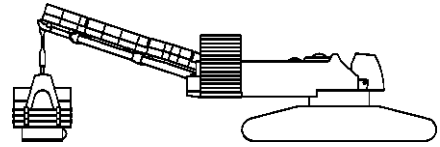
467,800 Lb. Hanging Counterweight

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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	65.9	288.4	404,900	555,000*(b)													85
90	62.3	285.6	377,300	522,900*(b)													90
95	58.5	282.4	352,800	494,200*													95
100	54.5	278.7	330,800	468,100*													100
105	50.3	274.4	311,100	444,500*													105
110	45.8	269.4	293,200	422,900*	60.0	279.6	266,900	405,700*(b)									110
115	40.9	263.5	276,800	403,100*	56.1	276.1	252,100	386,800*									115
120	35.4	256.4	261,800	384,800*	52.1	272.1	238,500	369,400*									120
125	28.9	247.4	247,700	367,800*	47.7	267.4	226,000	353,300*									125
130	20.2	234.7	234,400	329,500*	43.0	261.9	214,500	338,300*	57.4	271.7	193,200	324,200*					130
135					37.7	255.3	203,700	324,400*	53.4	267.8	183,600	310,900*					135
140					31.7	247.2	193,600	311,400*	49.1	263.3	174,600	298,600*					140
145					24.1	236.4	183,900	299,000*	44.5	258.1	166,200	287,100*					145
150					11.6	217.4	174,100	287,000*	39.4	251.9	158,300	276,200*					150
155									33.7	244.4	150,800	266,000*	50.0	257.3	134,200	254,700*	155
160									26.7	234.6	143,600	256,200*	45.5	252.2	128,000	245,600*	160
165									16.8	219.8	136,300	246,700*	40.5	246.3	122,000	236,900*	165
170													34.9	239.0	116,400	228,700*	170
175													28.3	229.9	110,900	220,900*	175
180													19.3	216.7	105,300	213,200*	180

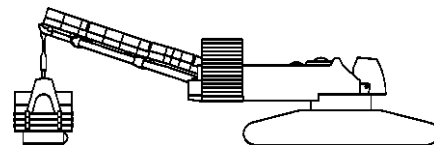
Capacities indicated by (b) require
21,000 Lb. minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
467,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



200 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	67.7	308.2	376,100	521,000*													90
95	64.8	305.7	351,700	492,300*													95
100	61.8	302.9	329,900	466,500*													100
105	58.8	299.8	310,300	443,000*													105
110	55.6	296.2	292,600	421,500*													110
115	52.3	292.2	276,500	401,900*													115
120	48.8	287.7	261,700	383,900*	60.0	296.9	236,800	367,400*									120
125	45.0	282.6	248,200	367,200*	56.9	293.5	224,500	351,500*									125
130	41.0	276.8	235,700	351,800*	53.6	289.7	213,200	336,800*									130
135	36.6	270.0	224,100	337,400*	50.2	285.5	202,700	323,100*									135
140	31.7	261.9	213,200	323,900*	46.6	280.6	193,000	310,300*	57.9	289.1	172,400	296,500*					140
145	25.8	251.7	203,000	311,300*	42.7	275.1	183,900	298,400*	54.7	285.4	164,300	285,200*					145
150	17.9	237.4	193,100	280,400*	38.5	268.7	175,400	287,200*	51.3	281.3	156,600	274,500*					150
155					33.7	261.2	167,300	276,600*	47.7	276.6	149,500	264,500*					155
160					28.3	252.0	159,700	266,600*	43.9	271.3	142,700	255,100*					160
165					21.5	239.8	152,300	257,100*	39.8	265.2	136,300	246,200*	52.0	275.1	119,900	235,000*	165
170					10.1	218.6	144,600	247,700*	35.3	258.1	130,300	237,800*	48.5	270.6	114,500	227,000*	170
175									30.1	249.5	124,500	229,700*	44.7	265.4	109,400	219,400*	175
180									23.8	238.5	118,800	222,000*	40.7	259.5	104,600	212,200*	180
185									14.9	222.0	113,100	214,500*	36.3	252.6	99,900	205,400*	185
190													31.3	244.4	95,500	198,800*	190
195													25.3	234.0	91,100	192,300*	195
200													17.2	219.3	86,600	186,000*	200

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

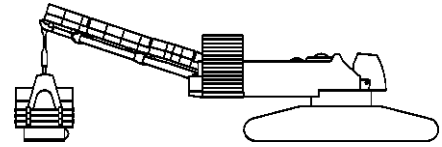


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 467,800 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

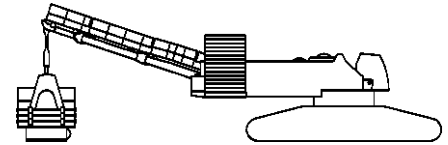
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib 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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100	66.6	325.5	326,500	463,000*													100
105	64.1	323.0	307,000	439,600*													105
110	61.6	320.2	289,400	418,300*													110
115	59.0	317.1	273,300	398,800*													115
120	56.3	313.7	258,700	380,900*													120
125	53.5	309.9	245,300	364,300*	62.6	317.2	220,400	347,800*									125
130	50.7	305.7	233,000	349,000*	60.0	314.2	209,200	333,200*									130
135	47.6	301.0	221,600	334,800*	57.4	311.0	198,800	319,600*									135
140	44.5	295.8	211,100	321,600*	54.7	307.3	189,300	307,000*									140
145	41.1	290.0	201,200	309,200*	51.8	303.3	180,400	295,200*									145
150	37.4	283.4	192,000	297,600*	48.9	298.8	172,000	284,200*									150
155	33.4	275.8	183,300	286,700*	45.8	293.8	164,300	273,800*	55.5	302.9	145,100	260,900*					155
160	28.9	266.8	175,100	276,400*	42.5	288.3	156,900	264,000*	52.7	299.0	138,600	251,600*					160
165	23.5	255.6	167,300	263,400*	38.9	282.0	150,000	254,800*	49.8	294.7	132,400	242,800*					165
170	16.3	240.0	159,700	232,100*	35.1	274.9	143,500	246,100*	46.8	289.9	126,600	234,600*					170
175					30.8	266.5	137,300	237,900*	43.5	284.5	121,000	226,800*					175
180					25.8	256.3	131,300	230,000*	40.1	278.5	115,800	219,300*	50.4	288.6	100,200	208,600*	180
185					19.5	242.9	125,500	222,400*	36.3	271.6	110,800	212,300*	47.4	283.9	95,700	202,000*	185
190					9.0	219.7	119,400	214,800*	32.2	263.7	106,000	205,500*	44.2	278.6	91,500	195,600*	190
195									27.5	254.2	101,400	199,100*	40.8	272.8	87,500	189,400*	195
200									21.7	242.1	96,900	192,800*	37.1	266.1	83,600	183,400*	200
205									13.4	224.0	92,200	186,500*	33.1	258.4	79,900	177,800*	205
210													28.5	249.3	76,300	172,300*	210
215													23.0	237.9	72,700	167,100*	215
220													15.6	221.7	69,100	161,900*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	67.8	345.2	304,800	417,900*													105
110	65.7	342.9	287,200	410,200*													110
115	63.5	340.3	271,200	396,500*													115
120	61.3	337.5	256,600	378,700*													120
125	59.1	334.4	243,300	362,200*													125
130	56.8	331.1	231,000	347,000*													130
135	54.4	327.4	219,700	332,800*	62.2	334.5	196,100	317,200*									135
140	52.0	323.4	209,200	319,700*	60.0	331.6	186,600	304,600*									140
145	49.5	319.1	199,500	307,400*	57.7	328.3	177,800	292,900*									145
150	46.8	314.3	190,400	295,900*	55.4	324.8	169,600	281,900*									150
155	44.1	309.0	181,900	285,100*	53.0	320.9	161,900	271,600*									155
160	41.1	303.2	174,000	275,000*	50.5	316.7	154,700	262,000*									160
165	38.0	296.8	166,500	265,400*	47.9	312.1	147,900	252,900*	56.1	320.4	129,500	240,400*					165
170	34.6	289.5	159,400	252,700*	45.2	307.1	141,500	244,300*	53.8	316.6	123,800	232,200*					170
175	30.9	281.2	152,700	240,800*	42.3	301.5	135,500	236,100*	51.3	312.5	118,400	224,500*					175
180	26.7	271.3	146,300	229,600*	39.3	295.3	129,800	228,400*	48.7	308.0	113,300	217,100*					180
185	21.7	259.2	140,100	216,900*	36.0	288.4	124,400	221,100*	46.1	303.1	108,400	210,200*					185
190	15.0	242.3	134,000	192,900*	32.5	280.5	119,200	214,200*	43.2	297.7	103,800	203,600*	51.8	306.4	88,500	193,100*	190
195					28.5	271.4	114,200	207,500*	40.3	291.7	99,400	197,300*	49.3	302.0	84,600	187,000*	195
200					23.8	260.3	109,400	201,100*	37.1	285.1	95,200	191,300*	46.6	297.1	80,900	181,200*	200
205					18.0	245.9	104,700	194,900*	33.6	277.5	91,200	185,400*	43.8	291.9	77,400	175,700*	205
210					8.2	220.8	99,700	180,600*	29.8	268.8	87,300	179,800*	40.9	286.0	74,000	170,400*	210
215									25.4	258.5	83,500	174,400*	37.8	279.5	70,700	165,300*	215
220									20.1	245.4	79,800	169,100*	34.4	272.1	67,500	160,500*	220
225									12.4	225.8	75,900	163,900*	30.6	263.7	64,500	155,800*	225
230													26.4	253.7	61,500	151,300*	230
235													21.3	241.4	58,500	146,900*	235
240													14.3	223.9	55,400	142,500*	240

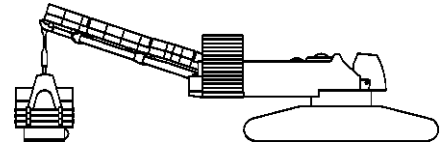


Liftcrane Luffing Jib Capacities

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
 467,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



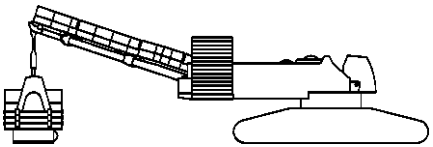
200 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115	66.9	362.7	267,400	359,800*													115
120	65.0	360.3	252,900	353,300*													120
125	63.1	357.7	239,600	345,900*													125
130	61.2	354.8	227,400	337,500*													130
135	59.2	351.8	216,100	328,500*													135
140	57.2	348.5	205,700	316,400*													140
145	55.1	344.9	196,000	304,200*	62.0	351.9	173,400	289,200*									145
150	53.0	341.1	187,000	292,800*	60.0	348.9	165,300	278,300*									150
155	50.8	336.9	178,600	282,100*	58.0	345.7	157,700	268,000*									155
160	48.5	332.4	170,700	272,000*	56.0	342.2	150,500	258,500*									160
165	46.2	327.5	163,300	262,500*	53.9	338.5	143,900	249,400*									165
170	43.7	322.3	156,300	251,800*	51.7	334.5	137,600	240,900*									170
175	41.2	316.5	149,800	239,900*	49.5	330.1	131,600	232,900*	56.6	337.8	113,800	220,700*					175
180	38.4	310.1	143,600	228,900*	47.2	325.4	126,000	225,200*	54.5	334.1	108,700	213,400*					180
185	35.5	303.1	137,700	218,600*	44.7	320.3	120,700	218,000*	52.4	330.2	104,000	206,600*					185
190	32.4	295.2	132,100	209,000*	42.2	314.7	115,700	211,200*	50.2	326.0	99,500	200,000*					190
195	28.9	286.2	126,700	200,000*	39.6	308.6	110,900	204,600*	47.9	321.4	95,200	193,800*					195
200	25.0	275.6	121,500	191,500*	36.7	301.9	106,300	198,400*	45.5	316.4	91,100	187,900*	52.8	324.0	76,100	177,400*	200
205	20.3	262.5	116,500	180,200*	33.7	294.3	102,000	192,400*	43.0	310.9	87,200	182,200*	50.6	319.8	72,700	172,000*	205
210	13.9	244.5	111,500	160,900*	30.3	285.8	97,800	186,700*	40.4	305.0	83,500	176,700*	48.4	315.3	69,400	166,800*	210
215					26.6	275.9	93,700	181,200*	37.6	298.5	79,900	171,400*	46.0	310.4	66,200	161,800*	215
220					22.3	264.0	89,800	175,800*	34.7	291.2	76,500	166,400*	43.6	305.1	63,200	157,000*	220
225					16.8	248.6	85,800	170,600*	31.4	283.0	73,200	161,600*	41.0	299.2	60,300	152,500*	225
230					7.6	221.8	81,600	151,700*	27.9	273.6	70,000	156,900*	38.2	292.8	57,500	148,100*	230
235									23.7	262.5	66,800	152,400*	35.3	285.7	54,800	143,900*	235
240									18.7	248.4	63,700	148,000*	32.1	277.8	52,200	139,800*	240
245									11.5	227.6	60,500	143,600*	28.6	268.6	49,600	135,900*	245
250													24.6	257.9	47,100	132,100*	250
255													19.9	244.6	44,600	128,400*	255
260													13.3	226.0	42,000	124,700*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
120	67.8	382.3	250,200	310,200*													120
125	66.2	380.1	236,900	310,200*													125
130	64.5	377.6	224,700	306,300*													130
135	62.8	375.0	213,500	300,400*													135
140	61.1	372.1	203,100	293,900*													140
145	59.3	369.1	193,400	287,100*													145
150	57.5	365.9	184,400	279,700*													150
155	55.7	362.4	176,100	271,800*	61.8	369.2	154,600	265,400*									155
160	53.8	358.6	168,200	263,900*	60.0	366.2	147,500	255,900*									160
165	51.9	354.6	160,900	255,800*	58.2	363.0	140,900	246,900*									165
170	49.9	350.4	154,000	247,700*	56.4	359.7	134,600	238,400*									170
175	47.8	345.8	147,500	239,000*	54.5	356.0	128,800	230,400*									175
180	45.7	340.8	141,300	228,000*	52.6	352.1	123,200	222,800*									180
185	43.5	335.5	135,500	217,700*	50.7	348.0	118,000	215,600*	57.0	355.2	100,700	203,900*					185
190	41.2	329.7	130,000	208,100*	48.6	343.5	113,000	208,800*	55.1	351.6	96,300	197,400*					190
195	38.8	323.4	124,700	199,200*	46.6	338.7	108,300	202,400*	53.2	347.8	92,000	191,300*					195
200	36.2	316.5	119,800	190,800*	44.4	333.5	103,800	196,200*	51.3	343.7	88,000	185,400*					200
205	33.5	309.0	115,000	182,900*	42.1	327.9	99,500	190,300*	49.3	339.4	84,200	179,700*					205
210	30.5	300.5	110,400	175,400*	39.8	321.9	95,400	184,700*	47.2	334.7	80,600	174,300*					210
215	27.2	290.9	106,000	168,400*	37.3	315.2	91,500	179,300*	45.1	329.6	77,100	169,100*	51.7	337.6	62,900	159,100*	215
220	23.5	279.6	101,800	161,600*	34.6	308.0	87,800	174,000*	42.9	324.2	73,700	164,100*	49.7	333.3	59,900	154,400*	220
225	19.1	265.7	97,600	151,400*	31.7	299.9	84,200	169,000*	40.5	318.2	70,500	159,400*	47.7	328.6	57,100	149,900*	225
230	13.1	246.6	93,400	135,500*	28.6	290.7	80,700	164,200*	38.1	311.8	67,500	154,800*	45.5	323.7	54,400	145,600*	230
235					25.1	280.2	77,300	159,500*	35.5	304.7	64,500	150,500*	43.3	318.3	51,800	141,500*	235
240					21.0	267.6	74,000	155,000*	32.7	296.9	61,600	146,200*	41.0	312.5	49,300	137,500*	240
245					15.8	251.1	70,700	149,900*	29.6	288.2	58,900	142,200*	38.6	306.2	46,800	133,700*	245
250					7.1	222.7	67,100	128,600*	26.2	278.1	56,200	138,200*	36.0	299.2	44,500	130,000*	250
255									22.4	266.3	53,500	134,400*	33.3	291.6	42,200	126,400*	255
260									17.6	251.3	50,800	130,700*	30.3	283.0	40,000	123,000*	260
270													23.2	261.9	35,700	116,400*	270
280													12.5	227.9	31,300	110,000*	280

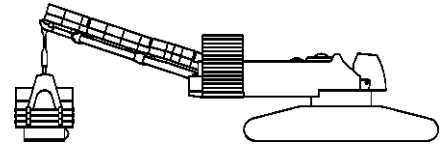


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 467,800 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

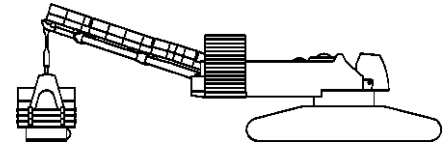
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib 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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
130	67.1	399.8	220,800	268,700*													130
135	65.6	397.4	209,500	268,700*													135
140	64.1	395.0	199,100	266,400*													140
145	62.5	392.3	189,500	261,800*													145
150	61.0	389.5	180,600	256,600*													150
155	59.4	386.4	172,200	251,100*													155
160	57.7	383.2	164,400	245,400*													160
165	56.1	379.8	157,100	239,100*	61.6	386.5	136,500	243,200*									165
170	54.4	376.1	150,200	232,900*	60.0	383.5	130,300	234,800*									170
175	52.7	372.3	143,800	226,500*	58.4	380.4	124,400	226,800*									175
180	50.9	368.1	137,700	220,000*	56.8	377.1	118,900	219,300*									180
185	49.1	363.8	131,900	213,400*	55.1	373.5	113,700	212,200*									185
190	47.2	359.1	126,500	205,500*	53.4	369.7	108,800	205,400*									190
195	45.3	354.1	121,300	196,600*	51.6	365.7	104,200	199,000*	57.3	372.5	87,400	187,500*					195
200	43.3	348.7	116,400	188,200*	49.8	361.4	99,700	192,900*	55.6	369.0	83,400	181,700*					200
205	41.2	342.9	111,700	180,400*	48.0	356.9	95,500	187,000*	53.9	365.4	79,600	176,100*					205
210	39.0	336.7	107,200	173,000*	46.1	352.0	91,500	181,500*	52.2	361.4	76,000	170,700*					210
215	36.7	330.0	102,900	166,000*	44.1	346.8	87,700	176,100*	50.4	357.2	72,600	165,600*					215
220	34.3	322.6	98,800	159,400*	42.1	341.2	84,000	171,000*	48.6	352.7	69,300	160,700*					220
225	31.7	314.5	94,900	153,200*	39.9	335.1	80,500	166,000*	46.7	348.0	66,200	156,000*	52.5	355.2	52,300	146,200*	225
230	28.9	305.5	91,100	147,200*	37.7	328.6	77,100	161,300*	44.7	342.9	63,200	151,500*	50.8	351.1	49,600	141,900*	230
235	25.8	295.3	87,500	141,600*	35.3	321.5	73,900	156,700*	42.7	337.4	60,300	147,100*	49.0	346.6	47,100	137,800*	235
240	22.3	283.4	83,900	136,100*	32.8	313.7	70,700	152,300*	40.6	331.5	57,600	143,000*	47.1	341.9	44,600	133,900*	240
245	18.1	268.7	80,400	126,800*	30.1	305.1	67,700	148,100*	38.4	325.1	54,900	139,000*	45.1	336.9	42,300	130,100*	245
250	12.4	248.5	76,800	113,400*	27.1	295.4	64,800	144,000*	36.1	318.2	52,300	135,200*	43.1	331.5	40,000	126,500*	250
255					23.8	284.3	61,900	138,600*	33.6	310.7	49,800	131,500*	41.1	325.7	37,800	123,000*	255
260					19.9	270.9	59,100	133,300*	31.0	302.4	47,400	127,900*	38.9	319.5	35,700	119,600*	260
270					6.7	223.6	53,200	108,100*	24.9	282.4	42,800	121,100*	34.1	305.3	31,700	113,200*	270
280									16.7	254.1	38,200	114,600*	28.7	288.0	27,800	107,200*	280
290													22.0	265.6	24,100	101,500*	290
300													11.8	229.8	20,300	96,000*	300

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
140	66.5	417.2	196,200	232,000*													140
145	65.1	414.8	186,600	232,000*													145
150	63.7	412.3	177,700	232,000*													150
155	62.3	409.6	169,300	229,200*													155
160	60.9	406.8	161,500	225,100*													160
165	59.4	403.8	154,200	220,700*													165
170	57.9	400.6	147,400	216,200*	62.9	406.6	127,000	221,700*									170
175	56.4	397.2	140,900	211,400*	61.5	403.8	121,200	221,700*									175
180	54.9	393.6	134,900	206,300*	60.0	400.9	115,700	216,600*									180
185	53.4	389.9	129,100	201,300*	58.5	397.7	110,600	209,500*									185
190	51.8	385.9	123,700	196,000*	57.0	394.4	105,700	202,800*									190
195	50.1	381.6	118,500	190,800*	55.5	391.0	101,000	196,400*									195
200	48.5	377.1	113,600	185,500*	54.0	387.3	96,600	190,300*									200
205	46.7	372.4	109,000	178,100*	52.4	383.4	92,400	184,500*	57.5	389.9	76,200	173,400*					205
210	45.0	367.3	104,600	170,700*	50.8	379.2	88,500	179,000*	56.0	386.5	72,700	168,000*					210
215	43.1	361.9	100,300	163,800*	49.1	374.8	84,700	173,700*	54.5	382.9	69,300	162,900*					215
220	41.2	356.2	96,300	157,200*	47.4	370.2	81,000	168,600*	52.9	379.0	66,000	158,000*					220
225	39.3	350.0	92,400	151,000*	45.7	365.2	77,600	163,600*	51.3	375.0	62,900	153,400*					225
230	37.2	343.4	88,700	145,100*	43.9	360.0	74,200	158,900*	49.7	370.6	60,000	148,900*					230
235	35.0	336.2	85,200	139,600*	42.0	354.4	71,100	154,400*	48.0	366.1	57,100	144,600*					235
240	32.7	328.4	81,800	134,200*	40.1	348.4	68,000	150,100*	46.2	361.2	54,400	140,500*	51.6	368.8	41,200	131,200*	240
245	30.2	319.8	78,500	129,200*	38.0	342.0	65,000	145,900*	44.5	356.1	51,800	136,500*	50.0	364.5	38,800	127,400*	245
250	27.5	310.3	75,300	124,300*	35.9	335.0	62,200	141,900*	42.6	350.6	49,300	132,800*	48.3	360.0	36,600	123,800*	250
255	24.6	299.5	72,200	119,600*	33.6	327.5	59,500	136,600*	40.7	344.7	46,800	129,100*	46.6	355.2	34,500	120,400*	255
260	21.2	287.0	69,100	115,100*	31.2	319.2	56,800	131,400*	38.7	338.4	44,500	125,600*	44.8	350.1	32,400	117,000*	260
270	11.8	250.4	63,100	95,100*	25.8	299.9	51,700	121,800*	34.4	324.3	40,000	118,900*	41.1	339.0	28,500	110,700*	270
280					18.9	274.1	46,800	112,800*	29.5	307.5	35,800	112,700*	37.0	326.1	24,800	104,800*	280
290					6.3	224.5	41,700	91,000*	23.7	286.5	31,800	106,800*	32.5	311.0	21,300	99,300*	290
300									15.9	256.7	27,800	101,100*	27.3	292.8	18,000	94,100*	300
310													20.9	269.1	14,800	89,200*	310
320													11.2	231.5	11,400	84,300*	320

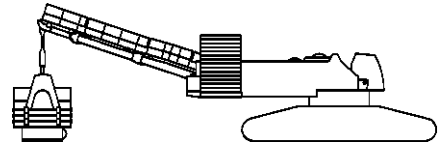


Liftcrane Luffing Jib Capacities

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
 467,800 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

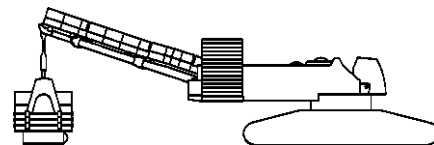
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib 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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
155	64.7	432.2	165,300	199,200*													155
160	63.4	429.6	157,600	199,200*													160
165	62.1	426.9	150,300	197,900*													165
170	60.8	424.1	143,400	193,000*													170
175	59.5	421.1	137,000	188,000*													175
180	58.1	417.9	131,000	182,900*	62.6	423.9	111,300	189,500*									180
185	56.7	414.6	125,300	177,800*	61.3	421.1	106,100	189,500*									185
190	55.3	411.1	119,800	172,700*	60.0	418.2	101,300	189,500*									190
195	53.9	407.4	114,700	167,800*	58.7	415.1	96,700	185,100*									195
200	52.5	403.5	109,900	162,800*	57.3	411.8	92,300	180,400*									200
205	51.0	399.4	105,200	157,900*	55.9	408.4	88,200	175,600*									205
210	49.5	395.1	100,800	153,000*	54.5	404.8	84,200	170,700*									210
215	47.9	390.5	96,700	148,300*	53.0	401.0	80,500	165,900*	57.7	407.3	64,600	159,200*					215
220	46.3	385.7	92,700	143,600*	51.6	396.9	76,900	161,100*	56.3	403.9	61,400	154,400*					220
225	44.7	380.6	88,800	139,000*	50.1	392.7	73,400	156,300*	54.9	400.3	58,300	149,800*					225
230	43.0	375.1	85,200	134,500*	48.5	388.2	70,100	151,600*	53.5	396.6	55,400	145,300*					230
235	41.2	369.4	81,700	130,200*	47.0	383.5	67,000	146,900*	52.0	392.6	52,600	141,100*					235
240	39.4	363.3	78,300	125,900*	45.3	378.5	64,000	142,300*	50.6	388.5	49,900	137,000*					240
245	37.5	356.7	75,100	121,700*	43.7	373.2	61,100	137,800*	49.0	384.1	47,400	133,100*					245
250	35.6	349.7	71,900	117,600*	42.0	367.6	58,300	133,300*	47.5	379.4	44,900	129,300*	52.3	386.4	31,800	120,100*	250
255	33.5	342.1	68,900	113,700*	40.2	361.6	55,600	129,000*	45.9	374.5	42,500	125,700*	50.9	382.3	29,700	116,700*	255
260	31.3	333.9	66,000	109,900*	38.3	355.3	53,000	124,700*	44.2	369.3	40,200	122,200*	49.3	378.0	27,700	113,400*	260
270	26.4	314.9	60,500	102,600*	34.3	341.1	48,100	116,600*	40.7	358.0	35,900	115,600*	46.2	368.5	23,900	107,200*	270
280	20.3	290.4	55,200	95,700*	29.9	324.5	43,500	108,700*	37.0	345.1	31,800	109,500*	42.9	358.0	20,300	101,400*	280
290	11.2	252.2	50,000	78,700*	24.7	304.1	39,100	101,600*	32.9	330.1	28,000	103,700*	39.3	346.0	17,000	95,900*	290
300					18.1	277.1	34,900	94,700*	28.2	312.4	24,300	98,300*	35.4	332.4	13,800	90,800*	300
310					6.0	225.3	30,300	75,500*	22.7	290.3	20,800	93,200*	31.1	316.5	10,800	86,000*	310
320									15.2	259.2	17,400	88,200*	26.2	297.3	7,900	81,500*	320
330													20.0	272.5	5,100	77,100*	330
340													10.7	233.2	2,100	72,300*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
170	63.2	447.0	140,400	172,200*													170
175	62.0	444.2	134,000	169,600*													175
180	60.7	441.4	127,900	165,000*													180
185	59.5	438.4	122,200	160,300*													185
190	58.3	435.3	116,800	155,700*	62.5	441.2	97,900	163,000*									190
195	57.0	432.0	111,700	151,000*	61.2	438.4	93,300	163,000*									195
200	55.7	428.5	106,800	146,400*	60.0	435.5	89,000	161,700*									200
205	54.4	424.9	102,200	141,800*	58.8	432.4	84,800	157,500*									205
210	53.1	421.1	97,900	137,300*	57.5	429.2	80,900	153,100*									210
215	51.7	417.1	93,700	132,800*	56.2	425.8	77,200	148,700*									215
220	50.3	412.9	89,700	128,400*	54.9	422.2	73,600	144,300*									220
225	48.9	408.5	85,900	124,100*	53.6	418.5	70,200	139,800*	57.9	424.6	54,800	147,000*					225
230	47.4	403.8	82,300	119,900*	52.2	414.6	66,900	135,500*	56.6	421.3	51,900	142,600*					230
235	46.0	399.0	78,800	115,700*	50.9	410.5	63,800	131,100*	55.3	417.8	49,200	138,300*					235
240	44.4	393.8	75,400	111,600*	49.5	406.1	60,800	126,900*	54.0	414.1	46,500	134,300*					240
245	42.9	388.4	72,200	107,700*	48.0	401.6	57,900	122,600*	52.7	410.2	44,000	130,400*					245
250	41.3	382.6	69,100	103,800*	46.6	396.8	55,200	118,400*	51.3	406.2	41,500	126,700*					250
255	39.6	376.5	66,200	100,000*	45.1	391.8	52,500	114,400*	49.9	401.9	39,100	123,100*					255
260	37.9	370.1	63,300	96,300*	43.5	386.5	50,000	110,400*	48.5	397.5	36,900	119,600*	52.9	404.0	24,100	110,600*	260
270	34.1	355.8	57,900	89,200*	40.3	374.9	45,100	102,600*	45.5	387.8	32,600	113,100*	50.2	395.8	20,400	104,400*	270
280	30.0	339.2	52,800	82,600*	36.8	361.9	40,600	95,200*	42.4	377.0	28,600	107,000*	47.3	386.7	16,900	98,700*	280
290	25.3	319.3	48,000	76,300*	33.0	347.0	36,400	88,200*	39.1	365.0	24,900	100,500*	44.3	376.6	13,600	93,300*	290
300	19.5	293.7	43,400	70,500*	28.7	329.5	32,400	81,600*	35.5	351.4	21,300	93,300*	41.1	365.4	10,500	88,300*	300
310	10.8	253.9	38,800	64,600*	23.7	308.2	28,600	75,400*	31.6	335.7	18,000	86,500*	37.7	352.8	7,600	83,500*	310
320					17.4	280.0	24,800	69,700*	27.1	317.2	14,800	80,100*	34.0	338.4	4,800	79,000*	320
330					5.7	226.1	20,800	62,200*	21.8	294.0	11,700	74,000*	29.9	321.7	2,200	74,300*	330
340									14.5	261.6	8,600	68,500*	25.1	301.6		69,600*	340
350													19.2	275.8		65,200*	350
360													10.3	234.9		60,700*	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

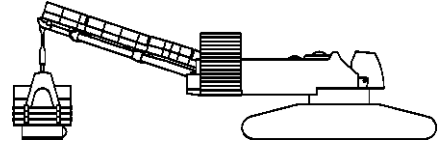
467,800 Lb. Hanging Counterweight

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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
180	63.0	464.3	123,900	146,700*													180
185	61.8	461.6	118,200	142,500*													185
190	60.7	458.7	112,800	138,200*													190
195	59.5	455.7	107,700	133,900*													195
200	58.4	452.6	102,900	129,500*	62.3	458.5	84,600	139,700*									200
205	57.2	449.4	98,300	125,100*	61.2	455.7	80,500	139,100*									205
210	56.0	445.9	94,000	121,000*	60.0	452.8	76,600	135,200*									210
215	54.8	442.4	89,800	116,800*	58.8	449.7	72,800	131,100*									215
220	53.6	438.6	85,800	112,600*	57.7	446.5	69,300	126,900*									220
225	52.3	434.7	82,100	108,500*	56.5	443.2	65,900	122,800*									225
230	51.0	430.6	78,400	104,400*	55.3	439.7	62,700	118,700*									230
235	49.7	426.3	75,000	100,300*	54.1	436.0	59,600	114,700*									235
240	48.4	421.9	71,700	96,400*	52.8	432.2	56,600	110,700*	56.9	438.7	41,900	122,400*					240
245	47.0	417.1	68,500	92,600*	51.5	428.1	53,800	106,700*	55.7	435.2	39,400	118,700*					245
250	45.7	412.2	65,400	88,900*	50.2	423.9	51,000	102,600*	54.4	431.6	37,000	114,900*					250
255	44.2	407.0	62,500	85,200*	48.9	419.5	48,400	98,700*	53.2	427.8	34,600	111,100*					255
260	42.8	401.6	59,700	81,700*	47.6	414.9	45,900	94,900*	51.9	423.8	32,400	107,200*					260
270	39.7	389.8	54,300	74,800*	44.8	405.0	41,100	87,500*	49.4	415.4	28,200	99,700*					270
280	36.4	376.6	49,300	68,300*	41.9	394.1	36,700	80,400*	46.7	406.0	24,200	92,300*	50.9	413.5	12,200	95,000*	280
290	32.9	361.6	44,700	62,100*	38.8	381.9	32,500	73,600*	43.8	395.8	20,600	85,200*	48.3	404.7	8,900	89,700*	290
300	28.9	344.2	40,300	56,300*	35.4	368.2	28,600	67,100*	40.8	384.5	17,100	78,300*	45.5	395.1	5,900	84,600*	300
310	24.4	323.5	36,100	50,900*	31.7	352.6	24,900	61,100*	37.6	371.8	13,900	71,700*	42.7	384.4	3,100	79,400*	310
320	18.8	296.9	32,000	45,800*	27.6	334.3	21,400	55,300*	34.2	357.5	10,800	65,400*	39.6	372.6	400	74,500*	320
330	10.3	255.6	28,000	41,200*	22.8	312.2	18,100	49,900*	30.4	341.1	7,900	59,500*	36.3	359.3		69,300*	330
340					16.7	282.8	14,800	45,000*	26.1	321.7	5,100	53,900*	32.7	344.2		63,200*	340
350					5.5	226.9	11,100	40,700*	20.9	297.6	2,400	48,600*	28.8	326.8		57,500*	350
360									14.0	263.9		43,900*	24.2	305.8		52,100*	360
370													18.5	278.9		47,000*	370
380													9.9	236.4		42,600*	380

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On

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

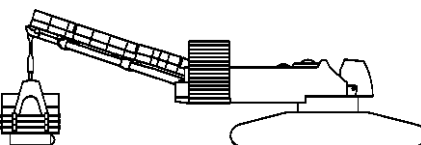
492,000 Lb. Crane Counterweight

320,000 Lb. Carbody Counterweight

467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
215	57.4	466.7	86,700	102,800*	61.1	473.1	69,400	115,500*									215
220	56.3	463.3	82,700	98,900*	60.0	470.1	65,900	111,800*									220
225	55.1	459.8	78,900	95,000*	58.9	467.1	62,500	108,000*									225
230	54.0	456.1	75,300	91,100*	57.8	463.9	59,300	104,200*									230
235	52.8	452.3	71,900	87,300*	56.7	460.6	56,200	100,300*									235
240	51.6	448.3	68,600	83,500*	55.6	457.1	53,300	96,700*									240
245	50.4	444.1	65,400	79,800*	54.5	453.5	50,400	92,900*									245
250	49.2	439.8	62,400	76,300*	53.3	449.7	47,700	89,100*	57.1	456.0	33,400	100,100*					250
255	48.0	435.2	59,400	72,700*	52.1	445.8	45,100	85,400*	56.0	452.6	31,100	96,600*					255
260	46.7	430.5	56,600	69,300*	50.9	441.7	42,600	81,800*	54.8	449.0	28,900	93,000*					260
270	44.1	420.3	51,300	62,700*	48.5	432.9	37,900	74,600*	52.5	441.5	24,700	86,100*					270
280	41.3	409.1	46,400	56,300*	45.9	423.4	33,500	67,800*	50.1	433.2	20,800	79,100*					280
290	38.3	396.7	41,800	50,300*	43.2	412.9	29,300	61,200*	47.6	424.2	17,200	72,200*	51.6	431.2	5,300	81,900*	290
300	35.2	382.9	37,400	44,600*	40.4	401.4	25,500	55,000*	45.0	414.3	13,800	65,600*	49.1	422.7	2,400	75,600*	300
310					37.4	388.6	21,900	49,000*	42.3	403.5	10,600	59,200*	46.6	413.3		69,100*	310
320					34.2	374.3	18,500	43,400*	39.4	391.6	7,600	53,100*	43.9	403.1		62,900*	320
330					30.7	358.0	15,200	38,100*	36.3	378.3	4,700	47,400*	41.2	391.9		56,700*	330
340					26.7	339.0	12,100	33,200*	33.0	363.3	2,000	41,900*	38.2	379.4		50,800*	340
350					22.0	316.0	9,100	28,500*	29.4	346.2		36,700*	35.1	365.5		45,300*	350
360					16.1	285.5	6,200	24,100*	25.2	326.1		31,800*	31.6	349.8		40,000*	360
370					5.3	227.6	2,900	20,400*	20.2	301.1		27,300*	27.8	331.6		34,900*	370
380									13.5	266.1		23,100*	23.3	309.9		30,200*	380
390													17.9	282.0		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

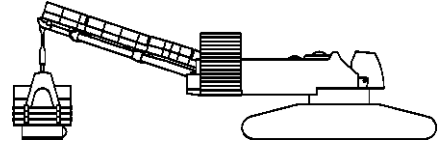
467,800 Lb. Hanging Counterweight

at 59 Ft. Position

360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With
21000 MAX-ER



220 Ft. Boom, 90 Ft. Luffing Jib

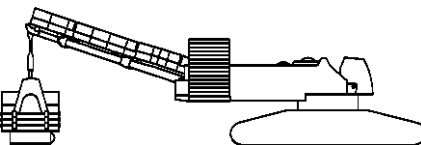
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib 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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	64.8	307.3	372,500	516,600*(b)													90
95	61.1	304.4	348,300	488,200*(b)													95
100	57.3	301.0	326,600	462,500*													100
105	53.3	297.1	307,100	439,100*													105
110	49.0	292.7	289,400	417,800*													110
115	44.4	287.4	273,300	398,300*	60.2	299.0	244,600	379,400*(b)									115
120	39.3	281.2	258,400	380,200*	56.3	295.6	231,400	362,400*									120
125	33.5	273.6	244,700	363,500*	52.2	291.5	219,200	346,600*									125
130	26.5	263.8	231,900	347,900*	47.9	286.9	208,000	332,000*									130
135	16.5	248.8	219,400	298,700*	43.1	281.4	197,600	318,400*									135
140					37.9	274.9	187,900	305,600*	54.9	288.1	165,600	290,700*					140
145					31.9	266.8	178,700	293,700*	50.7	283.9	157,600	279,500*					145
150					24.4	256.1	169,900	282,300*	46.2	278.9	150,100	269,000*					150
155					12.3	237.8	160,900	271,200*	41.4	273.1	143,100	259,100*					155
160									35.9	266.1	136,300	249,700*	52.9	278.5	117,800	237,100*	160
165									29.5	257.4	129,900	240,800*	48.6	273.9	112,300	228,800*	165
170									21.1	245.1	123,500	232,200*	44.0	268.6	107,100	220,900*	170
175													38.9	262.3	102,100	213,400*	175
180													33.0	254.6	97,300	206,300*	180
185													25.9	244.5	92,500	199,400*	185
190													15.3	228.7	87,600	192,400*	190

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
467,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements



**18000 With
21000 MAX-ER**

220 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95	66.8	327.1	346,900	486,200*													95
100	63.9	324.6	325,300	460,600*													100
105	60.9	321.7	306,000	437,400*													105
110	57.8	318.4	288,500	416,300*													110
115	54.6	314.7	272,500	396,900*													115
120	51.2	310.6	258,000	379,100*													120
125	47.6	305.9	244,600	362,600*	60.1	316.4	217,300	344,600*									125
130	43.8	300.6	232,300	347,400*	57.0	313.0	206,300	330,100*									130
135	39.7	294.5	220,900	333,200*	53.7	309.2	196,100	316,700*									135
140	35.2	287.3	210,200	319,900*	50.3	304.9	186,700	304,200*									140
145	30.0	278.7	200,200	307,500*	46.7	300.1	177,900	292,500*									145
150	23.7	267.7	190,700	295,800*	42.8	294.6	169,600	281,500*	55.9	305.6	147,900	266,900*					150
155	14.6	250.9	181,400	255,200*	38.6	288.2	161,900	271,200*	52.5	301.6	141,100	257,200*					155
160					33.9	280.8	154,500	261,500*	49.1	297.2	134,700	248,000*					160
165					28.5	271.6	147,500	252,300*	45.4	292.1	128,600	239,400*					165
170					21.7	259.6	140,700	243,400*	41.4	286.4	122,900	231,200*					170
175					10.8	239.2	133,700	234,700*	37.0	279.6	117,400	223,500*	50.9	291.9	99,800	211,500*	175
180									32.1	271.7	112,200	216,100*	47.3	287.2	95,300	204,500*	180
185									26.3	261.7	107,100	209,000*	43.5	281.8	91,000	198,000*	185
190									18.7	248.0	102,100	202,100*	39.4	275.6	86,900	191,700*	190
195													34.8	268.4	83,000	185,500*	195
200													29.5	259.6	79,100	179,600*	200
205													23.1	248.3	75,300	173,900*	205
210													13.5	230.6	71,300	168,200*	210

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

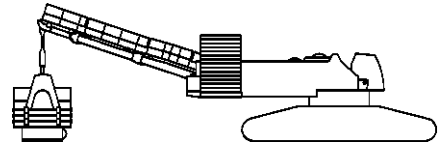


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 467,800 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

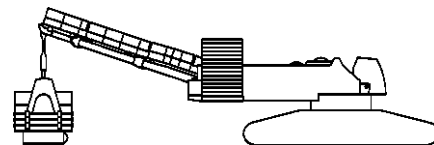
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib 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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	65.8	344.5	302,400	419,300*													105
110	63.3	341.9	285,000	409,100*													110
115	60.8	339.0	269,200	393,600*													115
120	58.2	335.8	254,800	375,900*													120
125	55.5	332.2	241,500	359,600*													125
130	52.7	328.3	229,400	344,500*	62.7	336.7	202,000	326,400*									130
135	49.7	324.0	218,100	330,400*	60.1	333.7	191,900	313,100*									135
140	46.7	319.2	207,700	317,400*	57.5	330.4	182,600	300,700*									140
145	43.5	313.8	198,000	305,100*	54.7	326.8	174,000	289,100*									145
150	40.0	307.8	188,900	293,700*	51.9	322.7	165,900	278,300*									150
155	36.3	300.9	180,400	283,000*	49.0	318.3	158,400	268,100*									155
160	32.1	292.9	172,400	272,800*	45.9	313.4	151,300	258,600*	56.5	323.0	130,100	244,300*					160
165	27.4	283.4	164,700	263,200*	42.6	307.8	144,600	249,600*	53.8	319.3	124,200	235,800*					165
170	21.6	271.2	157,400	252,600*	39.1	301.6	138,300	241,000*	50.9	315.1	118,700	227,700*					170
175	13.2	252.8	150,100	217,700*	35.2	294.4	132,300	233,000*	47.9	310.5	113,500	220,100*					175
180					31.0	286.1	126,600	225,300*	44.7	305.4	108,500	212,900*					180
185					26.0	276.0	121,100	218,000*	41.4	299.6	103,800	206,100*	52.4	309.7	86,300	194,200*	185
190					19.8	262.8	115,700	210,900*	37.8	293.1	99,200	199,600*	49.5	305.3	82,400	188,000*	190
195					9.7	240.5	110,000	203,800*	33.8	285.5	94,900	193,300*	46.4	300.4	78,700	182,100*	195
200									29.3	276.7	90,700	187,400*	43.2	295.0	75,100	176,400*	200
205									24.0	265.7	86,600	181,500*	39.7	288.9	71,700	171,000*	205
210									17.0	250.7	82,500	175,800*	35.9	282.0	68,400	165,800*	210
215													31.8	273.9	65,200	160,800*	215
220													26.9	264.2	62,100	155,900*	220
225													21.0	251.7	58,900	151,200*	225
230													12.2	232.4	55,600	146,500*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
110	67.2	364.3	282,700	369,200*													110
115	65.0	361.8	266,900	362,000*													115
120	62.9	359.2	252,500	353,700*													120
125	60.7	356.3	239,300	344,400*													125
130	58.4	353.1	227,200	334,500*													130
135	56.1	349.7	216,100	324,300*													135
140	53.7	345.9	205,700	313,600*	62.3	354.0	179,800	298,100*									140
145	51.2	341.8	196,100	302,600*	60.1	351.0	171,200	286,600*									145
150	48.7	337.4	187,200	291,800*	57.8	347.8	163,200	275,900*									150
155	46.0	332.4	178,800	281,200*	55.5	344.2	155,800	265,800*									155
160	43.2	327.0	170,900	270,800*	53.1	340.4	148,800	256,300*									160
165	40.2	321.0	163,600	260,700*	50.6	336.2	142,200	247,400*									165
170	37.0	314.4	156,600	251,100*	48.0	331.6	136,000	239,000*	57.0	340.4	115,600	225,200*					170
175	33.5	306.8	150,000	242,200*	45.3	326.6	130,200	231,000*	54.6	336.8	110,500	217,600*					175
180	29.7	298.0	143,700	234,000*	42.4	321.0	124,700	223,500*	52.2	332.8	105,600	210,500*					180
185	25.3	287.6	137,700	226,700*	39.4	314.9	119,400	216,300*	49.7	328.5	101,000	203,800*					185
190	19.9	274.5	131,800	208,200*	36.1	308.0	114,400	209,500*	47.1	323.8	96,700	197,400*					190
195	12.1	254.6	126,000	184,200*	32.6	300.1	109,700	203,000*	44.3	318.6	92,500	191,200*					195
200					28.6	291.0	105,100	196,800*	41.4	312.8	88,500	185,400*	51.0	323.2	72,000	173,900*	200
205					24.0	280.1	100,600	190,800*	38.3	306.4	84,700	179,800*	48.5	318.6	68,700	168,600*	205
210					18.2	265.8	96,200	185,000*	34.9	299.2	81,100	174,400*	45.8	313.7	65,600	163,500*	210
215					8.8	241.6	91,500	179,100*	31.3	291.0	77,500	169,200*	42.9	308.2	62,600	158,600*	215
220									27.1	281.3	74,100	164,100*	40.0	302.2	59,700	154,000*	220
225									22.2	269.4	70,700	159,300*	36.7	295.4	56,900	149,500*	225
230									15.7	253.2	67,300	154,500*	33.3	287.8	54,100	145,200*	230
235													29.4	278.9	51,500	141,000*	235
240													24.9	268.4	48,900	137,000*	240
245													19.4	254.9	46,200	133,000*	245
250													11.2	234.0	43,400	129,000*	250

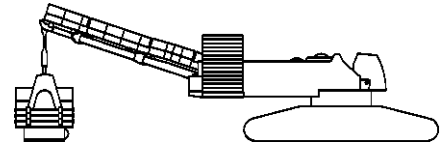


Liftcrane Luffing Jib Capacities

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
 467,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



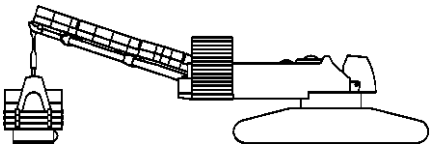
220 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
120	66.3	381.6	248,500	319,300*													120
125	64.4	379.2	235,400	313,400*													125
130	62.5	376.5	223,400	306,800*													130
135	60.6	373.6	212,300	299,400*													135
140	58.6	370.5	202,000	291,600*													140
145	56.6	367.1	192,400	283,600*													145
150	54.5	363.5	183,500	275,100*	62.0	371.3	158,700	272,100*									150
155	52.3	359.5	175,300	266,400*	60.1	368.3	151,300	262,100*									155
160	50.1	355.3	167,500	257,600*	58.1	365.1	144,400	252,700*									160
165	47.8	350.7	160,200	248,900*	56.0	361.7	137,900	243,800*									165
170	45.5	345.7	153,300	240,400*	53.9	358.0	131,800	235,500*									170
175	43.0	340.2	146,900	232,100*	51.8	354.0	126,100	227,600*									175
180	40.4	334.3	140,800	224,000*	49.5	349.6	120,700	220,100*	57.4	357.8	100,800	206,600*					180
185	37.6	327.7	135,000	216,200*	47.2	344.9	115,500	213,100*	55.3	354.3	96,300	200,000*					185
190	34.6	320.5	129,400	208,900*	44.8	339.8	110,700	206,300*	53.2	350.5	92,000	193,600*					190
195	31.4	312.2	124,200	202,000*	42.3	334.2	106,000	199,900*	51.0	346.3	88,000	187,600*					195
200	27.8	302.8	119,100	195,800*	39.7	328.1	101,600	193,800*	48.7	341.9	84,100	181,800*					200
205	23.6	291.6	114,300	188,700*	36.8	321.4	97,400	188,000*	46.4	337.0	80,400	176,400*					205
210	18.6	277.5	109,500	172,800*	33.8	313.9	93,300	182,500*	44.0	331.8	76,900	171,000*	52.2	340.9	60,700	159,600*	210
215	11.2	256.3	104,600	153,400*	30.5	305.4	89,400	177,100*	41.4	326.0	73,500	165,900*	49.9	336.6	57,700	154,800*	215
220					26.8	295.6	85,700	171,900*	38.7	319.7	70,300	161,000*	47.7	332.0	54,900	150,300*	220
225					22.4	283.8	82,000	166,900*	35.8	312.8	67,100	156,400*	45.3	326.9	52,300	145,900*	225
230					17.0	268.5	78,300	161,900*	32.7	304.9	64,100	151,900*	42.8	321.5	49,700	141,700*	230
235					8.2	242.7	74,400	154,500*	29.2	296.0	61,200	147,500*	40.1	315.5	47,200	137,600*	235
240									25.3	285.6	58,400	143,300*	37.3	308.9	44,800	133,700*	240
245									20.7	272.9	55,500	139,200*	34.3	301.5	42,400	130,000*	245
250									14.6	255.5	52,600	135,200*	31.1	293.2	40,200	126,300*	250
255													27.5	283.7	37,900	122,800*	255
260													23.3	272.3	35,700	119,400*	260
270													10.4	235.5	31,100	112,600*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
125	67.3	401.4	232,700	281,100*													125
130	65.7	399.0	220,600	278,300*													130
135	64.0	396.5	209,500	273,500*													135
140	62.3	393.8	199,300	268,100*													140
145	60.5	390.9	189,700	262,200*													145
150	58.8	387.8	180,900	256,100*													150
155	56.9	384.5	172,600	249,500*													155
160	55.1	381.0	164,900	242,700*	61.8	388.6	141,300	250,000*									160
165	53.2	377.1	157,700	235,700*	60.1	385.6	134,800	241,200*									165
170	51.3	373.1	150,800	228,700*	58.3	382.5	128,800	232,900*									170
175	49.2	368.7	144,400	221,500*	56.5	379.1	123,100	225,000*									175
180	47.2	364.0	138,400	214,500*	54.6	375.5	117,700	217,600*									180
185	45.0	358.9	132,700	207,600*	52.7	371.6	112,600	210,600*									185
190	42.8	353.5	127,200	200,800*	50.7	367.5	107,800	203,900*	57.7	375.2	88,700	190,900*					190
195	40.5	347.5	122,100	194,300*	48.7	363.0	103,200	197,600*	55.8	371.7	84,700	184,900*					195
200	38.0	341.1	117,200	187,900*	46.6	358.2	98,900	191,500*	53.9	368.0	80,800	179,200*					200
205	35.4	334.0	112,500	181,900*	44.5	353.0	94,700	185,800*	52.0	364.0	77,200	173,800*					205
210	32.6	326.2	108,000	176,200*	42.2	347.5	90,800	180,300*	50.0	359.8	73,700	168,500*					210
215	29.5	317.4	103,700	170,900*	39.8	341.4	87,000	175,000*	48.0	355.2	70,400	163,500*					215
220	26.2	307.3	99,500	166,300*	37.3	334.8	83,400	170,000*	45.9	350.3	67,300	158,600*					220
225	22.3	295.4	95,500	158,200*	34.7	327.6	79,900	165,000*	43.7	345.0	64,200	154,000*	51.1	354.4	48,900	143,200*	225
230	17.5	280.4	91,500	145,200*	31.8	319.5	76,600	160,300*	41.4	339.3	61,300	149,600*	49.1	350.0	46,300	139,000*	230
235	10.5	257.9	87,500	129,100*	28.7	310.4	73,300	155,800*	39.0	333.0	58,500	145,300*	47.0	345.3	43,900	135,000*	235
240					25.2	299.9	70,200	151,400*	36.4	326.2	55,800	141,300*	44.9	340.2	41,600	131,200*	240
245					21.1	287.4	67,100	147,100*	33.7	318.7	53,200	137,300*	42.6	334.7	39,400	127,500*	245
250					16.0	271.1	64,000	143,000*	30.8	310.3	50,700	133,500*	40.3	328.7	37,200	124,000*	250
255					7.6	243.8	60,600	130,400*	27.5	300.8	48,200	129,900*	37.8	322.2	35,100	120,600*	255
260									23.9	289.7	45,800	126,300*	35.2	315.1	33,100	117,300*	260
270									13.7	257.6	40,900	119,300*	29.3	298.3	29,200	111,000*	270
280													21.9	276.0	25,400	105,000*	280
290													9.7	237.0	21,300	99,100*	290

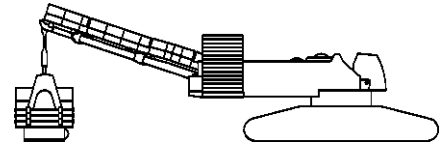


Liftcrane Luffing Jib Capacities

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
 467,800 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

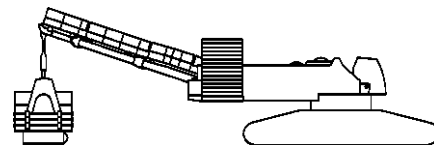
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib 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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
135	66.6	418.8	205,400	245,200*													135
140	65.1	416.4	195,200	242,900*													140
145	63.6	413.9	185,700	239,000*													145
150	62.1	411.1	176,900	234,600*													150
155	60.5	408.2	168,700	229,900*													155
160	58.9	405.2	161,000	225,000*													160
165	57.2	401.9	153,800	219,800*													165
170	55.6	398.4	147,000	214,300*	61.6	405.9	124,200	229,100*									170
175	53.9	394.7	140,600	208,700*	60.1	403.0	118,600	221,300*									175
180	52.1	390.7	134,600	203,000*	58.5	399.8	113,200	214,000*									180
185	50.4	386.5	128,900	197,300*	56.8	396.5	108,200	207,000*									185
190	48.5	382.1	123,600	191,400*	55.1	393.0	103,400	200,400*									190
195	46.6	377.3	118,500	185,800*	53.4	389.2	98,900	194,100*									195
200	44.7	372.2	113,600	180,200*	51.7	385.2	94,600	188,100*	57.9	392.6	76,000	175,300*					200
205	42.7	366.7	109,000	174,700*	49.9	380.9	90,600	182,400*	56.2	389.1	72,400	169,900*					205
210	40.6	360.8	104,600	169,300*	48.0	376.3	86,700	176,900*	54.6	385.5	69,000	164,800*					210
215	38.4	354.4	100,400	164,100*	46.1	371.5	83,000	171,700*	52.8	381.7	65,800	159,800*					215
220	36.0	347.5	96,400	159,200*	44.2	366.3	79,400	166,700*	51.1	377.6	62,700	155,000*					220
225	33.6	339.9	92,500	154,400*	42.1	360.7	76,000	161,900*	49.3	373.2	59,700	150,400*					225
230	30.9	331.6	88,800	150,000*	40.0	354.7	72,800	157,200*	47.4	368.5	56,900	146,100*					230
235	28.0	322.2	85,200	145,500*	37.8	348.2	69,600	152,800*	45.5	363.6	54,100	141,900*	52.0	372.1	39,000	131,200*	235
240	24.8	311.6	81,800	139,900*	35.4	341.1	66,600	148,500*	43.5	358.2	51,500	137,900*	50.2	367.9	36,700	127,400*	240
245	21.1	298.9	78,400	132,400*	32.9	333.4	63,700	144,400*	41.4	352.5	49,000	134,000*	48.4	363.4	34,600	123,800*	245
250	16.5	283.1	75,000	121,500*	30.2	324.8	60,900	140,400*	39.2	346.3	46,600	130,300*	46.5	358.5	32,500	120,300*	250
255	9.9	259.4	71,500	107,800*	27.2	315.1	58,200	136,500*	37.0	339.6	44,200	126,700*	44.5	353.4	30,400	116,900*	255
260					23.9	304.0	55,500	132,800*	34.5	332.4	41,900	123,200*	42.5	347.9	28,500	113,700*	260
270					15.1	273.6	50,200	124,600*	29.2	315.4	37,600	116,600*	38.2	335.5	24,800	107,600*	270
280									22.6	293.5	33,400	110,400*	33.3	321.0	21,300	101,800*	280
290									13.0	259.7	29,200	104,400*	27.8	303.1	17,900	96,400*	290
300													20.8	279.5	14,700	91,300*	300
310													9.2	238.3	11,100	86,100*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
150	64.7	433.8	173,900	212,900*													150
155	63.3	431.2	165,700	209,800*													155
160	61.9	428.5	158,000	206,300*													160
165	60.4	425.6	150,800	202,500*													165
170	59.0	422.5	144,100	198,600*													170
175	57.5	419.3	137,700	194,400*	62.9	426.0	115,200	204,800*									175
180	56.0	415.8	131,700	190,100*	61.5	423.2	109,900	204,800*									180
185	54.4	412.2	126,100	185,600*	60.1	420.3	104,900	204,300*									185
190	52.9	408.4	120,700	181,000*	58.6	417.2	100,200	197,700*									190
195	51.3	404.3	115,700	176,300*	57.1	413.9	95,700	191,400*									195
200	49.6	400.0	110,800	171,600*	55.6	410.4	91,400	185,400*									200
205	47.9	395.4	106,300	166,800*	54.0	406.7	87,400	179,800*									205
210	46.2	390.6	101,900	162,200*	52.5	402.8	83,500	174,300*									210
215	44.4	385.4	97,800	157,600*	50.8	398.7	79,800	169,200*	56.6	406.6	62,300	157,000*					215
220	42.6	379.9	93,800	153,100*	49.2	394.3	76,300	164,200*	55.0	403.0	59,200	152,300*					220
225	40.6	374.0	90,000	148,700*	47.5	389.7	73,000	159,500*	53.5	399.2	56,300	147,800*					225
230	38.6	367.7	86,300	144,500*	45.7	384.7	69,800	154,800*	51.9	395.3	53,500	143,400*					230
235	36.5	360.9	82,800	140,400*	43.9	379.5	66,700	150,400*	50.3	391.0	50,800	139,200*					235
240	34.3	353.6	79,500	136,400*	42.1	373.9	63,700	146,200*	48.6	386.6	48,200	135,300*					240
245	32.0	345.6	76,200	132,700*	40.1	367.9	60,900	142,100*	46.9	381.9	45,700	131,400*	52.7	389.7	31,000	121,000*	245
250	29.4	336.7	73,100	128,000*	38.1	361.5	58,200	138,200*	45.1	376.8	43,400	127,700*	51.1	385.6	28,900	117,500*	250
255	26.7	326.9	70,100	123,100*	36.0	354.6	55,500	134,400*	43.3	371.5	41,100	124,200*	49.5	381.3	26,900	114,200*	255
260	23.6	315.6	67,100	118,500*	33.7	347.1	53,000	130,700*	41.4	365.7	38,900	120,800*	47.8	376.7	25,000	111,000*	260
270	15.7	285.7	61,300	102,100*	28.7	329.8	48,100	123,800*	37.4	353.0	34,600	114,300*	44.3	366.6	21,400	105,000*	270
280					22.8	307.9	43,400	117,300*	32.9	338.2	30,700	108,300*	40.5	355.2	18,100	99,300*	280
290					14.4	276.0	38,800	105,200*	27.8	320.2	26,900	102,600*	36.4	342.0	14,900	94,000*	290
300									21.5	297.2	23,300	97,200*	31.8	326.6	11,800	89,000*	300
310									12.3	261.7	19,600	91,900*	26.4	307.7	8,900	84,300*	310
320													19.8	282.8	6,100	79,800*	320
330													8.7	239.6	2,900	74,800*	330

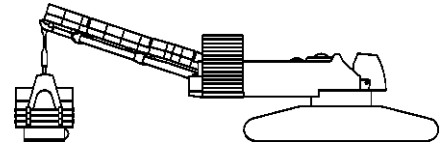


Liftcrane Luffing Jib Capacities

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
 467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
160	64.3	451.1	153,900	184,400*													160
165	63.0	448.5	146,700	183,800*													165
170	61.7	445.8	140,000	181,000*													170
175	60.4	442.9	133,700	178,000*													175
180	59.1	439.8	127,700	174,900*													180
185	57.7	436.6	122,100	171,700*	62.7	443.3	100,300	176,200*									185
190	56.3	433.2	116,800	168,200*	61.4	440.5	95,600	176,200*									190
195	54.9	429.7	111,700	164,700*	60.1	437.6	91,200	176,200*									195
200	53.5	425.9	107,000	161,000*	58.7	434.5	87,000	176,200*									200
205	52.0	422.0	102,400	157,300*	57.3	431.2	82,900	176,200*									205
210	50.5	417.8	98,100	153,600*	56.0	427.8	79,100	170,800*									210
215	49.0	413.4	94,000	149,800*	54.5	424.2	75,500	165,700*									215
220	47.4	408.7	90,000	145,300*	53.1	420.4	72,000	160,800*									220
225	45.8	403.8	86,300	140,800*	51.6	416.4	68,700	156,100*	56.9	423.9	51,500	144,000*					225
230	44.2	398.6	82,700	136,400*	50.1	412.2	65,500	151,500*	55.5	420.5	48,800	139,700*					230
235	42.5	393.1	79,200	132,100*	48.6	407.7	62,500	147,100*	54.0	416.8	46,100	135,600*					235
240	40.7	387.3	75,900	127,900*	47.0	403.0	59,600	142,900*	52.6	412.9	43,600	131,600*					240
245	38.9	381.0	72,700	123,800*	45.4	398.0	56,800	138,800*	51.1	408.8	41,100	127,800*					245
250	37.0	374.3	69,700	119,800*	43.7	392.7	54,100	134,900*	49.6	404.5	38,800	124,200*					250
255	34.9	367.2	66,700	115,800*	42.0	387.1	51,500	131,200*	48.0	400.0	36,600	120,700*					255
260	32.8	359.4	63,900	112,000*	40.2	381.2	49,000	127,600*	46.5	395.1	34,400	117,300*	51.9	403.3	20,100	107,200*	260
270	28.2	341.6	58,400	104,600*	36.4	368.0	44,300	120,200*	43.1	384.7	30,300	110,900*	48.9	394.7	16,600	101,200*	270
280	22.6	319.5	53,300	97,600*	32.3	352.8	39,800	112,400*	39.6	372.9	26,400	104,900*	45.7	385.1	13,400	95,700*	280
290	15.1	288.2	48,300	84,700*	27.5	334.6	35,600	104,900*	35.7	359.4	22,800	99,400*	42.3	374.3	10,300	90,500*	290
300					21.8	311.6	31,600	98,100*	31.5	343.7	19,400	94,100*	38.7	362.2	7,400	85,600*	300
310					13.8	278.2	27,600	87,600*	26.6	324.8	16,200	89,200*	34.8	348.2	4,600	80,600*	310
320									20.6	300.7	13,000	84,500*	30.4	331.9	2,000	75,700*	320
330									11.8	263.6	9,700	79,800*	25.3	312.0		71,100*	330
340													18.9	286.0		66,600*	340
350													8.3	240.9		62,000*	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

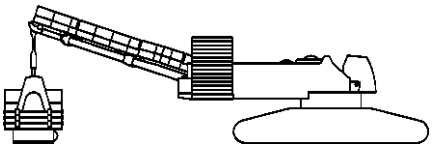
320,000 Lb. Carbody Counterweight

467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
175	62.8	465.9	130,600	160,200*													175
180	61.6	463.1	124,600	159,300*													180
185	60.4	460.2	119,000	157,000*													185
190	59.1	457.2	113,700	154,500*													190
195	57.9	454.0	108,600	151,600*	62.5	460.6	87,700	152,400*									195
200	56.6	450.6	103,900	147,200*	61.3	457.9	83,500	152,400*									200
205	55.3	447.1	99,300	142,800*	60.1	454.9	79,500	152,400*									205
210	54.0	443.4	95,000	138,600*	58.8	451.9	75,700	152,400*									210
215	52.6	439.6	90,900	134,300*	57.5	448.6	72,100	150,500*									215
220	51.3	435.5	87,000	130,100*	56.3	445.2	68,700	146,400*									220
225	49.9	431.2	83,300	125,700*	55.0	441.7	65,400	142,300*									225
230	48.5	426.8	79,700	121,600*	53.6	438.0	62,200	138,100*									230
235	47.0	422.1	76,300	117,500*	52.3	434.0	59,200	133,900*	57.1	441.3	42,500	132,800*					235
240	45.5	417.1	73,000	113,500*	50.9	429.9	56,300	129,800*	55.8	437.9	40,000	128,900*					240
245	44.0	411.9	69,800	109,600*	49.5	425.6	53,600	125,700*	54.5	434.3	37,600	125,100*					245
250	42.4	406.4	66,800	105,800*	48.1	421.1	50,900	121,600*	53.2	430.5	35,300	121,400*					250
255	40.8	400.5	63,900	102,000*	46.6	416.3	48,300	117,600*	51.8	426.5	33,100	118,000*					255
260	39.1	394.3	61,100	98,300*	45.1	411.3	45,900	113,600*	50.4	422.3	30,900	114,600*					260
270	35.5	380.7	55,800	91,200*	42.0	400.4	41,200	105,900*	47.6	413.3	26,900	108,300*	52.5	420.9	13,000	98,400*	270
280	31.5	365.0	50,800	84,500*	38.6	388.1	36,800	98,500*	44.6	403.3	23,100	102,300*	49.8	412.6	9,800	92,900*	280
290	27.0	346.4	46,100	78,200*	35.0	374.2	32,800	91,400*	41.4	392.2	19,600	96,800*	46.9	403.3	6,700	87,500*	290
300	21.7	323.2	41,600	72,300*	31.0	358.2	28,900	84,700*	38.0	379.7	16,300	91,700*	43.8	393.1	3,900	82,100*	300
310	14.4	290.5	37,200	66,800*	26.4	339.2	25,200	78,400*	34.3	365.5	13,100	86,800*	40.6	381.7	1,200	77,100*	310
320					20.9	315.2	21,700	72,500*	30.2	349.0	10,200	82,200*	37.2	368.8		72,300*	320
330					13.2	280.4	18,200	67,100*	25.5	329.3	7,300	77,900*	33.4	354.1		67,800*	330
340									19.8	304.0	4,500	72,200*	29.2	337.0		63,500*	340
350									11.3	265.4	1,600	66,900*	24.3	316.2		59,300*	350
360													18.1	289.1		55,300*	360
370													7.9	242.1		51,200*	370

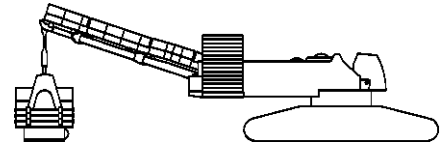


Liftcrane Luffing Jib Capacities

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
 467,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



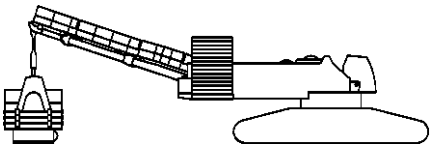
220 Ft. Boom, 290 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
185	62.6	483.2	114,900	139,000*													185
190	61.5	480.4	109,600	138,300*													190
195	60.3	477.5	104,600	134,300*													195
200	59.2	474.5	99,900	130,300*													200
205	58.0	471.3	95,300	126,200*	62.3	478.0	75,000	131,200*									205
210	56.8	468.0	91,000	122,100*	61.2	475.2	71,200	131,200*									210
215	55.6	464.5	87,000	118,000*	60.0	472.2	67,700	131,200*									215
220	54.4	460.9	83,100	114,100*	58.9	469.2	64,200	128,900*									220
225	53.2	457.1	79,300	110,100*	57.7	466.0	61,000	125,000*									225
230	51.9	453.2	75,800	106,100*	56.5	462.6	57,900	121,100*									230
235	50.6	449.0	72,400	102,200*	55.3	459.1	54,900	117,200*									235
240	49.3	444.7	69,100	98,400*	54.1	455.5	52,000	113,300*									240
245	48.0	440.1	66,000	94,600*	52.9	451.6	49,300	109,600*	57.3	458.7	32,900	121,400*					245
250	46.6	435.4	63,000	90,800*	51.6	447.6	46,600	105,700*	56.1	455.3	30,600	117,800*					250
255	45.2	430.4	60,100	87,200*	50.3	443.4	44,100	101,900*	54.9	451.7	28,400	114,300*					255
260	43.8	425.1	57,300	83,600*	49.0	439.0	41,700	98,200*	53.7	448.0	26,300	111,000*					260
270	40.8	413.7	52,100	76,800*	46.3	429.6	37,100	90,600*	51.1	440.0	22,300	103,800*					270
280	37.6	401.1	47,200	70,300*	43.4	419.2	32,800	83,500*	48.5	431.3	18,600	96,700*					280
290	34.2	386.7	42,600	64,100*	40.4	407.7	28,800	76,700*	45.8	421.7	15,200	89,500*	50.5	430.4	1,900	82,500*	290
300	30.4	370.3	38,300	58,200*	37.2	394.8	25,000	70,200*	42.9	411.1	11,900	82,600*	47.9	421.4		77,200*	300
310	26.0	350.9	34,200	52,600*	33.7	380.2	21,500	64,000*	39.9	399.4	8,900	75,900*	45.1	411.6		72,300*	310
320	20.9	326.7	30,300	47,400*	29.8	363.5	18,100	58,100*	36.6	386.2	6,000	69,500*	42.2	400.8		67,600*	320
330	13.9	292.8	26,400	42,700*	25.4	343.6	14,900	52,600*	33.0	371.4	3,300	63,400*	39.1	388.7		63,100*	330
340					20.1	318.6	11,800	47,400*	29.1	354.1	600	57,600*	35.8	375.2		58,900*	340
350					12.7	282.4	8,600	42,700*	24.6	333.5		52,200*	32.2	359.8		54,900*	350
360									19.0	307.3		47,100*	28.1	341.9		51,100*	360
370									10.9	267.1		42,500*	23.4	320.3		47,500*	370
380													17.5	292.0		43,900*	380
390													7.6	243.3		40,100*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
200	61.4	497.7	96,600	115,300*													200
205	60.3	494.8	92,100	111,500*													205
210	59.2	491.8	87,800	107,700*													210
215	58.2	488.7	83,800	103,900*	62.2	495.3	64,200	112,800*									215
220	57.0	485.4	79,900	100,200*	61.1	492.5	60,800	112,800*									220
225	55.9	482.0	76,200	96,500*	60.0	489.6	57,500	109,900*									225
230	54.8	478.4	72,600	92,800*	59.0	486.5	54,400	106,300*									230
235	53.6	474.7	69,200	89,000*	57.9	483.3	51,400	102,700*									235
240	52.5	470.8	66,000	85,400*	56.8	480.0	48,600	99,100*									240
245	51.3	466.7	62,900	81,700*	55.6	476.5	45,800	95,500*									245
250	50.1	462.5	59,900	78,200*	54.5	472.9	43,200	92,000*									250
255	48.8	458.1	57,000	74,700*	53.3	469.2	40,700	88,400*	57.5	476.0	24,800	99,700*					255
260	47.6	453.5	54,200	71,300*	52.2	465.2	38,300	84,800*	56.4	472.7	22,700	96,400*					260
270	45.0	443.6	49,000	64,600*	49.8	456.9	33,700	77,700*	54.1	465.5	18,800	89,800*					270
280	42.3	432.8	44,200	58,300*	47.3	447.7	29,500	70,900*	51.7	457.7	15,100	83,100*					280
290	39.4	420.9	39,700	52,100*	44.6	437.8	25,500	64,300*	49.3	449.2	11,700	76,300*					290
300	36.3	407.5	35,400	46,400*	41.9	426.8	21,800	58,000*	46.8	439.9	8,500	69,700*	51.2	448.1	73,500*		300
310	33.0	392.6	31,400	41,000*	39.0	414.7	18,300	51,900*	44.2	429.8	5,500	63,400*	48.7	439.4	68,500*		310
320	29.3	375.4	27,600	35,800*	35.9	401.2	15,000	46,200*	41.4	418.6	2,600	57,100*	46.2	429.9	63,900*		320
330	25.1	355.2	24,000	31,000*	32.5	386.0	11,900	40,800*	38.5	406.3		51,200*	43.5	419.6	59,500*		330
340	20.2	330.2	20,500	26,500*	28.8	368.5	8,900	35,700*	35.3	392.6		45,500*	40.7	408.2	55,400*		340
350	13.4	295.1	17,100	22,300*	24.6	347.8	6,100	30,800*	31.9	377.0		40,200*	37.7	395.5	49,900*		350
360					19.4	321.9	3,300	26,300*	28.1	359.0		35,100*	34.5	381.4	44,400*		360
370					12.2	284.5	500	22,200*	23.7	337.6		30,400*	31.0	365.3	39,200*		370
380									18.4	310.4		25,900*	27.1	346.7	34,200*		380
390									10.5	268.8		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

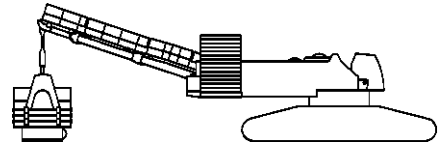
467,800 Lb. Hanging Counterweight

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	80 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	67.3	328.7	367,800	495,200*(b)													90
95	63.7	326.1	343,800	482,700*(b)													95
100	60.0	323.1	322,400	457,300*(b)													100
105	56.1	319.6	303,100	434,200*													105
110	52.0	315.5	285,600	413,100*													110
115	47.6	310.8	269,700	393,800*													115
120	42.9	305.3	255,100	376,000*	60.3	318.5	224,500	355,900*(b)									120
125	37.6	298.7	241,600	359,500*	56.4	315.0	212,700	340,500*									125
130	31.6	290.6	229,100	344,200*	52.4	311.0	201,900	326,100*									130
135	24.0	279.7	217,200	329,800*	48.0	306.4	191,800	312,800*									135
140	11.3	260.5	205,300	272,800*	43.3	300.9	182,300	300,300*									140
145					38.1	294.5	173,500	288,600*	56.4	308.3	149,500	272,500*					145
150					32.1	286.5	165,100	277,600*	52.3	304.3	142,300	262,300*					150
155					24.7	275.9	157,100	267,100*	47.9	299.6	135,600	252,600*					155
160					13.0	258.2	148,900	256,900*	43.2	294.2	129,300	243,500*					160
165									38.0	287.7	123,300	234,900*					165
170									32.0	279.6	117,500	226,700*	51.6	295.3	98,200	213,600*	170
175									24.5	269.0	111,800	218,900*	47.3	290.5	93,600	206,400*	175
180									12.6	251.0	105,800	211,000*	42.5	284.9	89,200	199,600*	180
185													37.2	278.2	85,000	193,100*	185
190													31.0	269.9	80,800	186,700*	190
195													23.2	258.7	76,700	180,500*	195
200													9.1	237.2	71,900	174,000*	200

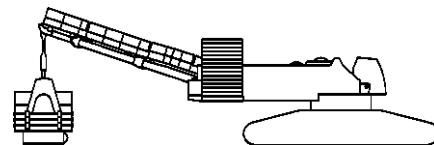
Capacities indicated by (b) require
21,000 Lb. minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
467,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



240 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100	66.0	346.1	320,800	426,300*(b)													100
105	63.0	343.4	301,700	415,500*													105
110	60.0	340.4	284,400	403,300*													110
115	56.8	337.0	268,700	390,100*													115
120	53.6	333.2	254,300	374,600*													120
125	50.1	328.9	241,100	358,400*													125
130	46.5	324.1	229,000	343,300*	60.2	335.8	199,700	324,000*									130
135	42.6	318.5	217,700	329,300*	57.1	332.4	189,800	310,800*									135
140	38.4	312.1	207,200	316,200*	53.8	328.7	180,700	298,600*									140
145	33.7	304.6	197,400	304,000*	50.4	324.4	172,100	287,100*									145
150	28.2	295.4	188,200	292,500*	46.8	319.6	164,100	276,300*									150
155	21.4	283.2	179,300	281,500*	43.0	314.1	156,600	266,200*	57.0	325.7	133,200	250,500*					155
160	9.9	261.7	170,200	233,600*	38.8	307.8	149,500	256,700*	53.8	322.0	127,100	241,500*					160
165					34.1	300.4	142,800	247,700*	50.4	317.7	121,300	233,100*					165
170					28.7	291.3	136,400	239,100*	46.8	312.9	115,900	225,200*					170
175					22.0	279.5	130,100	230,900*	42.9	307.4	110,700	217,600*					175
180					11.4	259.7	123,700	222,800*	38.7	301.0	105,800	210,500*					180
185									34.0	293.6	101,100	203,700*	49.8	308.6	82,600	191,100*	185
190									28.6	284.5	96,500	197,100*	46.2	303.7	78,800	185,000*	190
195									21.9	272.5	92,000	190,800*	42.3	298.1	75,200	179,100*	195
200									11.1	252.4	87,100	184,400*	38.0	291.6	71,700	173,500*	200
205													33.3	284.0	68,300	168,100*	205
210													27.7	274.6	65,000	162,900*	210
215													20.7	262.0	61,600	157,800*	215
220													7.9	238.0	57,700	152,400*	220

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

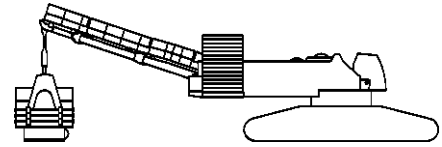


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 467,800 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

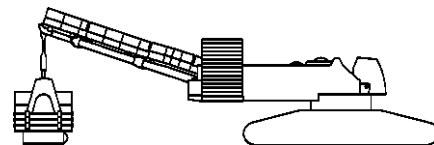
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib 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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	67.5	365.9	297,900	374,900*													105
110	65.1	363.4	280,700	367,100*													110
115	62.5	360.7	265,100	358,000*													115
120	60.0	357.7	250,800	348,000*													120
125	57.3	354.4	237,800	337,200*													125
130	54.6	350.8	225,700	326,300*													130
135	51.8	346.7	214,700	314,900*	62.8	356.1	185,300	307,000*									135
140	48.8	342.3	204,400	303,600*	60.2	353.1	176,300	294,800*									140
145	45.7	337.3	194,800	292,400*	57.6	349.8	167,900	283,500*									145
150	42.4	331.7	185,900	281,500*	54.8	346.2	160,100	272,800*									150
155	38.9	325.5	177,500	270,900*	52.0	342.2	152,700	262,900*									155
160	35.0	318.3	169,600	261,200*	49.1	337.8	145,800	253,500*									160
165	30.7	309.9	162,100	252,400*	46.0	332.9	139,400	244,700*	57.5	343.1	116,500	229,200*					165
170	25.7	299.7	155,000	244,900*	42.7	327.3	133,300	236,300*	54.8	339.5	111,200	221,400*					170
175	19.4	286.3	148,100	239,300*	39.2	321.1	127,500	228,400*	52.0	335.5	106,300	214,000*					175
180	8.8	262.8	140,900	200,100*	35.4	314.0	122,000	220,900*	49.0	331.0	101,500	207,000*					180
185					31.1	305.7	116,700	213,800*	45.9	326.1	97,000	200,300*					185
190					26.2	295.7	111,600	206,900*	42.7	320.6	92,800	194,000*					190
195					20.0	282.7	106,600	200,300*	39.1	314.4	88,700	188,000*	51.5	326.5	70,400	175,300*	195
200					10.2	261.1	101,400	193,700*	35.3	307.2	84,800	182,200*	48.6	322.0	67,100	169,800*	200
205									31.0	298.9	81,000	176,600*	45.5	317.0	63,900	164,600*	205
210									26.1	288.9	77,300	171,200*	42.1	311.3	60,900	159,600*	210
215									19.9	275.8	73,600	165,900*	38.6	305.0	57,900	154,800*	215
220									9.9	253.8	69,600	160,500*	34.7	297.7	55,100	150,200*	220
225													30.3	289.2	52,300	145,700*	225
230													25.3	278.8	49,600	141,400*	230
235													18.8	265.0	46,800	137,200*	235
240													7.0	238.7	43,500	132,700*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115	66.5	383.2	262,600	325,400*													115
120	64.4	380.8	248,400	318,800*													120
125	62.2	378.0	235,400	311,300*													125
130	60.0	375.1	223,400	303,000*													130
135	57.7	371.8	212,400	294,300*													135
140	55.4	368.3	202,200	285,500*													140
145	53.0	364.4	192,700	276,300*	62.4	373.4	164,900	280,900*									145
150	50.5	360.2	183,900	267,000*	60.2	370.4	157,200	270,300*									150
155	47.9	355.6	175,700	257,700*	57.9	367.2	149,900	260,400*									155
160	45.2	350.5	167,900	248,700*	55.6	363.7	143,100	251,100*									160
165	42.3	345.0	160,700	239,900*	53.2	359.9	136,800	242,400*									165
170	39.3	338.8	153,800	231,300*	50.7	355.7	130,800	234,100*									170
175	36.0	331.8	147,300	223,400*	48.1	351.1	125,100	226,300*	57.9	360.5	103,100	211,400*					175
180	32.4	323.9	141,200	216,000*	45.4	346.1	119,800	218,900*	55.5	357.0	98,400	204,400*					180
185	28.4	314.8	135,300	209,400*	42.5	340.5	114,700	211,900*	53.1	353.1	94,000	197,800*					185
190	23.8	303.7	129,600	203,800*	39.5	334.4	109,800	205,200*	50.6	349.0	89,900	191,600*					190
195	17.9	289.2	124,100	199,700*	36.3	327.5	105,200	198,900*	48.0	344.4	85,900	185,700*					195
200	8.0	263.8	118,200	173,300*	32.7	319.7	100,800	192,800*	45.3	339.3	82,200	180,000*					200
205					28.8	310.7	96,600	187,000*	42.5	333.8	78,600	174,600*	52.8	344.2	60,600	162,000*	205
210					24.2	299.8	92,400	181,400*	39.5	327.6	75,100	169,300*	50.2	339.9	57,700	157,100*	210
215					18.5	285.7	88,300	175,900*	36.2	320.8	71,800	164,200*	47.6	335.3	54,900	152,400*	215
220					9.4	262.3	84,000	170,300*	32.7	313.0	68,600	159,400*	44.9	330.2	52,200	147,900*	220
225									28.7	303.9	65,400	154,700*	42.0	324.6	49,600	143,600*	225
230									24.1	292.9	62,400	150,200*	39.0	318.3	47,100	139,400*	230
235									18.4	278.7	59,300	145,800*	35.7	311.3	44,700	135,400*	235
240									9.1	255.0	55,900	141,300*	32.1	303.3	42,300	131,600*	240
245													28.1	294.0	40,000	127,900*	245
250													23.4	282.7	37,700	124,200*	250
255													17.3	267.8	35,400	120,600*	255
260													6.3	239.4	32,500	116,800*	260

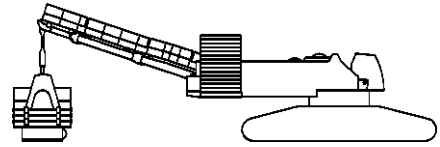


Liftcrane Luffing Jib Capacities

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
 467,800 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

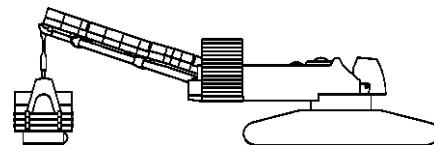
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib 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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
120	67.6	402.9	244,300	287,500*													120
125	65.8	400.6	231,300	282,800*													125
130	63.9	398.1	219,400	277,300*													130
135	61.9	395.4	208,500	271,200*													135
140	60.0	392.4	198,300	264,600*													140
145	58.0	389.2	188,900	257,800*													145
150	55.9	385.7	180,100	250,500*													150
155	53.8	382.0	172,000	243,100*	62.1	390.7	145,200	256,500*									155
160	51.7	378.0	164,300	235,600*	60.2	387.7	138,500	247,300*									160
165	49.4	373.6	157,100	228,100*	58.2	384.6	132,300	238,600*									165
170	47.1	368.9	150,400	220,600*	56.1	381.1	126,300	230,500*									170
175	44.7	363.8	144,000	213,300*	54.0	377.4	120,800	222,700*									175
180	42.2	358.2	138,000	206,100*	51.9	373.4	115,500	215,400*									180
185	39.5	352.0	132,300	199,300*	49.6	369.1	110,500	208,500*									185
190	36.7	345.3	126,900	192,600*	47.3	364.4	105,800	201,900*	56.1	374.4	85,000	187,700*					190
195	33.6	337.7	121,700	186,500*	44.9	359.3	101,300	195,600*	54.0	370.7	81,100	181,800*					195
200	30.3	329.2	116,700	180,800*	42.4	353.8	97,000	189,600*	51.8	366.7	77,500	176,200*					200
205	26.6	319.3	112,000	175,800*	39.7	347.7	93,000	183,900*	49.6	362.4	74,000	170,900*					205
210	22.2	307.4	107,400	171,600*	36.9	341.0	89,100	178,500*	47.3	357.7	70,600	165,700*					210
215	16.7	291.9	102,800	168,500*	33.9	333.5	85,300	173,300*	44.9	352.6	67,400	160,800*					215
220	7.4	264.7	98,000	145,600*	30.6	325.1	81,700	168,200*	42.4	347.0	64,300	156,000*	51.5	357.7	47,200	144,000*	220
225					26.9	315.3	78,200	163,300*	39.7	340.9	61,400	151,500*	49.2	353.3	44,700	139,700*	225
230					22.6	303.6	74,800	158,600*	36.9	334.2	58,500	147,100*	46.9	348.6	42,300	135,700*	230
235					17.2	288.5	71,400	153,900*	33.8	326.7	55,800	142,900*	44.5	343.4	40,000	131,800*	235
240					8.7	263.5	67,700	149,200*	30.5	318.3	53,100	138,900*	42.0	337.8	37,800	128,000*	240
245									26.8	308.5	50,500	135,000*	39.3	331.6	35,700	124,400*	245
250									22.5	296.7	48,000	131,100*	36.4	324.8	33,600	121,000*	250
255									17.1	281.5	45,400	127,400*	33.4	317.2	31,500	117,600*	255
260									8.4	256.1	42,500	123,600*	30.0	308.5	29,600	114,300*	260
270													21.8	286.4	25,700	108,100*	270
280													5.8	240.0	21,200	101,700*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
135	65.2	418.0	205,600	247,600*													135
140	63.5	415.4	195,500	243,100*													140
145	61.7	412.7	186,100	238,100*													145
150	60.0	409.7	177,400	232,700*													150
155	58.2	406.5	169,200	227,200*													155
160	56.4	403.1	161,600	221,300*													160
165	54.5	399.5	154,500	215,200*	61.9	408.0	129,000	235,900*									165
170	52.6	395.6	147,800	209,100*	60.1	405.1	123,100	227,800*									170
175	50.6	391.5	141,500	202,900*	58.4	401.9	117,600	220,100*									175
180	48.6	387.0	135,500	196,800*	56.5	398.5	112,400	212,800*									180
185	46.5	382.2	129,900	190,700*	54.7	394.9	107,500	205,900*									185
190	44.4	377.0	124,500	184,700*	52.8	391.1	102,800	199,400*									190
195	42.1	371.4	119,400	178,800*	50.8	386.9	98,400	193,100*									195
200	39.7	365.3	114,600	173,200*	48.8	382.5	94,200	187,200*	56.5	391.8	74,000	173,500*					200
205	37.2	358.7	110,000	167,700*	46.7	377.7	90,200	181,600*	54.6	388.2	70,600	168,200*					205
210	34.6	351.4	105,600	162,600*	44.5	372.5	86,300	176,200*	52.7	384.3	67,300	163,100*					210
215	31.7	343.3	101,400	157,800*	42.3	367.0	82,700	171,000*	50.8	380.2	64,200	158,200*					215
220	28.5	334.2	97,300	153,500*	39.9	361.0	79,200	166,100*	48.8	375.7	61,200	153,500*					220
225	25.0	323.6	93,400	149,600*	37.4	354.4	75,800	161,300*	46.7	371.0	58,300	149,000*					225
230	20.9	310.9	89,500	146,400*	34.8	347.1	72,600	156,700*	44.5	365.8	55,500	144,700*	52.4	375.4	38,800	132,900*	230
235	15.7	294.4	85,700	141,500*	31.9	339.1	69,500	152,300*	42.3	360.2	52,900	140,600*	50.5	371.2	36,500	129,100*	235
240	6.9	265.6	81,600	122,400*	28.8	330.1	66,500	148,000*	39.9	354.2	50,300	136,600*	48.5	366.7	34,400	125,400*	240
245					25.3	319.6	63,500	143,800*	37.4	347.6	47,900	132,800*	46.4	361.9	32,300	121,800*	245
250					21.3	307.2	60,600	139,800*	34.7	340.4	45,500	129,100*	44.2	356.6	30,300	118,400*	250
255					16.2	291.1	57,700	135,900*	31.9	332.3	43,200	125,600*	41.9	351.0	28,400	115,100*	255
260					8.1	264.7	54,600	131,900*	28.8	323.2	40,900	122,100*	39.5	344.9	26,500	112,000*	260
270									21.2	300.3	36,500	115,500*	34.3	330.9	23,000	105,900*	270
280									7.9	257.2	31,800	109,000*	28.3	313.4	19,500	100,200*	280
290													20.5	289.8	16,200	94,800*	290
300													5.3	240.6	12,300	89,300*	300

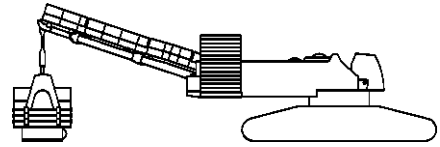


Liftcrane Luffing Jib Capacities

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
 467,800 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

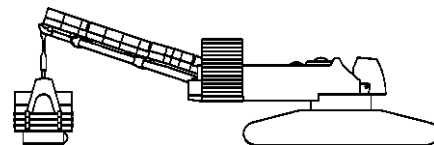
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib 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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
145	64.7	435.3	181,900	216,900*													145
150	63.1	432.7	173,200	213,200*													150
155	61.6	430.0	165,100	209,100*													155
160	60.0	427.0	157,600	204,800*													160
165	58.4	423.9	150,500	200,300*													165
170	56.7	420.5	143,800	195,500*													170
175	55.1	417.0	137,500	190,600*	61.7	425.3	112,900	216,300*									175
180	53.4	413.2	131,600	185,600*	60.1	422.4	107,800	209,000*									180
185	51.6	409.2	126,000	180,500*	58.5	419.3	102,900	202,200*									185
190	49.8	404.9	120,700	175,500*	56.9	415.9	98,300	195,700*									190
195	48.0	400.3	115,700	170,400*	55.2	412.4	93,900	189,500*									195
200	46.1	395.5	110,900	165,400*	53.5	408.6	89,700	183,600*									200
205	44.1	390.2	106,400	160,500*	51.8	404.6	85,800	178,000*									205
210	42.0	384.6	102,100	155,700*	50.0	400.4	82,000	172,700*	56.8	409.2	62,400	159,200*					210
215	39.9	378.6	97,900	151,100*	48.1	395.8	78,400	167,600*	55.2	405.7	59,300	154,400*					215
220	37.7	372.1	94,000	146,600*	46.2	391.0	75,000	162,700*	53.5	401.9	56,300	149,700*					220
225	35.3	365.0	90,200	142,300*	44.2	385.8	71,700	158,000*	51.7	397.9	53,500	145,300*					225
230	32.8	357.2	86,600	138,300*	42.2	380.2	68,600	153,500*	49.9	393.6	50,800	141,000*					230
235	30.0	348.5	83,000	134,600*	40.1	374.2	65,600	149,100*	48.1	389.1	48,300	137,000*					235
240	27.1	338.8	79,600	131,200*	37.8	367.7	62,700	144,900*	46.2	384.2	45,800	133,000*					240
245	23.7	327.6	76,300	128,200*	35.5	360.7	59,800	140,900*	44.2	379.0	43,400	129,300*	51.5	388.9	27,300	117,900*	245
250	19.8	314.2	73,100	125,800*	33.0	353.0	57,100	137,000*	42.2	373.5	41,100	125,700*	49.7	384.6	25,400	114,600*	250
255	14.9	296.8	69,900	118,600*	30.3	344.4	54,500	133,200*	40.0	367.5	38,900	122,200*	47.8	380.0	23,500	111,300*	255
260	6.5	266.5	66,300	102,400*	27.3	334.8	52,000	129,600*	37.8	361.0	36,700	118,800*	45.9	375.1	21,700	108,200*	260
270					20.2	310.6	47,000	122,600*	32.9	346.2	32,600	112,500*	41.9	364.2	18,300	102,300*	270
280					7.6	265.7	41,800	110,900*	27.3	328.0	28,700	106,500*	37.5	351.6	15,100	96,800*	280
290									20.1	303.7	24,900	100,800*	32.5	336.6	12,000	91,600*	290
300									7.4	258.3	20,800	95,100*	26.8	318.0	9,100	86,700*	300
310													19.4	293.1	6,200	82,000*	310
320													5.0	241.2	2,700	76,400*	320

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
160	62.9	450.1	154,500	187,500*													160
165	61.4	447.3	147,400	184,200*													165
170	60.0	444.4	140,800	180,800*													170
175	58.5	441.2	134,500	177,200*													175
180	57.0	437.9	128,600	173,400*	63.0	445.4	104,300	186,500*									180
185	55.5	434.4	123,100	169,500*	61.6	442.6	99,500	186,500*									185
190	54.0	430.7	117,800	165,500*	60.1	439.7	94,900	186,500*									190
195	52.4	426.8	112,800	161,400*	58.6	436.6	90,600	186,500*									195
200	50.8	422.7	108,100	157,200*	57.2	433.3	86,400	180,900*									200
205	49.1	418.3	103,600	153,100*	55.6	429.8	82,500	175,400*									205
210	47.4	413.6	99,300	149,000*	54.1	426.2	78,800	170,100*									210
215	45.7	408.7	95,200	144,900*	52.5	422.3	75,200	165,000*									215
220	43.9	403.5	91,300	140,900*	50.9	418.2	71,800	160,100*	57.1	426.6	52,800	146,900*					220
225	42.0	397.8	87,500	136,900*	49.2	413.8	68,600	155,500*	55.6	423.1	50,000	142,500*					225
230	40.0	391.8	84,000	133,100*	47.6	409.2	65,500	151,000*	54.1	419.5	47,300	138,300*					230
235	38.0	385.4	80,500	129,400*	45.8	404.2	62,500	146,700*	52.5	415.5	44,800	134,200*					235
240	35.9	378.5	77,200	125,700*	44.0	399.0	59,600	142,500*	50.9	411.4	42,400	130,400*					240
245	33.6	370.9	74,000	122,400*	42.1	393.4	56,900	138,500*	49.2	407.1	40,000	126,600*					245
250	31.2	362.7	71,000	119,200*	40.2	387.5	54,300	134,700*	47.5	402.4	37,800	123,100*					250
255	28.6	353.5	68,000	116,300*	38.2	381.1	51,700	131,000*	45.8	397.5	35,600	119,600*	52.2	406.6	19,800	108,500*	255
260	25.8	343.3	65,100	113,600*	36.1	374.2	49,200	127,400*	44.0	392.3	33,500	116,300*	50.6	402.4	18,100	105,400*	260
270	18.9	317.4	59,500	109,200*	31.4	358.5	44,500	120,600*	40.2	380.7	29,500	110,000*	47.3	393.4	14,800	99,600*	270
280	6.1	267.3	53,700	85,500*	26.0	339.3	40,100	114,300*	36.0	367.4	25,800	104,100*	43.7	383.1	11,700	94,100*	280
290					19.2	313.8	35,800	108,300*	31.4	351.7	22,200	98,600*	39.9	371.4	8,700	89,000*	290
300					7.2	266.8	31,200	93,200*	26.0	332.5	18,900	93,400*	35.7	357.9	6,000	84,000*	300
310									19.1	306.9	15,600	88,500*	31.0	342.0	3,300	79,000*	310
320									7.0	259.2	11,900	83,500*	25.5	322.5	800	74,200*	320
330													18.5	296.2		69,500*	330
340													4.7	241.7		64,500*	340

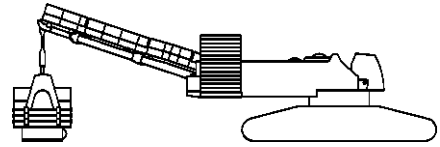


Liftcrane Luffing Jib Capacities

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
 467,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



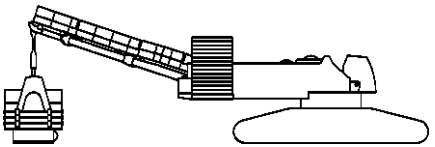
240 Ft. Boom, 250 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
170	62.6	467.4	136,600	164,900*													170
175	61.3	464.6	130,400	162,300*													175
180	60.0	461.7	124,500	159,500*													180
185	58.6	458.6	119,000	156,500*													185
190	57.3	455.3	113,700	153,600*	62.7	462.7	90,200	162,400*									190
195	55.9	451.9	108,800	150,400*	61.4	460.0	85,900	162,400*									195
200	54.5	448.2	104,100	147,100*	60.1	457.0	81,800	162,400*									200
205	53.0	444.4	99,600	143,800*	58.8	453.9	77,900	162,400*									205
210	51.6	440.4	95,300	140,400*	57.4	450.7	74,200	162,400*									210
215	50.1	436.2	91,300	137,000*	56.0	447.3	70,700	161,400*									215
220	48.5	431.7	87,400	133,600*	54.6	443.7	67,400	156,600*									220
225	46.9	427.0	83,700	130,200*	53.1	439.9	64,200	152,000*									225
230	45.3	422.0	80,200	126,800*	51.7	435.9	61,100	147,600*	57.4	444.0	42,400	134,500*					230
235	43.7	416.7	76,800	123,500*	50.2	431.6	58,200	143,200*	56.0	440.5	39,900	130,500*					235
240	41.9	411.1	73,500	120,200*	48.6	427.2	55,400	139,100*	54.6	436.9	37,500	126,600*					240
245	40.1	405.1	70,400	117,100*	47.1	422.5	52,700	135,200*	53.1	433.1	35,200	122,900*					245
250	38.3	398.7	67,400	114,000*	45.5	417.5	50,100	131,400*	51.7	429.1	33,000	119,400*					250
255	36.4	391.9	64,500	111,000*	43.8	412.2	47,600	127,700*	50.2	424.9	30,900	116,000*					255
260	34.3	384.5	61,700	108,200*	42.1	406.7	45,100	124,200*	48.6	420.5	28,900	112,700*					260
270	29.9	367.9	56,400	102,900*	38.4	394.4	40,600	117,500*	45.4	410.8	25,000	106,500*	51.4	420.1	9,800	95,700*	270
280	24.7	347.5	51,400	98,600*	34.5	380.3	36,300	111,300*	42.0	399.9	21,400	100,700*	48.4	411.4	6,800	89,900*	280
290	18.0	320.4	46,500	90,900*	30.1	363.8	32,300	105,400*	38.4	387.6	18,000	95,300*	45.2	401.6	3,900	84,300*	290
300	5.8	268.1	41,400	70,200*	24.9	343.6	28,400	99,900*	34.5	373.5	14,800	90,200*	41.8	390.7	1,300	79,100*	300
310					18.4	316.9	24,700	94,700*	30.0	356.9	11,700	85,400*	38.1	378.3		74,200*	310
320					6.9	267.8	20,600	77,200*	24.8	336.7	8,800	80,900*	34.1	364.0		69,600*	320
330									18.3	310.0	5,900	76,200*	29.7	347.2		65,200*	330
340									6.6	260.2	2,600	71,100*	24.4	326.7		61,000*	340
350													17.7	299.1		56,800*	350
360													4.4	242.2		52,400*	360

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
185	61.2	481.9	115,800	143,300*													185
190	60.0	479.0	110,600	141,100*													190
195	58.7	475.9	105,600	138,700*													195
200	57.5	472.7	100,900	136,200*	62.5	480.0	78,300	141,300*									200
205	56.2	469.3	96,500	133,700*	61.3	477.3	74,400	141,300*									205
210	54.9	465.7	92,200	131,000*	60.1	474.4	70,800	141,300*									210
215	53.6	462.0	88,200	128,300*	58.8	471.3	67,300	141,300*									215
220	52.2	458.0	84,400	125,600*	57.6	468.0	64,000	141,300*									220
225	50.8	453.9	80,700	122,800*	56.3	464.7	60,800	141,300*									225
230	49.4	449.6	77,200	119,900*	55.0	461.1	57,700	140,000*									230
235	48.0	445.0	73,800	117,100*	53.7	457.4	54,800	136,100*									235
240	46.5	440.3	70,600	114,300*	52.3	453.5	52,000	132,200*	57.6	461.3	33,900	123,800*					240
245	45.0	435.2	67,500	111,300*	51.0	449.4	49,300	128,300*	56.3	458.0	31,600	120,100*					245
250	43.5	429.9	64,500	107,500*	49.6	445.1	46,800	124,300*	55.0	454.4	29,400	116,600*					250
255	41.9	424.3	61,600	103,800*	48.1	440.5	44,300	120,500*	53.7	450.7	27,300	113,200*					255
260	40.2	418.3	58,900	100,100*	46.7	435.8	41,900	116,600*	52.3	446.8	25,300	109,900*					260
270	36.8	405.3	53,600	93,100*	43.6	425.5	37,400	109,000*	49.5	438.4	21,500	103,800*					270
280	32.9	390.4	48,800	86,400*	40.4	414.0	33,200	101,700*	46.6	429.0	17,900	98,000*	52.1	437.8	3,000	86,000*	280
290	28.7	372.9	44,200	80,000*	36.9	401.0	29,300	94,600*	43.6	418.7	14,600	92,700*	49.3	429.3	300	80,600*	290
300	23.7	351.6	39,800	74,000*	33.1	386.1	25,600	87,800*	40.4	407.2	11,500	87,700*	46.4	420.0		75,400*	300
310	17.3	323.3	35,600	68,500*	28.9	368.8	22,000	81,400*	36.9	394.2	8,500	82,900*	43.4	409.5		70,600*	310
320	5.5	268.9	31,000	57,300*	23.9	347.7	18,700	75,300*	33.1	379.4	5,700	78,000*	40.1	397.9		66,000*	320
330					17.6	319.9	15,400	69,700*	28.8	362.0	3,000	73,200*	36.6	384.8		61,700*	330
340					6.6	268.7	11,800	63,700*	23.9	340.9	400	68,700*	32.8	369.8		57,600*	340
350									17.6	312.9		64,300*	28.5	352.2		53,700*	350
360									6.3	261.1		59,700*	23.4	330.7		50,000*	360
370													17.0	302.0		46,300*	370
380													4.2	242.8		42,300*	380

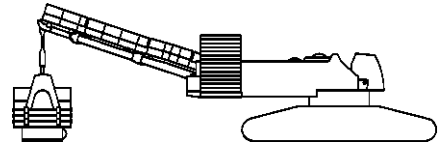


Liftcrane Luffing Jib Capacities

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
 467,800 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

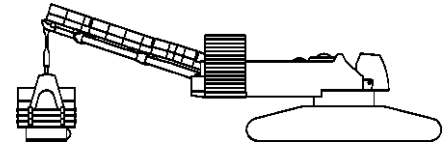
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing 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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
190	62.3	502.0	106,400	127,700*												190	
195	61.1	499.2	101,500	126,000*												195	
200	60.0	496.3	96,800	124,200*												200	
205	58.8	493.2	92,400	122,300*												205	
210	57.7	490.0	88,200	120,300*	62.4	497.4	66,100	122,200*								210	
215	56.5	486.7	84,100	118,300*	61.2	494.6	62,700	122,200*								215	
220	55.3	483.2	80,300	115,100*	60.1	491.7	59,400	122,200*								220	
225	54.0	479.5	76,700	111,100*	58.9	488.6	56,200	122,200*								225	
230	52.8	475.6	73,200	107,400*	57.8	485.4	53,200	122,200*								230	
235	51.5	471.6	69,800	103,700*	56.6	482.1	50,300	119,200*								235	
240	50.2	467.4	66,600	100,000*	55.4	478.6	47,600	115,600*								240	
245	48.9	463.0	63,500	96,300*	54.1	474.9	44,900	111,900*								245	
250	47.6	458.4	60,600	92,700*	52.9	471.1	42,400	108,200*	57.7	478.7	24,600	112,800*				250	
255	46.2	453.6	57,800	89,100*	51.6	467.1	39,900	104,500*	56.5	475.4	22,500	109,500*				255	
260	44.8	448.5	55,000	85,600*	50.3	462.9	37,600	101,000*	55.3	471.9	20,500	106,200*				260	
270	41.9	437.5	49,900	78,600*	47.7	453.9	33,100	93,800*	52.9	464.4	16,800	100,100*				270	
280	38.7	425.3	45,100	72,100*	44.9	444.0	29,000	86,600*	50.3	456.2	13,300	94,400*				280	
290	35.4	411.6	40,600	65,900*	42.0	433.1	25,200	79,800*	47.7	447.2	10,000	89,100*	52.7	455.4	75,400*	290	
300	31.7	396.0	36,300	60,000*	38.9	421.0	21,500	73,300*	44.9	437.3	7,000	83,600*	50.1	447.1	70,400*	300	
310	27.6	377.7	32,300	54,400*	35.5	407.3	18,100	67,000*	42.0	426.4	4,100	78,400*	47.5	438.1	65,600*	310	
320	22.8	355.5	28,500	49,100*	31.9	391.8	14,900	61,000*	38.8	414.2	1,400	73,500*	44.7	428.1	61,100*	320	
330	16.7	326.1	24,800	44,200*	27.8	373.7	11,800	55,300*	35.5	400.5		67,400*	41.7	417.1	56,900*	330	
340	5.3	269.6	20,700	40,000*	23.0	351.7	8,800	50,000*	31.8	385.0		61,500*	38.6	404.9	52,900*	340	
350					17.0	322.7	5,900	45,100*	27.8	366.8		55,800*	35.2	391.1	49,100*	350	
360					6.3	269.6	2,700	40,800*	23.0	344.8		50,500*	31.6	375.4	45,500*	360	
370									16.9	315.7		45,600*	27.4	357.0	42,000*	370	
380									6.1	262.0		41,300*	22.6	334.6	38,700*	380	
390													16.4	304.7	35,400*	390	
400													4.0	243.2	31,700*	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
467,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

**18000 With
21000 MAX-ER**

Meets
ANSI B30.5
Requirements



240 Ft. Boom, 310 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
200	62.1	519.4	93,500	112,000*													200
205	61.1	516.6	89,100	110,800*													205
210	60.0	513.6	84,900	108,200*													210
215	58.9	510.6	80,900	104,600*													215
220	57.8	507.4	77,100	101,100*	62.2	514.7	55,800	105,400*									220
225	56.7	504.1	73,400	97,500*	61.2	511.9	52,700	105,400*									225
230	55.6	500.6	69,900	93,900*	60.1	509.0	49,700	105,400*									230
235	54.4	497.0	66,600	90,400*	59.0	505.9	46,800	104,400*									235
240	53.3	493.2	63,400	86,900*	57.9	502.8	44,100	101,100*									240
245	52.1	489.3	60,400	83,400*	56.8	499.5	41,400	97,700*									245
250	50.9	485.2	57,400	79,900*	55.7	496.0	38,900	94,300*									250
255	49.7	480.9	54,600	76,400*	54.5	492.4	36,500	90,800*									255
260	48.5	476.4	51,900	73,100*	53.4	488.6	34,200	87,500*	57.9	496.0	16,800	97,200*					260
270	45.9	466.9	46,800	66,500*	51.0	480.6	29,800	80,600*	55.7	489.3	13,100	92,800*					270
280	43.2	456.4	42,000	60,200*	48.6	471.9	25,700	73,900*	53.4	481.9	9,700	86,500*					280
290	40.4	444.8	37,600	54,100*	46.0	462.4	21,800	67,300*	51.0	473.9	6,400	80,200*					290
300	37.4	432.0	33,400	48,200*	43.3	451.9	18,300	61,000*	48.5	465.2	3,400	73,700*					300
310	34.2	417.7	29,500	42,700*	40.5	440.4	14,900	54,900*	46.0	455.6	600	67,300*	50.8	464.9	61,800*		310
320	30.6	401.4	25,800	37,500*	37.5	427.7	11,700	49,000*	43.3	445.2		61,100*	48.3	456.1	57,400*		320
330	26.7	382.4	22,200	32,600*	34.3	413.4	8,700	43,500*	40.5	433.7		55,200*	45.8	446.5	53,200*		330
340	22.0	359.3	18,900	28,000*	30.8	397.2	5,900	38,300*	37.5	420.9		49,300*	43.1	436.0	49,200*		340
350	16.1	328.8	15,500	23,700*	26.8	378.4	3,200	33,300*	34.3	406.6		43,800*	40.3	424.4	45,500*		350
360	5.1	270.4	11,900	20,000*	22.2	355.5	500	28,600*	30.8	390.4		38,600*	37.3	411.6	42,000*		360
370					16.4	325.5		24,300*	26.8	371.5		33,600*	34.0	397.1	38,600*		370
380					6.0	270.5		20,500*	22.2	348.6		29,000*	30.5	380.7	35,300*		380
390									16.3	318.5		24,600*	26.5	361.6	32,200*		390
400									5.8	262.9		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

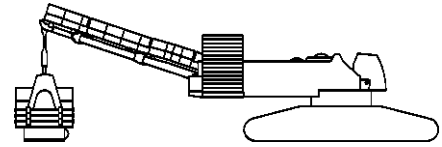


Liftcrane Luffing Jib Capacities

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
 467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95	66.2	347.7	337,500	425,600*(b)													95
100	62.6	345.0	316,500	420,900*(b)													100
105	58.8	341.8	297,500	408,700*(b)													105
110	54.9	338.1	280,300	395,500*													110
115	50.7	333.9	264,700	381,800*													115
120	46.2	329.0	250,400	368,000*													120
125	41.4	323.1	237,200	354,500*	60.4	337.9	204,200	332,900*(b)									125
130	35.9	316.2	224,900	339,500*	56.6	334.5	193,700	318,800*(b)									130
135	29.5	307.4	213,400	325,300*	52.5	330.5	184,000	305,800*									135
140	21.0	295.1	202,400	312,000*	48.2	325.9	175,000	293,600*									140
145					43.5	320.5	166,500	282,200*									145
150					38.3	314.0	158,500	271,500*	57.8	328.4	132,400	254,000*					150
155					32.3	306.1	150,900	261,400*	53.8	324.6	126,100	244,600*					155
160					25.0	295.7	143,600	251,800*	49.6	320.2	120,100	235,900*					160
165					13.6	278.5	136,100	242,300*	45.0	315.1	114,500	227,600*					165
170									40.0	309.0	109,100	219,700*					170
175									34.3	301.6	104,000	212,200*					175
180									27.5	292.2	99,000	205,000*	50.3	312.0	78,800	191,200*	180
185									18.1	278.2	93,800	197,900*	45.8	307.0	74,900	185,000*	185
190													40.9	301.1	71,300	179,000*	190
195													35.4	294.0	67,700	173,200*	195
200													28.8	285.0	64,100	167,500*	200
205													20.1	272.2	60,500	162,000*	205

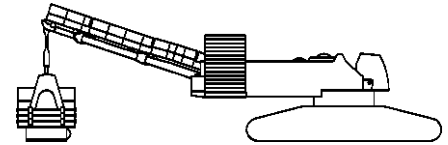
Capacities indicated by (b) require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
467,800 Lb. Hanging Counterweight
at 59 Ft. Position
360 Degree Rating

**18000 With
21000 MAX-ER**

Meets
ANSI B30.5
Requirements



260 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100	68.0	367.4	314,600	375,200*													100
105	65.1	365.0	295,800	372,600*													105
110	62.1	362.2	278,800	363,300*													110
115	59.0	359.1	263,300	353,000*													115
120	55.9	355.6	249,200	342,000*													120
125	52.5	351.7	236,300	330,600*													125
130	49.1	347.2	224,300	319,300*													130
135	45.4	342.2	213,300	307,900*	60.3	355.2	181,700	303,600*									135
140	41.4	336.4	203,000	297,000*	57.2	351.9	172,900	291,600*									140
145	37.0	329.7	193,400	286,600*	54.0	348.1	164,600	280,400*									145
150	32.1	321.7	184,400	277,200*	50.6	343.9	156,900	269,900*									150
155	26.3	311.7	175,800	269,300*	46.9	339.1	149,700	260,000*									155
160	18.7	298.0	167,500	264,000*	43.1	333.7	142,900	250,800*									160
165					38.9	327.4	136,500	242,000*	55.0	342.2	112,000	225,400*					165
170					34.3	320.0	130,400	233,700*	51.6	338.1	106,900	217,700*					170
175					28.9	311.0	124,500	225,700*	48.1	333.5	102,100	210,400*					175
180					22.3	299.3	118,800	218,100*	44.3	328.3	97,500	203,500*					180
185					12.0	280.1	112,900	210,600*	40.3	322.3	93,100	196,900*					185
190									35.8	315.3	88,900	190,700*	52.2	329.8	68,600	176,800*	190
195									30.7	306.9	84,800	184,600*	48.7	325.3	65,300	171,200*	195
200									24.6	296.2	80,700	178,800*	45.0	320.2	62,100	165,800*	200
205									16.1	280.6	76,600	173,000*	41.0	314.4	59,100	160,700*	205
210													36.6	307.5	56,100	155,700*	210
215													31.6	299.4	53,200	151,000*	215
220													25.7	289.3	50,400	146,400*	220
225													17.9	275.0	47,400	141,800*	225

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

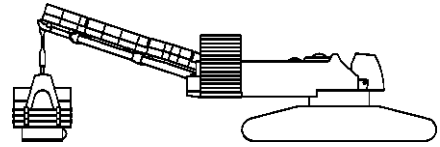


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 467,800 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

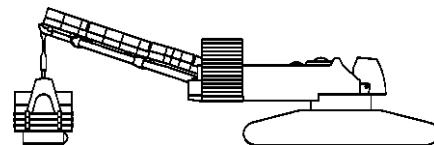
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib 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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
110	66.8	384.8	274,800	329,500*													110
115	64.3	382.3	259,500	322,600*													115
120	61.8	379.5	245,500	314,700*													120
125	59.2	376.5	232,600	306,100*													125
130	56.5	373.1	220,800	297,100*													130
135	53.8	369.3	210,000	287,900*													135
140	50.9	365.1	199,900	278,400*	62.8	375.5	168,200	287,700*									140
145	47.9	360.5	190,500	269,000*	60.3	372.5	160,100	276,600*									145
150	44.7	355.4	181,700	259,700*	57.7	369.3	152,600	266,200*									150
155	41.4	349.6	173,500	250,800*	54.9	365.7	145,500	256,500*									155
160	37.8	343.1	165,800	242,300*	52.1	361.7	138,900	247,300*									160
165	33.8	335.6	158,500	234,400*	49.2	357.3	132,700	238,700*									165
170	29.3	326.7	151,600	227,400*	46.1	352.4	126,800	230,500*									170
175	24.0	315.7	144,900	221,600*	42.8	346.9	121,200	222,800*	55.8	359.7	97,200	206,500*					175
180	17.0	300.7	138,400	217,900*	39.3	340.7	116,000	215,500*	53.0	355.8	92,800	199,700*					180
185					35.5	333.6	110,900	208,500*	50.1	351.5	88,600	193,300*					185
190					31.3	325.4	106,100	201,900*	47.1	346.8	84,600	187,200*					190
195					26.4	315.5	101,500	195,500*	43.9	341.5	80,800	181,400*					195
200					20.3	302.6	96,900	189,400*	40.5	335.5	77,100	175,800*					200
205					10.8	281.6	92,000	183,200*	36.8	328.8	73,600	170,400*	50.6	343.3	54,200	156,800*	205
210									32.7	321.0	70,200	165,300*	47.6	338.6	51,400	152,000*	210
215									28.0	311.6	66,900	160,200*	44.5	333.4	48,800	147,500*	215
220									22.4	299.9	63,600	155,300*	41.1	327.6	46,200	143,100*	220
225									14.6	282.9	60,200	150,500*	37.4	321.0	43,700	138,800*	225
230													33.4	313.4	41,300	134,800*	230
235													28.9	304.4	38,900	130,800*	235
240													23.5	293.1	36,600	127,000*	240
245													16.2	277.5	34,100	123,100*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
120	65.9	402.2	242,900	287,000*													120
125	63.7	399.6	230,100	281,200*													125
130	61.5	396.9	218,400	274,700*													130
135	59.3	393.8	207,600	267,700*													135
140	57.0	390.5	197,500	260,300*													140
145	54.6	386.8	188,200	252,900*													145
150	52.2	382.9	179,600	245,100*	62.5	392.8	149,500	263,600*									150
155	49.7	378.5	171,500	237,400*	60.3	389.9	142,500	253,900*									155
160	47.0	373.8	163,900	229,700*	58.0	386.6	136,000	244,800*									160
165	44.3	368.6	156,800	222,100*	55.7	383.1	129,800	236,300*									165
170	41.4	362.8	150,100	214,800*	53.2	379.3	124,100	228,200*									170
175	38.3	356.4	143,700	207,800*	50.8	375.1	118,600	220,600*									175
180	34.9	349.2	137,700	201,300*	48.2	370.6	113,500	213,300*									180
185	31.3	341.0	131,900	195,200*	45.5	365.6	108,600	206,500*	56.4	377.1	85,300	190,700*					185
190	27.1	331.3	126,400	189,900*	42.6	360.1	104,000	200,000*	54.0	373.4	81,400	184,600*					190
195	22.2	319.4	121,100	185,500*	39.6	354.0	99,600	193,800*	51.6	369.3	77,700	178,900*					195
200	15.7	303.1	115,800	183,100*	36.4	347.1	95,300	187,800*	49.0	364.9	74,200	173,400*					200
205					32.9	339.4	91,300	182,200*	46.3	360.0	70,800	168,200*					205
210					28.9	330.4	87,400	176,700*	43.5	354.7	67,600	163,100*					210
215					24.4	319.5	83,600	171,500*	40.6	348.8	64,500	158,200*	52.0	361.0	45,400	144,800*	215
220					18.7	305.6	79,800	166,400*	37.4	342.2	61,500	153,600*	49.5	356.7	43,000	140,500*	220
225					9.9	283.0	75,800	161,200*	34.0	334.7	58,600	149,100*	46.8	351.9	40,600	136,400*	225
230									30.2	326.2	55,800	144,700*	44.0	346.6	38,400	132,400*	230
235									25.9	316.0	53,100	140,500*	41.1	340.8	36,200	128,600*	235
240									20.7	303.3	50,300	136,500*	38.0	334.4	34,100	125,000*	240
245									13.4	284.9	47,400	132,400*	34.6	327.1	32,000	121,400*	245
250													30.9	318.7	30,000	118,000*	250
255													26.7	308.9	28,000	114,700*	255
260													21.7	296.7	26,000	111,400*	260

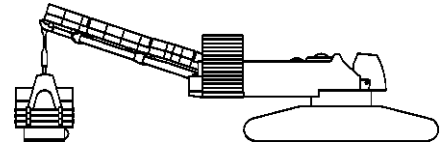


Liftcrane Luffing Jib Capacities

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
 467,800 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

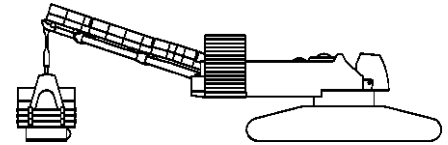
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib 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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
135	63.3	417.0	203,400	245,800*													135
140	61.4	414.2	193,500	240,400*													140
145	59.4	411.1	184,200	234,700*													145
150	57.4	407.9	175,600	228,800*													150
155	55.3	404.3	167,600	222,500*													155
160	53.2	400.5	160,100	216,200*	62.2	410.1	131,200	240,900*									160
165	51.0	396.4	153,100	209,800*	60.2	407.2	125,100	232,400*									165
170	48.7	391.9	146,400	203,400*	58.2	404.0	119,400	224,400*									170
175	46.4	387.1	140,200	197,100*	56.2	400.6	114,100	216,800*									175
180	44.0	381.8	134,300	190,900*	54.1	396.9	109,000	209,700*									180
185	41.4	376.1	128,700	184,900*	51.9	392.9	104,200	202,900*									185
190	38.7	369.8	123,400	179,100*	49.7	388.6	99,700	196,500*									190
195	35.8	362.8	118,300	173,700*	47.4	383.9	95,400	190,300*	56.8	394.5	72,700	174,800*					195
200	32.7	355.0	113,500	168,600*	45.0	378.8	91,300	184,500*	54.8	390.9	69,200	169,400*					200
205	29.2	346.0	108,900	164,000*	42.5	373.3	87,400	178,900*	52.6	387.0	66,000	164,300*					205
210	25.3	335.6	104,400	159,900*	39.8	367.2	83,600	173,600*	50.4	382.8	62,800	159,400*					210
215	20.7	322.9	100,100	156,700*	37.0	360.6	80,000	168,500*	48.1	378.2	59,800	154,600*					215
220	14.6	305.5	95,700	155,000*	34.0	353.1	76,600	163,700*	45.8	373.3	57,000	150,000*					220
225					30.7	344.7	73,300	159,000*	43.3	367.9	54,200	145,600*	53.0	378.7	35,400	132,400*	225
230					27.0	335.0	70,000	154,400*	40.7	362.0	51,600	141,400*	50.8	374.5	33,200	128,500*	230
235					22.8	323.4	66,900	149,900*	37.9	355.6	49,000	137,300*	48.5	370.0	31,200	124,700*	235
240					17.5	308.4	63,700	145,600*	35.0	348.4	46,500	133,400*	46.2	365.1	29,200	121,200*	240
245					9.1	284.2	60,300	141,100*	31.8	340.3	44,100	129,700*	43.7	359.9	27,200	117,700*	245
250									28.2	331.0	41,800	126,000*	41.2	354.1	25,400	114,400*	250
255									24.2	320.1	39,500	122,500*	38.4	347.7	23,600	111,200*	255
260									19.3	306.5	37,200	119,000*	35.5	340.6	21,800	108,100*	260
270													28.9	323.7	18,400	102,200*	270
280													20.2	300.1	14,900	96,500*	280

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
145	62.9	434.3	181,300	216,300*													145
150	61.2	431.5	172,800	211,800*													150
155	59.4	428.5	164,800	207,200*													155
160	57.7	425.2	157,300	202,200*													160
165	55.8	421.8	150,300	197,100*													165
170	53.9	418.0	143,700	191,900*	61.9	427.4	116,100	221,600*									170
175	52.0	414.1	137,500	186,600*	60.2	424.5	110,800	214,100*									175
180	50.0	409.8	131,700	181,300*	58.4	421.4	105,800	207,000*									180
185	48.0	405.2	126,200	176,000*	56.6	418.0	101,000	200,200*									185
190	45.9	400.3	120,900	170,800*	54.7	414.4	96,500	193,900*									190
195	43.7	395.0	116,000	165,700*	52.8	410.5	92,300	187,800*									195
200	41.4	389.3	111,200	160,700*	50.9	406.4	88,300	182,000*									200
205	39.0	383.1	106,700	156,000*	48.9	402.0	84,400	176,500*	57.2	411.9	62,400	161,500*					205
210	36.4	376.2	102,400	151,400*	46.8	397.2	80,700	171,200*	55.3	408.4	59,400	156,600*					210
215	33.7	368.7	98,300	147,200*	44.6	392.0	77,200	166,200*	53.4	404.6	56,400	151,900*					215
220	30.8	360.3	94,300	143,200*	42.4	386.5	73,900	161,400*	51.5	400.5	53,600	147,300*					220
225	27.5	350.8	90,500	139,600*	40.0	380.5	70,700	156,800*	49.5	396.2	50,900	143,000*					225
230	23.8	339.7	86,800	136,400*	37.5	373.9	67,600	152,300*	47.4	391.5	48,400	138,800*					230
235	19.5	326.1	83,100	134,100*	34.9	366.7	64,600	148,000*	45.3	386.5	45,900	134,800*					235
240	13.7	307.6	79,500	133,000*	32.0	358.7	61,700	143,800*	43.1	381.1	43,500	131,000*	51.8	392.2	25,600	118,400*	240
245					28.9	349.7	58,900	139,800*	40.8	375.3	41,200	127,300*	49.9	388.0	23,700	115,000*	245
250					25.5	339.4	56,200	135,900*	38.3	368.9	39,000	123,800*	47.8	383.4	21,900	111,700*	250
255					21.4	327.0	53,500	132,100*	35.7	361.9	36,800	120,300*	45.7	378.4	20,200	108,600*	255
260					16.4	311.1	50,800	128,400*	33.0	354.2	34,700	117,000*	43.5	373.1	18,500	105,500*	260
270									26.6	335.6	30,700	110,700*	38.8	361.0	15,300	99,800*	270
280									18.2	309.5	26,700	104,700*	33.5	346.5	12,200	94,400*	280
290													27.2	328.4	9,300	89,300*	290
300													19.0	303.3	6,300	84,200*	300

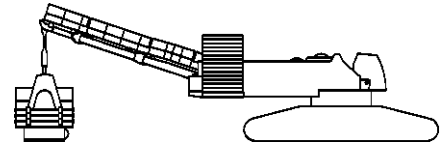


Liftcrane Luffing Jib Capacities

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
 467,800 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

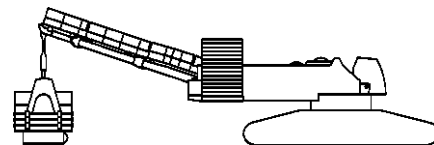
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib 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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
155	62.7	451.6	160,500	189,800*													155
160	61.1	448.8	153,100	186,200*													160
165	59.5	445.8	146,200	182,500*													165
170	57.9	442.6	139,600	178,500*													170
175	56.2	439.2	133,500	174,400*													175
180	54.5	435.6	127,700	170,200*	61.8	444.7	100,900	194,400*									180
185	52.8	431.7	122,200	165,900*	60.2	441.8	96,300	194,400*									185
190	51.1	427.6	117,000	161,500*	58.6	438.7	91,800	190,100*									190
195	49.2	423.2	112,100	157,200*	56.9	435.4	87,700	184,000*									195
200	47.4	418.6	107,400	152,800*	55.3	431.9	83,700	178,300*									200
205	45.5	413.6	103,000	148,600*	53.6	428.1	79,900	172,800*									205
210	43.5	408.2	98,800	144,400*	51.8	424.1	76,300	167,600*									210
215	41.4	402.5	94,700	140,300*	50.0	419.9	72,800	162,700*	57.5	429.3	51,300	147,900*					215
220	39.2	396.4	90,800	136,300*	48.2	415.3	69,500	157,900*	55.8	425.8	48,600	143,400*					220
225	36.9	389.7	87,100	132,600*	46.3	410.5	66,400	153,300*	54.1	422.1	46,000	139,100*					225
230	34.5	382.4	83,600	129,000*	44.3	405.3	63,400	149,000*	52.4	418.2	43,500	135,000*					230
235	32.0	374.3	80,100	125,600*	42.3	399.7	60,500	144,700*	50.6	414.0	41,100	131,100*					235
240	29.2	365.4	76,800	122,500*	40.2	393.7	57,700	140,600*	48.8	409.6	38,700	127,300*					240
245	26.1	355.3	73,600	119,700*	37.9	387.3	55,000	136,700*	46.9	404.9	36,500	123,700*					245
250	22.6	343.5	70,500	117,300*	35.6	380.3	52,400	132,900*	44.9	399.8	34,400	120,200*	52.7	409.9	16,700	107,700*	250
255	18.5	329.2	67,400	115,500*	33.1	372.6	49,900	129,200*	42.9	394.4	32,300	116,800*	50.9	405.7	15,000	104,600*	255
260	13.0	309.7	64,300	114,800*	30.4	364.0	47,500	125,700*	40.8	388.5	30,300	113,600*	49.1	401.4	13,400	101,600*	260
270					24.1	343.5	42,800	119,000*	36.3	375.4	26,500	107,400*	45.3	391.7	10,400	96,000*	270
280					15.5	313.6	38,200	112,500*	31.2	359.6	22,900	101,700*	41.2	380.5	7,500	90,400*	280
290									25.2	340.0	19,400	96,200*	36.7	367.6	4,700	84,900*	290
300									17.2	312.3	16,000	91,000*	31.7	352.1	2,100	79,800*	300
310													25.8	332.9		74,900*	310
320													18.0	306.3		70,100*	320

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
170	61.0	466.1	136,500	164,700*													170
175	59.5	463.1	130,400	161,700*													175
180	58.1	459.9	124,600	158,400*													180
185	56.6	456.6	119,200	155,000*													185
190	55.0	453.0	114,000	151,500*	61.6	462.0	88,400	171,000*									190
195	53.5	449.3	109,100	148,000*	60.2	459.1	84,200	171,000*									195
200	51.9	445.3	104,500	144,400*	58.7	456.0	80,200	171,000*									200
205	50.3	441.1	100,100	140,800*	57.2	452.8	76,500	170,100*									205
210	48.6	436.6	95,900	137,200*	55.7	449.3	72,900	164,900*									210
215	46.9	431.9	91,900	133,600*	54.1	445.6	69,500	160,000*									215
220	45.1	426.8	88,100	130,000*	52.6	441.7	66,300	155,300*									220
225	43.3	421.5	84,400	126,600*	51.0	437.6	63,100	150,700*	57.7	446.6	42,300	136,300*					225
230	41.4	415.7	80,900	123,200*	49.3	433.3	60,200	146,400*	56.2	443.2	39,800	132,200*					230
235	39.4	409.6	77,500	119,900*	47.6	428.6	57,300	142,200*	54.6	439.6	37,500	128,300*					235
240	37.4	403.0	74,300	116,700*	45.9	423.7	54,600	138,100*	53.1	435.8	35,200	124,500*					240
245	35.2	395.9	71,200	113,700*	44.1	418.5	51,900	134,200*	51.5	431.8	33,000	120,900*					245
250	32.9	388.2	68,200	110,800*	42.2	413.0	49,400	130,500*	49.8	427.5	30,900	117,500*					250
255	30.4	379.7	65,300	108,200*	40.3	407.0	47,000	126,900*	48.2	423.0	28,900	114,100*					255
260	27.8	370.2	62,500	105,700*	38.2	400.6	44,600	123,400*	46.4	418.1	26,900	110,900*					260
270	21.5	347.2	57,100	101,600*	33.9	386.3	40,100	116,800*	42.8	407.6	23,200	104,900*	50.1	419.2	6,700	92,300*	270
280	12.3	311.7	51,700	96,500*	28.9	369.1	35,900	110,600*	38.9	395.5	19,800	99,200*	46.7	410.0	3,900	86,600*	280
290					23.0	347.4	31,900	104,800*	34.6	381.5	16,500	93,900*	43.1	399.5	1,300	81,300*	290
300					14.8	316.1	27,800	99,200*	29.8	364.9	13,400	88,900*	39.2	387.6		76,300*	300
310									24.0	344.1	10,400	84,200*	35.0	373.8		71,500*	310
320									16.4	315.0	7,300	79,400*	30.2	357.4		67,000*	320
330													24.6	337.1		62,700*	330
340													17.2	309.1		58,500*	340

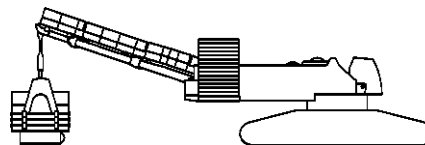


Liftcrane Luffing Jib Capacities

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
 467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
180	60.9	483.4	120,400	145,400*												180	
185	59.6	480.4	115,000	142,800*												185	
190	58.2	477.3	109,900	140,200*												190	
195	56.9	474.0	105,000	137,400*	62.8	482.1	79,400	148,700*								195	
200	55.5	470.5	100,400	134,600*	61.5	479.4	75,500	148,700*								200	
205	54.0	466.8	96,000	131,600*	60.1	476.5	71,800	148,700*								205	
210	52.6	462.9	91,800	128,700*	58.8	473.4	68,200	148,700*								210	
215	51.1	458.8	87,900	125,700*	57.4	470.1	64,900	148,700*								215	
220	49.6	454.5	84,100	122,700*	56.1	466.7	61,700	148,700*								220	
225	48.0	450.0	80,500	119,700*	54.6	463.1	58,600	147,100*								225	
230	46.5	445.2	77,000	116,700*	53.2	459.3	55,700	142,800*								230	
235	44.8	440.1	73,700	113,800*	51.7	455.3	52,800	138,700*	57.9	464.0	32,400	124,400*				235	
240	43.1	434.7	70,500	110,900*	50.2	451.1	50,100	134,700*	56.5	460.6	30,200	120,700*				240	
245	41.4	429.0	67,500	108,100*	48.7	446.7	47,600	130,800*	55.1	457.1	28,100	117,100*				245	
250	39.6	422.9	64,500	105,300*	47.1	442.0	45,100	127,100*	53.7	453.4	26,000	113,700*				250	
255	37.7	416.4	61,700	102,700*	45.5	437.0	42,700	123,500*	52.2	449.4	24,000	110,400*				255	
260	35.7	409.4	59,000	100,100*	43.9	431.7	40,400	120,100*	50.7	445.3	22,100	107,200*				260	
270	31.5	393.7	53,800	95,400*	40.4	420.2	36,000	113,500*	47.6	436.3	18,500	101,200*				270	
280	26.6	374.9	48,900	91,400*	36.6	407.2	31,900	107,500*	44.4	426.3	15,200	95,600*	51.0	437.0	81,400*	280	
290	20.6	350.7	44,200	88,300*	32.4	392.0	28,100	101,800*	40.9	415.0	12,000	90,400*	47.9	428.1	76,200*	290	
300	11.8	313.5	39,500	80,100*	27.7	373.9	24,400	96,400*	37.2	402.2	9,000	85,300*	44.7	418.1	71,200*	300	
310					22.0	351.2	20,900	91,400*	33.1	387.4	6,200	80,200*	41.2	407.0	66,600*	310	
320					14.1	318.4	17,400	86,400*	28.5	369.8	3,500	75,300*	37.5	394.3	62,300*	320	
330									23.0	348.0	900	70,600*	33.5	379.7	58,100*	330	
340									15.6	317.6		66,100*	28.9	362.5	54,100*	340	
350													23.5	341.1	50,300*	350	
360													16.4	311.8	46,600*	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

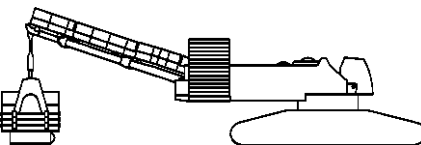
320,000 Lb. Carbody Counterweight

467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
190	60.8	500.7	106,600	128,600*													190
195	59.6	497.8	101,800	126,500*													195
200	58.4	494.6	97,200	124,300*													200
205	57.1	491.4	92,800	122,000*	62.6	499.5	68,200	130,100*									205
210	55.8	487.9	88,700	119,700*	61.4	496.7	64,700	130,100*									210
215	54.5	484.3	84,700	117,400*	60.1	493.8	61,300	130,100*									215
220	53.2	480.5	81,000	114,900*	58.9	490.7	58,100	130,100*									220
225	51.8	476.5	77,400	112,400*	57.6	487.5	55,100	130,100*									225
230	50.4	472.3	73,900	109,900*	56.4	484.1	52,200	130,100*									230
235	49.0	467.9	70,600	107,500*	55.1	480.6	49,400	130,100*									235
240	47.6	463.3	67,500	105,000*	53.7	476.9	46,700	130,100*									240
245	46.1	458.5	64,400	102,500*	52.4	473.0	44,200	128,100*									245
250	44.6	453.3	61,500	100,000*	51.0	468.9	41,700	124,400*	56.8	478.0	22,300	110,800*					250
255	43.0	447.9	58,700	97,700*	49.6	464.5	39,300	120,900*	55.5	474.5	20,400	107,500*					255
260	41.4	442.2	56,000	95,300*	48.2	460.0	37,100	117,400*	54.1	470.9	18,500	104,400*					260
270	38.0	429.7	50,900	90,800*	45.2	450.3	32,800	111,000*	51.4	463.0	14,900	98,400*					270
280	34.3	415.5	46,200	86,600*	42.1	439.4	28,700	104,400*	48.6	454.3	11,600	92,900*					280
290	30.2	399.0	41,700	81,700*	38.7	427.2	25,000	97,500*	45.7	444.7	8,500	87,200*	51.7	454.7	72,300*		290
300	25.5	379.3	37,400	75,700*	35.1	413.4	21,400	90,700*	42.6	434.0	5,600	81,800*	48.9	446.1	67,400*		300
310	19.8	354.0	33,300	70,100*	31.1	397.5	18,100	84,200*	39.3	422.1	2,900	76,700*	46.0	436.5	62,900*		310
320	11.3	315.4	29,200	64,900*	26.6	378.5	14,900	78,100*	35.7	408.5	300	72,000*	42.9	426.0	58,600*		320
330					21.1	354.8	11,800	72,300*	31.8	393.0		67,400*	39.6	414.1	54,500*		330
340					13.6	320.6	8,700	67,000*	27.3	374.6		63,100*	36.0	400.7	50,700*		340
350									22.1	351.8		59,000*	32.1	385.4	47,000*		350
360									15.0	320.1		54,900*	27.8	367.3	43,500*		360
370													22.6	345.0	40,100*		370
380													15.8	314.5	36,700*		380

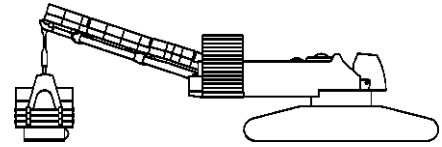


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 467,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



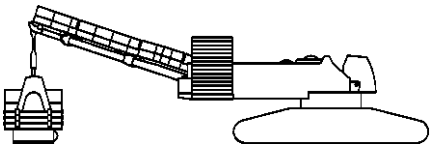
260 Ft. Boom, 290 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
200	60.8	518.1	93,000	113,100*												200	
205	59.6	515.1	88,600	111,400*												205	
210	58.5	512.0	84,500	109,700*												210	
215	57.3	508.7	80,600	107,900*	62.4	516.8	56,600	113,100*								215	
220	56.1	505.3	76,800	106,000*	61.3	514.0	53,400	113,100*								220	
225	54.9	501.7	73,300	104,000*	60.1	511.1	50,400	113,100*								225	
230	53.7	498.0	69,800	102,000*	59.0	508.0	47,500	113,100*								230	
235	52.4	494.1	66,600	100,000*	57.8	504.8	44,800	113,100*								235	
240	51.1	490.1	63,400	97,900*	56.6	501.5	42,200	113,100*								240	
245	49.8	485.8	60,400	95,900*	55.4	498.0	39,600	113,100*								245	
250	48.5	481.3	57,600	93,800*	54.2	494.4	37,200	109,900*								250	
255	47.2	476.6	54,800	90,300*	52.9	490.5	34,900	106,500*								255	
260	45.8	471.7	52,100	87,100*	51.7	486.5	32,600	103,100*	57.0	495.4	13,500	100,500*				260	
270	42.9	461.1	47,100	80,400*	49.1	478.0	28,400	96,100*	54.6	488.4	10,100	94,000*				270	
280	39.8	449.4	42,400	73,900*	46.4	468.6	24,400	89,400*	52.1	480.6	6,800	87,900*				280	
290	36.6	436.3	38,000	67,700*	43.5	458.2	20,700	82,700*	49.5	472.2	3,800	82,300*				290	
300	33.0	421.4	33,900	61,700*	40.5	446.7	17,300	76,100*	46.8	462.9	1,000	77,000*	52.3	472.3	62,200*	300	
310	29.1	404.1	30,000	56,100*	37.3	433.9	14,000	69,800*	44.0	452.7		72,000*	49.7	463.9	57,700*	310	
320	24.6	383.5	26,200	50,700*	33.8	419.4	10,900	63,800*	41.0	441.5		67,300*	47.0	454.7	53,500*	320	
330	19.0	357.3	22,600	45,700*	30.0	402.7	8,000	58,000*	37.8	428.9		62,900*	44.2	444.6	49,500*	330	
340	10.8	317.1	19,000	41,200*	25.6	383.0	5,200	52,600*	34.4	414.7		58,700*	41.3	433.5	45,800*	340	
350					20.3	358.2	2,400	47,500*	30.6	398.4		54,700*	38.1	421.0	42,200*	350	
360					13.0	322.7		42,800*	26.3	379.2		50,900*	34.7	406.9	38,800*	360	
370									21.2	355.4		47,200*	31.0	390.9	35,500*	370	
380									14.4	322.5		43,500*	26.7	372.0	32,400*	380	
390													21.7	348.7	29,400*	390	
400													15.2	317.0	26,300*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
210	60.7	535.4	81,200	98,900*												210
215	59.7	532.4	77,300	96,000*												215
220	58.6	529.3	73,500	92,800*												220
225	57.5	526.1	70,000	89,700*	62.2	534.1	46,800	96,000*								225
230	56.4	522.7	66,600	86,500*	61.2	531.3	43,900	96,000*								230
235	55.2	519.2	63,300	83,500*	60.1	528.4	41,200	96,000*								235
240	54.1	515.5	60,200	80,300*	59.0	525.4	38,600	93,800*								240
245	52.9	511.7	57,200	77,200*	57.9	522.2	36,100	90,800*								245
250	51.7	507.7	54,300	74,100*	56.8	518.9	33,700	87,800*								250
255	50.5	503.6	51,600	71,100*	55.7	515.4	31,300	84,800*								255
260	49.3	499.2	48,900	68,100*	54.6	511.8	29,100	81,700*								260
270	46.8	490.0	43,900	62,200*	52.2	504.2	24,900	75,800*	57.2	512.8	6,300	87,100*				270
280	44.2	479.8	39,300	56,500*	49.8	495.8	21,000	69,800*	54.9	505.8	3,100	81,700*				280
290	41.4	468.7	34,900	51,100*	47.3	486.7	17,300	63,900*	52.6	498.2	200	76,100*				290
300	38.5	456.3	30,900	45,900*	44.7	476.8	13,900	58,200*	50.2	490.0		70,400*				300
310	35.3	442.6	27,000	40,900*	42.0	465.9	10,700	52,700*	47.7	481.0		64,800*	52.8	489.9	53,800*	310
320	31.9	427.0	23,400	36,000*	39.1	453.8	7,700	47,400*	45.2	471.2		59,200*	50.4	481.7	49,700*	320
330	28.1	409.0	20,000	31,400*	36.0	440.4	4,900	42,400*	42.4	460.5		53,800*	48.0	472.8	45,700*	330
340	23.7	387.6	16,700	27,200*	32.7	425.2	2,100	37,400*	39.6	448.6		48,500*	45.4	463.1	42,000*	340
350	18.4	360.4	13,500	23,100*	28.9	407.8		32,800*	36.5	435.4		43,400*	42.7	452.4	38,500*	350
360	10.5	318.8	10,200	19,500*	24.7	387.3		28,500*	33.2	420.5		38,500*	39.8	440.6	35,100*	360
370					19.6	361.6		24,400*	29.6	403.6		33,900*	36.8	427.6	32,000*	370
380					12.6	324.8		20,600*	25.4	383.6		29,500*	33.5	412.9	28,900*	380
390									20.5	359.0		25,400*	29.9	396.1	26,000*	390
400									13.9	324.8		21,500*	25.8	376.5	23,200*	400
410													21.0	352.3	20,400*	410
420													14.6	319.4	17,700*	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

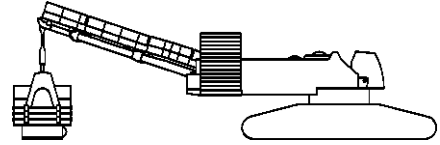
467,800 Lb. Hanging Counterweight

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	80 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100	65.1	366.6	310,800	367,200*													100
105	61.4	363.7	292,100	364,000*													105
110	57.6	360.4	275,200	355,500*													110
115	53.6	356.6	259,900	344,400*													115
120	49.4	352.1	245,800	333,100*													120
125	44.8	347.0	232,800	321,700*													125
130	39.8	340.9	220,800	311,100*	60.6	357.3	186,100	312,100*									130
135	34.1	333.4	209,600	301,200*	56.7	353.9	176,700	299,400*									135
140	27.2	323.8	199,100	292,900*	52.6	350.0	168,000	287,500*									140
145	17.6	309.6	188,800	287,900*	48.3	345.4	159,800	276,300*									145
150					43.7	340.0	152,200	265,900*									150
155					38.5	333.6	144,900	256,000*									155
160					32.6	325.7	138,100	246,700*	55.3	344.9	111,500	228,700*					160
165					25.3	315.4	131,400	237,800*	51.2	340.7	106,200	220,700*					165
170					14.2	298.7	124,500	229,000*	46.7	335.9	101,200	213,100*					170
175									41.9	330.2	96,400	205,900*					175
180									36.5	323.3	91,800	199,000*					180
185									30.2	314.8	87,300	192,400*					185
190									22.1	303.0	82,800	185,900*					190
195													49.0	328.7	62,100	171,700*	195
200													44.4	323.4	58,900	166,200*	200
205													39.3	317.2	55,800	160,800*	205
210													33.5	309.6	52,800	155,700*	210
215													26.5	299.7	49,700	150,700*	215
													16.3	284.6	46,400	145,700*	215

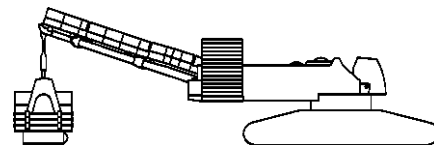
Capacities indicated by (b) require
21,000 Lb. minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
110	64.2	383.9	273,400	325,600*													110
115	61.2	381.0	258,200	317,500*													115
120	58.1	377.8	244,300	308,600*													120
125	54.9	374.2	231,600	299,300*													125
130	51.5	370.1	219,900	289,700*													130
135	47.9	365.4	209,000	280,300*													135
140	44.2	360.2	199,000	270,900*	60.5	374.6	165,500	285,200*									140
145	40.1	354.1	189,600	261,900*	57.3	371.3	157,600	274,300*									145
150	35.6	347.1	180,700	253,500*	54.1	367.6	150,200	264,000*									150
155	30.5	338.6	172,400	246,000*	50.7	363.4	143,200	254,300*									155
160	24.3	327.8	164,400	240,000*	47.1	358.6	136,700	245,300*									160
165	15.6	311.9	156,500	236,800*	43.2	353.2	130,500	236,700*									165
170					39.1	346.9	124,700	228,600*	56.2	362.4	98,500	210,800*					170
175					34.4	339.6	119,100	220,900*	52.9	358.5	93,900	203,800*					175
180					29.1	330.7	113,700	213,500*	49.4	354.1	89,600	197,100*					180
185					22.6	319.1	108,500	206,400*	45.8	349.1	85,500	190,700*					185
190					12.5	300.5	103,000	199,400*	41.8	343.4	81,600	184,600*					190
195									37.5	336.8	77,800	178,800*					195
200									32.7	329.0	74,100	173,300*	51.2	346.6	53,100	158,600*	200
205									27.0	319.3	70,500	167,900*	47.6	341.9	50,400	153,700*	205
210									19.7	306.1	66,900	162,500*	43.8	336.6	47,700	149,000*	210
215													39.7	330.5	45,100	144,500*	215
220													35.1	323.3	42,600	140,100*	220
225													29.9	314.7	40,100	135,900*	225
230													23.6	303.6	37,600	131,800*	230
235													14.5	286.7	34,900	127,600*	235

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

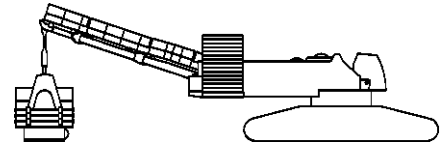


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 467,800 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

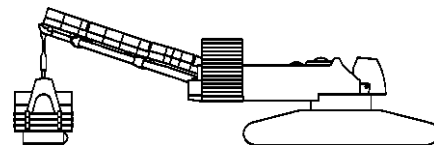
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib 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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
125	61.0	398.3	227,700	275,800*													125
130	58.4	395.2	216,200	268,500*													130
135	55.7	391.6	205,500	260,800*													135
140	52.9	387.8	195,500	253,000*													140
145	50.0	383.5	186,300	245,100*	62.9	394.9	152,800	270,200*									145
150	47.0	378.7	177,700	237,200*	60.4	392.0	145,500	260,100*									150
155	43.7	373.4	169,700	229,500*	57.8	388.7	138,700	250,600*									155
160	40.3	367.4	162,100	222,100*	55.0	385.1	132,300	241,600*									160
165	36.6	360.6	155,000	215,100*	52.2	381.1	126,300	233,200*									165
170	32.5	352.7	148,200	208,700*	49.3	376.7	120,700	225,200*									170
175	27.8	343.3	141,700	203,100*	46.2	371.9	115,300	217,600*									175
180	22.1	331.4	135,500	198,700*	42.9	366.4	110,300	210,500*	56.8	379.8	84,600	193,000*					180
185	14.1	314.0	129,300	196,700*	39.5	360.2	105,500	203,700*	54.1	376.1	80,600	186,800*					185
190					35.7	353.2	100,800	197,200*	51.2	371.9	76,900	180,900*					190
195					31.4	345.0	96,400	191,000*	48.2	367.4	73,300	175,200*					195
200					26.6	335.1	92,100	185,100*	45.1	362.3	69,900	169,800*					200
205					20.5	322.4	87,900	179,300*	41.7	356.6	66,600	164,700*					205
210					11.3	302.0	83,400	173,500*	38.2	350.2	63,500	159,700*	52.6	364.3	42,500	145,000*	210
215									34.2	342.8	60,400	154,900*	49.7	360.0	40,100	140,600*	215
220									29.8	334.1	57,400	150,200*	46.7	355.2	37,800	136,400*	220
225									24.6	323.4	54,500	145,700*	43.4	349.8	35,600	132,400*	225
230									17.9	309.0	51,500	141,200*	40.0	343.8	33,400	128,500*	230
235													36.2	336.9	31,300	124,700*	235
240													32.1	328.9	29,300	121,100*	240
245													27.3	319.3	27,200	117,600*	245
250													21.5	307.1	25,100	114,100*	250
255													13.1	288.7	22,800	110,600*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
135	60.9	415.6	202,900	241,900*													135
140	58.6	412.5	193,100	235,800*													140
145	56.3	409.1	183,900	229,400*													145
150	53.9	405.4	175,400	223,000*													150
155	51.4	401.3	167,500	216,400*	62.5	412.2	135,500	247,800*									155
160	48.9	396.8	160,000	209,700*	60.3	409.3	129,200	239,000*									160
165	46.2	392.0	153,000	203,200*	58.1	406.1	123,300	230,600*									165
170	43.4	386.6	146,500	196,800*	55.7	402.6	117,700	222,700*									170
175	40.5	380.6	140,200	190,700*	53.3	398.8	112,500	215,200*									175
180	37.3	374.0	134,300	184,900*	50.9	394.6	107,600	208,200*									180
185	33.9	366.5	128,700	179,400*	48.3	390.1	102,900	201,500*									185
190	30.0	357.9	123,400	174,500*	45.6	385.1	98,400	195,100*	57.2	397.2	73,500	178,100*					190
195	25.7	347.7	118,200	170,300*	42.7	379.6	94,200	189,100*	54.9	393.6	70,000	172,600*					195
200	20.4	334.8	113,200	167,100*	39.7	373.5	90,100	183,300*	52.5	389.6	66,700	167,300*					200
205	13.0	316.0	108,100	165,900*	36.5	366.7	86,200	177,700*	50.0	385.4	63,600	162,200*					205
210					33.0	359.0	82,500	172,400*	47.3	380.7	60,500	157,300*					210
215					29.1	350.0	78,900	167,400*	44.6	375.5	57,600	152,600*					215
220					24.6	339.3	75,400	162,400*	41.7	369.8	54,800	148,100*					220
225					18.9	325.5	71,900	157,700*	38.6	363.5	52,200	143,800*	51.2	377.8	32,200	129,700*	225
230					10.3	303.5	68,200	152,800*	35.3	356.4	49,600	139,600*	48.6	373.4	30,200	125,900*	230
235									31.7	348.3	47,000	135,600*	46.0	368.4	28,200	122,300*	235
240									27.6	338.8	44,600	131,700*	43.2	363.0	26,300	118,800*	240
245									22.7	327.2	42,100	127,900*	40.2	357.0	24,400	115,400*	245
250									16.5	311.6	39,600	124,100*	37.0	350.3	22,600	112,100*	250
255													33.5	342.7	20,900	109,000*	255
260													29.7	334.0	19,100	105,900*	260
270													19.9	310.4	15,600	100,000*	270

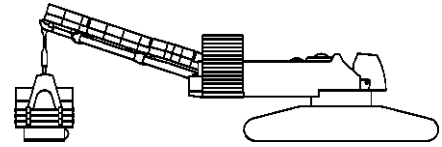


Liftcrane Luffing Jib Capacities

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
 467,800 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

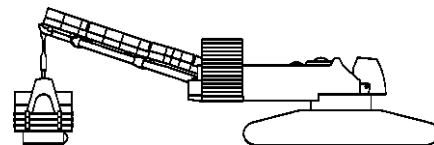
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib 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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
145	60.8	433.0	179,800	212,300*													145
150	58.8	429.9	171,300	207,200*													150
155	56.7	426.5	163,400	202,100*													155
160	54.7	422.9	156,100	196,600*													160
165	52.5	419.0	149,200	191,100*	62.2	429.5	118,300	224,500*									165
170	50.3	414.7	142,700	185,600*	60.3	426.6	112,900	218,800*									170
175	48.0	410.2	136,500	180,100*	58.3	423.4	107,700	211,400*									175
180	45.7	405.2	130,800	174,700*	56.3	420.0	102,900	204,400*									180
185	43.2	399.8	125,300	169,500*	54.2	416.3	98,300	197,700*									185
190	40.6	393.9	120,100	164,400*	52.0	412.4	93,900	191,500*									190
195	37.8	387.4	115,100	159,500*	49.8	408.0	89,800	185,500*									195
200	34.9	380.2	110,400	155,000*	47.5	403.4	85,800	179,800*	57.6	414.6	61,500	163,100*					200
205	31.6	372.1	105,900	150,700*	45.1	398.3	82,100	174,300*	55.5	411.0	58,400	158,200*					205
210	28.1	362.7	101,500	147,000*	42.6	392.8	78,500	169,100*	53.4	407.3	55,500	153,400*					210
215	24.0	351.7	97,300	143,800*	39.9	386.8	75,000	164,200*	51.2	403.2	52,700	148,800*					215
220	19.1	337.9	93,200	141,500*	37.1	380.1	71,700	159,400*	49.0	398.7	50,000	144,300*					220
225	12.1	317.8	89,000	140,800*	34.1	372.7	68,600	154,800*	46.7	394.0	47,500	140,100*					225
230					30.8	364.3	65,500	150,400*	44.2	388.7	45,000	136,000*					230
235					27.2	354.7	62,500	146,100*	41.7	383.0	42,600	132,100*	52.3	395.5	22,900	118,200*	235
240					22.9	343.1	59,600	141,900*	39.0	376.8	40,300	128,300*	50.1	391.3	21,100	114,800*	240
245					17.7	328.4	56,600	137,800*	36.1	369.9	38,100	124,700*	47.8	386.7	19,300	111,500*	245
250					9.6	304.9	53,500	133,600*	33.0	362.2	35,900	121,200*	45.4	381.7	17,600	108,300*	250
255									29.6	353.4	33,800	117,800*	42.9	376.2	16,000	105,200*	255
260									25.8	343.2	31,700	114,500*	40.3	370.3	14,400	102,300*	260
270									15.4	314.0	27,500	108,100*	34.6	356.4	11,400	96,600*	270
280													27.7	338.8	8,400	91,200*	280
290													18.5	313.4	5,400	85,500*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
160	58.9	447.2	153,200	183,100*													160
165	57.1	443.9	146,300	178,800*													165
170	55.2	440.4	139,900	174,400*													170
175	53.4	436.6	133,800	169,900*	62.0	446.8	104,300	197,700*									175
180	51.4	432.5	128,000	165,300*	60.3	443.9	99,500	197,700*									180
185	49.4	428.1	122,600	160,800*	58.5	440.8	94,900	195,000*									185
190	47.4	423.5	117,500	156,200*	56.7	437.4	90,600	188,800*									190
195	45.2	418.5	112,600	151,800*	54.8	433.8	86,500	182,800*									195
200	43.0	413.0	108,000	147,400*	52.9	430.0	82,700	177,200*									200
205	40.7	407.1	103,600	143,200*	51.0	425.9	79,000	171,800*									205
210	38.2	400.7	99,400	139,200*	48.9	421.4	75,400	166,600*	57.8	431.9	51,900	150,500*					210
215	35.6	393.7	95,300	135,300*	46.9	416.7	72,100	161,700*	56.0	428.5	49,100	146,000*					215
220	32.8	386.0	91,500	131,700*	44.7	411.6	68,900	157,000*	54.1	424.8	46,500	141,600*					220
225	29.8	377.2	87,700	128,500*	42.5	406.0	65,800	152,500*	52.2	420.9	44,000	137,400*					225
230	26.5	367.3	84,100	125,500*	40.1	400.0	62,800	148,200*	50.2	416.6	41,600	133,300*					230
235	22.6	355.6	80,600	123,100*	37.6	393.5	60,000	144,000*	48.2	412.1	39,300	129,500*					235
240	17.9	340.9	77,100	121,400*	35.0	386.3	57,200	139,900*	46.1	407.2	37,100	125,800*					240
245	11.3	319.5	73,600	121,100*	32.1	378.4	54,500	136,000*	43.9	402.0	34,900	122,200*					245
250					29.1	369.4	52,000	132,200*	41.6	396.3	32,800	118,800*	51.2	409.1	14,000	105,500*	250
255					25.6	359.1	49,400	128,600*	39.2	390.1	30,800	115,500*	49.2	404.7	12,400	102,500*	255
260					21.6	346.8	46,900	125,000*	36.7	383.4	28,900	112,300*	47.2	400.0	10,900	99,600*	260
270					9.0	306.1	41,700	117,900*	31.1	367.6	25,200	106,200*	42.8	389.5	8,000	93,600*	270
280									24.3	347.3	21,600	100,400*	38.0	377.1	5,300	87,900*	280
290									14.4	316.4	17,900	94,900*	32.6	362.1	2,700	82,600*	290
300													26.1	343.3	200	77,500*	300
310													17.4	316.3		72,600*	310

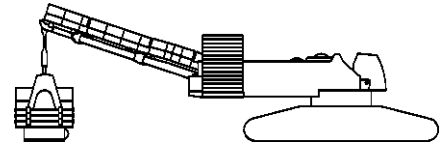


Liftcrane Luffing Jib Capacities

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
 467,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



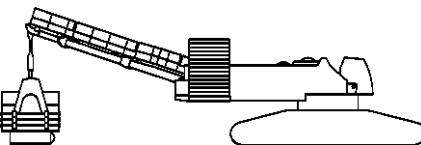
280 Ft. Boom, 210 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
170	59.0	464.5	135,600	161,800*													170
175	57.4	461.3	129,600	158,200*													175
180	55.7	457.8	123,900	154,500*													180
185	54.0	454.1	118,500	150,800*	61.8	464.2	90,000	174,500*									185
190	52.3	450.2	113,500	147,000*	60.2	461.2	85,800	174,500*									190
195	50.5	446.0	108,600	143,200*	58.6	458.1	81,700	174,500*									195
200	48.7	441.5	104,100	139,400*	57.0	454.8	77,900	173,400*									200
205	46.8	436.8	99,700	135,600*	55.3	451.3	74,300	168,000*									205
210	44.9	431.7	95,600	131,900*	53.6	447.5	70,800	162,900*									210
215	42.8	426.2	91,600	128,300*	51.9	443.6	67,500	158,100*									215
220	40.7	420.4	87,800	124,800*	50.1	439.3	64,300	153,400*									220
225	38.5	414.1	84,200	121,400*	48.2	434.8	61,300	149,000*	56.4	445.9	38,800	133,400*					225
230	36.2	407.2	80,700	118,200*	46.4	430.0	58,400	144,700*	54.7	442.3	36,500	129,400*					230
235	33.8	399.7	77,400	115,100*	44.4	424.8	55,700	140,600*	53.0	438.5	34,300	125,600*					235
240	31.1	391.4	74,100	112,300*	42.4	419.2	53,000	136,600*	51.3	434.4	32,100	121,900*					240
245	28.3	382.2	71,000	109,700*	40.2	413.3	50,400	132,800*	49.4	430.1	30,000	118,400*					245
250	25.1	371.6	68,000	107,500*	38.0	406.9	47,900	129,100*	47.6	425.4	28,000	115,000*					250
255	21.4	359.2	65,000	105,700*	35.7	399.8	45,600	125,500*	45.7	420.5	26,100	111,800*					255
260	17.0	343.7	62,000	104,500*	33.2	392.2	43,200	122,000*	43.7	415.2	24,200	108,600*	52.1	426.7	5,600	94,100*	260
270					27.5	374.1	38,800	115,500*	39.5	403.4	20,700	102,700*	48.5	418.1	2,900	88,300*	270
280					20.5	350.2	34,500	109,300*	34.8	389.5	17,400	97,100*	44.7	408.2		82,800*	280
290					8.4	307.4	29,900	103,100*	29.5	372.8	14,200	91,900*	40.5	396.8		77,600*	290
300									23.0	351.2	11,100	86,900*	36.0	383.5		72,800*	300
310									13.7	318.5	7,900	81,800*	30.9	367.6		68,200*	310
320													24.8	347.5		63,700*	320
330													16.5	319.0		59,400*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
180	59.1	481.9	120,800	143,500*													180
185	57.6	478.6	115,400	140,600*													185
190	56.1	475.2	110,400	137,500*													190
195	54.6	471.6	105,600	134,400*	61.7	481.5	78,200	154,300*									195
200	53.0	467.8	101,000	131,200*	60.2	478.6	74,400	154,300*									200
205	51.4	463.7	96,700	128,000*	58.7	475.5	70,800	154,300*									205
210	49.8	459.4	92,600	124,800*	57.3	472.2	67,300	154,300*									210
215	48.1	454.9	88,700	121,700*	55.7	468.7	64,100	153,100*									215
220	46.3	450.1	84,900	118,500*	54.2	465.1	61,000	150,700*									220
225	44.6	444.9	81,400	115,400*	52.6	461.2	58,000	146,300*									225
230	42.7	439.5	77,900	112,400*	51.0	457.1	55,100	142,000*									230
235	40.8	433.6	74,700	109,500*	49.4	452.7	52,400	138,000*	56.7	463.3	30,500	122,700*					235
240	38.8	427.4	71,500	106,700*	47.7	448.1	49,800	134,000*	55.2	459.8	28,400	119,100*					240
245	36.7	420.6	68,500	103,900*	45.9	443.2	47,200	130,200*	53.7	456.0	26,400	115,600*					245
250	34.5	413.3	65,500	101,400*	44.1	438.0	44,800	126,600*	52.1	452.1	24,400	112,200*					250
255	32.2	405.4	62,700	99,000*	42.3	432.5	42,500	123,000*	50.4	447.9	22,600	109,000*					255
260	29.7	396.6	60,000	96,700*	40.3	426.5	40,200	119,600*	48.8	443.5	20,700	105,900*					260
270	23.9	375.7	54,700	92,900*	36.2	413.3	35,900	113,200*	45.3	433.7	17,300	100,000*	52.9	444.4	84,300*		270
280	16.2	346.4	49,600	90,600*	31.6	397.7	31,900	107,200*	41.6	422.7	14,100	94,600*	49.6	436.0	78,900*		280
290					26.2	378.7	28,100	101,500*	37.6	410.1	11,000	89,400*	46.2	426.6	73,900*		290
300					19.5	353.5	24,300	96,100*	33.2	395.4	8,100	84,200*	42.5	415.9	69,100*		300
310					8.0	308.6	20,300	90,800*	28.1	377.6	5,400	79,100*	38.6	403.7	64,600*		310
320									21.9	355.0	2,700	74,200*	34.3	389.6	60,400*		320
330									13.0	320.6		69,400*	29.4	372.7	56,300*		330
340													23.6	351.5	52,400*		340
350													15.7	321.6	48,600*		350

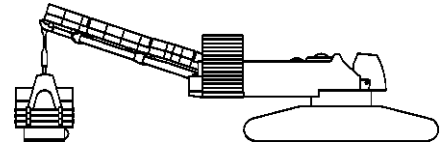


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
190	59.2	499.2	106,100	126,800*												190
195	57.8	496.0	101,400	124,400*												195
200	56.4	492.6	96,800	121,900*	62.8	501.5	69,500	135,000*								200
205	55.0	489.1	92,600	119,300*	61.5	498.8	65,900	135,000*								205
210	53.6	485.3	88,500	116,700*	60.2	495.9	62,500	135,000*								210
215	52.1	481.4	84,600	114,000*	58.9	492.8	59,300	135,000*								215
220	50.6	477.2	80,900	111,400*	57.5	489.6	56,200	135,000*								220
225	49.1	472.9	77,300	108,700*	56.1	486.1	53,300	135,000*								225
230	47.6	468.2	74,000	106,100*	54.7	482.6	50,500	134,100*								230
235	46.0	463.3	70,700	103,400*	53.3	478.8	47,800	132,100*								235
240	44.3	458.2	67,600	100,900*	51.8	474.8	45,200	130,000*								240
245	42.6	452.7	64,600	98,300*	50.3	470.6	42,700	126,700*	57.0	480.7	21,300	111,600*				245
250	40.9	446.9	61,700	95,900*	48.8	466.1	40,300	123,100*	55.6	477.2	19,400	108,300*				250
255	39.0	440.6	59,000	93,500*	47.2	461.5	38,100	119,600*	54.2	473.5	17,500	105,100*				255
260	37.1	434.0	56,300	91,200*	45.6	456.5	35,800	116,200*	52.7	469.7	15,800	102,100*				260
270	33.0	419.2	51,200	87,000*	42.2	445.7	31,700	109,900*	49.8	461.3	12,400	96,200*				270
280	28.4	401.5	46,400	83,300*	38.6	433.5	27,800	103,900*	46.6	452.0	9,300	90,200*				280
290	22.8	379.6	41,900	80,400*	34.6	419.5	24,100	98,400*	43.3	441.6	6,400	84,700*	50.5	453.8	68,600*	290
300	15.4	348.9	37,500	78,700*	30.2	403.0	20,600	93,200*	39.8	429.9	3,600	79,400*	47.4	444.7	63,900*	300
310					25.1	383.0	17,300	88,200*	36.0	416.5	1,000	74,500*	44.2	434.6	59,500*	310
320					18.6	356.6	14,000	83,500*	31.7	401.0		69,800*	40.7	423.3	55,400*	320
330					7.6	309.7	10,500	78,800*	26.9	382.3		65,400*	36.9	410.3	51,500*	330
340									20.9	358.5		61,100*	32.8	395.4	47,800*	340
350									12.4	322.6		56,800*	28.1	377.6	44,200*	350
360													22.6	355.4	40,800*	360
370													15.0	324.0	37,300*	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

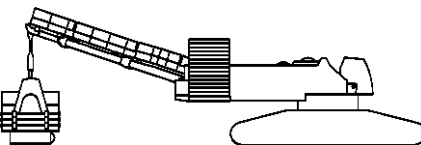
320,000 Lb. Carbody Counterweight

467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
200	59.2	516.5	93,600	112,500*													200
205	58.0	513.3	89,300	110,400*													205
210	56.7	510.0	85,300	108,300*	62.6	518.9	58,900	118,600*									210
215	55.4	506.5	81,400	106,100*	61.4	516.1	55,700	118,600*									215
220	54.1	502.8	77,700	104,000*	60.2	513.2	52,600	118,600*									220
225	52.8	499.0	74,200	101,800*	58.9	510.1	49,700	118,600*									225
230	51.4	495.0	70,800	99,600*	57.7	506.9	46,900	118,600*									230
235	50.0	490.7	67,600	97,300*	56.4	503.5	44,300	118,600*									235
240	48.6	486.2	64,500	95,100*	55.1	500.0	41,700	118,600*									240
245	47.1	481.5	61,500	92,900*	53.8	496.3	39,200	117,900*									245
250	45.6	476.6	58,700	90,700*	52.4	492.4	36,900	116,100*									250
255	44.1	471.4	55,900	88,500*	51.1	488.3	34,600	114,400*	57.2	498.0	13,800	102,000*					255
260	42.5	465.9	53,300	86,400*	49.7	484.0	32,400	112,500*	55.9	494.6	12,000	98,700*					260
270	39.2	453.9	48,300	82,400*	46.8	474.8	28,300	107,200*	53.3	487.2	8,700	92,300*					270
280	35.6	440.4	43,700	78,600*	43.7	464.5	24,500	101,400*	50.6	479.1	5,700	86,500*					280
290	31.7	424.7	39,300	75,200*	40.5	453.0	20,900	95,900*	47.7	470.2	2,800	81,000*					290
300	27.2	406.3	35,100	72,300*	37.0	440.1	17,500	90,700*	44.7	460.2	100	75,800*	51.3	471.5	60,000*		300
310	21.9	383.4	31,200	69,900*	33.3	425.4	14,300	85,900*	41.6	449.2		70,900*	48.4	462.8	55,700*		310
320	14.8	351.4	27,300	66,400*	29.0	408.1	11,300	80,700*	38.2	436.8		66,400*	45.5	453.1	51,600*		320
330					24.1	387.2	8,300	74,900*	34.5	422.7		62,000*	42.4	442.3	47,800*		330
340					17.9	359.7	5,400	69,400*	30.5	406.3		57,900*	39.0	430.3	44,100*		340
350					7.3	310.8	2,300	64,500*	25.8	386.8		54,000*	35.5	416.6	40,700*		350
360									20.1	361.9		50,100*	31.5	400.9	37,400*		360
370									11.9	324.6		46,300*	27.0	382.3	34,200*		370
380													21.7	359.1	31,100*		380
390													14.4	326.4	28,000*		390

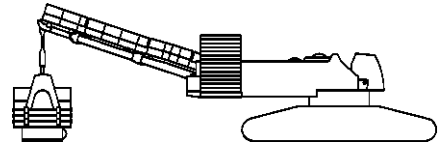


Liftcrane Luffing Jib Capacities

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
 467,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



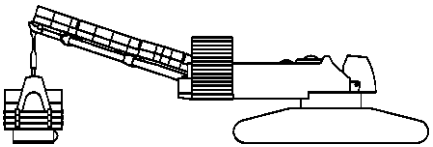
280 Ft. Boom, 290 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
205	60.4	536.9	85,000	100,500*												205	
210	59.3	533.8	81,000	99,000*												210	
215	58.1	530.7	77,200	97,300*												215	
220	56.9	527.4	73,500	95,600*	62.4	536.2	47,800	103,500*								220	
225	55.7	523.9	70,000	93,900*	61.3	533.4	44,900	103,500*								225	
230	54.5	520.3	66,600	92,100*	60.2	530.5	42,200	103,500*								230	
235	53.3	516.5	63,500	90,300*	59.0	527.5	39,500	103,500*								235	
240	52.0	512.6	60,400	88,400*	57.8	524.3	37,000	103,500*								240	
245	50.7	508.5	57,400	86,500*	56.7	520.9	34,600	103,500*								245	
250	49.4	504.1	54,600	84,700*	55.4	517.5	32,300	103,500*								250	
255	48.1	499.6	51,900	82,800*	54.2	513.8	30,000	103,500*								255	
260	46.7	494.9	49,300	81,000*	53.0	510.0	27,900	103,000*								260	
270	43.9	484.6	44,400	77,300*	50.4	501.8	23,800	98,100*	56.2	512.0	3,700	87,200*				270	
280	40.9	473.3	39,800	73,800*	47.8	492.9	20,100	91,400*	53.8	504.8	700	81,400*				280	
290	37.7	460.7	35,500	69,200*	45.0	483.0	16,500	85,100*	51.3	496.9		75,900*				290	
300	34.3	446.5	31,500	63,200*	42.1	472.1	13,200	78,700*	48.7	488.2		70,900*				300	
310	30.5	430.1	27,700	57,700*	39.0	460.0	10,100	72,400*	45.9	478.6		66,100*	51.9	489.2	50,400*	310	
320	26.2	410.9	24,000	52,200*	35.7	446.5	7,200	66,400*	43.1	468.1		61,600*	49.3	480.7	46,400*	320	
330	21.1	387.0	20,600	47,300*	32.0	431.0	4,400	60,700*	40.0	456.4		57,300*	46.6	471.4	42,700*	330	
340	14.3	353.7	17,100	42,600*	27.9	413.0	1,700	55,200*	36.8	443.4		53,300*	43.8	461.1	39,100*	340	
350					23.2	391.2		49,900*	33.2	428.6		49,500*	40.8	449.7	35,700*	350	
360					17.2	362.6		45,100*	29.3	411.5		45,800*	37.6	437.0	32,500*	360	
370					7.0	311.8		40,800*	24.8	391.1		42,300*	34.1	422.7	29,500*	370	
380									19.4	365.2		38,900*	30.3	406.3	26,500*	380	
390									11.4	326.4		35,500*	26.0	386.8	23,700*	390	
400													20.9	362.7	20,900*	400	
410													13.9	328.7	18,200*	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
467,800 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	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
215	60.4	554.2	73,800	87,900*								215	
220	59.3	551.2	70,100	86,700*								220	
225	58.2	548.0	66,700	85,400*								225	
230	57.1	544.8	63,300	84,000*	62.3	553.5	38,500	88,300*				230	
235	56.0	541.3	60,100	82,600*	61.2	550.7	35,900	88,300*				235	
240	54.9	537.8	57,100	80,900*	60.2	547.8	33,400	88,300*				240	
245	53.7	534.1	54,200	78,100*	59.1	544.8	31,000	88,300*				245	
250	52.6	530.2	51,400	75,100*	58.0	541.6	28,700	88,300*				250	
255	51.4	526.2	48,700	72,100*	56.9	538.3	26,400	86,100*				255	
260	50.2	522.0	46,100	69,300*	55.8	534.9	24,300	83,300*				260	
270	47.7	513.0	41,200	63,600*	53.5	527.5	20,300	77,600*				270	
280	45.1	503.1	36,600	58,000*	51.1	519.5	16,600	71,900*	56.5	529.4	77,400*	280	
290	42.4	492.4	32,400	52,600*	48.6	510.9	13,100	66,200*	54.2	522.3	72,100*	290	
300	39.5	480.5	28,400	47,400*	46.1	501.4	9,800	60,600*	51.9	514.5	67,000*	300	
310	36.4	467.2	24,700	42,400*	43.4	491.0	6,800	55,200*	49.4	506.0	62,300*	310	
320	33.1	452.3	21,100	37,600*	40.6	479.5	3,900	49,900*	46.9	496.8	57,900*	320	
330	29.5	435.3	17,800	33,000*	37.6	466.8	1,100	44,800*	44.3	486.7	53,700*	330	
340	25.3	415.3	14,600	28,600*	34.4	452.6		39,900*	41.5	475.6	49,700*	340	
350	20.4	390.5	11,500	24,500*	30.9	436.5		35,100*	38.6	463.4	45,900*	350	
360	13.8	356.0	8,400	20,700*	27.0	417.7		30,700*	35.5	449.7	41,800*	360	
370					22.4	395.0		26,500*	32.1	434.2	37,000*	370	
380					16.6	365.4		22,500*	28.3	416.4	32,400*	380	
390					6.7	312.8		19,000*	24.0	395.2	28,100*	390	
400									18.7	368.4	24,100*	400	
410									11.0	328.2	20,400*	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

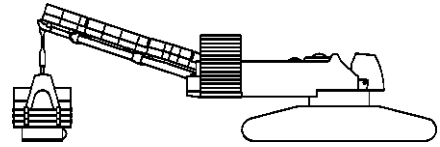
467,800 Lb. Hanging Counterweight

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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115	56.4	379.0	253,600	310,000*(b)													115
120	52.4	375.0	239,900	301,000*													120
125	48.0	370.4	227,200	291,800*													125
130	43.3	364.9	215,500	282,700*													130
135	38.1	358.4	204,600	274,300*	60.7	376.8	167,600	291,600*(b)									135
140	32.1	350.5	194,400	266,600*	56.8	373.4	159,200	280,000*(b)									140
145	24.7	339.9	184,600	260,600*	52.8	369.4	151,500	269,200*									145
150	13.0	322.2	174,900	258,300*	48.5	364.9	144,200	259,000*									150
155					43.8	359.5	137,300	249,500*									155
160					38.7	353.1	130,800	240,400*									160
165					32.8	345.4	124,600	231,800*	56.8	365.1	95,900	212,400*					165
170					25.6	335.2	118,600	223,600*	52.7	361.1	91,300	205,100*					170
175					14.8	318.9	112,300	215,500*	48.4	356.5	86,900	198,200*					175
180									43.7	351.2	82,700	191,500*					180
185									38.6	344.8	78,600	185,200*					185
190									32.7	337.0	74,700	179,200*					190
195									25.4	326.7	70,800	173,300*	51.9	350.0	48,000	157,600*	195
200									14.4	310.2	66,600	167,400*	47.6	345.2	45,300	152,600*	200
205													42.8	339.7	42,700	147,700*	205
210													37.6	333.1	40,100	143,100*	210
215													31.5	325.0	37,500	138,600*	215
220													23.8	314.0	34,900	134,100*	220
225													11.0	294.5	31,800	129,500*	225

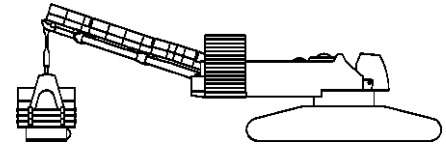
Capacities indicated by (b) require
21,000 Lb. minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
467,800 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

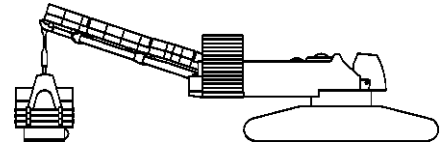
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib 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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
125	57.1	396.4	225,700	270,000*													125
130	53.8	392.6	214,200	262,400*													130
135	50.4	388.4	203,600	254,600*													135
140	46.8	383.6	193,800	246,900*													140
145	43.0	378.1	184,600	239,400*	60.6	394.1	148,900	266,900*b									145
150	38.8	371.8	176,000	232,100*	57.4	390.8	141,800	256,900*									150
155	34.1	364.4	167,900	225,500*	54.2	387.0	135,200	247,500*									155
160	28.7	355.3	160,200	219,800*	50.8	382.9	128,900	238,600*									160
165	22.0	343.5	152,800	215,500*	47.2	378.1	123,100	230,300*									165
170	11.4	323.7	145,200	214,400*	43.4	372.7	117,500	222,400*									170
175					39.2	366.5	112,200	214,900*	57.4	382.5	84,000	195,700*					175
180					34.6	359.2	107,200	207,800*	54.1	378.7	80,000	189,300*					180
185					29.3	350.3	102,300	201,000*	50.7	374.5	76,200	183,200*					185
190					22.8	338.9	97,500	194,400*	47.1	369.8	72,600	177,300*					190
195					13.0	320.7	92,500	187,800*	43.3	364.4	69,100	171,800*					195
200									39.1	358.1	65,800	166,500*					200
205									34.5	350.8	62,600	161,300*					205
210									29.2	341.9	59,400	156,400*	50.1	363.4	37,400	140,900*	210
215									22.7	330.4	56,200	151,500*	46.5	358.5	35,100	136,600*	215
220									12.7	312.0	52,800	146,500*	42.6	352.9	32,900	132,500*	220
225													38.3	346.5	30,800	128,500*	225
230													33.6	339.0	28,700	124,700*	230
235													28.1	329.7	26,600	121,000*	235
240													21.3	317.5	24,400	117,300*	240
245													9.6	295.6	21,800	113,300*	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
 467,800 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

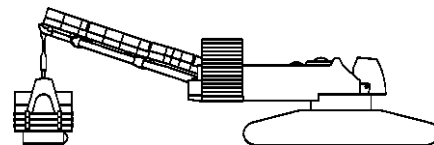
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib 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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
135	57.6	413.8	199,800	235,900*													135
140	54.8	410.2	190,100	229,500*													140
145	52.0	406.2	181,100	222,900*													145
150	49.1	401.8	172,700	216,500*													150
155	46.0	396.8	164,800	210,000*	60.5	411.4	130,300	243,500*									155
160	42.7	391.3	157,500	203,600*	57.8	408.1	124,300	234,800*									160
165	39.2	385.1	150,500	197,600*	55.1	404.6	118,500	226,500*									165
170	35.4	378.0	143,900	192,000*	52.3	400.6	113,200	218,800*									170
175	31.1	369.7	137,700	186,900*	49.4	396.2	108,100	211,400*									175
180	26.2	359.7	131,600	182,600*	46.3	391.4	103,300	204,500*									180
185	20.0	346.7	125,800	179,600*	43.1	385.9	98,700	197,900*	57.8	399.9	71,000	179,000*					185
190	10.2	325.1	119,700	179,400*	39.6	379.8	94,300	191,600*	55.1	396.3	67,500	173,300*					190
195					35.8	372.8	90,100	185,600*	52.3	392.3	64,200	167,900*					195
200					31.6	364.6	86,100	179,800*	49.3	387.9	61,100	162,700*					200
205					26.7	354.9	82,200	174,300*	46.3	383.0	58,100	157,700*					205
210					20.8	342.2	78,300	168,900*	43.0	377.6	55,200	153,000*					210
215					11.7	322.4	74,200	163,500*	39.5	371.4	52,400	148,400*					215
220									35.7	364.4	49,700	144,000*	51.7	381.2	27,600	128,400*	220
225									31.5	356.2	47,000	139,700*	48.8	376.7	25,700	124,600*	225
230									26.6	346.4	44,400	135,500*	45.7	371.7	23,800	120,900*	230
235									20.6	333.7	41,800	131,400*	42.4	366.1	22,000	117,400*	235
240									11.5	313.6	38,900	127,200*	38.8	359.9	20,200	114,000*	240
245													35.0	352.7	18,400	110,700*	245
250													30.7	344.2	16,700	107,500*	250
255													25.7	334.0	15,000	104,300*	255
260													19.3	320.5	13,100	101,200*	260

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
150	55.6	427.7	170,200	202,400*													150
155	53.2	423.8	162,500	197,000*													155
160	50.7	419.7	155,200	191,500*	62.6	431.6	121,000	224,200*									160
165	48.1	415.1	148,400	185,900*	60.4	428.7	115,300	223,700*									165
170	45.4	410.1	142,000	180,500*	58.1	425.5	110,000	216,200*									170
175	42.5	404.5	135,900	175,200*	55.8	422.0	105,000	208,900*									175
180	39.5	398.4	130,100	170,200*	53.4	418.2	100,300	202,000*									180
185	36.3	391.5	124,700	165,400*	50.9	414.1	95,900	195,500*									185
190	32.7	383.7	119,500	161,000*	48.4	409.6	91,600	189,300*									190
195	28.8	374.7	114,500	157,100*	45.7	404.6	87,600	183,400*									195
200	24.2	363.8	109,600	153,900*	42.8	399.1	83,700	177,800*	55.8	413.7	57,700	160,000*					200
205	18.5	349.7	104,900	151,800*	39.8	393.1	80,000	172,400*	53.4	409.9	54,800	155,100*					205
210	9.4	326.4	99,900	152,000*	36.6	386.3	76,500	167,300*	50.9	405.8	52,000	150,400*					210
215					33.1	378.6	73,100	162,300*	48.3	401.2	49,300	146,000*					215
220					29.2	369.7	69,800	157,600*	45.6	396.3	46,800	141,600*					220
225					24.7	359.0	66,600	153,000*	42.8	390.8	44,300	137,400*					225
230					19.2	345.4	63,400	148,500*	39.8	384.7	41,900	133,400*	52.9	398.8	20,300	118,200*	230
235					10.8	324.0	59,900	144,000*	36.6	377.9	39,600	129,600*	50.4	394.6	18,500	114,700*	235
240									33.0	370.2	37,400	125,900*	47.8	390.0	16,900	111,400*	240
245									29.1	361.3	35,200	122,300*	45.1	384.9	15,300	108,200*	245
250									24.6	350.6	33,000	118,800*	42.3	379.4	13,700	105,100*	250
255									19.1	336.8	30,800	115,300*	39.2	373.2	12,200	102,100*	255
260									10.5	315.1	28,300	111,800*	35.9	366.2	10,700	99,200*	260
270													28.4	349.1	7,700	93,100*	270
280													17.8	323.4	4,700	87,200*	280

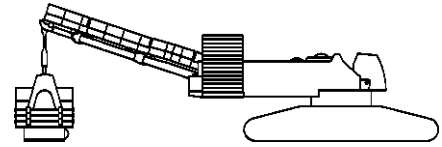


Liftcrane Luffing Jib Capacities

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
 467,800 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

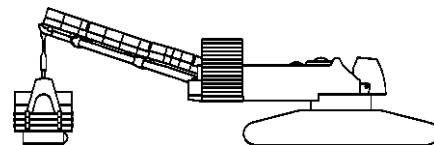
Jib Oper. Rad. Feet	80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib 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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
160	56.1	445.1	151,100	178,200*													160
165	54.0	441.4	144,300	173,700*													165
170	51.9	437.4	138,000	169,100*	62.3	449.0	105,000	196,600*									170
175	49.6	433.1	132,000	164,500*	60.4	446.0	100,100	196,600*									175
180	47.3	428.4	126,400	160,000*	58.4	442.9	95,400	196,600*									180
185	44.9	423.3	121,000	155,500*	56.3	439.5	91,100	191,600*									185
190	42.4	417.7	116,000	151,100*	54.2	435.8	86,900	185,500*									190
195	39.7	411.7	111,100	146,900*	52.1	431.8	83,000	179,700*									195
200	36.9	405.0	106,500	142,900*	49.9	427.5	79,200	174,100*									200
205	33.9	397.5	102,200	139,200*	47.6	422.9	75,600	168,900*									205
210	30.6	389.1	97,900	135,800*	45.2	417.8	72,200	163,800*	56.3	431.2	46,700	146,300*					210
215	26.9	379.3	93,900	132,800*	42.7	412.3	69,000	159,000*	54.2	427.5	44,100	141,900*					215
220	22.6	367.6	89,900	130,400*	40.0	406.3	65,800	154,300*	52.0	423.5	41,700	137,700*					220
225	17.2	352.5	86,000	128,900*	37.2	399.7	62,800	149,900*	49.8	419.2	39,300	133,600*					225
230	8.7	327.5	81,800	129,500*	34.2	392.3	59,900	145,600*	47.5	414.5	37,100	129,600*					230
235					31.0	384.0	57,100	141,500*	45.1	409.5	34,900	125,900*					235
240					27.3	374.4	54,400	137,500*	42.6	404.0	32,800	122,300*					240
245					23.1	362.9	51,700	133,600*	40.0	398.0	30,700	118,800*	51.6	412.4	9,900	103,300*	245
250					17.9	348.3	48,900	129,700*	37.2	391.3	28,800	115,400*	49.4	408.0	8,400	100,100*	250
255					10.0	325.4	46,000	125,800*	34.2	383.9	26,800	112,200*	47.1	403.3	7,000	97,000*	255
260									30.9	375.6	24,900	109,000*	44.7	398.2	5,600	93,900*	260
270									23.0	354.5	21,200	103,000*	39.5	386.5	3,000	88,200*	270
280									9.8	316.5	17,200	97,000*	33.6	372.1	400	82,700*	280
290													26.5	353.7		77,500*	290
300													16.6	326.1		72,400*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
175	54.7	458.9	129,200	154,300*													175
180	52.8	455.0	123,600	150,500*	62.1	466.3	91,900	175,600*									180
185	50.8	450.9	118,300	146,600*	60.3	463.3	87,600	175,600*									185
190	48.8	446.5	113,300	142,800*	58.5	460.2	83,500	175,600*									190
195	46.7	441.7	108,500	138,900*	56.7	456.9	79,600	174,200*									195
200	44.5	436.5	104,000	135,200*	54.9	453.3	75,900	171,200*									200
205	42.3	431.0	99,700	131,500*	53.0	449.4	72,400	166,200*									205
210	39.9	424.9	95,600	128,000*	51.0	445.3	69,000	161,200*									210
215	37.4	418.4	91,700	124,600*	49.0	440.9	65,800	156,400*									215
220	34.8	411.1	87,900	121,500*	46.9	436.2	62,800	151,900*	56.7	448.6	38,000	134,800*					220
225	31.9	403.1	84,300	118,500*	44.8	431.1	59,900	147,500*	54.8	445.0	35,700	130,700*					225
230	28.8	394.1	80,800	115,900*	42.5	425.5	57,000	143,300*	52.9	441.1	33,500	126,900*					230
235	25.3	383.6	77,400	113,600*	40.2	419.6	54,300	139,200*	51.0	437.0	31,400	123,200*					235
240	21.3	371.2	74,000	111,800*	37.7	413.1	51,700	135,300*	49.0	432.6	29,300	119,600*					240
245	16.2	355.1	70,700	110,800*	35.1	405.9	49,200	131,500*	46.9	427.9	27,400	116,200*					245
250	8.1	328.7	67,200	111,400*	32.2	398.0	46,800	127,900*	44.7	422.7	25,500	112,900*					250
255					29.2	389.0	44,400	124,300*	42.5	417.2	23,600	109,700*	52.6	430.0	3,200	93,100*	255
260					25.7	378.8	42,100	120,900*	40.1	411.2	21,900	106,600*	50.6	425.9	1,900	90,100*	260
270					16.8	351.0	37,400	114,200*	35.0	397.5	18,500	100,800*	46.5	416.6		84,500*	270
280									29.1	380.6	15,200	95,300*	42.1	405.8		79,200*	280
290									21.7	358.1	12,000	90,100*	37.2	393.1		74,200*	290
300									9.1	317.8	8,600	84,500*	31.7	377.7		69,500*	300
310													25.0	357.9		65,000*	310
320													15.6	328.6		60,500*	320

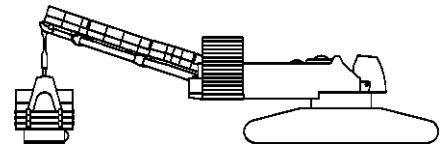


Liftcrane Luffing Jib Capacities

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
 467,800 Lb. Hanging Counterweight
 at 59 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



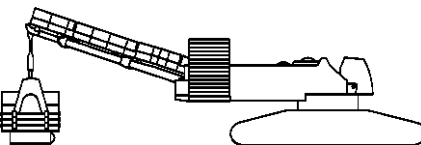
300 Ft. Boom, 210 Ft. Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
185	55.2	476.4	114,100	136,700*												185	
190	53.5	472.6	109,100	133,500*	61.9	483.6	78,500	155,600*								190	
195	51.8	468.6	104,400	130,300*	60.3	480.7	74,600	155,600*								195	
200	50.0	464.4	99,900	127,000*	58.7	477.6	71,000	155,600*								200	
205	48.1	459.8	95,700	123,800*	57.1	474.3	67,500	154,800*								205	
210	46.2	455.0	91,700	120,600*	55.4	470.7	64,200	152,400*								210	
215	44.3	449.8	87,800	117,400*	53.7	467.0	61,100	149,800*								215	
220	42.2	444.2	84,100	114,400*	51.9	463.0	58,100	147,000*								220	
225	40.1	438.2	80,600	111,400*	50.2	458.8	55,200	143,800*								225	
230	37.8	431.7	77,200	108,600*	48.3	454.3	52,500	139,700*	57.0	466.0	28,200	122,800*				230	
235	35.5	424.7	73,900	105,900*	46.4	449.5	49,900	135,700*	55.4	462.5	26,200	119,100*				235	
240	33.0	417.0	70,800	103,400*	44.5	444.3	47,300	131,900*	53.6	458.7	24,200	115,600*				240	
245	30.3	408.4	67,800	101,100*	42.4	438.8	44,900	128,100*	51.9	454.7	22,300	112,200*				245	
250	27.3	398.8	64,800	99,000*	40.3	432.8	42,500	124,500*	50.1	450.5	20,500	109,000*				250	
255	24.0	387.7	61,900	97,300*	38.1	426.4	40,300	121,100*	48.3	446.0	18,700	105,900*				255	
260	20.2	374.6	59,100	95,900*	35.7	419.4	38,100	117,700*	46.4	441.1	17,000	102,800*				260	
270	7.6	329.8	53,200	96,000*	30.6	403.3	33,900	111,400*	42.4	430.4	13,800	97,100*	51.6	443.6	78,900*	270	
280					24.4	383.0	29,900	105,400*	38.0	418.0	10,700	91,400*	47.9	434.7	73,800*	280	
290					15.9	353.7	25,900	99,600*	33.2	403.4	7,800	85,900*	44.1	424.6	69,000*	290	
300									27.6	385.4	5,100	80,700*	39.9	413.0	64,500*	300	
310									20.5	361.5	2,300	75,600*	35.3	399.3	60,200*	310	
320									8.6	319.1		70,500*	30.0	382.9	56,100*	320	
330													23.7	362.0	52,100*	330	
340													14.8	331.0	48,200*	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
467,800 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	80 Degree Boom Angle				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	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
195	55.6	493.8	101,300	121,700*													195
200	54.1	490.1	96,900	119,000*	61.7	500.9	67,400	138,300*									200
205	52.5	486.3	92,600	116,200*	60.3	498.0	64,000	138,300*									205
210	50.9	482.1	88,600	113,500*	58.8	494.9	60,700	138,300*									210
215	49.2	477.8	84,800	110,700*	57.3	491.6	57,600	138,000*									215
220	47.6	473.1	81,200	108,000*	55.8	488.2	54,600	136,100*									220
225	45.8	468.2	77,700	105,300*	54.3	484.5	51,800	134,000*									225
230	44.0	463.0	74,300	102,700*	52.7	480.6	49,100	131,700*									230
235	42.1	457.4	71,100	100,200*	51.1	476.6	46,500	129,400*									235
240	40.2	451.5	68,100	97,700*	49.4	472.2	44,000	126,900*	57.3	483.3	20,400	112,700*					240
245	38.2	445.0	65,100	95,300*	47.7	467.6	41,600	124,400*	55.8	479.9	18,500	109,300*					245
250	36.1	438.1	62,200	93,000*	46.0	462.7	39,300	121,900*	54.2	476.2	16,800	106,100*					250
255	33.8	430.7	59,500	90,900*	44.2	457.5	37,100	118,500*	52.7	472.4	15,000	103,000*					255
260	31.4	422.5	56,800	88,900*	42.3	452.0	35,000	115,200*	51.0	468.2	13,400	99,800*					260
270	26.0	403.3	51,700	85,400*	38.4	439.7	30,900	109,000*	47.7	459.3	10,200	93,600*					270
280	19.2	377.8	46,800	83,100*	34.1	425.5	27,100	103,100*	44.2	449.2	7,300	87,900*	52.4	461.3	69,800*		280
290	7.2	330.8	41,700	83,500*	29.1	408.4	23,500	97,600*	40.4	437.7	4,500	82,500*	49.1	452.7	65,100*		290
300					23.2	386.9	20,000	92,400*	36.2	424.5	1,900	77,400*	45.6	443.1	60,700*		300
310					15.2	356.1	16,500	87,400*	31.6	409.0		72,600*	42.0	432.2	56,500*		310
320									26.3	390.0		68,000*	38.0	419.8	52,500*		320
330									19.5	364.8		63,500*	33.6	405.3	48,800*		330
340									8.2	320.3		58,900*	28.6	387.9	45,200*		340
350													22.5	365.8	41,700*		350
360													14.1	333.3	38,100*		360