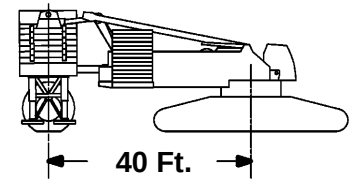


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
860,000 Lb. Wheeled Counterweight
at 40 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



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

Luffing Jib Backward Stability: Capacities indicated by (b) require 21,000 Lb. minimum weight suspended beneath luffing jib point. Capacities indicated by (c) require 37,000 Lb. minimum weight suspended beneath luffing jib point. Capacities indicated by (d) require 56,000 Lb. minimum weight suspended beneath luffing jib point. **Caution: Do not luff into areas indicated by (b), (c) or (d) 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.

Wheeled counterweight must be attached to shear frame and MAX-ER mode must be selected to operate. Swing and travel (forward or side crawl) requires proper position of counterweight wheels when contacting ground. Refer to operators manual for wheel positioning. Exit MAX-ER mode before operating without wheeled counterweight.

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

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

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with mast up and bearing turntable level within a tolerance of 1/2 in. in 10 Ft. and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. 87 degree boom angle requires 200 Ft. minimum boom length. Refer to luffing jib assembly **No. A08238**, Wire Rope Specification chart **No. 8592-A or 8592-B**, Counterweight Arrangement chart **No. 8577-A** and Luffing Jib Raising Procedure chart **No. 8596-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface and boom and luffing jib within angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8594-A**.

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

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

MACHINE EQUIPMENT: Machine equipped with 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 860,000 Lb. wheeled counterweight.

WARNING: Check amount of wheeled 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

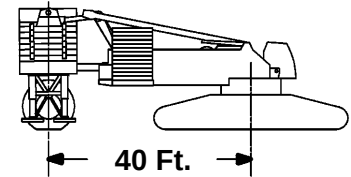
Deduct 1,300 Lbs. from capacities when boom and/or jib catwalks are attached.

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
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



160 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
55	72.3	255.3	737,700* b													55
60	68.9	253.2	717,000* b													60
65	65.3	250.8	698,700* b													65
70	61.7	247.9	681,700*													70
75	57.9	244.6	665,700*													75
80	53.9	240.9	602,700*	64.5	248.0	646,500* b										80
85	49.7	236.5	549,900*	60.8	245.0	607,400*										85
90	45.1	231.3	504,900*	57.0	241.6	572,400*										90
95	40.1	225.3	466,000*	52.9	237.7	541,000*										95
100	34.5	217.9	416,700*	48.6	233.2	512,600*	59.8	240.7	498,400*							100
105	27.7	208.5	354,000*	44.0	227.9	486,800*	55.9	237.2	473,400*							105
110	18.4	194.8	289,100*	38.9	221.5	458,400*	51.8	233.1	450,600*							110
115				33.0	213.8	425,400*	47.4	228.4	429,700*							115
120				25.9	203.7	363,500*	42.6	222.8	410,400*	54.5	231.3	398,900*				120
125				15.3	187.9	292,300*	37.3	216.2	392,600*	50.3	227.0	381,700*				125
130							31.2	207.9	376,000*	45.8	222.0	365,700*				130
135							23.4	196.8	360,400*	40.8	216.1	350,900*	52.6	223.8	330,800*	135
140							9.9	176.1	284,700*	35.3	208.9	335,800*	48.3	219.2	316,600*	140
145										28.7	199.9	321,500*	43.7	213.8	303,300*	145
150										20.0	187.1	307,900*	38.5	207.4	290,900*	150
155													32.6	199.6	279,100*	155
160													25.3	189.3	267,900*	160
165													14.2	172.6	256,900*	165

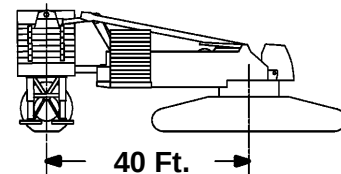
Capacities indicated by **(b)** require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

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
860,000 Lb. Wheeled Counterweight
at 40 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



160 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	72.9	274.7	658,100*(b)													60
65	70.1	272.8	641,800*(b)													65
70	67.3	270.6	626,300*(b)													70
75	64.4	268.1	611,600*													75
80	61.4	265.2	598,000*													80
85	58.3	262.0	562,700*	66.6	267.9	605,600*										85
90	55.1	258.4	516,900*	63.7	265.3	570,800*										90
95	51.7	254.3	477,400*	60.7	262.3	539,600*										95
100	48.2	249.7	443,000*	57.5	259.0	511,300*										100
105	44.4	244.5	412,700*	54.3	255.3	485,700*	62.8	261.1	471,500*							105
110	40.4	238.6	385,900*	50.9	251.1	462,400*	59.8	258.1	448,900*							110
115	35.9	231.6	361,800*	47.3	246.4	436,100*	56.7	254.7	428,100*							115
120	30.8	223.2	336,900*	43.5	241.0	406,800*	53.4	250.8	409,000*							120
125	24.7	212.6	288,100*	39.4	234.9	380,700*	49.9	246.5	391,400*							125
130	16.3	197.2	236,600*	34.8	227.6	357,200*	46.3	241.6	375,100*	55.5	248.8	364,000*				130
135				29.5	218.8	336,000*	42.4	236.0	359,900*	52.2	244.8	349,000*				135
140				23.1	207.5	298,800*	38.1	229.6	345,800*	48.7	240.3	334,200*				140
145				13.5	189.8	241,000*	33.4	221.9	332,500*	45.0	235.2	320,400*				145
150							27.9	212.6	320,100*	40.9	229.3	307,400*	50.7	237.2	288,800*	150
155							20.9	200.1	306,400*	36.5	222.5	295,300*	47.1	232.5	277,400*	155
160							8.6	177.0	236,100*	31.6	214.4	283,800*	43.2	227.0	266,700*	160
165										25.7	204.2	272,900*	39.1	220.8	256,600*	165
170										17.7	189.8	262,400*	34.5	213.4	247,100*	170
175													29.1	204.5	238,000*	175
180													22.6	192.9	229,200*	180
185													12.5	174.3	220,500*	185

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

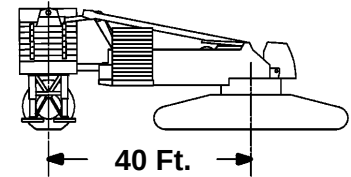


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



160 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
70	71.0	292.3	570,000*													70
75	68.6	290.3	557,400*													75
80	66.2	288.0	545,500*													80
85	63.7	285.4	526,900*													85
90	61.2	282.5	504,000*													90
95	58.5	279.4	480,900*	65.6	285.2	536,300*										95
100	55.9	275.9	446,300*	63.1	282.6	508,200*										100
105	53.1	272.0	415,800*	60.6	279.6	482,700*										105
110	50.2	267.8	388,900*	57.9	276.4	459,500*										110
115	47.2	263.0	364,800*	55.2	272.8	438,200*	62.4	278.4	424,700*							115
120	43.9	257.7	343,200*	52.4	268.9	409,600*	59.8	275.4	405,700*							120
125	40.5	251.8	323,600*	49.5	264.5	383,400*	57.2	272.1	388,200*							125
130	36.8	245.1	305,800*	46.4	259.7	360,000*	54.5	268.4	372,000*							130
135	32.8	237.3	289,500*	43.2	254.2	338,900*	51.6	264.3	357,000*							135
140	28.1	228.0	266,400*	39.7	248.1	319,800*	48.7	259.8	343,000*	56.2	266.3	329,800*				140
145	22.5	216.3	230,500*	35.9	241.2	302,400*	45.5	254.8	330,000*	53.5	262.5	316,100*				145
150	14.8	199.4	191,500*	31.7	233.1	286,500*	42.2	249.2	317,700*	50.6	258.3	303,400*				150
155				26.9	223.4	271,800*	38.7	242.9	306,200*	47.6	253.6	291,500*				155
160				21.0	210.9	240,500*	34.8	235.7	295,400*	44.4	248.4	280,300*	52.2	255.0	262,300*	160
165				12.2	191.5	196,400*	30.5	227.2	282,800*	41.0	242.6	269,700*	49.3	250.6	252,400*	165
170							25.4	216.9	268,400*	37.4	235.9	259,800*	46.2	245.7	243,100*	170
175							19.0	203.2	248,200*	33.4	228.3	250,400*	43.0	240.2	234,200*	175
180							7.6	177.9	193,900*	28.8	219.3	241,400*	39.5	234.1	225,900*	180
185										23.4	208.0	232,800*	35.7	227.1	218,000*	185
190										16.1	192.3	224,500*	31.4	218.9	210,400*	190
195													26.6	209.0	203,100*	195
200													20.5	196.3	196,100*	200
205													11.3	175.9	189,000*	205

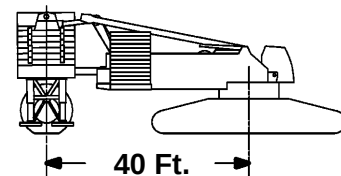
Capacities indicated by (b) require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

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
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



160 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
75	71.6	311.8	501,700*													75
80	69.5	309.8	490,800*													80
85	67.5	307.7	475,300*													85
90	65.4	305.3	459,000*													90
95	63.2	302.7	442,000*													95
100	61.0	299.8	424,500*	67.0	305.0	485,300*										100
105	58.7	296.7	406,900*	64.9	302.5	475,200*										105
110	56.4	293.3	389,100*	62.7	299.9	457,300*										110
115	54.1	289.6	366,900*	60.5	297.0	436,100*										115
120	51.6	285.6	345,100*	58.2	293.8	411,900*										120
125	49.1	281.1	325,500*	55.9	290.3	385,500*	62.1	295.7	385,900*							125
130	46.4	276.3	307,600*	53.5	286.5	361,900*	59.9	292.7	369,800*							130
135	43.6	271.0	291,400*	51.0	282.4	340,700*	57.6	289.5	354,800*							135
140	40.7	265.0	276,500*	48.5	277.9	321,500*	55.2	285.9	340,900*							140
145	37.5	258.5	262,700*	45.8	272.9	304,100*	52.8	282.0	327,900*							145
150	34.1	251.1	250,000*	42.9	267.5	288,200*	50.3	277.8	315,800*	56.8	283.7	300,400*				150
155	30.3	242.5	238,200*	39.9	261.4	273,600*	47.7	273.1	304,400*	54.4	280.0	288,600*				155
160	26.0	232.4	216,600*	36.7	254.7	260,100*	45.0	268.1	293,700*	52.0	276.0	277,500*				160
165	20.8	219.7	188,900*	33.2	247.0	247,700*	42.1	262.5	283,600*	49.4	271.7	267,100*				165
170	13.6	201.5	158,000*	29.4	238.1	236,100*	39.1	256.2	270,000*	46.8	266.9	257,300*				170
175				24.9	227.6	225,200*	35.8	249.2	256,900*	44.0	261.6	248,000*	50.9	268.5	231,300*	175
180				19.4	214.1	198,100*	32.2	241.3	244,800*	41.1	255.8	239,300*	48.3	263.9	223,100*	180
185				11.2	193.1	163,100*	28.2	232.0	233,400*	38.0	249.3	231,000*	45.6	258.9	215,300*	185
190							23.5	220.8	222,800*	34.6	242.0	223,100*	42.7	253.4	207,900*	190
195							17.5	206.0	205,700*	30.9	233.7	215,500*	39.7	247.4	200,900*	195
200							6.9	178.7	162,100*	26.6	223.8	208,300*	36.5	240.6	194,200*	200
205										21.6	211.6	201,400*	33.0	232.8	187,800*	205
210										14.8	194.6	194,600*	29.1	223.9	181,600*	210
215													24.6	213.1	175,700*	215
220													19.0	199.4	169,900*	220
225													10.3	177.4	164,100*	225

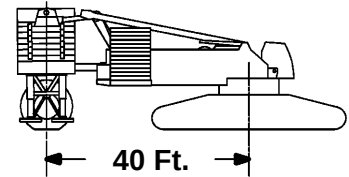


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



160 Ft. Boom, 170 Ft. Luffing Jib

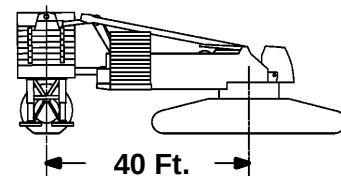
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
80	72.1	331.2	433,600*													80
85	70.3	329.4	423,500*													85
90	68.4	327.3	412,400*													90
95	66.6	325.1	400,400*													95
100	64.7	322.7	387,800*													100
105	62.8	320.0	374,800*													105
110	60.9	317.1	361,400*	66.2	322.4	420,100*										110
115	58.9	314.1	347,900*	64.3	319.9	410,200*										115
120	56.9	310.7	334,400*	62.4	317.2	400,300*										120
125	54.8	307.1	321,100*	60.4	314.3	384,800*										125
130	52.7	303.2	306,700*	58.4	311.1	361,000*										130
135	50.5	299.0	290,400*	56.4	307.7	339,700*	61.8	313.0	351,300*							135
140	48.2	294.5	275,500*	54.3	304.1	320,500*	59.9	310.0	337,400*							140
145	45.8	289.5	261,800*	52.2	300.1	303,000*	57.9	306.8	324,500*							145
150	43.3	284.2	249,100*	49.9	295.8	287,100*	55.8	303.4	312,500*							150
155	40.7	278.3	237,400*	47.6	291.2	272,500*	53.7	299.6	301,100*							155
160	38.0	271.8	226,500*	45.3	286.1	259,100*	51.5	295.6	290,500*	57.2	301.1	272,800*				160
165	35.0	264.7	216,400*	42.8	280.7	246,700*	49.3	291.2	280,500*	55.1	297.5	262,500*				165
170	31.9	256.6	206,900*	40.1	274.7	235,200*	47.0	286.4	268,800*	53.0	293.7	252,800*				170
175	28.3	247.4	197,600*	37.3	268.1	224,500*	44.6	281.3	255,700*	50.8	289.5	243,700*				175
180	24.3	236.5	177,700*	34.3	260.7	214,500*	42.0	275.7	243,600*	48.5	285.0	235,000*				180
185	19.4	222.9	155,500*	31.1	252.4	205,200*	39.4	269.5	232,400*	46.2	280.1	226,800*	52.0	286.2	210,600*	185
190	12.6	203.5	130,400*	27.4	242.9	196,400*	36.5	262.7	221,900*	43.7	274.8	219,100*	49.8	281.9	203,400*	190
195				23.3	231.5	187,100*	33.5	255.1	212,200*	41.1	269.0	211,700*	47.5	277.2	196,400*	195
200				18.1	217.0	164,100*	30.1	246.5	203,000*	38.4	262.7	204,700*	45.1	272.2	189,900*	200
205				10.4	194.6	135,400*	26.3	236.5	194,400*	35.5	255.6	198,000*	42.6	266.7	183,600*	205
210							21.9	224.5	185,400*	32.3	247.7	191,600*	39.9	260.6	177,600*	210
215							16.3	208.6	171,300*	28.8	238.6	185,400*	37.1	254.0	171,900*	215
220							6.3	179.4	135,400*	24.9	228.1	179,500*	34.1	246.6	166,400*	220
225										20.2	215.0	173,800*	30.8	238.2	161,100*	225
230										13.8	196.8	168,100*	27.2	228.5	156,000*	230
235													22.9	217.0	151,100*	235
240													17.7	202.2	146,300*	240
245													9.6	178.7	141,300*	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
860,000 Lb. Wheeled Counterweight
at 40 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



160 Ft. Boom, 190 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	72.4	350.7	374,700*													85
90	70.8	348.9	367,400*													90
95	69.2	346.9	359,200*													95
100	67.6	344.8	350,600*													100
105	65.9	342.5	341,300*													105
110	64.2	340.0	331,600*													110
115	62.5	337.3	321,400*	67.2	342.1	359,300*										115
120	60.8	334.5	310,900*	65.5	339.7	353,100*										120
125	59.0	331.4	300,600*	63.8	337.2	346,700*										125
130	57.2	328.1	290,100*	62.1	334.5	339,900*										130
135	55.4	324.6	279,700*	60.4	331.6	332,500*										135
140	53.5	320.8	269,400*	58.6	328.5	319,600*										140
145	51.5	316.8	259,400*	56.8	325.1	302,100*	61.6	330.3	322,000*							145
150	49.5	312.4	248,100*	54.9	321.5	286,100*	59.9	327.4	310,000*							150
155	47.5	307.8	236,400*	53.0	317.7	271,400*	58.1	324.2	298,700*							155
160	45.4	302.8	225,500*	51.1	313.6	258,000*	56.3	320.8	288,100*							160
165	43.1	297.4	215,400*	49.1	309.2	245,600*	54.4	317.1	278,100*							165
170	40.8	291.5	206,000*	47.0	304.5	234,100*	52.5	313.2	267,600*	57.5	318.5	249,500*				170
175	38.4	285.2	197,100*	44.9	299.4	223,400*	50.5	309.0	254,500*	55.6	315.0	240,400*				175
180	35.8	278.2	188,800*	42.6	293.9	213,500*	48.5	304.5	242,400*	53.7	311.2	231,800*				180
185	33.0	270.5	181,000*	40.3	287.9	204,200*	46.4	299.7	231,200*	51.8	307.2	223,700*				185
190	30.0	261.8	173,300*	37.8	281.4	195,500*	44.2	294.5	220,800*	49.8	303.0	216,000*				190
195	26.7	252.0	164,800*	35.2	274.3	187,300*	42.0	288.9	211,000*	47.8	298.4	208,700*	52.9	303.8	193,100*	195
200	22.9	240.4	147,600*	32.3	266.4	179,600*	39.6	282.8	201,900*	45.7	293.4	201,800*	51.0	299.7	186,600*	200
205	18.3	226.0	129,400*	29.3	257.5	172,300*	37.1	276.1	193,400*	43.5	288.0	195,100*	48.9	295.3	180,400*	205
210	11.9	205.3	108,500*	25.8	247.3	164,700*	34.4	268.8	185,400*	41.1	282.3	188,800*	46.9	290.5	174,500*	210
215				21.9	235.2	156,800*	31.5	260.6	177,800*	38.7	276.0	182,800*	44.7	285.4	168,800*	215
220				17.0	219.8	137,300*	28.4	251.4	170,700*	36.2	269.1	177,100*	42.5	279.9	163,400*	220
225				9.7	196.1	113,300*	24.8	240.8	163,400*	33.4	261.5	171,500*	40.1	273.9	158,300*	225
230							20.6	227.9	156,100*	30.4	253.0	166,200*	37.6	267.4	153,300*	230
235							15.4	211.1	144,200*	27.2	243.3	161,100*	35.0	260.2	148,600*	235
240							5.9	180.1	114,000*	23.4	232.0	156,200*	32.1	252.2	144,000*	240
245										19.0	218.1	151,300*	29.1	243.2	139,600*	245
250										13.0	198.8	146,500*	25.6	232.9	135,300*	250
255													21.6	220.6	131,100*	255
260													16.6	204.9	127,000*	260

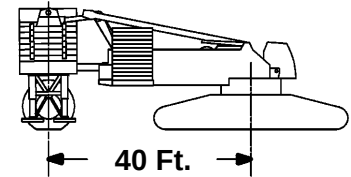


Liftcrane Luffing Jib Capacities

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
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



160 Ft. Boom, 210 Ft. Luffing Jib

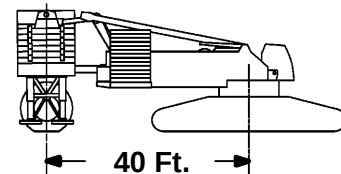
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
90	72.7	370.1	324,700*													90
95	71.3	368.3	319,300*													95
100	69.8	366.4	313,300*													100
105	68.4	364.4	306,700*													105
110	66.9	362.2	299,900*													110
115	65.4	359.9	292,600*													115
120	63.8	357.3	284,900*													120
125	62.3	354.6	277,000*	66.5	359.5	312,600*										125
130	60.7	351.8	269,000*	65.0	357.1	306,300*										130
135	59.1	348.7	260,700*	63.5	354.5	299,900*										135
140	57.5	345.5	252,500*	61.9	351.8	293,200*										140
145	55.8	342.0	244,400*	60.3	348.9	286,200*										145
150	54.1	338.4	236,300*	58.7	345.8	279,100*										150
155	52.4	334.4	228,300*	57.1	342.5	268,700*	61.5	347.6	290,400*							155
160	50.6	330.3	220,400*	55.4	339.0	255,300*	59.9	344.7	284,300*							160
165	48.8	325.8	212,900*	53.7	335.3	242,900*	58.3	341.5	274,200*							165
170	46.9	321.1	203,500*	52.0	331.3	231,400*	56.6	338.2	264,000*							170
175	45.0	316.0	194,600*	50.2	327.1	220,700*	55.0	334.6	251,800*							175
180	43.0	310.6	186,400*	48.4	322.6	210,800*	53.3	330.8	239,600*	57.7	335.8	227,100*				180
185	40.9	304.8	178,600*	46.5	317.8	201,600*	51.5	326.8	228,400*	56.1	332.4	219,100*				185
190	38.7	298.5	171,300*	44.5	312.6	192,900*	49.7	322.5	218,000*	54.4	328.8	211,400*				190
195	36.4	291.6	164,400*	42.5	307.1	184,800*	47.9	317.9	208,300*	52.6	324.9	204,200*				195
200	33.9	284.2	157,900*	40.4	301.2	177,200*	45.9	313.0	199,300*	50.9	320.7	197,300*				200
205	31.3	276.0	151,400*	38.2	294.8	170,000*	44.0	307.7	190,800*	49.1	316.4	190,800*				205
210	28.4	266.8	145,000*	35.8	287.8	163,200*	41.9	302.1	182,800*	47.2	311.7	184,600*	51.9	317.4	169,800*	210
215	25.3	256.3	136,800*	33.3	280.2	156,700*	39.8	296.1	175,300*	45.3	306.6	178,600*	50.1	313.2	164,200*	215
220	21.7	244.1	122,200*	30.7	271.8	150,600*	37.5	289.5	168,200*	43.3	301.3	172,900*	48.2	308.6	158,900*	220
225	17.3	228.8	106,900*	27.7	262.3	144,300*	35.1	282.4	161,600*	41.2	295.5	167,500*	46.4	303.8	153,800*	225
230	11.2	207.1	89,200*	24.5	251.5	138,100*	32.6	274.5	155,200*	39.0	289.3	162,300*	44.4	298.6	148,900*	230
235				20.7	238.7	131,000*	29.9	265.9	149,200*	36.7	282.5	157,300*	42.4	293.1	144,200*	235
240				16.1	222.4	114,300*	26.9	256.1	143,200*	34.3	275.2	152,500*	40.2	287.1	139,700*	240
245				9.2	197.4	93,900*	23.5	244.8	137,100*	31.7	267.1	147,800*	38.0	280.7	135,400*	245
250							19.6	231.2	131,100*	28.9	258.0	143,400*	35.7	273.7	131,300*	250
255							14.5	213.4	120,800*	25.7	247.8	139,000*	33.2	266.0	127,300*	255
260							5.5	180.8	95,000*	22.2	235.8	134,800*	30.5	257.5	123,400*	260
270										12.3	200.7	123,600*	24.3	237.1	116,000*	270
280													15.7	207.5	108,800*	280

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
860,000 Lb. Wheeled Counterweight
at 40 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



160 Ft. Boom, 230 Ft. Luffing Jib

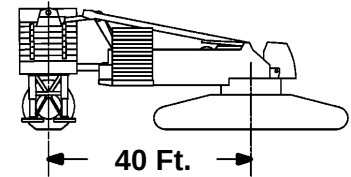
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	73.0	389.5	279,700*													95
100	71.7	387.8	278,300*													100
105	70.3	386.0	273,800*													105
110	69.0	384.0	269,000*													110
115	67.6	381.9	263,800*													115
120	66.3	379.6	258,300*													120
125	64.9	377.2	252,700*													125
130	63.5	374.7	246,700*	67.3	379.2	270,800*										130
135	62.1	372.0	240,600*	66.0	376.9	266,600*										135
140	60.6	369.1	234,300*	64.6	374.5	260,600*										140
145	59.2	366.1	227,900*	63.2	371.9	254,400*										145
150	57.7	362.8	221,300*	61.8	369.1	248,100*										150
155	56.2	359.4	215,000*	60.3	366.2	241,700*										155
160	54.7	355.8	208,600*	58.9	363.1	235,200*	62.8	367.7	251,100*							160
165	53.1	352.0	202,200*	57.4	359.9	228,700*	61.4	365.0	245,600*							165
170	51.5	348.0	195,900*	55.9	356.4	222,200*	59.9	362.0	239,700*							170
175	49.9	343.7	189,800*	54.3	352.8	215,700*	58.4	358.9	233,700*							175
180	48.2	339.2	183,900*	52.7	348.9	208,900*	56.9	355.6	227,600*							180
185	46.5	334.4	176,700*	51.1	344.9	199,600*	55.4	352.1	221,400*							185
190	44.7	329.3	169,400*	49.5	340.5	190,900*	53.9	348.4	215,100*	57.9	353.2	208,000*				190
195	42.8	323.8	162,500*	47.8	335.9	182,800*	52.3	344.4	206,300*	56.4	349.8	200,800*				195
200	40.9	318.0	156,000*	46.1	331.0	175,200*	50.7	340.3	197,200*	54.9	346.2	193,900*				200
205	38.9	311.8	149,800*	44.3	325.9	168,000*	49.0	335.9	188,700*	53.3	342.5	187,400*				205
210	36.8	305.1	144,000*	42.4	320.3	161,200*	47.3	331.2	180,700*	51.7	338.5	181,200*				210
215	34.7	297.8	138,400*	40.5	314.4	154,800*	45.6	326.2	173,200*	50.1	334.2	175,300*				215
220	32.3	289.9	133,000*	38.5	308.1	148,700*	43.7	321.0	166,200*	48.4	329.7	169,700*	52.6	335.0	155,400*	220
225	29.8	281.2	127,500*	36.4	301.3	142,900*	41.9	315.3	159,500*	46.7	325.0	164,300*	51.0	330.9	150,400*	225
230	27.1	271.5	122,200*	34.1	293.9	137,500*	39.9	309.3	153,200*	44.9	319.9	159,100*	49.4	326.6	145,500*	230
235	24.1	260.5	114,000*	31.8	285.8	132,200*	37.9	302.9	147,300*	43.1	314.5	154,200*	47.7	322.0	140,900*	235
240	20.6	247.6	101,600*	29.2	276.9	126,900*	35.7	295.9	141,600*	41.2	308.7	149,400*	45.9	317.1	136,500*	240
245	16.5	231.6	88,500*	26.4	266.9	121,700*	33.5	288.3	136,200*	39.2	302.6	144,900*	44.1	311.9	132,200*	245
250	10.6	208.7	73,200*	23.3	255.5	116,600*	31.1	280.0	131,100*	37.1	295.9	140,500*	42.3	306.3	128,100*	250
255				19.8	242.0	109,700*	28.5	270.8	126,000*	35.0	288.7	136,300*	40.3	300.4	124,100*	255
260				15.3	224.9	95,500*	25.6	260.5	120,800*	32.7	280.9	132,200*	38.3	294.0	120,300*	260
270							18.6	234.3	110,800*	27.5	262.8	124,400*	34.0	279.7	113,100*	270
280							5.2	181.4	79,200*	21.2	239.4	114,600*	29.0	262.6	106,300*	280
290										11.6	202.6	104,500*	23.1	241.0	99,900*	290
300													15.0	210.0	93,700*	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
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



160 Ft. Boom, 250 Ft. Luffing Jib

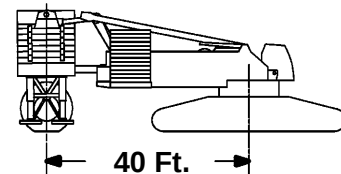
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
105	72.0	407.2	240,500*													105
110	70.8	405.4	239,600*													110
115	69.5	403.5	235,900*													115
120	68.3	401.5	231,900*													120
125	67.0	399.3	227,800*													125
130	65.8	397.0	223,400*													130
135	64.5	394.6	218,900*													135
140	63.2	392.0	214,200*	66.8	396.6	231,400*										140
145	61.9	389.3	209,400*	65.5	394.3	229,000*										145
150	60.6	386.4	204,300*	64.2	391.8	223,400*										150
155	59.3	383.4	198,400*	62.9	389.2	217,600*										155
160	57.9	380.2	192,500*	61.6	386.5	211,700*										160
165	56.5	376.8	186,600*	60.3	383.5	205,800*										165
170	55.1	373.3	180,800*	58.9	380.5	199,900*	62.6	385.1	214,500*							170
175	53.7	369.6	175,100*	57.6	377.3	194,000*	61.2	382.3	209,300*							175
180	52.2	365.6	169,500*	56.2	373.9	188,200*	59.9	379.3	203,900*							180
185	50.7	361.5	164,100*	54.8	370.3	182,400*	58.6	376.2	198,300*							185
190	49.2	357.1	158,700*	53.4	366.5	176,600*	57.2	372.9	192,800*							190
195	47.7	352.5	153,500*	51.9	362.5	171,000*	55.8	369.5	187,200*							195
200	46.1	347.7	148,400*	50.4	358.3	165,400*	54.4	365.9	181,600*							200
205	44.4	342.5	143,400*	48.9	353.9	160,000*	52.9	362.0	176,000*	56.7	367.2	182,900*				205
210	42.7	337.0	138,600*	47.3	349.2	154,700*	51.5	358.0	170,500*	55.3	363.7	176,700*				210
215	41.0	331.2	133,700*	45.7	344.3	149,600*	50.0	353.7	165,100*	53.9	360.0	170,800*				215
220	39.1	325.1	129,300*	44.0	339.1	144,400*	48.4	349.3	159,800*	52.4	356.1	165,200*				220
225	37.2	318.5	124,900*	42.3	333.6	139,600*	46.8	344.5	154,300*	51.0	352.0	159,900*				225
230	35.3	311.3	120,500*	40.5	327.7	134,500*	45.2	339.5	149,400*	49.4	347.6	154,800*				230
235	33.2	303.7	115,900*	38.7	321.4	129,300*	43.6	334.2	144,200*	47.9	343.1	149,900*	51.8	348.6	136,200*	235
240	30.9	295.3	111,200*	36.8	314.7	124,400*	41.8	328.6	138,500*	46.3	338.2	145,200*	50.3	344.4	131,800*	240
245	28.5	286.2	106,600*	34.8	307.4	119,600*	40.0	322.6	133,200*	44.6	333.1	140,600*	48.8	340.0	127,600*	245
250	25.9	276.0	102,200*	32.7	299.6	115,100*	38.2	316.2	128,100*	43.0	327.7	136,300*	47.2	335.3	123,600*	250
255	23.0	264.4	94,000*	30.4	291.1	110,700*	36.2	309.3	123,200*	41.2	322.0	132,100*	45.6	330.4	119,700*	255
260	19.7	250.9	83,300*	28.0	281.7	106,200*	34.2	301.9	118,600*	39.4	315.8	128,100*	43.9	325.1	115,900*	260
270	10.1	210.3	58,700*	22.3	259.3	97,500*	29.7	285.2	109,900*	35.5	302.2	120,500*	40.4	313.6	108,800*	270
280				14.6	227.4	78,500*	24.5	264.7	101,100*	31.2	286.4	112,800*	36.7	300.6	102,200*	280
290							17.8	237.3	92,600*	26.3	267.4	104,400*	32.5	285.5	96,000*	290
300							4.9	182.1	64,600*	20.2	242.8	95,900*	27.8	267.4	90,100*	300
310										11.1	204.3	87,200*	22.1	244.8	84,500*	310
320													14.3	212.3	79,100*	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
860,000 Lb. Wheeled Counterweight
at 40 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



160 Ft. Boom, 270 Ft. Luffing Jib

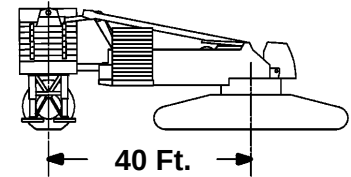
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
110	72.2	426.6	207,600*													110
115	71.1	424.9	207,100*													115
120	70.0	423.0	206,500*													120
125	68.8	421.0	204,100*													125
130	67.7	419.0	200,900*													130
135	66.5	416.7	197,600*													135
140	65.4	414.4	194,100*													140
145	64.2	411.9	190,500*	67.4	416.3	198,000*										145
150	63.0	409.3	185,100*	66.3	414.0	198,000*										150
155	61.8	406.6	179,600*	65.1	411.6	196,300*										155
160	60.6	403.7	174,200*	63.9	409.2	191,200*										160
165	59.3	400.7	168,800*	62.7	406.5	185,900*										165
170	58.1	397.5	163,400*	61.5	403.8	180,400*										170
175	56.8	394.2	157,900*	60.3	400.9	175,000*										175
180	55.5	390.7	152,700*	59.0	397.8	169,600*	62.4	402.4	183,000*							180
185	54.2	387.1	147,600*	57.8	394.6	164,200*	61.2	399.6	178,100*							185
190	52.8	383.2	142,600*	56.5	391.3	159,000*	59.9	396.6	173,100*							190
195	51.5	379.2	137,700*	55.2	387.7	153,700*	58.7	393.6	168,000*							195
200	50.1	375.0	132,900*	53.9	384.0	148,600*	57.4	390.3	162,900*							200
205	48.7	370.5	128,200*	52.5	380.1	143,500*	56.1	386.9	157,800*							205
210	47.2	365.9	123,600*	51.2	376.1	138,600*	54.8	383.3	152,800*							210
215	45.7	360.9	119,100*	49.8	371.8	133,700*	53.5	379.6	147,800*	57.0	384.6	159,300*				215
220	44.2	355.7	114,700*	48.3	367.3	129,000*	52.1	375.6	142,900*	55.7	381.1	154,700*				220
225	42.6	350.3	110,500*	46.9	362.6	124,300*	50.8	371.5	138,000*	54.4	377.5	150,000*				225
230	41.0	344.5	106,400*	45.4	357.6	119,800*	49.4	367.2	133,300*	53.0	373.7	145,400*				230
235	39.3	338.3	102,400*	43.8	352.3	115,400*	47.9	362.6	128,600*	51.7	369.7	140,700*				235
240	37.6	331.8	98,500*	42.3	346.8	111,100*	46.5	357.8	124,000*	50.3	365.5	136,100*				240
245	35.8	324.8	94,700*	40.6	340.9	107,000*	44.9	352.8	119,500*	48.9	361.1	131,500*	52.4	366.3	124,100*	245
250	33.8	317.4	91,100*	38.9	334.7	102,900*	43.4	347.4	115,200*	47.4	356.4	127,000*	51.1	362.2	120,100*	250
255	31.8	309.3	87,500*	37.2	328.0	99,000*	41.8	341.8	110,900*	45.9	351.5	122,600*	49.7	357.9	116,200*	255
260	29.7	300.5	84,100*	35.3	321.0	95,200*	40.1	335.8	106,800*	44.4	346.4	118,300*	48.2	353.4	112,500*	260
270	24.9	280.3	77,600*	31.3	305.1	87,900*	36.7	322.7	98,800*	41.2	335.2	109,800*	45.3	343.6	105,400*	270
280	18.9	254.1	68,000*	26.8	286.4	81,100*	32.8	307.7	91,400*	37.8	322.6	101,800*	42.1	332.8	98,900*	280
290	9.7	211.8	46,200*	21.4	263.0	74,800*	28.5	290.2	84,400*	34.1	308.3	94,300*	38.8	320.6	92,700*	290
300				14.0	229.7	64,200*	23.5	268.7	77,900*	30.0	291.7	87,200*	35.2	306.8	87,000*	300
310							17.1	240.2	71,900*	25.3	271.7	80,500*	31.2	291.0	81,600*	310
320							4.7	182.7	52,200*	19.4	246.1	74,400*	26.7	272.1	76,400*	320
330										10.7	206.0	68,900*	21.2	248.4	71,500*	330
340													13.7	214.6	66,700*	340

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



160 Ft. Boom, 290 Ft. Luffing Jib

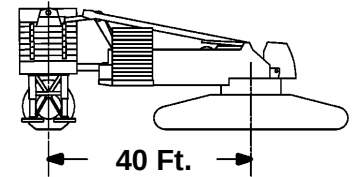
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
115	72.5	446.1	177,200*													115
120	71.4	444.4	176,700*													120
125	70.4	442.5	176,100*													125
130	69.3	440.6	175,400*													130
135	68.2	438.5	174,700*													135
140	67.2	436.4	169,800*													140
145	66.1	434.1	164,900*													145
150	65.0	431.8	159,900*													150
155	63.9	429.3	154,900*	66.9	433.7	167,800*										155
160	62.8	426.7	150,000*	65.8	431.4	164,600*										160
165	61.7	423.9	145,000*	64.7	429.0	159,800*										165
170	60.5	421.0	140,300*	63.6	426.5	155,000*										170
175	59.4	418.0	135,400*	62.5	423.9	150,200*										175
180	58.2	414.9	130,600*	61.4	421.1	145,300*										180
185	57.0	411.6	125,900*	60.2	418.2	140,400*										185
190	55.8	408.2	121,300*	59.1	415.1	135,500*	62.2	419.7	147,900*							190
195	54.6	404.6	116,800*	57.9	412.0	131,000*	61.1	416.9	143,300*							195
200	53.4	400.8	112,400*	56.7	408.6	126,300*	59.9	414.0	138,700*							200
205	52.1	396.9	107,900*	55.5	405.2	121,700*	58.8	410.9	134,100*							205
210	50.8	392.7	103,800*	54.3	401.5	117,000*	57.6	407.7	129,500*							210
215	49.5	388.4	99,700*	53.1	397.7	112,600*	56.4	404.3	125,200*							215
220	48.2	383.9	95,700*	51.8	393.7	108,300*	55.2	400.8	120,700*							220
225	46.8	379.2	91,800*	50.5	389.6	104,100*	54.0	397.1	116,100*	57.2	402.0	126,600*				225
230	45.4	374.2	88,000*	49.2	385.2	100,000*	52.7	393.2	111,900*	56.0	398.5	122,400*				230
235	44.0	369.0	84,300*	47.9	380.7	95,900*	51.4	389.2	107,600*	54.8	395.0	118,200*				235
240	42.5	363.5	80,700*	46.5	375.9	92,000*	50.2	385.0	103,500*	53.5	391.2	114,200*				240
245	41.0	357.7	77,200*	45.1	370.8	88,200*	48.8	380.6	99,400*	52.3	387.3	109,900*				245
250	39.5	351.6	73,800*	43.7	365.6	84,500*	47.5	376.0	95,400*	51.0	383.2	105,900*				250
255	37.9	345.1	70,500*	42.2	360.0	80,900*	46.1	371.1	91,600*	49.7	378.9	101,900*	53.0	383.8	110,800*	255
260	36.2	338.3	67,200*	40.7	354.1	77,300*	44.7	366.0	87,800*	48.4	374.4	98,000*	51.7	379.9	107,000*	260
270	32.6	323.1	61,100*	37.5	341.4	70,600*	41.8	355.0	80,500*	45.6	364.8	90,300*	49.1	371.3	99,400*	270
280	28.6	305.5	55,300*	34.0	327.0	64,200*	38.6	342.8	73,600*	42.7	354.2	83,000*	46.4	361.9	92,000*	280
290	24.0	284.4	49,800*	30.2	310.5	58,200*	35.3	329.0	67,100*	39.7	342.4	76,100*	43.6	351.6	84,900*	290
300	18.2	257.2	44,800*	25.8	290.9	52,600*	31.6	313.3	60,900*	36.4	329.1	69,500*	40.6	340.1	78,000*	300
310	9.3	213.3	34,500*	20.6	266.5	47,300*	27.5	295.0	55,100*	32.9	314.1	63,200*	37.4	327.3	71,400*	310
320				13.5	231.9	42,600*	22.6	272.6	49,700*	28.9	296.8	57,300*	33.9	312.9	65,100*	320
330							16.5	242.9	44,800*	24.3	275.9	51,800*	30.1	296.2	59,200*	330
340							4.5	183.2	40,400*	18.7	249.3	46,700*	25.7	276.5	53,600*	340
350										10.2	207.7	42,200*	20.4	251.9	48,400*	350
360													13.2	216.7	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
860,000 Lb. Wheeled Counterweight
at 40 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



160 Ft. Boom, 310 Ft. Luffing Jib

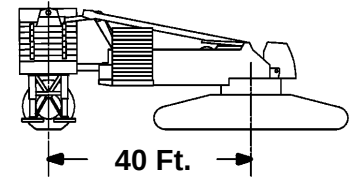
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
120	72.7	465.5	153,200*													120
125	71.7	463.8	152,600*													125
130	70.7	462.0	152,000*													130
135	69.7	460.1	151,300*													135
140	68.7	458.1	150,600*													140
145	67.7	456.0	148,100*													145
150	66.7	453.9	143,500*													150
155	65.7	451.5	138,900*													155
160	64.7	449.1	134,300*	67.5	453.4	143,900*										160
165	63.6	446.6	129,600*	66.5	451.1	142,800*										165
170	62.6	444.0	125,200*	65.5	448.8	138,400*										170
175	61.5	441.2	120,700*	64.4	446.4	134,000*										175
180	60.5	438.4	116,200*	63.4	443.8	129,500*										180
185	59.4	435.4	111,800*	62.4	441.2	125,000*										185
190	58.3	432.2	107,400*	61.3	438.4	120,500*										190
195	57.2	429.0	103,200*	60.2	435.5	116,200*										195
200	56.1	425.6	99,000*	59.2	432.5	111,800*	62.1	437.0	122,900*							200
205	55.0	422.0	94,800*	58.1	429.3	107,500*	61.0	434.2	118,700*							205
210	53.8	418.3	90,800*	57.0	426.0	103,200*	59.9	431.3	114,500*							210
215	52.6	414.5	86,800*	55.8	422.6	99,000*	58.8	428.2	110,300*							215
220	51.5	410.4	83,000*	54.7	419.0	94,900*	57.7	425.0	106,200*							220
225	50.2	406.2	79,200*	53.5	415.3	90,800*	56.6	421.7	102,100*							225
230	49.0	401.9	75,500*	52.4	411.4	86,900*	55.5	418.2	98,000*							230
235	47.8	397.3	72,000*	51.2	407.3	83,000*	54.4	414.6	93,900*	57.4	419.3	103,500*				235
240	46.5	392.5	68,500*	50.0	403.1	79,200*	53.2	410.8	90,000*	56.2	415.9	99,600*				240
245	45.2	387.5	65,100*	48.7	398.6	75,500*	52.0	406.9	86,100*	55.1	412.4	95,900*				245
250	43.8	382.2	61,800*	47.5	394.0	72,000*	50.8	402.7	82,300*	54.0	408.7	92,000*				250
255	42.5	376.7	58,400*	46.2	389.2	68,500*	49.6	398.5	78,600*	52.8	404.9	88,200*				255
260	41.1	371.0	55,300*	44.9	384.1	64,900*	48.4	394.0	74,900*	51.6	400.9	84,500*				260
270	38.1	358.5	49,400*	42.1	373.2	58,400*	45.8	384.4	67,800*	49.2	392.4	77,200*	52.3	397.5	85,600*	270
280	34.9	344.5	43,700*	39.3	361.2	52,300*	43.1	373.9	61,200*	46.7	383.0	70,200*	49.9	389.1	78,600*	280
290	31.5	328.7	38,300*	36.2	347.9	46,400*	40.3	362.3	54,900*	44.0	372.9	63,400*	47.4	380.1	71,700*	290
300	27.6	310.4	33,300*	32.8	332.8	40,900*	37.3	349.5	48,900*	41.3	361.7	57,000*	44.8	370.1	65,200*	300
310	23.1	288.4	28,600*	29.1	315.6	35,700*	34.1	335.1	43,300*	38.3	349.3	51,000*	42.0	359.2	58,700*	310
320	17.6	260.2	24,200*	25.0	295.2	30,800*	30.5	318.7	37,900*	35.2	335.4	45,300*	39.2	347.2	52,700*	320
330				19.9	269.9	26,300*	26.5	299.6	32,900*	31.7	319.7	39,900*	36.1	333.8	46,900*	330
340				13.0	234.1	22,100*	21.9	276.4	28,200*	27.9	301.6	34,800*	32.7	318.7	41,500*	340
350							15.9	245.6	23,900*	23.5	280.0	30,000*	29.0	301.3	36,400*	350
360							4.3	183.8	20,300*	18.0	252.3	25,600*	24.8	280.8	31,500*	360
370										9.9	209.3	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
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



180 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
60	70.1	273.9	700,500*b													60
65	66.6	271.6	683,100*b													65
70	63.0	268.9	661,000*b													70
75	59.2	265.8	628,300*													75
80	55.3	262.2	595,400*	67.0	269.5	640,500*b										80
85	51.2	258.0	563,000*	63.4	266.8	601,700*b										85
90	46.7	253.1	519,800*	59.7	263.7	567,100*										90
95	41.9	247.4	478,900*	55.8	260.2	536,000*										95
100	36.5	240.6	443,300*	51.6	256.1	507,900*										100
105	30.2	232.1	380,600*	47.3	251.3	482,300*	59.9	260.2	466,700*							105
110	22.1	220.3	317,200*	42.5	245.7	459,000*	56.0	256.7	444,300*							110
115				37.2	239.1	437,600*	51.9	252.6	423,700*							115
120				31.0	230.7	414,100*	47.5	247.9	404,700*							120
125				23.2	219.5	347,800*	42.8	242.4	387,200*	55.9	251.5	374,400*				125
130				9.2	198.1	264,800*	37.5	235.7	370,900*	51.8	247.4	358,800*				130
135							31.4	227.5	355,700*	47.5	242.7	344,300*				135
140							23.8	216.6	341,300*	42.7	237.2	330,700*				140
145							10.8	196.8	293,300*	37.4	230.5	318,000*	51.3	240.6	307,400*	145
150										31.3	222.3	306,000*	46.9	235.8	294,900*	150
155										23.6	211.3	294,600*	42.1	230.1	283,200*	155
160										10.4	191.1	283,300*	36.8	223.3	272,200*	160
165													30.5	214.9	261,700*	165
170													22.5	203.3	251,600*	170
175													6.4	178.5	241,100*	175

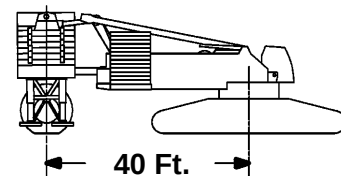
Capacities indicated by (b) require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

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
860,000 Lb. Wheeled Counterweight
at 40 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



180 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	71.1	293.4	613,400*(b)													65
70	68.3	291.3	592,100*(b)													70
75	65.4	288.9	568,600*													75
80	62.4	286.2	543,900*													80
85	59.4	283.1	518,600*													85
90	56.2	279.6	493,500*	65.7	286.8	565,300*										90
95	52.9	275.7	468,900*	62.8	284.1	534,300*										95
100	49.4	271.3	445,300*	59.7	281.1	506,400*										100
105	45.8	266.4	422,800*	56.6	277.6	481,000*										105
110	41.8	260.7	394,900*	53.3	273.8	457,900*	62.9	280.5	442,300*							110
115	37.5	254.1	369,900*	49.8	269.5	436,700*	59.9	277.5	421,800*							115
120	32.7	246.2	347,400*	46.2	264.5	417,200*	56.8	274.1	403,000*							120
125	27.0	236.6	316,700*	42.3	258.9	398,500*	53.5	270.3	385,700*							125
130	19.7	223.4	265,700*	38.0	252.5	373,200*	50.1	266.0	369,600*							130
135				33.3	244.8	350,500*	46.4	261.1	354,700*	56.7	269.0	342,400*				135
140				27.7	235.4	329,900*	42.5	255.6	340,800*	53.4	265.1	329,000*				140
145				20.7	222.8	294,100*	38.3	249.1	327,800*	50.0	260.8	316,500*				145
150				7.9	198.8	223,400*	33.6	241.6	315,500*	46.4	255.9	304,700*				150
155							28.1	232.3	304,000*	42.5	250.4	293,700*				155
160							21.2	220.0	293,000*	38.2	243.9	283,400*	49.6	253.9	270,100*	160
165							9.4	197.9	249,500*	33.5	236.3	273,500*	45.9	249.0	259,900*	165
170										28.0	227.0	264,200*	42.0	243.3	250,400*	170
175										21.0	214.6	255,300*	37.7	236.8	241,300*	175
180										9.0	192.1	246,300*	32.9	229.0	232,700*	180
185													27.3	219.4	224,500*	185
190													20.1	206.5	216,500*	190
195													5.3	178.6	208,000*	195

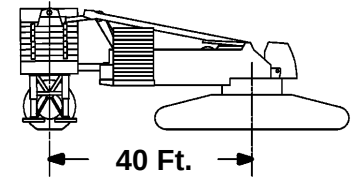
Capacities indicated by (b) require
21,000 Lb. minimum weight suspended
beneath luffing jib point.

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
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With
 21000 MAX-ER



180 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
70	71.8	312.9	524,200*(b)													70
75	69.4	310.9	508,700*													75
80	67.0	308.7	491,500*													80
85	64.6	306.2	473,100*													85
90	62.0	303.5	454,100*													90
95	59.5	300.4	434,800*	67.3	306.6	530,900*										95
100	56.8	297.1	415,500*	64.8	304.1	503,100*										100
105	54.1	293.3	396,600*	62.3	301.4	477,800*										105
110	51.2	289.2	378,200*	59.8	298.4	454,800*										110
115	48.2	284.6	360,600*	57.1	295.1	433,700*										115
120	45.1	279.6	343,900*	54.4	291.4	414,400*	62.5	297.8	399,500*							120
125	41.8	273.9	328,100*	51.5	287.3	396,500*	59.9	294.8	382,200*							125
130	38.2	267.4	312,300*	48.6	282.8	376,600*	57.3	291.5	366,300*							130
135	34.2	260.0	295,400*	45.5	277.8	353,900*	54.6	287.9	351,500*							135
140	29.8	251.4	280,000*	42.1	272.2	333,400*	51.7	283.8	337,700*							140
145	24.6	240.7	253,800*	38.6	265.8	314,800*	48.8	279.3	324,900*	57.2	286.4	312,900*				145
150	17.9	226.3	214,800*	34.7	258.5	297,800*	45.7	274.3	312,800*	54.5	282.7	301,300*				150
155				30.3	250.0	282,200*	42.4	268.8	301,500*	51.7	278.7	290,400*				155
160				25.3	239.6	267,800*	38.8	262.5	290,900*	48.7	274.2	280,200*				160
165				18.8	225.8	238,200*	34.9	255.3	280,800*	45.6	269.2	270,600*				165
170				7.0	199.5	183,500*	30.6	246.8	271,300*	42.3	263.6	261,500*	51.3	271.8	245,800*	170
175							25.6	236.6	262,300*	38.8	257.3	252,800*	48.4	267.3	237,000*	175
180							19.3	223.1	253,600*	34.9	250.1	244,700*	45.2	262.2	228,600*	180
185							8.4	198.9	205,500*	30.6	241.6	236,900*	41.9	256.5	220,700*	185
190										25.5	231.3	229,400*	38.3	250.1	213,100*	190
195										19.1	217.7	222,200*	34.4	242.8	205,900*	195
200										8.0	193.1	214,700*	30.0	234.2	199,000*	200
205													24.9	223.6	192,400*	205
210													18.2	209.4	185,900*	210
215													4.5	178.7	178,800*	215

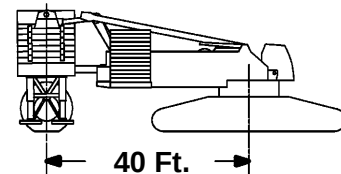
Capacities indicated by (b) require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

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
860,000 Lb. Wheeled Counterweight
at 40 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



180 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	72.3	332.3	451,600*													75
80	70.3	330.5	440,100*													80
85	68.2	328.4	427,400*													85
90	66.1	326.1	413,800*													90
95	64.0	323.6	399,400*													95
100	61.8	320.8	384,700*													100
105	59.5	317.8	369,700*	66.3	324.0	461,600*										105
110	57.3	314.5	354,800*	64.2	321.5	452,600*										110
115	54.9	310.9	340,100*	62.0	318.7	431,600*										115
120	52.5	306.9	325,700*	59.8	315.7	412,300*										120
125	50.0	302.6	311,800*	57.5	312.4	394,500*										125
130	47.3	298.0	298,400*	55.2	308.9	378,000*	62.2	315.1	363,900*							130
135	44.6	292.8	285,700*	52.8	305.0	355,700*	59.9	312.1	349,200*							135
140	41.7	287.1	273,800*	50.2	300.7	335,100*	57.7	308.9	335,500*							140
145	38.6	280.8	262,700*	47.6	296.1	316,400*	55.3	305.4	322,700*							145
150	35.3	273.7	252,300*	44.9	291.0	299,500*	52.9	301.5	310,700*							150
155	31.7	265.6	242,500*	42.0	285.4	283,900*	50.4	297.3	299,500*	57.6	303.8	288,000*				155
160	27.6	256.1	229,900*	39.0	279.1	269,700*	47.8	292.6	289,000*	55.3	300.2	277,800*				160
165	22.7	244.5	207,800*	35.7	272.1	256,500*	45.1	287.6	279,000*	52.9	296.3	268,300*				165
170	16.5	228.9	177,200*	32.1	264.1	244,300*	42.2	282.0	269,700*	50.4	292.1	259,300*				170
175				28.1	254.8	232,900*	39.2	275.8	260,800*	47.8	287.5	250,700*				175
180				23.4	243.5	221,800*	35.9	268.8	252,400*	45.0	282.4	242,700*	52.6	289.5	225,500*	180
185				17.3	228.6	197,100*	32.3	260.9	244,400*	42.2	276.8	235,000*	50.1	285.2	217,700*	185
190				6.3	200.2	153,100*	28.3	251.7	234,000*	39.1	270.6	227,700*	47.5	280.6	210,200*	190
195							23.7	240.6	223,400*	35.9	263.6	220,800*	44.7	275.4	203,200*	195
200							17.8	225.9	211,100*	32.3	255.7	213,900*	41.8	269.8	196,500*	200
205							7.6	199.8	172,100*	28.3	246.4	206,900*	38.8	263.5	190,100*	205
210										23.6	235.3	200,200*	35.5	256.4	183,900*	210
215										17.7	220.6	193,700*	31.8	248.3	178,100*	215
220										7.3	193.9	186,500*	27.8	238.9	172,400*	220
225													23.0	227.4	166,900*	225
230													16.8	212.1	161,500*	230
235													3.9	178.7	155,600*	235

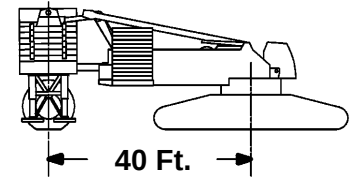


Liftcrane Luffing Jib Capacities

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
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



180 Ft. Boom, 170 Ft. Luffing Jib

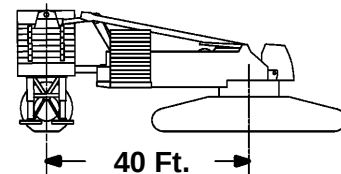
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
80	72.7	351.8	390,200*													80
85	70.9	350.0	381,800*													85
90	69.1	348.0	372,400*													90
95	67.2	345.8	362,200*													95
100	65.4	343.5	351,700*													100
105	63.5	340.9	340,500*													105
110	61.6	338.1	329,000*	67.5	343.7	401,200*										110
115	59.6	335.1	317,100*	65.6	341.3	398,600*										115
120	57.6	331.8	305,500*	63.7	338.8	389,900*										120
125	55.5	328.3	294,000*	61.8	336.0	381,100*										125
130	53.4	324.5	282,600*	59.8	333.0	372,200*										130
135	51.2	320.5	271,600*	57.8	329.8	354,300*										135
140	49.0	316.0	260,900*	55.8	326.3	333,700*	61.9	332.4	331,800*							140
145	46.7	311.2	250,600*	53.7	322.6	315,000*	59.9	329.5	319,100*							145
150	44.2	306.0	240,800*	51.5	318.5	298,000*	57.9	326.3	307,200*							150
155	41.7	300.3	231,500*	49.2	314.1	282,500*	55.9	322.8	296,100*							155
160	39.0	294.1	222,800*	46.9	309.4	268,300*	53.8	319.1	285,600*							160
165	36.1	287.2	214,700*	44.5	304.2	255,200*	51.6	315.0	275,800*	57.9	321.1	264,500*				165
170	33.0	279.5	207,200*	42.0	298.6	243,100*	49.4	310.7	266,500*	55.9	317.7	255,600*				170
175	29.6	270.7	200,600*	39.3	292.4	231,800*	47.1	305.9	257,700*	53.8	313.9	247,200*				175
180	25.8	260.5	189,400*	36.4	285.6	221,400*	44.7	300.8	249,400*	51.6	309.9	239,200*				180
185	21.2	248.0	171,200*	33.4	278.0	211,600*	42.1	295.2	241,500*	49.3	305.5	231,600*				185
190	15.4	231.3	146,500*	30.0	269.4	202,400*	39.5	289.1	232,800*	47.0	300.8	224,400*				190
195				26.2	259.3	193,800*	36.6	282.3	222,300*	44.6	295.6	216,900*	51.3	303.0	198,400*	195
200				21.8	247.2	183,800*	33.6	274.7	212,500*	42.1	290.0	209,800*	49.1	298.6	191,800*	200
205				16.2	231.2	163,700*	30.2	266.1	203,300*	39.4	283.9	203,000*	46.8	293.8	185,500*	205
210				5.8	200.8	127,400*	26.5	256.2	194,700*	36.6	277.1	196,500*	44.3	288.6	179,500*	210
215							22.1	244.2	186,500*	33.5	269.5	190,300*	41.8	283.0	173,800*	215
220							16.6	228.6	175,900*	30.2	260.9	184,400*	39.1	276.8	168,300*	220
225							7.0	200.7	144,100*	26.4	251.0	178,600*	36.2	269.9	163,000*	225
230										22.0	239.0	173,100*	33.1	262.2	158,000*	230
235										16.5	223.2	167,600*	29.8	253.5	153,100*	235
240										6.7	194.7	157,000*	25.9	243.3	148,400*	240
245													21.5	231.0	143,800*	245
250													15.7	214.6	139,200*	250
255													3.5	178.8	134,200*	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
860,000 Lb. Wheeled Counterweight
at 40 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



180 Ft. Boom, 190 Ft. Luffing Jib

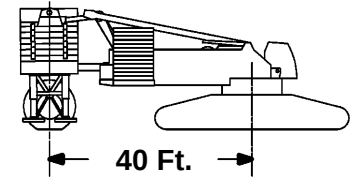
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	73.0	371.2	339,200*													85
90	71.4	369.4	332,900*													90
95	69.8	367.5	325,900*													95
100	68.1	365.5	318,200*													100
105	66.5	363.2	310,200*													105
110	64.8	360.8	301,700*													110
115	63.1	358.2	292,800*													115
120	61.4	355.4	283,800*	66.7	361.1	344,200*										120
125	59.6	352.4	274,600*	65.0	358.7	340,400*										125
130	57.8	349.2	265,400*	63.3	356.1	334,800*										130
135	56.0	345.8	256,100*	61.6	353.3	328,700*										135
140	54.1	342.1	247,100*	59.8	350.4	322,200*										140
145	52.2	338.1	238,300*	58.1	347.2	314,100*										145
150	50.3	333.9	229,600*	56.2	343.8	297,000*	61.7	349.7	304,700*							150
155	48.2	329.4	221,300*	54.4	340.1	281,500*	59.9	346.8	293,500*							155
160	46.1	324.5	213,200*	52.4	336.2	267,200*	58.2	343.6	283,100*							160
165	43.9	319.2	205,500*	50.5	332.0	254,100*	56.3	340.2	273,300*							165
170	41.6	313.5	198,200*	48.5	327.5	242,000*	54.5	336.6	264,100*							170
175	39.2	307.4	191,300*	46.4	322.7	230,700*	52.6	332.7	255,300*							175
180	36.7	300.6	184,800*	44.2	317.5	220,300*	50.6	328.5	247,100*	56.3	335.1	236,600*				180
185	34.0	293.2	178,800*	41.9	311.8	210,600*	48.6	324.0	239,200*	54.4	331.4	229,000*				185
190	31.1	284.9	173,300*	39.5	305.7	201,500*	46.5	319.2	231,600*	52.5	327.5	221,200*				190
195	27.9	275.5	168,300*	37.0	299.0	192,900*	44.3	314.0	221,100*	50.6	323.4	213,800*				195
200	24.3	264.6	158,200*	34.3	291.7	184,900*	42.0	308.4	211,400*	48.5	318.9	206,700*				200
205	20.0	251.4	142,700*	31.4	283.5	177,300*	39.7	302.3	202,200*	46.4	314.0	200,000*	52.3	320.7	182,100*	205
210	14.4	233.6	122,300*	28.3	274.2	170,200*	37.2	295.7	193,700*	44.3	308.9	193,600*	50.3	316.5	176,200*	210
215				24.7	263.5	163,400*	34.5	288.4	185,700*	42.0	303.2	187,500*	48.3	312.0	170,500*	215
220				20.5	250.6	154,200*	31.6	280.3	178,100*	39.6	297.1	181,600*	46.2	307.1	165,100*	220
225				15.2	233.6	137,500*	28.5	271.1	170,900*	37.1	290.5	176,000*	44.0	301.9	159,900*	225
230				5.4	201.4	106,900*	24.9	260.5	164,100*	34.5	283.2	170,700*	41.7	296.2	154,900*	230
235							20.8	247.7	157,500*	31.6	275.0	165,500*	39.3	290.0	150,200*	235
240							15.6	231.1	148,300*	28.4	265.9	160,500*	36.8	283.3	145,600*	240
245							6.5	201.6	121,700*	24.9	255.2	155,700*	34.1	275.9	141,200*	245
250										20.7	242.4	151,000*	31.2	267.7	136,900*	250
255										15.5	225.7	146,400*	28.0	258.3	132,800*	255
260										6.2	195.5	133,400*	24.4	247.5	128,800*	260
270													14.7	217.0	121,000*	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
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



180 Ft. Boom, 210 Ft. Luffing Jib

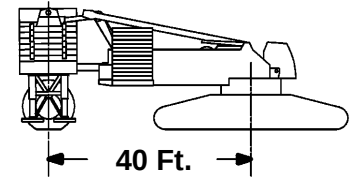
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
95	71.8	388.9	290,400*													95
100	70.3	387.0	285,200*													100
105	68.9	385.0	279,400*													105
110	67.4	382.9	273,300*													110
115	65.9	380.6	267,000*													115
120	64.4	378.2	260,300*													120
125	62.8	375.5	253,400*	67.6	380.8	292,900*										125
130	61.3	372.7	246,200*	66.1	378.5	292,900*										130
135	59.7	369.7	239,000*	64.5	376.0	290,500*										135
140	58.1	366.6	231,700*	63.0	373.4	284,700*										140
145	56.4	363.2	224,500*	61.4	370.6	278,500*										145
150	54.7	359.6	217,300*	59.9	367.7	272,200*										150
155	53.0	355.7	210,000*	58.2	364.5	265,600*										155
160	51.3	351.7	203,100*	56.6	361.2	258,900*	61.5	367.1	278,100*							160
165	49.4	347.3	196,300*	54.9	357.6	252,000*	60.0	364.1	269,800*							165
170	47.6	342.7	189,700*	53.2	353.8	239,800*	58.3	361.0	260,600*							170
175	45.7	337.8	183,300*	51.5	349.7	228,600*	56.7	357.6	251,900*							175
180	43.7	332.5	177,200*	49.7	345.4	218,100*	55.0	354.1	243,700*							180
185	41.6	326.8	171,400*	47.8	340.8	208,400*	53.3	350.3	235,900*							185
190	39.5	320.7	165,800*	45.9	335.9	199,300*	51.6	346.2	228,500*	56.7	352.5	216,400*				190
195	37.2	314.0	160,500*	43.9	330.7	190,700*	49.8	342.0	218,800*	55.0	348.9	209,100*				195
200	34.8	306.8	155,600*	41.9	325.0	182,700*	47.9	337.4	209,100*	53.3	345.1	202,100*				200
205	32.2	298.9	151,000*	39.7	319.0	175,200*	46.0	332.5	200,000*	51.5	341.1	195,400*				205
210	29.5	290.0	146,900*	37.5	312.4	168,100*	44.0	327.2	191,400*	49.7	336.8	189,100*				210
215	26.4	280.1	142,000*	35.1	305.2	161,400*	42.0	321.6	183,400*	47.9	332.2	183,000*				215
220	23.0	268.5	132,100*	32.5	297.4	155,100*	39.8	315.6	175,900*	46.0	327.3	177,300*	51.3	334.2	160,300*	220
225	18.9	254.5	118,600*	29.8	288.7	149,000*	37.6	309.1	168,800*	44.0	322.1	171,700*	49.5	329.9	155,200*	225
230	13.7	235.8	101,300*	26.8	278.9	143,300*	35.2	302.0	162,100*	42.0	316.5	166,400*	47.7	325.3	150,300*	230
235				23.4	267.5	137,600*	32.7	294.1	155,700*	39.8	310.4	161,400*	45.8	320.4	145,600*	235
240				19.4	253.9	129,300*	30.0	285.5	149,700*	37.6	303.9	156,500*	43.8	315.1	141,100*	240
245				14.4	236.0	114,900*	27.0	275.7	143,900*	35.2	296.7	151,800*	41.7	309.4	136,700*	245
250				5.0	202.0	88,700*	23.6	264.5	138,400*	32.7	288.9	147,300*	39.6	303.3	132,600*	250
255							19.7	251.1	132,600*	29.9	280.3	142,900*	37.3	296.7	128,600*	255
260							14.7	233.5	124,700*	26.9	270.5	138,700*	34.9	289.5	124,700*	260
270										19.6	245.7	130,600*	29.6	272.8	117,300*	270
280										5.8	196.3	112,700*	23.2	251.4	110,400*	280
290													13.9	219.2	103,600*	290

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
860,000 Lb. Wheeled Counterweight
at 40 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



180 Ft. Boom, 230 Ft. Luffing Jib

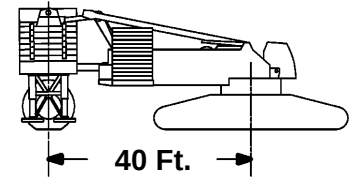
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	72.1	408.3	254,400*													100
105	70.8	406.5	250,400*													105
110	69.5	404.6	246,100*													110
115	68.1	402.5	241,400*													115
120	66.8	400.3	236,600*													120
125	65.4	398.0	231,400*													125
130	64.0	395.5	226,000*													130
135	62.6	392.9	220,500*	66.9	398.2	252,000*										135
140	61.2	390.0	214,800*	65.5	395.9	252,000*										140
145	59.7	387.1	209,100*	64.1	393.4	252,000*										145
150	58.2	383.9	203,300*	62.7	390.7	246,900*										150
155	56.7	380.6	197,500*	61.3	388.0	241,100*										155
160	55.2	377.0	191,700*	59.9	385.0	235,200*										160
165	53.7	373.3	185,900*	58.4	381.9	229,200*	62.8	387.2	239,000*							165
170	52.1	369.4	180,300*	56.9	378.6	223,200*	61.4	384.4	239,000*							170
175	50.4	365.2	174,600*	55.4	375.0	217,100*	60.0	381.4	235,400*							175
180	48.8	360.7	169,200*	53.8	371.3	211,000*	58.5	378.3	229,900*							180
185	47.1	356.0	164,000*	52.2	367.4	204,800*	57.0	375.0	224,300*							185
190	45.3	351.0	158,900*	50.6	363.2	196,900*	55.5	371.5	218,600*							190
195	43.5	345.7	154,000*	49.0	358.8	188,400*	53.9	367.8	212,800*							195
200	41.6	340.0	149,300*	47.3	354.2	180,400*	52.3	363.9	206,600*	57.0	369.9	198,500*				200
205	39.6	333.9	144,800*	45.5	349.2	172,900*	50.7	359.7	197,500*	55.5	366.4	191,900*				205
210	37.6	327.4	140,500*	43.7	343.9	165,900*	49.1	355.4	189,000*	53.9	362.7	185,600*				210
215	35.4	320.3	136,400*	41.8	338.3	159,200*	47.4	350.7	181,000*	52.3	358.7	179,600*				215
220	33.2	312.7	132,700*	39.9	332.2	152,900*	45.6	345.7	173,500*	50.7	354.6	173,900*				220
225	30.7	304.2	129,300*	37.8	325.7	146,900*	43.8	340.5	166,400*	49.0	350.2	168,400*				225
230	28.1	294.9	124,900*	35.7	318.8	141,200*	41.9	334.9	159,800*	47.3	345.5	163,200*	52.1	351.9	146,700*	230
235	25.2	284.4	119,100*	33.4	311.2	135,800*	40.0	328.9	153,400*	45.6	340.6	158,100*	50.5	347.7	142,100*	235
240	21.9	272.2	110,700*	31.0	302.9	130,700*	38.0	322.4	147,500*	43.8	335.3	153,300*	48.8	343.3	137,600*	240
245	18.0	257.5	98,800*	28.4	293.6	125,800*	35.8	315.4	141,800*	41.9	329.7	148,700*	47.1	338.6	133,300*	245
250	13.0	237.9	83,900*	25.5	283.3	121,000*	33.6	307.9	136,400*	40.0	323.7	144,200*	45.4	333.6	129,200*	250
255				22.3	271.3	116,000*	31.2	299.6	131,200*	37.9	317.2	140,000*	43.6	328.3	125,300*	255
260				18.5	257.0	108,700*	28.6	290.5	126,300*	35.8	310.2	135,800*	41.7	322.7	121,500*	260
270				4.7	202.6	73,400*	22.5	268.4	117,000*	31.1	294.4	128,000*	37.7	310.1	114,200*	270
280							14.0	235.8	105,200*	25.7	274.9	120,600*	33.3	295.4	107,500*	280
290										18.7	248.9	112,500*	28.2	277.7	101,100*	290
300										5.5	197.0	95,300*	22.1	255.2	95,100*	300
310													13.3	221.3	89,200*	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
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



180 Ft. Boom, 250 Ft. Luffing Jib

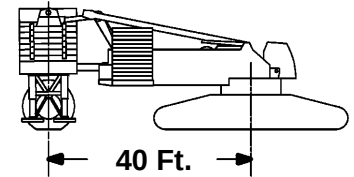
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
105	72.4	427.7	222,900*													105
110	71.2	426.0	219,800*													110
115	70.0	424.1	216,500*													115
120	68.7	422.1	212,900*													120
125	67.5	420.0	209,100*													125
130	66.2	417.7	205,100*													130
135	65.0	415.4	201,000*													135
140	63.7	412.8	196,700*	67.6	417.8	216,000*										140
145	62.4	410.2	192,300*	66.4	415.6	216,000*										145
150	61.1	407.4	187,800*	65.1	413.2	216,000*										150
155	59.7	404.4	183,200*	63.8	410.7	216,000*										155
160	58.4	401.3	178,500*	62.5	408.1	211,400*										160
165	57.0	398.0	173,900*	61.2	405.3	206,000*										165
170	55.6	394.5	169,200*	59.9	402.3	200,500*										170
175	54.2	390.8	164,600*	58.5	399.2	195,000*	62.6	404.5	204,400*							175
180	52.7	387.0	160,000*	57.2	395.9	189,500*	61.3	401.7	204,400*							180
185	51.3	382.9	155,500*	55.8	392.5	184,000*	60.0	398.7	200,500*							185
190	49.8	378.6	150,900*	54.4	388.8	178,500*	58.6	395.6	195,400*							190
195	48.2	374.1	146,600*	52.9	385.0	173,000*	57.2	392.4	190,200*							195
200	46.6	369.3	142,400*	51.4	381.0	167,700*	55.9	388.9	185,000*							200
205	45.0	364.3	138,300*	49.9	376.7	162,400*	54.4	385.3	179,700*							205
210	43.3	358.9	134,300*	48.4	372.2	157,200*	53.0	381.5	174,500*	57.2	387.2	180,900*				210
215	41.6	353.2	130,500*	46.8	367.5	152,100*	51.5	377.5	169,200*	55.8	383.8	175,000*				215
220	39.8	347.2	126,800*	45.2	362.5	147,100*	50.0	373.2	164,000*	54.4	380.2	169,300*				220
225	37.9	340.7	123,300*	43.5	357.1	142,200*	48.5	368.7	158,900*	53.0	376.4	163,800*				225
230	36.0	333.8	120,000*	41.8	351.5	137,300*	46.9	364.0	153,800*	51.5	372.3	158,600*				230
235	33.9	326.3	116,900*	40.0	345.5	132,800*	45.3	359.0	148,800*	50.0	368.1	153,600*				235
240	31.7	318.2	113,300*	38.1	339.1	128,100*	43.6	353.7	143,900*	48.5	363.6	148,900*	52.8	369.5	132,800*	240
245	29.4	309.4	109,000*	36.2	332.2	123,200*	41.9	348.1	139,100*	46.9	358.9	144,300*	51.3	365.5	128,600*	245
250	26.9	299.6	104,900*	34.1	324.8	118,500*	40.1	342.1	133,700*	45.3	353.9	139,900*	49.8	361.2	124,500*	250
255	24.1	288.5	99,200*	32.0	316.8	114,100*	38.2	335.7	128,600*	43.6	348.5	135,600*	48.3	356.7	120,600*	255
260	21.0	275.8	92,000*	29.7	308.0	109,800*	36.3	328.9	123,700*	41.9	342.9	131,600*	46.7	351.9	116,800*	260
270	12.4	239.9	68,300*	24.4	287.5	101,600*	32.1	313.5	114,600*	38.2	330.5	123,900*	43.4	341.5	109,700*	270
280				17.7	260.0	90,600*	27.3	295.2	106,200*	34.2	316.3	116,700*	39.9	329.9	103,100*	280
290				4.5	203.1	59,400*	21.5	272.0	98,100*	29.8	299.6	109,900*	36.0	316.5	96,900*	290
300							13.4	238.0	87,800*	24.6	279.2	102,400*	31.8	301.0	91,000*	300
310										17.9	251.9	94,300*	27.0	282.4	85,500*	310
320										5.2	197.7	79,600*	21.1	258.8	80,200*	320
330													12.7	223.4	75,100*	330

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
860,000 Lb. Wheeled Counterweight
at 40 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



180 Ft. Boom, 270 Ft. Luffing Jib

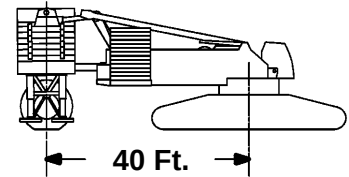
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
110	72.6	447.2	191,700*													110
115	71.5	445.4	191,400*													115
120	70.4	443.6	190,300*													120
125	69.2	441.7	187,500*													125
130	68.1	439.6	184,700*													130
135	66.9	437.5	181,600*													135
140	65.8	435.1	178,500*													140
145	64.6	432.7	175,100*													145
150	63.4	430.2	171,800*	67.1	435.3	184,400*										150
155	62.2	427.5	168,300*	65.9	433.0	184,400*										155
160	61.0	424.7	164,800*	64.7	430.6	184,000*										160
165	59.7	421.7	161,100*	63.5	428.1	179,300*										165
170	58.5	418.6	156,700*	62.3	425.4	174,300*										170
175	57.2	415.3	151,900*	61.1	422.6	169,400*										175
180	55.9	411.9	147,000*	59.9	419.6	164,400*										180
185	54.6	408.3	142,200*	58.6	416.5	159,500*	62.4	421.8	173,300*							185
190	53.3	404.5	137,600*	57.4	413.3	154,500*	61.2	419.0	168,900*							190
195	52.0	400.6	132,800*	56.1	409.9	149,600*	60.0	416.1	164,400*							195
200	50.6	396.4	128,300*	54.8	406.3	144,900*	58.7	413.0	159,700*							200
205	49.2	392.0	123,900*	53.5	402.6	140,100*	57.5	409.7	155,100*							205
210	47.7	387.5	119,600*	52.1	398.6	135,500*	56.2	406.4	150,300*							210
215	46.2	382.6	115,400*	50.7	394.5	130,900*	54.9	402.8	145,700*							215
220	44.7	377.5	111,300*	49.3	390.1	126,400*	53.5	399.0	141,100*	57.4	404.6	153,000*				220
225	43.2	372.1	107,300*	47.9	385.6	122,000*	52.2	395.1	136,500*	56.1	401.2	148,800*				225
230	41.6	366.5	103,400*	46.4	380.8	117,700*	50.8	391.0	132,000*	54.8	397.6	144,500*				230
235	39.9	360.4	99,600*	44.9	375.7	113,500*	49.4	386.6	127,600*	53.5	393.9	140,200*				235
240	38.2	354.0	95,900*	43.4	370.4	109,400*	48.0	382.1	123,200*	52.2	390.0	135,900*				240
245	36.4	347.2	92,300*	41.8	364.7	105,400*	46.5	377.3	118,900*	50.8	385.8	131,600*				245
250	34.5	339.9	88,800*	40.1	358.7	101,600*	45.0	372.3	114,700*	49.4	381.5	127,300*				250
255	32.5	332.1	85,400*	38.4	352.4	97,800*	43.5	366.9	110,600*	48.0	377.0	123,100*	52.0	383.1	117,000*	255
260	30.5	323.6	82,100*	36.6	345.6	94,100*	41.9	361.3	106,600*	46.5	372.1	119,000*	50.6	379.0	113,300*	260
270	25.8	304.1	75,900*	32.8	330.6	87,100*	38.5	349.0	99,000*	43.4	361.8	110,900*	47.8	370.0	106,200*	270
280	20.1	279.2	70,100*	28.5	313.0	80,500*	34.9	335.1	91,700*	40.2	350.2	103,100*	44.8	360.1	99,600*	280
290	11.9	241.9	54,900*	23.4	291.5	74,300*	30.8	319.0	84,800*	36.7	337.1	95,700*	41.6	349.1	93,500*	290
300				17.0	262.8	68,600*	26.2	299.8	78,400*	32.9	322.1	88,700*	38.3	336.7	87,700*	300
310				4.2	203.6	47,300*	20.7	275.5	72,400*	28.6	304.6	82,100*	34.6	322.7	82,300*	310
320							12.8	240.1	67,000*	23.6	283.2	75,900*	30.5	306.4	77,200*	320
330										17.2	254.7	70,200*	25.9	286.9	72,400*	330
340										5.0	198.3	65,300*	20.2	262.2	67,700*	340
350													12.1	225.4	63,100*	350

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



180 Ft. Boom, 290 Ft. Luffing Jib

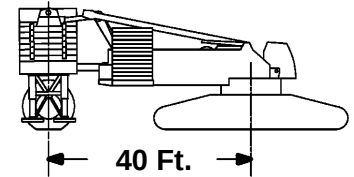
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
115	72.8	466.6	166,200*													115
120	71.8	464.9	165,900*													120
125	70.7	463.1	165,500*													125
130	69.7	461.2	165,000*													130
135	68.6	459.2	162,700*													135
140	67.6	457.1	160,400*													140
145	66.5	454.9	158,000*													145
150	65.4	452.5	155,400*													150
155	64.3	450.1	152,700*	67.7	454.9	158,500*										155
160	63.2	447.5	149,000*	66.6	452.7	158,500*										160
165	62.0	444.8	144,300*	65.5	450.4	158,400*										165
170	60.9	442.0	139,800*	64.4	448.0	155,500*										170
175	59.8	439.0	135,200*	63.3	445.4	151,000*										175
180	58.6	435.9	130,600*	62.2	442.7	146,400*										180
185	57.4	432.7	126,000*	61.0	439.9	141,800*										185
190	56.2	429.3	121,500*	59.9	437.0	137,200*										190
195	55.0	425.8	117,200*	58.7	433.9	132,600*	62.2	439.1	145,600*							195
200	53.8	422.1	112,900*	57.6	430.7	128,200*	61.1	436.3	141,400*							200
205	52.5	418.2	108,600*	56.4	427.3	123,700*	60.0	433.4	137,100*							205
210	51.3	414.1	104,500*	55.2	423.8	119,300*	58.8	430.3	132,700*							210
215	50.0	409.9	100,300*	53.9	420.1	114,900*	57.6	427.1	128,300*							215
220	48.7	405.4	96,400*	52.7	416.2	110,500*	56.4	423.7	124,000*							220
225	47.3	400.8	92,500*	51.4	412.2	106,300*	55.2	420.2	119,900*							225
230	45.9	395.9	88,700*	50.1	408.0	102,200*	54.0	416.5	115,600*	57.6	422.0	126,600*				230
235	44.5	390.8	85,100*	48.8	403.5	98,200*	52.8	412.7	111,200*	56.4	418.6	122,600*				235
240	43.1	385.4	81,500*	47.5	398.9	94,300*	51.5	408.7	107,100*	55.2	415.1	118,600*				240
245	41.6	379.7	78,000*	46.1	394.1	90,500*	50.2	404.5	103,100*	54.0	411.4	114,600*				245
250	40.0	373.7	74,600*	44.7	389.0	86,700*	48.9	400.1	99,100*	52.7	407.6	110,600*				250
255	38.4	367.4	71,300*	43.2	383.6	83,100*	47.5	395.5	95,200*	51.5	403.5	106,800*				255
260	36.8	360.6	68,100*	41.7	378.0	79,500*	46.2	390.6	91,400*	50.2	399.3	102,800*				260
270	33.2	345.8	61,900*	38.6	365.7	72,700*	43.3	380.2	84,000*	47.5	390.3	95,100*	51.3	396.7	101,500*	270
280	29.3	328.7	56,100*	35.2	351.9	66,300*	40.3	368.6	77,000*	44.7	380.4	87,700*	48.7	388.0	95,000*	280
290	24.8	308.4	50,600*	31.6	336.2	60,200*	37.1	355.7	70,300*	41.8	369.4	80,600*	46.0	378.5	88,900*	290
300	19.4	282.5	45,600*	27.4	317.8	54,400*	33.6	341.0	64,000*	38.7	357.1	73,900*	43.1	368.0	83,300*	300
310	11.4	243.7	40,900*	22.6	295.4	49,100*	29.7	324.2	58,100*	35.3	343.4	67,400*	40.1	356.4	76,800*	310
320				16.4	265.5	44,100*	25.3	304.2	52,500*	31.6	327.7	61,300*	36.8	343.3	70,300*	320
330				4.0	204.1	35,800*	19.9	278.9	47,300*	27.5	309.4	55,600*	33.3	328.6	64,200*	330
340							12.4	242.1	42,600*	22.7	287.1	50,200*	29.4	311.5	58,300*	340
350										16.5	257.5	45,300*	24.9	291.2	52,800*	350
360										4.8	198.9	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
860,000 Lb. Wheeled Counterweight
at 40 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



180 Ft. Boom, 310 Ft. Luffing Jib

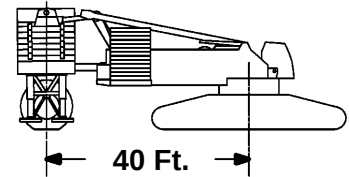
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
125	72.0	484.3	143,900*													125
130	71.1	482.5	143,400*													130
135	70.1	480.7	142,900*													135
140	69.1	478.7	142,400*													140
145	68.1	476.7	141,500*													145
150	67.1	474.5	139,600*													150
155	66.1	472.3	137,500*													155
160	65.0	469.9	133,300*													160
165	64.0	467.4	129,000*	67.2	472.4	136,300*										165
170	63.0	464.9	124,600*	66.2	470.1	136,200*										170
175	61.9	462.1	120,300*	65.2	467.8	134,600*										175
180	60.9	459.3	116,100*	64.1	465.3	130,400*										180
185	59.8	456.4	111,800*	63.1	462.7	126,200*										185
190	58.7	453.3	107,600*	62.0	460.0	121,900*										190
195	57.6	450.1	103,500*	61.0	457.2	117,600*										195
200	56.5	446.7	99,400*	59.9	454.3	113,500*										200
205	55.4	443.2	95,400*	58.8	451.2	109,300*	62.1	456.5	121,200*							205
210	54.2	439.6	91,400*	57.7	448.0	105,200*	61.0	453.6	117,300*							210
215	53.1	435.7	87,500*	56.6	444.7	101,100*	60.0	450.7	113,300*							215
220	51.9	431.8	83,700*	55.5	441.2	97,000*	58.9	447.6	109,200*							220
225	50.7	427.6	80,000*	54.3	437.6	93,000*	57.8	444.5	105,200*							225
230	49.4	423.3	76,300*	53.2	433.8	89,000*	56.7	441.1	101,400*							230
235	48.2	418.8	72,800*	52.0	429.8	85,200*	55.6	437.7	97,400*							235
240	46.9	414.1	69,300*	50.8	425.7	81,400*	54.4	434.0	93,500*	57.8	439.3	103,700*				240
245	45.6	409.2	66,000*	49.6	421.4	77,700*	53.3	430.3	89,600*	56.7	436.0	100,000*				245
250	44.3	404.0	62,700*	48.3	416.9	74,100*	52.1	426.3	85,800*	55.5	432.5	96,300*				250
255	42.9	398.6	59,500*	47.1	412.2	70,600*	50.9	422.2	82,000*	54.4	428.9	92,700*				255
260	41.5	392.9	56,200*	45.8	407.3	67,200*	49.7	417.9	78,400*	53.2	425.1	89,000*				260
270	38.6	380.6	50,200*	43.1	396.8	60,500*	47.2	408.8	71,300*	50.9	417.1	81,700*				270
280	35.5	367.0	44,500*	40.3	385.2	54,300*	44.5	398.8	64,400*	48.4	408.3	74,700*	51.9	414.4	83,800*	280
290	32.1	351.5	39,200*	37.3	372.4	48,300*	41.8	387.8	58,000*	45.8	398.7	67,900*	49.5	405.9	77,100*	290
300	28.3	333.7	34,100*	34.0	358.0	42,700*	38.9	375.6	51,900*	43.2	388.2	61,200*	47.0	396.7	70,400*	300
310	24.0	312.5	29,300*	30.5	341.6	37,500*	35.8	362.1	46,100*	40.3	376.7	55,100*	44.4	386.6	64,000*	310
320	18.7	285.7	24,900*	26.5	322.4	32,500*	32.4	346.8	40,700*	37.3	363.9	49,200*	41.6	375.6	57,700*	320
330	11.0	245.5	20,900*	21.8	299.1	27,800*	28.7	329.2	35,500*	34.1	349.5	43,600*	38.7	363.3	51,800*	330
340				15.8	268.2	23,500*	24.4	308.4	30,700*	30.6	333.1	38,300*	35.6	349.7	46,100*	340
350				3.9	204.6	19,900*	19.2	282.2	26,100*	26.6	314.0	33,300*	32.2	334.3	40,700*	350
360							11.9	244.0	22,100*	21.9	290.9	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
 860,000 Lb. Wheeled Counterweight
 at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
50	73.3	296.3	621,500*c																50
55	69.9	294.3	598,200*b																55
60	66.4	292.0	572,700*b	71.3	294.5	632,000*c													60
65	62.8	289.3	546,000*b	67.8	292.4	609,200*b													65
70	59.0	286.2	519,100*	64.2	289.8	584,000*b													70
75	55.1	282.5	492,600*	60.5	286.8	557,400*b													75
80	51.0	278.3	467,000*	56.7	283.4	530,600*													80
85	46.5	273.5	443,500*	52.6	279.4	504,000*	65.9	288.4	595,400*b										85
90	41.7	267.7	422,000*	48.3	274.8	478,500*	62.3	285.6	561,200*b										90
95	36.3	260.8	403,400*	43.6	269.5	454,800*	58.5	282.4	530,400*										95
100	29.9	252.1	370,900*	38.5	263.1	433,300*	54.5	278.7	502,600*										100
105	21.7	240.2	308,200*	32.6	255.2	406,000*	50.3	274.4	477,300*										105
110				25.3	244.9	342,700*	45.8	269.4	454,300*	60.0	279.6	437,100*b							110
115				14.1	228.1	272,200*	40.9	263.5	433,100*	56.1	276.1	416,800*							115
120							35.4	256.4	413,600*	52.1	272.1	398,200*							120
125							28.9	247.4	395,400*	47.7	267.4	380,900*							125
130							20.2	234.7	329,500*	43.0	261.9	365,000*	57.4	271.7	350,800*				130
135										37.7	255.3	350,100*	53.4	267.8	336,600*				135
140										31.7	247.2	336,100*	49.1	263.3	323,400*				140
145										24.1	236.4	323,000*	44.5	258.1	311,000*				145
150										11.6	217.4	300,300*	39.4	251.9	299,300*				150
155													33.7	244.4	288,300*	50.0	257.3	277,100*	155
160													26.7	234.6	277,900*	45.5	252.2	267,300*	160
165													16.8	219.8	267,800*	40.5	246.3	258,000*	165
170																34.9	239.0	249,200*	170
175																28.3	229.9	240,700*	175
180																19.3	216.7	232,500*	180

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

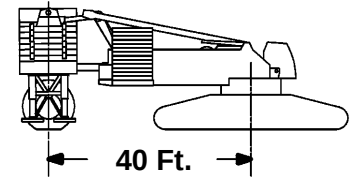
Capacities indicated by (c) require
 37,000 Lb. minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	73.7	315.7	529,200*																55
60	71.0	313.9	511,400*																60
65	68.1	311.8	491,900*	72.1	314.0	540,900*													65
70	65.3	309.3	471,300*	69.3	312.0	523,900*													70
75	62.3	306.6	450,400*	66.4	309.7	504,900*													75
80	59.2	303.5	429,300*	63.5	307.1	484,700*													80
85	56.1	300.0	409,000*	60.4	304.1	463,900*													85
90	52.7	296.1	389,200*	57.3	300.8	443,000*	67.7	308.2	559,200*										90
95	49.3	291.7	370,300*	54.1	297.1	422,200*	64.8	305.7	528,600*										95
100	45.6	286.7	352,800*	50.7	292.9	402,100*	61.8	302.9	500,900*										100
105	41.6	280.9	336,800*	47.1	288.1	383,000*	58.8	299.8	475,800*										105
110	37.3	274.3	322,600*	43.2	282.7	365,200*	55.6	296.2	452,900*										110
115	32.4	266.4	310,400*	39.1	276.4	348,800*	52.3	292.2	432,000*										115
120	26.7	256.6	301,100*	34.4	269.1	334,300*	48.8	287.7	412,700*	60.0	296.9	396,200*							120
125	19.3	243.2	259,600*	29.1	260.1	322,100*	45.0	282.6	394,900*	56.9	293.5	379,200*							125
130				22.5	248.5	287,800*	41.0	276.8	378,400*	53.6	289.7	363,400*							130
135				12.5	229.9	231,900*	36.6	270.0	363,000*	50.2	285.5	348,700*							135
140							31.7	261.9	344,600*	46.6	280.6	335,100*	57.9	289.1	321,300*				140
145							25.8	251.7	324,500*	42.7	275.1	322,300*	54.7	285.4	309,100*				145
150							17.9	237.4	280,400*	38.5	268.7	310,300*	51.3	281.3	297,600*				150
155										33.7	261.2	299,000*	47.7	276.6	286,900*				155
160										28.3	252.0	288,300*	43.9	271.3	276,800*				160
165										21.5	239.8	278,200*	39.8	265.2	267,200*	52.0	275.1	256,000*	165
170										10.1	218.6	259,200*	35.3	258.1	258,200*	48.5	270.6	247,400*	170
175													30.1	249.5	249,600*	44.7	265.4	239,300*	175
180													23.8	238.5	241,400*	40.7	259.5	231,600*	180
185													14.9	222.0	233,300*	36.3	252.6	224,200*	185
190																31.3	244.4	217,200*	190
195																25.3	234.0	209,700*	195
200																17.2	219.3	202,300*	200

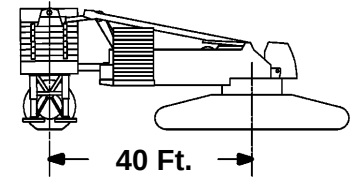
Capacities indicated by **(b)** require
21,000 Lb. minimum weight suspended
beneath luffing jib point.

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
 860,000 Lb. Wheeled Counterweight
 at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.0	335.1	453,300*																60
65	71.7	333.4	439,600*																65
70	69.3	331.4	424,700*	72.6	333.5	465,200*													70
75	66.9	329.1	408,900*	70.3	331.6	452,500*													75
80	64.4	326.7	392,700*	67.9	329.4	438,200*													80
85	61.9	323.9	376,300*	65.4	327.0	422,900*													85
90	59.3	320.8	360,100*	62.9	324.4	406,900*													90
95	56.7	317.5	344,200*	60.4	321.5	390,600*													95
100	53.9	313.7	328,700*	57.7	318.2	374,300*	66.6	325.5	478,800*										100
105	51.1	309.6	313,700*	55.0	314.6	358,000*	64.1	323.0	467,100*										105
110	48.1	305.0	299,700*	52.2	310.6	342,100*	61.6	320.2	449,700*										110
115	44.9	299.9	286,600*	49.3	306.2	327,000*	59.0	317.1	428,800*										115
120	41.6	294.2	274,500*	46.2	301.3	312,500*	56.3	313.7	409,700*										120
125	38.0	287.7	263,500*	42.9	295.9	298,900*	53.5	309.9	392,000*	62.6	317.2	375,500*							125
130	34.0	280.2	253,900*	39.4	289.7	286,400*	50.7	305.7	375,700*	60.0	314.2	359,900*							130
135	29.6	271.5	245,700*	35.6	282.7	275,000*	47.6	301.0	360,500*	57.4	311.0	345,300*							135
140	24.3	260.7	239,700*	31.4	274.5	265,000*	44.5	295.8	346,300*	54.7	307.3	331,800*							140
145	17.5	246.0	212,700*	26.5	264.6	256,700*	41.1	290.0	327,500*	51.8	303.3	319,100*							145
150				20.5	251.9	236,500*	37.4	283.4	309,500*	48.9	298.8	307,300*							150
155				11.2	231.4	190,300*	33.4	275.8	292,900*	45.8	293.8	296,200*	55.5	302.9	283,300*				155
160							28.9	266.8	277,700*	42.5	288.3	285,700*	52.7	299.0	273,300*				160
165							23.5	255.6	263,400*	38.9	282.0	275,900*	49.8	294.7	263,900*				165
170							16.3	240.0	232,100*	35.1	274.9	266,600*	46.8	289.9	255,000*				170
175										30.8	266.5	257,700*	43.5	284.5	246,600*				175
180										25.8	256.3	249,300*	40.1	278.5	238,700*	50.4	288.6	228,000*	180
185										19.5	242.9	241,200*	36.3	271.6	231,100*	47.4	283.9	220,400*	185
190										9.0	219.7	215,400*	32.2	263.7	223,900*	44.2	278.6	212,900*	190
195													27.5	254.2	216,900*	40.8	272.8	205,800*	195
200													21.7	242.1	210,300*	37.1	266.1	199,000*	200
205													13.4	224.0	203,700*	33.1	258.4	192,500*	205
210																28.5	249.3	186,200*	210
215																23.0	237.9	180,100*	215
220																15.6	221.7	174,100*	220

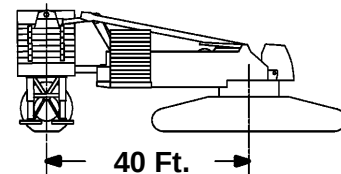
Capacities indicated by (b) require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

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
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.2	354.5	390,400*																65
70	72.2	352.8	381,200*																70
75	70.2	350.9	369,700*																75
80	68.1	348.8	357,800*	71.0	351.1	390,400*													80
85	66.0	346.5	345,200*	68.9	349.1	382,800*													85
90	63.9	344.0	332,400*	66.8	346.8	371,200*													90
95	61.7	341.2	319,500*	64.7	344.4	359,200*													95
100	59.4	338.2	306,500*	62.5	341.7	346,600*													100
105	57.1	334.9	294,000*	60.3	338.8	333,700*	67.8	345.2	417,900*										105
110	54.8	331.2	281,800*	58.1	335.6	320,600*	65.7	342.9	410,200*										110
115	52.4	327.3	269,900*	55.7	332.1	307,800*	63.5	340.3	400,900*										115
120	49.8	323.0	258,800*	53.3	328.3	295,200*	61.3	337.5	390,400*										120
125	47.2	318.3	248,100*	50.8	324.1	283,100*	59.1	334.4	378,900*										125
130	44.5	313.1	237,900*	48.3	319.6	271,400*	56.8	331.1	366,800*										130
135	41.6	307.4	228,600*	45.6	314.6	260,300*	54.4	327.4	354,300*	62.2	334.5	342,800*							135
140	38.5	301.0	220,000*	42.7	309.1	249,800*	52.0	323.4	341,500*	60.0	331.6	329,400*							140
145	35.1	293.9	212,300*	39.7	303.0	240,000*	49.5	319.1	328,500*	57.7	328.3	316,800*							145
150	31.5	285.7	205,600*	36.5	296.2	231,000*	46.8	314.3	311,100*	55.4	324.8	305,000*							150
155	27.4	276.1	199,900*	33.0	288.5	222,800*	44.1	309.0	294,600*	53.0	320.9	294,000*							155
160	22.5	264.4	195,900*	29.1	279.5	215,700*	41.1	303.2	279,400*	50.5	316.7	283,700*							160
165	16.1	248.5	175,500*	24.5	268.7	210,000*	38.0	296.8	265,500*	47.9	312.1	273,900*	56.1	320.4	261,400*				165
170				18.9	254.9	194,900*	34.6	289.5	252,700*	45.2	307.1	264,700*	53.8	316.6	252,600*				170
175				10.3	232.9	158,000*	30.9	281.2	240,800*	42.3	301.5	256,000*	51.3	312.5	244,300*				175
180							26.7	271.3	229,600*	39.3	295.3	247,800*	48.7	308.0	236,500*				180
185							21.7	259.2	216,900*	36.0	288.4	239,900*	46.1	303.1	229,000*				185
190							15.0	242.3	192,900*	32.5	280.5	232,500*	43.2	297.7	221,900*	51.8	306.4	209,700*	190
195										28.5	271.4	225,300*	40.3	291.7	215,100*	49.3	302.0	202,700*	195
200										23.8	260.3	218,500*	37.1	285.1	208,700*	46.6	297.1	196,100*	200
205										18.0	245.9	211,900*	33.6	277.5	202,500*	43.8	291.9	189,700*	205
210										8.2	220.8	180,600*	29.8	268.8	196,600*	40.9	286.0	183,700*	210
215													25.4	258.5	190,900*	37.8	279.5	177,800*	215
220													20.1	245.4	185,400*	34.4	272.1	172,300*	220
225													12.4	225.8	180,000*	30.6	263.7	166,900*	225
230																26.4	253.7	161,700*	230
235																21.3	241.4	156,600*	235
240																14.3	223.9	151,600*	240

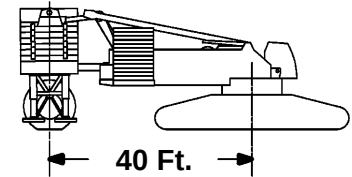
Capacities indicated by **(b)** require
21,000 Lb. minimum weight suspended
beneath luffing jib point.

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
 860,000 Lb. Wheeled Counterweight
 at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	74.4	373.9	339,600*																70
75	72.6	372.2	331,400*																75
80	70.8	370.4	322,500*																80
85	69.0	368.4	313,300*	71.5	370.5	343,000*													85
90	67.2	366.3	303,500*	69.7	368.6	334,900*													90
95	65.3	363.9	293,400*	67.9	366.5	326,000*													95
100	63.4	361.3	283,200*	66.0	364.2	316,800*													100
105	61.5	358.5	273,000*	64.2	361.7	307,000*													105
110	59.5	355.5	262,900*	62.2	359.0	297,000*													110
115	57.5	352.2	252,900*	60.3	356.1	286,800*	66.9	362.7	359,800*										115
120	55.4	348.7	243,100*	58.3	352.9	276,500*	65.0	360.3	353,300*										120
125	53.3	344.9	233,700*	56.3	349.5	266,300*	63.1	357.7	345,900*										125
130	51.1	340.8	224,600*	54.2	345.8	256,300*	61.2	354.8	337,500*										130
135	48.9	336.4	216,000*	52.0	341.8	246,600*	59.2	351.8	328,500*										135
140	46.5	331.5	207,700*	49.8	337.5	237,100*	57.2	348.5	319,000*										140
145	44.1	326.3	199,900*	47.5	332.9	227,800*	55.1	344.9	309,200*	62.0	351.9	313,100*							145
150	41.5	320.6	192,600*	45.1	327.8	219,200*	53.0	341.1	299,100*	60.0	348.9	301,400*							150
155	38.8	314.3	185,700*	42.6	322.3	211,000*	50.8	336.9	288,900*	58.0	345.7	290,400*							155
160	36.0	307.4	179,600*	39.9	316.3	203,300*	48.5	332.4	278,500*	56.0	342.2	280,200*							160
165	32.9	299.6	174,000*	37.1	309.6	196,100*	46.2	327.5	264,600*	53.9	338.5	270,500*							165
170	29.4	290.8	169,200*	34.1	302.2	189,500*	43.7	322.3	251,800*	51.7	334.5	261,300*							170
175	25.6	280.5	165,300*	30.8	293.8	183,600*	41.2	316.5	239,900*	49.5	330.1	252,700*	56.6	337.8	240,600*				175
180	21.0	267.9	162,600*	27.2	284.2	178,500*	38.4	310.1	228,900*	47.2	325.4	244,600*	54.5	334.1	232,800*				180
185	15.0	250.9	145,200*	22.9	272.6	174,400*	35.5	303.1	218,600*	44.7	320.3	236,800*	52.4	330.2	225,400*				185
190				17.7	257.8	161,400*	32.4	295.2	209,000*	42.2	314.7	229,500*	50.2	326.0	218,300*				190
195				9.5	234.2	131,200*	28.9	286.2	200,000*	39.6	308.6	222,500*	47.9	321.4	211,700*				195
200							25.0	275.6	191,500*	36.7	301.9	215,800*	45.5	316.4	205,300*	52.8	324.0	191,100*	200
205							20.3	262.5	180,200*	33.7	294.3	209,400*	43.0	310.9	199,300*	50.6	319.8	184,800*	205
210							13.9	244.5	160,900*	30.3	285.8	203,300*	40.4	305.0	193,500*	48.4	315.3	178,900*	210
215										26.6	275.9	195,200*	37.6	298.5	187,900*	46.0	310.4	173,200*	215
220										22.3	264.0	187,000*	34.7	291.2	182,600*	43.6	305.1	167,700*	220
225										16.8	248.6	177,700*	31.4	283.0	177,500*	41.0	299.2	162,500*	225
230										7.6	221.8	151,700*	27.9	273.6	172,600*	38.2	292.8	157,500*	230
235													23.7	262.5	167,800*	35.3	285.7	152,700*	235
240													18.7	248.4	163,200*	32.1	277.8	148,000*	240
245													11.5	227.6	158,600*	28.6	268.6	143,600*	245
250																24.6	257.9	139,200*	250
255																19.9	244.6	134,900*	255
260																13.3	226.0	130,600*	260

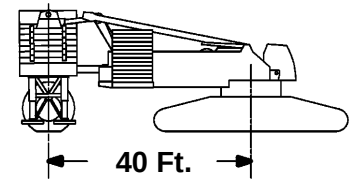
Capacities indicated by (b) require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

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
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	74.5	393.3	296,200*																75
80	72.9	391.7	289,800*																80
85	71.3	389.9	283,000*																85
90	69.7	388.0	275,800*	71.9	390.0	300,300*													90
95	68.1	385.9	268,200*	70.3	388.1	294,200*													95
100	66.4	383.7	260,400*	68.7	386.1	287,500*													100
105	64.7	381.2	252,300*	67.1	384.0	280,500*													105
110	63.0	378.6	244,200*	65.4	381.6	273,000*													110
115	61.3	375.8	236,100*	63.7	379.1	265,200*													115
120	59.6	372.8	228,000*	62.0	376.3	257,200*	67.8	382.3	310,200*										120
125	57.8	369.6	220,000*	60.3	373.4	249,100*	66.2	380.1	310,200*										125
130	55.9	366.1	212,200*	58.5	370.3	240,900*	64.5	377.6	306,300*										130
135	54.1	362.5	204,600*	56.7	366.9	232,800*	62.8	375.0	300,400*										135
140	52.1	358.5	197,200*	54.8	363.3	224,800*	61.1	372.1	293,900*										140
145	50.2	354.3	190,100*	52.9	359.5	216,900*	59.3	369.1	287,100*										145
150	48.1	349.7	183,300*	50.9	355.3	209,200*	57.5	365.9	279,700*										150
155	46.0	344.8	176,800*	48.9	350.9	201,700*	55.7	362.4	271,800*	61.8	369.2	287,800*							155
160	43.8	339.5	170,600*	46.9	346.2	194,500*	53.8	358.6	263,900*	60.0	366.2	277,600*							160
165	41.5	333.8	164,800*	44.7	341.0	187,500*	51.9	354.6	255,800*	58.2	363.0	267,900*							165
170	39.1	327.6	159,400*	42.4	335.5	181,000*	49.9	350.4	247,700*	56.4	359.7	258,800*							170
175	36.6	320.9	154,300*	40.1	329.5	174,800*	47.8	345.8	239,000*	54.5	356.0	250,300*							175
180	33.9	313.4	149,700*	37.6	323.0	169,000*	45.7	340.8	228,000*	52.6	352.1	242,100*							180
185	30.9	305.0	145,700*	35.0	315.8	163,600*	43.5	335.5	217,700*	50.7	348.0	234,500*	57.0	355.2	222,700*				185
190	27.7	295.6	142,100*	32.1	307.8	158,700*	41.2	329.7	208,100*	48.6	343.5	227,200*	55.1	351.6	215,700*				190
195	24.1	284.6	139,300*	29.0	298.9	154,300*	38.8	323.4	199,200*	46.6	338.7	220,200*	53.2	347.8	209,100*				195
200	19.8	271.2	137,500*	25.6	288.5	150,500*	36.2	316.5	190,800*	44.4	333.5	213,600*	51.3	343.7	202,800*				200
205	14.1	253.2	121,200*	21.6	276.2	147,600*	33.5	309.0	182,900*	42.1	327.9	207,300*	49.3	339.4	196,800*				205
210				16.6	260.5	135,100*	30.5	300.5	175,400*	39.8	321.9	201,300*	47.2	334.7	191,000*				210
215				8.9	235.5	109,700*	27.2	290.9	168,400*	37.3	315.2	194,400*	45.1	329.6	185,600*	51.7	337.6	169,700*	215
220							23.5	279.6	161,600*	34.6	308.0	186,300*	42.9	324.2	180,300*	49.7	333.3	164,300*	220
225							19.1	265.7	151,400*	31.7	299.9	178,700*	40.5	318.2	175,300*	47.7	328.6	159,200*	225
230							13.1	246.6	135,500*	28.6	290.7	171,500*	38.1	311.8	170,500*	45.5	323.7	154,200*	230
235										25.1	280.2	164,600*	35.5	304.7	165,800*	43.3	318.3	149,500*	235
240										21.0	267.6	158,100*	32.7	296.9	161,400*	41.0	312.5	145,000*	240
245										15.8	251.1	149,900*	29.6	288.2	157,100*	38.6	306.2	140,600*	245
250										7.1	222.7	128,600*	26.2	278.1	152,900*	36.0	299.2	136,400*	250
255													22.4	266.3	148,700*	33.3	291.6	132,300*	255
260													17.6	251.3	144,300*	30.3	283.0	128,400*	260
270																23.2	261.9	120,900*	270
280																12.5	227.9	113,500*	280

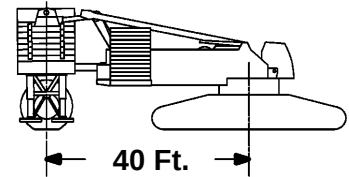


Liftcrane Luffing Jib Capacities

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
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



200 Ft. Boom, 210 Ft. Luffing Jib

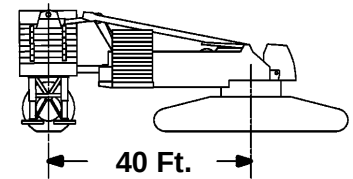
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
80	74.6	412.6	258,800*																80
85	73.2	411.1	253,800*																85
90	71.7	409.4	248,400*																90
95	70.3	407.5	242,800*	72.3	409.4	263,300*													95
100	68.8	405.5	236,800*	70.8	407.6	258,500*													100
105	67.3	403.4	230,700*	69.4	405.7	253,400*													105
110	65.8	401.1	224,300*	67.9	403.6	247,800*													110
115	64.3	398.6	217,800*	66.4	401.4	242,200*													115
120	62.8	396.0	211,300*	64.9	399.0	236,100*													120
125	61.2	393.1	204,800*	63.4	396.4	229,800*													125
130	59.6	390.1	198,300*	61.8	393.6	223,400*	67.1	399.8	268,700*										130
135	58.0	387.0	191,800*	60.2	390.7	216,900*	65.6	397.4	268,700*										135
140	56.3	383.6	185,500*	58.6	387.6	210,300*	64.1	395.0	266,400*										140
145	54.7	380.0	179,300*	57.0	384.3	203,800*	62.5	392.3	261,800*										145
150	52.9	376.1	173,300*	55.3	380.8	197,300*	61.0	389.5	256,600*										150
155	51.2	372.0	167,500*	53.6	377.0	190,900*	59.4	386.4	251,100*										155
160	49.4	367.7	161,900*	51.9	373.0	184,700*	57.7	383.2	245,400*										160
165	47.5	363.0	156,500*	50.1	368.8	178,500*	56.1	379.8	239,100*	61.6	386.5	259,600*							165
170	45.6	358.1	151,300*	48.2	364.3	172,600*	54.4	376.1	232,900*	60.0	383.5	255,200*							170
175	43.6	352.8	146,400*	46.3	359.5	166,900*	52.7	372.3	226,500*	58.4	380.4	246,700*							175
180	41.5	347.1	141,800*	44.4	354.3	161,400*	50.9	368.1	220,000*	56.8	377.1	238,600*							180
185	39.4	340.9	137,400*	42.3	348.7	156,100*	49.1	363.8	213,400*	55.1	373.5	231,000*							185
190	37.1	334.3	133,300*	40.2	342.8	151,000*	47.2	359.1	205,500*	53.4	369.7	223,700*							190
195	34.7	327.0	129,500*	38.0	336.3	146,300*	45.3	354.1	196,600*	51.6	365.7	216,800*	57.3	372.5	205,300*				195
200	32.1	319.0	126,100*	35.7	329.3	141,900*	43.3	348.7	188,200*	49.8	361.4	210,300*	55.6	369.0	199,100*				200
205	29.3	310.2	123,000*	33.2	321.6	137,800*	41.2	342.9	180,400*	48.0	356.9	204,000*	53.9	365.4	193,100*				205
210	26.3	300.1	120,400*	30.5	313.1	134,100*	39.0	336.7	173,000*	46.1	352.0	198,000*	52.2	361.4	187,400*				210
215	22.8	288.5	118,400*	27.5	303.6	130,800*	36.7	330.0	166,000*	44.1	346.8	191,700*	50.4	357.2	182,000*				215
220	18.7	274.3	117,200*	24.2	292.7	128,000*	34.3	322.6	159,400*	42.1	341.2	183,700*	48.6	352.7	176,800*				220
225	13.4	255.3	100,300*	20.4	279.7	126,000*	31.7	314.5	153,200*	39.9	335.1	176,100*	46.7	348.0	171,800*	52.5	355.2	154,200*	225
230				15.7	263.1	112,300*	28.9	305.5	147,200*	37.7	328.6	169,000*	44.7	342.9	167,100*	50.8	351.1	149,300*	230
235				8.4	236.7	90,700*	25.8	295.3	141,600*	35.3	321.5	162,300*	42.7	337.4	162,500*	49.0	346.6	144,700*	235
240							22.3	283.4	136,100*	32.8	313.7	155,900*	40.6	331.5	158,100*	47.1	341.9	140,200*	240
245							18.1	268.7	126,800*	30.1	305.1	149,900*	38.4	325.1	153,700*	45.1	336.9	135,900*	245
250							12.4	248.5	113,400*	27.1	295.4	144,100*	36.1	318.2	149,200*	43.1	331.5	131,800*	250
255										23.8	284.3	138,600*	33.6	310.7	144,800*	41.1	325.7	127,800*	255
260										19.9	270.9	133,300*	31.0	302.4	140,600*	38.9	319.5	124,000*	260
270										6.7	223.6	108,100*	24.9	282.4	132,600*	34.1	305.3	116,700*	270
280													16.7	254.1	124,900*	28.7	288.0	109,900*	280
290																22.0	265.6	103,400*	290
300																11.8	229.8	97,000*	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
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	74.7	432.0	227,100*																85
90	73.4	430.5	223,100*																90
95	72.1	428.8	218,900*																95
100	70.7	427.0	214,500*	72.6	428.8	231,600*													100
105	69.4	425.1	209,800*	71.3	427.1	227,900*													105
110	68.1	423.0	204,800*	69.9	425.2	223,900*													110
115	66.7	420.8	199,800*	68.6	423.2	219,600*													115
120	65.3	418.4	194,600*	67.2	421.0	215,200*													120
125	63.9	415.9	189,400*	65.9	418.7	210,500*													125
130	62.5	413.3	184,100*	64.5	416.3	205,600*													130
135	61.1	410.5	178,800*	63.1	413.7	200,500*	67.9	419.4	232,000*										135
140	59.6	407.5	173,600*	61.7	411.0	195,300*	66.5	417.2	232,000*										140
145	58.2	404.3	168,300*	60.2	408.0	190,000*	65.1	414.8	232,000*										145
150	56.7	401.0	163,200*	58.7	405.0	184,800*	63.7	412.3	232,000*										150
155	55.1	397.4	158,200*	57.3	401.7	179,500*	62.3	409.6	229,200*										155
160	53.6	393.7	153,200*	55.7	398.2	174,200*	60.9	406.8	225,100*										160
165	52.0	389.7	148,400*	54.2	394.6	169,000*	59.4	403.8	220,700*										165
170	50.4	385.5	143,800*	52.6	390.7	163,900*	57.9	400.6	216,200*	62.9	406.6	221,700*							170
175	48.7	381.1	139,300*	51.0	386.6	158,800*	56.4	397.2	211,400*	61.5	403.8	221,700*							175
180	47.0	376.4	134,900*	49.4	382.2	153,900*	54.9	393.6	206,300*	60.0	400.9	221,700*							180
185	45.2	371.3	130,800*	47.7	377.6	149,200*	53.4	389.9	201,300*	58.5	397.7	221,700*							185
190	43.4	366.0	126,800*	45.9	372.7	144,600*	51.8	385.9	196,000*	57.0	394.4	220,400*							190
195	41.5	360.3	123,100*	44.1	367.5	140,100*	50.1	381.6	190,800*	55.5	391.0	214,200*							195
200	39.5	354.2	119,500*	42.3	362.0	135,800*	48.5	377.1	185,500*	54.0	387.3	207,700*							200
205	37.5	347.6	116,200*	40.3	356.0	131,800*	46.7	372.4	178,100*	52.4	383.4	201,500*	57.5	389.9	190,400*				205
210	35.3	340.5	113,000*	38.3	349.6	127,800*	45.0	367.3	170,700*	50.8	379.2	195,500*	56.0	386.5	184,700*				210
215	33.0	332.8	110,200*	36.2	342.8	124,200*	43.1	361.9	163,800*	49.1	374.8	189,300*	54.5	382.9	179,300*				215
220	30.6	324.4	107,600*	34.0	335.3	120,800*	41.2	356.2	157,200*	47.4	370.2	181,300*	52.9	379.0	174,100*				220
225	28.0	315.0	105,200*	31.6	327.2	117,700*	39.3	350.0	151,000*	45.7	365.2	173,800*	51.3	375.0	169,200*				225
230	25.0	304.4	103,300*	29.0	318.2	114,800*	37.2	343.4	145,100*	43.9	360.0	166,700*	49.7	370.6	164,500*				230
235	21.7	292.2	101,900*	26.2	308.2	112,300*	35.0	336.2	139,600*	42.0	354.4	160,000*	48.0	366.1	159,900*				235
240	17.8	277.3	98,200*	23.1	296.6	110,200*	32.7	328.4	134,200*	40.1	348.4	153,700*	46.2	361.2	155,100*	51.6	368.8	136,600*	240
245	12.7	257.4	83,000*	19.5	283.0	105,800*	30.2	319.8	129,200*	38.0	342.0	147,700*	44.5	356.1	150,500*	50.0	364.5	132,400*	245
250				15.0	265.5	93,600*	27.5	310.3	124,300*	35.9	335.0	142,000*	42.6	350.6	146,000*	48.3	360.0	128,300*	250
255				8.0	237.9	74,900*	24.6	299.5	119,600*	33.6	327.5	136,600*	40.7	344.7	141,700*	46.6	355.2	124,300*	255
260							21.2	287.0	115,100*	31.2	319.2	131,400*	38.7	338.4	137,500*	44.8	350.1	120,600*	260
270							11.8	250.4	95,100*	25.8	299.9	121,800*	34.4	324.3	129,700*	41.1	339.0	113,400*	270
280										18.9	274.1	112,800*	29.5	307.5	122,300*	37.0	326.1	106,700*	280
290										6.3	224.5	91,000*	23.7	286.5	115,400*	32.5	311.0	100,400*	290
300													15.9	256.7	108,700*	27.3	292.8	94,500*	300
310																20.9	269.1	88,900*	310
320																11.2	231.5	83,300*	320

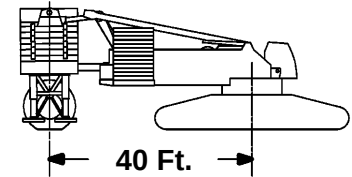


Liftcrane Luffing Jib Capacities

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
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



200 Ft. Boom, 250 Ft. Luffing Jib

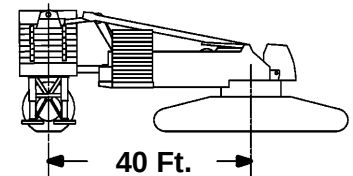
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	74.7	451.4	198,800*																90
95	73.5	449.9	195,700*																95
100	72.3	448.2	192,400*																100
105	71.1	446.5	188,900*	72.8	448.2	203,000*													105
110	69.9	444.6	185,300*	71.6	446.5	200,200*													110
115	68.7	442.6	181,500*	70.4	444.7	197,200*													115
120	67.4	440.5	177,600*	69.2	442.8	194,000*													120
125	66.2	438.2	173,500*	67.9	440.7	190,500*													125
130	64.9	435.8	169,400*	66.7	438.5	187,000*													130
135	63.6	433.3	165,200*	65.4	436.1	183,200*													135
140	62.3	430.6	160,900*	64.1	433.7	179,200*													140
145	61.0	427.8	156,700*	62.8	431.0	175,200*	67.2	436.9	199,200*										145
150	59.7	424.8	152,400*	61.5	428.3	171,100*	66.0	434.6	199,200*										150
155	58.3	421.7	148,200*	60.2	425.4	166,900*	64.7	432.2	199,200*										155
160	56.9	418.4	144,000*	58.8	422.3	162,600*	63.4	429.6	199,200*										160
165	55.5	414.9	139,900*	57.5	419.0	158,400*	62.1	426.9	197,900*										165
170	54.1	411.2	135,800*	56.1	415.6	154,100*	60.8	424.1	193,000*										170
175	52.7	407.3	131,900*	54.7	412.0	149,900*	59.5	421.1	188,000*										175
180	51.2	403.3	128,000*	53.2	408.3	145,700*	58.1	417.9	182,900*	62.6	423.9	189,500*							180
185	49.7	399.0	124,200*	51.8	404.3	141,600*	56.7	414.6	177,800*	61.3	421.1	189,500*							185
190	48.1	394.4	120,600*	50.3	400.1	137,600*	55.3	411.1	172,700*	60.0	418.2	189,500*							190
195	46.6	389.6	117,100*	48.8	395.6	133,600*	53.9	407.4	167,800*	58.7	415.1	185,100*							195
200	44.9	384.6	113,700*	47.2	390.9	129,700*	52.5	403.5	162,800*	57.3	411.8	180,400*							200
205	43.2	379.2	110,500*	45.6	386.0	126,000*	51.0	399.4	157,900*	55.9	408.4	175,600*							205
210	41.5	373.5	107,400*	43.9	380.7	122,400*	49.5	395.1	153,000*	54.5	404.8	170,700*							210
215	39.7	367.5	104,400*	42.2	375.2	118,900*	47.9	390.5	148,300*	53.0	401.0	165,900*	57.7	407.3	175,600*				215
220	37.8	361.0	101,700*	40.4	369.3	115,400*	46.3	385.7	143,600*	51.6	396.9	161,100*	56.3	403.9	170,500*				220
225	35.9	354.0	99,100*	38.6	363.0	112,200*	44.7	380.6	139,000*	50.1	392.7	156,300*	54.9	400.3	165,500*				225
230	33.8	346.5	96,600*	36.6	356.2	109,200*	43.0	375.1	134,500*	48.5	388.2	151,600*	53.5	396.6	160,300*				230
235	31.6	338.4	94,300*	34.6	348.9	106,300*	41.2	369.4	130,200*	47.0	383.5	146,900*	52.0	392.6	155,300*				235
240	29.3	329.5	92,300*	32.5	341.1	103,800*	39.4	363.3	125,900*	45.3	378.5	142,300*	50.6	388.5	150,500*				240
245	26.7	319.7	90,600*	30.2	332.5	101,200*	37.5	356.7	121,700*	43.7	373.2	137,800*	49.0	384.1	145,900*				245
250	24.0	308.6	89,200*	27.8	323.0	99,000*	35.6	349.7	117,600*	42.0	367.6	133,300*	47.5	379.4	141,500*	52.3	386.4	123,400*	250
255	20.8	295.7	88,200*	25.1	312.5	97,100*	33.5	342.1	113,700*	40.2	361.6	129,000*	45.9	374.5	137,200*	50.9	382.3	119,500*	255
260	17.0	280.2	80,800*	22.1	300.4	95,300*	31.3	333.9	109,900*	38.3	355.3	124,700*	44.2	369.3	133,100*	49.3	378.0	115,700*	260
270				14.3	267.9	77,000*	26.4	314.9	102,600*	34.3	341.1	116,600*	40.7	358.0	125,300*	46.2	368.5	108,700*	270
280							20.3	290.4	95,700*	29.9	324.5	108,700*	37.0	345.1	118,100*	42.9	358.0	102,100*	280
290							11.2	252.2	78,700*	24.7	304.1	101,600*	32.9	330.1	111,300*	39.3	346.0	96,000*	290
300										18.1	277.1	94,700*	28.2	312.4	105,000*	35.4	332.4	90,200*	300
310										6.0	225.3	75,500*	22.7	290.3	98,900*	31.1	316.5	84,800*	310
320													15.2	259.2	92,300*	26.2	297.3	79,600*	320
330																20.0	272.5	74,600*	330
340																10.7	233.2	69,700*	340

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	74.8	470.8	174,800*																95
100	73.7	469.2	172,400*																100
105	72.6	467.6	169,700*																105
110	71.5	465.9	166,900*																110
115	70.3	464.1	164,000*	71.9	466.0	176,500*													115
120	69.2	462.1	161,000*	70.8	464.2	174,200*													120
125	68.0	460.1	157,900*	69.6	462.3	171,600*													125
130	66.9	457.9	154,600*	68.5	460.3	168,900*													130
135	65.7	455.6	151,300*	67.3	458.1	166,100*													135
140	64.5	453.2	147,900*	66.2	455.9	163,100*													140
145	63.3	450.6	144,500*	65.0	453.5	160,100*													145
150	62.1	447.9	141,000*	63.8	451.0	156,900*	67.9	456.5	172,200*										150
155	60.9	445.1	137,600*	62.6	448.4	153,600*	66.7	454.3	172,200*										155
160	59.7	442.1	134,100*	61.4	445.6	150,300*	65.5	452.0	172,200*										160
165	58.4	439.0	130,600*	60.2	442.7	146,900*	64.4	449.5	172,200*										165
170	57.2	435.7	127,200*	58.9	439.6	143,400*	63.2	447.0	172,200*										170
175	55.9	432.3	123,800*	57.7	436.4	140,000*	62.0	444.2	169,600*										175
180	54.6	428.7	120,500*	56.4	433.0	136,500*	60.7	441.4	165,000*										180
185	53.2	424.9	117,200*	55.1	429.5	133,000*	59.5	438.4	160,300*										185
190	51.9	420.9	114,000*	53.8	425.8	129,600*	58.3	435.3	155,700*	62.5	441.2	163,000*							190
195	50.5	416.8	110,800*	52.4	421.9	126,200*	57.0	432.0	151,000*	61.2	438.4	163,000*							195
200	49.1	412.4	107,800*	51.1	417.8	122,900*	55.7	428.5	146,400*	60.0	435.5	161,700*							200
205	47.7	407.8	104,800*	49.7	413.5	119,600*	54.4	424.9	141,800*	58.8	432.4	157,500*							205
210	46.2	402.9	102,000*	48.2	409.0	116,400*	53.1	421.1	137,300*	57.5	429.2	153,100*							210
215	44.7	397.8	99,200*	46.8	404.2	113,200*	51.7	417.1	132,800*	56.2	425.8	148,700*							215
220	43.1	392.4	96,500*	45.3	399.2	110,200*	50.3	412.9	128,400*	54.9	422.2	144,300*							220
225	41.5	386.7	94,000*	43.7	394.0	107,100*	48.9	408.5	124,100*	53.6	418.5	139,800*	57.9	424.6	151,700*				225
230	39.8	380.7	91,600*	42.1	388.4	104,100*	47.4	403.8	119,900*	52.2	414.6	135,500*	56.6	421.3	148,100*				230
235	38.1	374.3	89,300*	40.5	382.5	100,300*	46.0	399.0	115,700*	50.9	410.5	131,100*	55.3	417.8	144,200*				235
240	36.3	367.5	87,100*	38.8	376.2	96,600*	44.4	393.8	111,600*	49.5	406.1	126,900*	54.0	414.1	140,200*				240
245	34.4	360.1	85,000*	37.0	369.6	93,000*	42.9	388.4	107,700*	48.0	401.6	122,600*	52.7	410.2	136,100*				245
250	32.5	352.3	83,200*	35.2	362.5	89,600*	41.3	382.6	103,800*	46.6	396.8	118,400*	51.3	406.2	132,000*				250
255	30.4	343.7	81,000*	33.2	354.8	86,200*	39.6	376.5	100,000*	45.1	391.8	114,400*	49.9	401.9	127,900*				255
260	28.1	334.4	77,900*	31.2	346.6	82,900*	37.9	370.1	96,300*	43.5	386.5	110,400*	48.5	397.5	123,800*	52.9	404.0	112,100*	260
270	23.0	312.5	72,000*	26.7	327.7	76,700*	34.1	355.8	89,200*	40.3	374.9	102,600*	45.5	387.8	115,800*	50.2	395.8	105,000*	270
280	16.4	282.9	65,800*	21.2	304.0	70,800*	30.0	339.2	82,600*	36.8	361.9	95,200*	42.4	377.0	108,000*	47.3	386.7	98,500*	280
290				13.7	270.1	62,700*	25.3	319.3	76,300*	33.0	347.0	88,200*	39.1	365.0	100,500*	44.3	376.6	92,500*	290
300							19.5	293.7	70,500*	28.7	329.5	81,600*	35.5	351.4	93,300*	41.1	365.4	86,800*	300
310							10.8	253.9	64,600*	23.7	308.2	75,400*	31.6	335.7	86,500*	37.7	352.8	81,400*	310
320										17.4	280.0	69,700*	27.1	317.2	80,100*	34.0	338.4	76,400*	320
330										5.7	226.1	62,200*	21.8	294.0	74,000*	29.9	321.7	71,600*	330
340													14.5	261.6	68,500*	25.1	301.6	67,000*	340
350																19.2	275.8	62,600*	350
360																10.3	234.9	58,200*	360

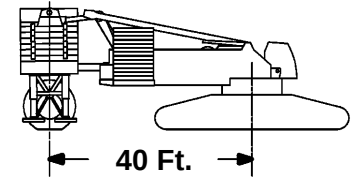


Liftcrane Luffing Jib Capacities

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
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



200 Ft. Boom, 290 Ft. Luffing Jib

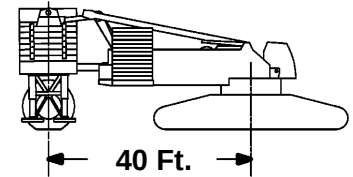
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	74.9	490.1	153,500*																100
105	73.8	488.6	151,500*																105
110	72.8	487.0	149,300*																110
115	71.7	485.4	147,100*																115
120	70.7	483.6	144,800*	72.2	485.4	154,700*													120
125	69.6	481.7	142,300*	71.1	483.6	153,400*													125
130	68.6	479.7	139,800*	70.1	481.8	151,400*													130
135	67.5	477.5	137,200*	69.0	479.8	149,300*													135
140	66.4	475.3	134,600*	67.9	477.8	147,100*													140
145	65.3	473.0	131,900*	66.8	475.6	144,700*													145
150	64.2	470.5	129,100*	65.8	473.3	142,300*													150
155	63.1	468.0	126,300*	64.7	470.9	139,700*													155
160	62.0	465.2	123,500*	63.6	468.4	137,100*	67.3	474.0	148,800*										160
165	60.9	462.4	120,600*	62.4	465.7	134,500*	66.3	471.7	148,800*										165
170	59.7	459.5	117,800*	61.3	462.9	131,800*	65.2	469.4	148,800*										170
175	58.5	456.3	115,000*	60.2	460.0	129,100*	64.1	466.9	148,800*										175
180	57.4	453.1	112,100*	59.0	457.0	126,300*	63.0	464.3	146,700*										180
185	56.2	449.7	109,400*	57.8	453.8	123,500*	61.8	461.6	142,500*										185
190	55.0	446.1	106,600*	56.6	450.4	120,600*	60.7	458.7	138,200*										190
195	53.7	442.4	103,900*	55.4	446.9	117,200*	59.5	455.7	133,900*										195
200	52.5	438.5	101,200*	54.2	443.3	113,000*	58.4	452.6	129,500*	62.3	458.5	139,700*							200
205	51.2	434.5	98,600*	53.0	439.5	108,900*	57.2	449.4	125,100*	61.2	455.7	139,100*							205
210	49.9	430.2	96,100*	51.7	435.5	104,900*	56.0	445.9	121,000*	60.0	452.8	135,200*							210
215	48.6	425.8	93,600*	50.4	431.3	100,900*	54.8	442.4	116,800*	58.8	449.7	131,100*							215
220	47.2	421.1	90,900*	49.1	426.9	97,000*	53.6	438.6	112,600*	57.7	446.5	126,900*							220
225	45.9	416.2	87,300*	47.8	422.4	93,200*	52.3	434.7	108,500*	56.5	443.2	122,800*							225
230	44.4	411.1	83,700*	46.4	417.5	89,500*	51.0	430.6	104,400*	55.3	439.7	118,700*							230
235	43.0	405.7	80,200*	45.0	412.5	85,900*	49.7	426.3	100,300*	54.1	436.0	114,700*							235
240	41.5	400.0	76,900*	43.6	407.2	82,200*	48.4	421.9	96,400*	52.8	432.2	110,700*	56.9	438.7	122,400*				240
245	39.9	394.0	73,500*	42.1	401.6	78,800*	47.0	417.1	92,600*	51.5	428.1	106,700*	55.7	435.2	118,700*				245
250	38.3	387.6	70,300*	40.6	395.7	75,400*	45.7	412.2	88,900*	50.2	423.9	102,600*	54.4	431.6	114,900*				250
255	36.7	380.9	67,100*	39.0	389.5	72,100*	44.2	407.0	85,200*	48.9	419.5	98,700*	53.2	427.8	111,100*				255
260	35.0	373.7	64,000*	37.4	383.0	68,900*	42.8	401.6	81,700*	47.6	414.9	94,900*	51.9	423.8	107,200*				260
270	31.2	357.8	58,200*	33.9	368.5	62,800*	39.7	389.8	74,800*	44.8	405.0	87,500*	49.4	415.4	99,700*				270
280	27.1	339.1	52,600*	30.0	351.9	56,900*	36.4	376.6	68,300*	41.9	394.1	80,400*	46.7	406.0	92,300*	50.9	413.5	93,700*	280
290	22.1	316.3	47,500*	25.7	332.1	51,400*	32.9	361.6	62,100*	38.8	381.9	73,600*	43.8	395.8	85,200*	48.3	404.7	87,700*	290
300	15.7	285.5	42,700*	20.4	307.5	46,300*	28.9	344.2	56,300*	35.4	368.2	67,100*	40.8	384.5	78,300*	45.5	395.1	82,100*	300
310				13.2	272.3	41,700*	24.4	323.5	50,900*	31.7	352.6	61,100*	37.6	371.8	71,700*	42.7	384.4	76,900*	310
320							18.8	296.9	45,800*	27.6	334.3	55,300*	34.2	357.5	65,400*	39.6	372.6	71,900*	320
330							10.3	255.6	41,200*	22.8	312.2	49,900*	30.4	341.1	59,500*	36.3	359.3	67,200*	330
340										16.7	282.8	45,000*	26.1	321.7	53,900*	32.7	344.2	62,800*	340
350										5.5	226.9	40,700*	20.9	297.6	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
860,000 Lb. Wheeled Counterweight
at 40 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



200 Ft. Boom, 310 Ft. Luffing Jib

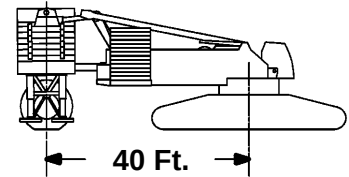
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105	74.9	509.5	134,800*																105
110	73.9	508.0	133,200*																110
115	73.0	506.5	131,400*																115
120	72.0	504.8	129,600*																120
125	71.0	503.0	127,700*	72.4	504.8	134,700*													125
130	70.0	501.2	125,800*	71.4	503.1	134,400*													130
135	69.0	499.2	123,700*	70.4	501.3	133,400*													135
140	68.0	497.2	121,700*	69.4	499.4	131,800*													140
145	67.0	495.0	119,600*	68.4	497.4	130,000*													145
150	66.0	492.7	117,300*	67.4	495.2	128,200*													150
155	65.0	490.4	115,100*	66.4	493.0	126,200*													155
160	64.0	487.9	112,800*	65.4	490.7	124,200*													160
165	62.9	485.3	110,600*	64.4	488.2	122,200*	67.9	493.6	128,400*										165
170	61.9	482.6	108,300*	63.3	485.7	120,000*	66.9	491.4	128,400*										170
175	60.8	479.7	105,900*	62.3	483.0	117,900*	65.9	489.1	128,400*										175
180	59.7	476.8	103,600*	61.2	480.2	115,500*	64.8	486.7	128,300*										180
185	58.6	473.7	101,300*	60.2	477.3	111,500*	63.8	484.2	126,700*										185
190	57.5	470.5	99,000*	59.1	474.3	107,500*	62.8	481.6	122,700*										190
195	56.4	467.1	96,700*	58.0	471.1	103,500*	61.7	478.9	118,700*										195
200	55.3	463.6	93,200*	56.9	467.8	99,600*	60.6	476.0	114,700*										200
205	54.2	459.9	89,500*	55.7	464.4	95,700*	59.6	473.1	110,700*										205
210	53.0	456.1	85,800*	54.6	460.8	91,800*	58.5	470.0	106,600*	62.1	475.9	119,200*							210
215	51.8	452.1	82,100*	53.5	457.0	88,000*	57.4	466.7	102,800*	61.1	473.1	115,500*							215
220	50.6	448.0	78,500*	52.3	453.1	84,300*	56.3	463.3	98,900*	60.0	470.1	111,800*							220
225	49.4	443.7	75,000*	51.1	449.0	80,600*	55.1	459.8	95,000*	58.9	467.1	108,000*							225
230	48.1	439.2	71,500*	49.9	444.8	77,000*	54.0	456.1	91,100*	57.8	463.9	104,200*							230
235	46.9	434.4	68,200*	48.6	440.3	73,500*	52.8	452.3	87,300*	56.7	460.6	100,300*							235
240	45.6	429.5	64,900*	47.4	435.7	70,100*	51.6	448.3	83,500*	55.6	457.1	96,700*							240
245	44.2	424.3	61,700*	46.1	430.8	66,700*	50.4	444.1	79,800*	54.5	453.5	92,900*							245
250	42.9	418.9	58,600*	44.8	425.8	63,500*	49.2	439.8	76,300*	53.3	449.7	89,100*	57.1	456.0	100,100*				250
255	41.5	413.2	55,500*	43.4	420.4	60,300*	48.0	435.2	72,700*	52.1	445.8	85,400*	56.0	452.6	96,600*				255
260	40.0	407.2	52,500*	42.0	414.9	57,200*	46.7	430.5	69,300*	50.9	441.7	81,800*	54.8	449.0	93,000*				260
270	37.0	394.2	46,700*	39.1	402.8	51,100*	44.1	420.3	62,700*	48.5	432.9	74,600*	52.5	441.5	86,100*				270
280	33.8	379.7	41,300*	36.1	389.4	45,400*	41.3	409.1	56,300*	45.9	423.4	67,800*	50.1	433.2	79,100*				280
290	30.2	363.1	36,100*	32.7	374.3	40,000*	38.3	396.7	50,300*	43.2	412.9	61,200*	47.6	424.2	72,200*	51.6	431.2	81,900*	290
300	26.1	343.7	31,200*	29.0	356.9	34,900*	35.2	382.9	44,600*	40.4	401.4	55,000*	45.0	414.3	65,600*	49.1	422.7	75,600*	300
310	21.4	320.0	26,700*	24.8	336.5	30,100*	31.7	367.2	39,200*	37.4	388.6	49,000*	42.3	403.5	59,200*	46.6	413.3	69,100*	310
320	15.2	288.1	22,500*	19.7	310.9	25,600*	27.9	349.1	34,200*	34.2	374.3	43,400*	39.4	391.6	53,100*	43.9	403.1	62,900*	320
330				12.7	274.4	21,500*	23.5	327.5	29,400*	30.7	358.0	38,100*	36.3	378.3	47,400*	41.2	391.9	56,700*	330
340							18.1	300.0	25,000*	26.7	339.0	33,200*	33.0	363.3	41,900*	38.2	379.4	50,800*	340
350							10.0	257.2	21,000*	22.0	316.0	28,500*	29.4	346.2	36,700*	35.1	365.5	45,300*	350
360										16.1	285.5	24,100*	25.2	326.1	31,800*	31.6	349.8	40,000*	360
370										5.3	227.6	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
 860,000 Lb. Wheeled Counterweight
 at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.0	316.6	545,600*c																50
55	70.6	314.7	527,900*c																55
60	67.2	312.5	508,000*b	72.5	315.1	556,300*c													60
65	63.6	309.9	486,800*b	69.0	313.1	539,300*b													65
70	59.8	306.8	465,200*b	65.5	310.6	519,900*b													70
75	56.0	303.3	443,700*	61.8	307.8	499,000*b													75
80	51.9	299.2	423,100*	58.1	304.6	477,500*													80
85	47.5	294.5	403,300*	54.1	300.8	456,000*													85
90	42.7	289.0	385,100*	49.9	296.5	435,100*	64.8	307.3	554,800*b										90
95	37.4	282.3	369,300*	45.3	291.4	415,300*	61.1	304.4	524,400*b										95
100	31.3	274.1	356,500*	40.3	285.4	397,000*	57.3	301.0	496,900*										100
105	23.6	263.1	313,800*	34.7	278.1	381,100*	53.3	297.1	472,000*										105
110	10.5	243.1	239,300*	28.0	268.8	356,200*	49.0	292.7	449,200*										110
115				18.9	255.4	291,800*	44.4	287.4	428,300*	60.2	299.0	409,500*b							115
120							39.3	281.2	409,000*	56.3	295.6	391,200*							120
125							33.5	273.6	391,200*	52.2	291.5	374,300*							125
130							26.5	263.8	368,400*	47.9	286.9	358,600*							130
135							16.5	248.8	298,700*	43.1	281.4	344,000*							135
140										37.9	274.9	330,400*	54.9	288.1	315,500*				140
145										31.9	266.8	317,600*	50.7	283.9	303,400*				145
150										24.4	256.1	305,500*	46.2	278.9	292,100*				150
155										12.3	237.8	293,600*	41.4	273.1	281,400*				155
160													35.9	266.1	271,400*	52.9	278.5	258,800*	160
165													29.5	257.4	261,800*	48.6	273.9	249,800*	165
170													21.1	245.1	252,600*	44.0	268.6	241,300*	170
175																38.9	262.3	233,300*	175
180																33.0	254.6	225,600*	180
185																25.9	244.5	218,200*	185
190																15.3	228.7	210,800*	190

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

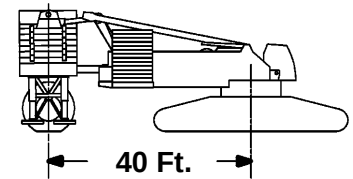
Capacities indicated by (c) require
 37,000 Lb. minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.3	336.0	468,200*c																55
60	71.6	334.3	454,100*b																60
65	68.7	332.2	438,600*b																65
70	65.9	329.9	422,000*b	70.2	332.7	466,200*b													70
75	62.9	327.2	404,800*	67.4	330.5	451,300*b													75
80	59.9	324.2	387,600*	64.5	328.0	435,100*b													80
85	56.7	320.8	370,500*	61.5	325.1	418,200*													85
90	53.4	316.9	354,100*	58.4	322.0	401,000*													90
95	50.0	312.6	338,300*	55.2	318.4	383,900*	66.8	327.1	490,400*b										95
100	46.4	307.7	323,400*	51.9	314.3	367,200*	63.9	324.6	478,100*										100
105	42.5	302.2	309,600*	48.3	309.7	351,100*	60.9	321.7	463,800*										105
110	38.2	295.7	297,300*	44.6	304.6	335,800*	57.8	318.4	447,700*										110
115	33.5	288.1	286,700*	40.6	298.6	321,700*	54.6	314.7	426,900*										115
120	28.0	278.8	278,500*	36.1	291.7	309,100*	51.2	310.6	407,900*										120
125	21.1	266.5	263,500*	31.1	283.4	298,300*	47.6	305.9	390,300*	60.1	316.4	372,300*							125
130	9.1	244.1	204,000*	25.0	272.9	290,200*	43.8	300.6	374,000*	57.0	313.0	356,800*							130
135				16.8	257.9	247,300*	39.7	294.5	358,900*	53.7	309.2	342,400*							135
140							35.2	287.3	344,700*	50.3	304.9	328,900*							140
145							30.0	278.7	331,400*	46.7	300.1	316,400*							145
150							23.7	267.7	310,500*	42.8	294.6	304,700*	55.9	305.6	290,100*				150
155							14.6	250.9	255,200*	38.6	288.2	293,600*	52.5	301.6	279,600*				155
160										33.9	280.8	283,200*	49.1	297.2	269,700*				160
165										28.5	271.6	273,300*	45.4	292.1	260,500*				165
170										21.7	259.6	263,900*	41.4	286.4	251,700*				170
175										10.8	239.2	254,500*	37.0	279.6	243,300*	50.9	291.9	231,300*	175
180													32.1	271.7	235,400*	47.3	287.2	223,900*	180
185													26.3	261.7	227,800*	43.5	281.8	216,800*	185
190													18.7	248.0	220,400*	39.4	275.6	210,000*	190
195																34.8	268.4	203,500*	195
200																29.5	259.6	197,300*	200
205																23.1	248.3	191,300*	205
210																13.5	230.6	185,300*	210

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

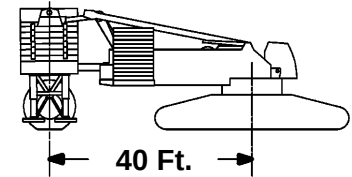
Capacities indicated by **(c)** require
37,000 Lb. minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 860,000 Lb. Wheeled Counterweight
 at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	74.5	355.4	403,500*																60
65	72.2	353.7	392,500*																65
70	69.8	351.8	380,400*																70
75	67.4	349.6	367,400*	71.1	352.2	404,400*													75
80	65.0	347.2	354,200*	68.7	350.1	393,100*													80
85	62.5	344.5	340,500*	66.3	347.8	380,700*													85
90	59.9	341.5	326,800*	63.8	345.3	367,600*													90
95	57.2	338.2	313,300*	61.3	342.4	354,300*													95
100	54.5	334.5	300,000*	58.7	339.3	340,600*													100
105	51.7	330.5	287,400*	56.0	335.8	327,000*	65.8	344.5	419,300*										105
110	48.7	326.0	275,500*	53.2	332.0	313,400*	63.3	341.9	409,100*										110
115	45.6	321.0	264,000*	50.3	327.7	300,500*	60.8	339.0	397,700*										115
120	42.3	315.4	253,600*	47.3	323.0	287,900*	58.2	335.8	385,300*										120
125	38.8	309.1	244,000*	44.1	317.8	276,400*	55.5	332.2	372,200*										125
130	34.9	301.9	235,500*	40.7	311.9	265,200*	52.7	328.3	358,900*	62.7	336.7	353,000*							130
135	30.6	293.4	228,200*	37.0	305.2	255,200*	49.7	324.0	345,400*	60.1	333.7	338,700*							135
140	25.5	283.1	222,900*	33.0	297.4	246,400*	46.7	319.2	332,100*	57.5	330.4	325,400*							140
145	19.2	269.6	220,300*	28.3	288.2	239,000*	43.5	313.8	319,100*	54.7	326.8	313,000*							145
150	8.1	245.0	173,000*	22.8	276.7	233,600*	40.0	307.8	306,500*	51.9	322.7	301,400*							150
155				15.2	260.2	209,300*	36.3	300.9	294,700*	49.0	318.3	290,500*							155
160							32.1	292.9	283,800*	45.9	313.4	280,300*	56.5	323.0	266,000*				160
165							27.4	283.4	273,900*	42.6	307.8	270,600*	53.8	319.3	256,800*				165
170							21.6	271.2	252,600*	39.1	301.6	261,500*	50.9	315.1	248,200*				170
175							13.2	252.8	217,700*	35.2	294.4	252,800*	47.9	310.5	240,000*				175
180										31.0	286.1	244,600*	44.7	305.4	232,200*				180
185										26.0	276.0	236,800*	41.4	299.6	224,900*	52.4	309.7	213,000*	185
190										19.8	262.8	229,200*	37.8	293.1	217,900*	49.5	305.3	206,300*	190
195										9.7	240.5	220,100*	33.8	285.5	211,200*	46.4	300.4	200,000*	195
200													29.3	276.7	204,800*	43.2	295.0	194,000*	200
205													24.0	265.7	198,600*	39.7	288.9	188,300*	205
210													17.0	250.7	192,600*	35.9	282.0	182,800*	210
215																31.8	273.9	177,500*	215
220																26.9	264.2	172,300*	220
225																21.0	251.7	167,400*	225
230																12.2	232.4	161,800*	230

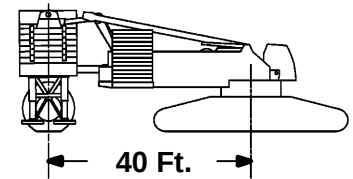
Capacities indicated by (b) require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.6	374.8	350,700*																65
70	72.6	373.2	342,000*																70
75	70.6	371.3	332,400*																75
80	68.5	369.3	322,400*	71.7	371.6	353,500*													80
85	66.4	367.0	311,800*	69.6	369.7	344,600*													85
90	64.3	364.5	300,900*	67.6	367.6	335,000*													90
95	62.1	361.8	289,900*	65.4	365.2	325,000*													95
100	59.9	358.8	279,000*	63.3	362.6	314,400*													100
105	57.6	355.5	268,200*	61.1	359.7	303,500*													105
110	55.3	352.0	257,600*	58.9	356.6	292,500*	67.2	364.3	369,200*										110
115	52.9	348.1	247,500*	56.5	353.2	281,600*	65.0	361.8	362,000*										115
120	50.4	343.9	237,600*	54.2	349.5	270,800*	62.9	359.2	353,700*										120
125	47.8	339.3	228,400*	51.7	345.5	260,300*	60.7	356.3	344,400*										125
130	45.1	334.2	219,600*	49.2	341.1	250,200*	58.4	353.1	334,500*										130
135	42.2	328.6	211,500*	46.5	336.3	240,500*	56.1	349.7	324,300*										135
140	39.1	322.4	203,900*	43.7	331.0	231,300*	53.7	345.9	313,600*	62.3	354.0	322,900*							140
145	35.9	315.4	197,100*	40.8	325.1	222,700*	51.2	341.8	302,600*	60.1	351.0	310,500*							145
150	32.3	307.5	191,200*	37.6	318.6	214,500*	48.7	337.4	291,800*	57.8	347.8	299,000*							150
155	28.3	298.3	186,100*	34.2	311.2	207,400*	46.0	332.4	281,200*	55.5	344.2	288,200*							155
160	23.6	287.1	182,500*	30.5	302.7	201,000*	43.2	327.0	270,800*	53.1	340.4	278,000*							160
165	17.7	272.4	181,200*	26.2	292.7	195,800*	40.2	321.0	260,700*	50.6	336.2	268,500*							165
170	7.4	245.9	146,500*	21.1	280.2	192,200*	37.0	314.4	251,100*	48.0	331.6	259,400*	57.0	340.4	245,600*				170
175				14.0	262.4	178,800*	33.5	306.8	242,200*	45.3	326.6	250,900*	54.6	336.8	237,500*				175
180							29.7	298.0	234,000*	42.4	321.0	242,800*	52.2	332.8	229,800*				180
185							25.3	287.6	226,700*	39.4	314.9	235,100*	49.7	328.5	222,600*				185
190							19.9	274.5	208,200*	36.1	308.0	227,800*	47.1	323.8	215,700*				190
195							12.1	254.6	184,200*	32.6	300.1	220,900*	44.3	318.6	209,100*				195
200										28.6	291.0	214,200*	41.4	312.8	202,800*	51.0	323.2	191,500*	200
205										24.0	280.1	207,800*	38.3	306.4	196,800*	48.5	318.6	185,900*	205
210										18.2	265.8	201,600*	34.9	299.2	191,100*	45.8	313.7	180,500*	210
215										8.8	241.6	184,800*	31.3	291.0	185,600*	42.9	308.2	175,300*	215
220													27.1	281.3	180,300*	40.0	302.2	170,300*	220
225													22.2	269.4	175,200*	36.7	295.4	165,100*	225
230													15.7	253.2	170,200*	33.3	287.8	160,100*	230
235																29.4	278.9	155,200*	235
240																24.9	268.4	150,400*	240
245																19.4	254.9	145,800*	245
250																11.2	234.0	141,000*	250

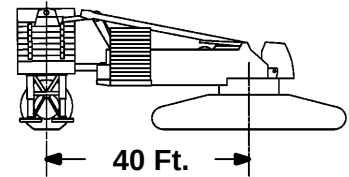
Capacities indicated by (b) require
21,000 Lb. minimum weight suspended
beneath luffing jib point.

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
 860,000 Lb. Wheeled Counterweight
 at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	74.7	394.2	305,300*																70
75	73.0	392.6	298,500*																75
80	71.2	390.8	291,000*																80
85	69.4	388.9	283,200*	72.1	391.1	309,100*													85
90	67.5	386.7	274,900*	70.3	389.2	302,400*													90
95	65.7	384.4	266,400*	68.5	387.2	295,000*													95
100	63.8	381.8	257,600*	66.7	385.0	287,300*													100
105	61.9	379.1	248,800*	64.8	382.5	279,000*													105
110	59.9	376.1	240,100*	62.9	379.9	270,500*													110
115	57.9	372.9	231,400*	61.0	377.1	261,800*													115
120	55.9	369.5	223,000*	59.0	374.0	253,000*	66.3	381.6	319,300*										120
125	53.8	365.7	214,700*	57.0	370.6	244,300*	64.4	379.2	313,400*										125
130	51.6	361.7	206,800*	54.9	367.1	235,600*	62.5	376.5	306,800*										130
135	49.4	357.3	199,200*	52.8	363.2	227,100*	60.6	373.6	299,400*										135
140	47.0	352.6	191,900*	50.6	359.0	218,900*	58.6	370.5	291,600*										140
145	44.6	347.4	185,000*	48.3	354.5	210,900*	56.6	367.1	283,600*										145
150	42.1	341.8	178,600*	45.9	349.5	203,200*	54.5	363.5	275,100*	62.0	371.3	295,200*							150
155	39.4	335.7	172,600*	43.5	344.2	196,000*	52.3	359.5	266,400*	60.1	368.3	284,500*							155
160	36.6	328.9	167,100*	40.9	338.4	189,100*	50.1	355.3	257,600*	58.1	365.1	274,400*							160
165	33.5	321.3	162,200*	38.1	331.9	182,700*	47.8	350.7	248,900*	56.0	361.7	264,900*							165
170	30.2	312.7	157,900*	35.2	324.8	176,600*	45.5	345.7	240,400*	53.9	358.0	255,900*							170
175	26.4	302.8	154,200*	32.0	316.8	171,400*	43.0	340.2	232,100*	51.8	354.0	247,500*							175
180	22.0	290.8	151,900*	28.5	307.6	166,800*	40.4	334.3	224,000*	49.5	349.6	239,400*	57.4	357.8	226,000*				180
185	16.5	275.1	151,200*	24.5	296.8	163,000*	37.6	327.7	216,200*	47.2	344.9	231,900*	55.3	354.3	218,800*				185
190	6.8	246.7	121,500*	19.7	283.4	160,600*	34.6	320.5	208,900*	44.8	339.8	224,600*	53.2	350.5	211,900*				190
195				13.0	264.4	148,600*	31.4	312.2	202,000*	42.3	334.2	217,800*	51.0	346.3	205,400*				195
200							27.8	302.8	195,800*	39.7	328.1	211,300*	48.7	341.9	199,200*				200
205							23.6	291.6	188,700*	36.8	321.4	205,000*	46.4	337.0	193,400*				205
210							18.6	277.5	172,800*	33.8	313.9	199,000*	44.0	331.8	187,700*	52.2	340.9	176,500*	210
215							11.2	256.3	153,400*	30.5	305.4	193,300*	41.4	326.0	182,300*	49.9	336.6	170,900*	215
220										26.8	295.6	187,800*	38.7	319.7	177,200*	47.7	332.0	165,500*	220
225										22.4	283.8	182,500*	35.8	312.8	172,200*	45.3	326.9	160,400*	225
230										17.0	268.5	176,100*	32.7	304.9	167,500*	42.8	321.5	155,400*	230
235										8.2	242.7	154,500*	29.2	296.0	162,900*	40.1	315.5	150,700*	235
240													25.3	285.6	158,400*	37.3	308.9	146,200*	240
245													20.7	272.9	154,100*	34.3	301.5	141,800*	245
250													14.6	255.5	149,800*	31.1	293.2	137,500*	250
255																27.5	283.7	133,400*	255
260																23.3	272.3	129,400*	260
270																10.4	235.5	121,300*	270

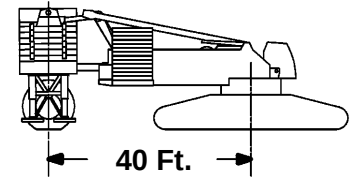
Capacities indicated by (b) require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

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
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	74.8	413.5	267,600*																75
80	73.2	412.0	262,100*																80
85	71.7	410.3	256,200*																85
90	70.0	408.4	250,000*	72.5	410.5	271,800*													90
95	68.4	406.3	243,400*	70.9	408.7	266,600*													95
100	66.8	404.1	236,600*	69.3	406.8	260,900*													100
105	65.1	401.7	229,600*	67.6	404.6	254,800*													105
110	63.4	399.2	222,500*	66.0	402.4	248,400*													110
115	61.7	396.4	215,400*	64.3	399.9	241,600*													115
120	59.9	393.5	208,300*	62.6	397.2	234,700*													120
125	58.1	390.3	201,300*	60.9	394.4	227,600*	67.3	401.4	281,100*										125
130	56.3	386.9	194,400*	59.1	391.3	220,500*	65.7	399.0	278,300*										130
135	54.5	383.2	187,700*	57.3	388.0	213,400*	64.0	396.5	273,500*										135
140	52.5	379.3	181,200*	55.5	384.5	206,400*	62.3	393.8	268,100*										140
145	50.6	375.1	174,900*	53.6	380.8	199,500*	60.5	390.9	262,200*										145
150	48.6	370.7	168,900*	51.6	376.7	192,700*	58.8	387.8	256,100*										150
155	46.5	365.8	163,100*	49.6	372.4	186,100*	56.9	384.5	249,500*										155
160	44.3	360.6	157,700*	47.6	367.8	179,800*	55.1	381.0	242,700*	61.8	388.6	271,700*							160
165	42.0	355.0	152,500*	45.5	362.8	173,700*	53.2	377.1	235,700*	60.1	385.6	262,200*							165
170	39.6	349.0	147,700*	43.2	357.4	167,900*	51.3	373.1	228,700*	58.3	382.5	253,300*							170
175	37.1	342.3	143,300*	40.9	351.6	162,300*	49.2	368.7	221,500*	56.5	379.1	244,900*							175
180	34.5	335.0	139,200*	38.5	345.2	157,200*	47.2	364.0	214,500*	54.6	375.5	236,900*							180
185	31.6	326.9	135,600*	35.9	338.3	152,400*	45.0	358.9	207,600*	52.7	371.6	229,400*							185
190	28.4	317.7	132,400*	33.2	330.6	147,800*	42.8	353.5	200,800*	50.7	367.5	222,200*	57.7	375.2	209,200*				190
195	24.9	307.0	129,900*	30.2	322.0	143,900*	40.5	347.5	194,300*	48.7	363.0	215,400*	55.8	371.7	202,700*				195
200	20.8	294.3	128,300*	26.8	312.2	140,500*	38.0	341.1	187,900*	46.6	358.2	208,900*	53.9	368.0	196,600*				200
205	15.5	277.6	128,100*	23.1	300.7	137,800*	35.4	334.0	181,900*	44.5	353.0	202,800*	52.0	364.0	190,800*				205
210	6.3	247.5	101,500*	18.5	286.5	136,100*	32.6	326.2	176,200*	42.2	347.5	196,900*	50.0	359.8	185,200*				210
215				12.2	266.3	124,700*	29.5	317.4	170,900*	39.8	341.4	191,200*	48.0	355.2	179,800*				215
220							26.2	307.3	166,300*	37.3	334.8	185,800*	45.9	350.3	174,700*				220
225							22.3	295.4	158,200*	34.7	327.6	180,700*	43.7	345.0	169,800*	51.1	354.4	156,800*	225
230							17.5	280.4	145,200*	31.8	319.5	175,700*	41.4	339.3	165,200*	49.1	350.0	152,000*	230
235							10.5	257.9	129,100*	28.7	310.4	170,900*	39.0	333.0	160,600*	47.0	345.3	147,300*	235
240										25.2	299.9	164,900*	36.4	326.2	156,300*	44.9	340.2	142,800*	240
245										21.1	287.4	158,300*	33.7	318.7	152,100*	42.6	334.7	138,500*	245
250										16.0	271.1	148,400*	30.8	310.3	148,100*	40.3	328.7	134,400*	250
255										7.6	243.8	130,400*	27.5	300.8	144,200*	37.8	322.2	130,400*	255
260													23.9	289.7	140,400*	35.2	315.1	126,600*	260
270													13.7	257.6	133,100*	29.3	298.3	119,200*	270
280																21.9	276.0	112,200*	280
290																9.7	237.0	105,300*	290

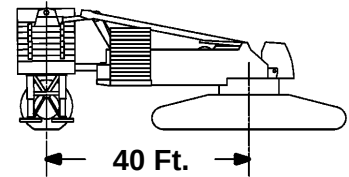


Liftcrane Luffing Jib Capacities

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
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



220 Ft. Boom, 210 Ft. Luffing Jib

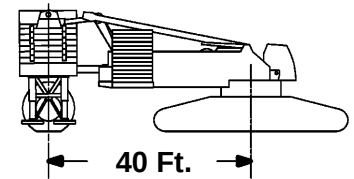
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	74.9	432.9	234,600*																80
85	73.5	431.4	230,200*																85
90	72.0	429.7	225,500*																90
95	70.6	427.9	220,600*	72.8	429.9	239,000*													95
100	69.1	425.9	215,300*	71.4	428.2	235,000*													100
105	67.6	423.8	209,900*	69.9	426.3	230,500*													105
110	66.1	421.5	204,300*	68.4	424.3	225,600*													110
115	64.6	419.1	198,600*	66.9	422.1	220,700*													115
120	63.1	416.5	192,800*	65.4	419.7	215,400*													120
125	61.5	413.7	187,000*	63.9	417.2	209,900*													125
130	59.9	410.8	181,300*	62.4	414.5	204,200*													130
135	58.3	407.6	175,600*	60.8	411.7	198,500*	66.6	418.8	245,200*										135
140	56.7	404.3	170,000*	59.2	408.6	192,700*	65.1	416.4	242,900*										140
145	55.0	400.7	164,500*	57.6	405.4	187,000*	63.6	413.9	239,000*										145
150	53.3	396.9	159,200*	55.9	402.0	181,200*	62.1	411.1	234,600*										150
155	51.5	392.9	154,000*	54.2	398.3	175,600*	60.5	408.2	229,900*										155
160	49.7	388.6	149,000*	52.5	394.4	170,000*	58.9	405.2	225,000*										160
165	47.9	384.0	144,200*	50.7	390.2	164,600*	57.2	401.9	219,800*										165
170	46.0	379.1	139,600*	48.9	385.8	159,300*	55.6	398.4	214,300*	61.6	405.9	238,100*							170
175	44.0	373.9	135,200*	47.0	381.1	154,200*	53.9	394.7	208,700*	60.1	403.0	238,100*							175
180	42.0	368.3	131,000*	45.1	376.0	149,300*	52.1	390.7	203,000*	58.5	399.8	233,300*							180
185	39.8	362.2	127,200*	43.1	370.6	144,600*	50.4	386.5	197,300*	56.8	396.5	225,800*							185
190	37.6	355.7	123,500*	41.0	364.8	140,200*	48.5	382.1	191,400*	55.1	393.0	218,700*							190
195	35.2	348.5	120,200*	38.8	358.5	135,900*	46.6	377.3	185,800*	53.4	389.2	211,900*							195
200	32.7	340.7	117,100*	36.5	351.7	132,000*	44.7	372.2	180,200*	51.7	385.2	205,500*	57.9	392.6	192,700*				200
205	29.9	332.1	114,400*	34.0	344.3	128,300*	42.7	366.7	174,700*	49.9	380.9	199,400*	56.2	389.1	186,900*				205
210	26.9	322.3	112,100*	31.4	336.1	125,000*	40.6	360.8	169,300*	48.0	376.3	193,500*	54.6	385.5	181,400*				210
215	23.6	311.1	110,200*	28.6	327.0	122,000*	38.4	354.4	164,100*	46.1	371.5	187,900*	52.8	381.7	176,100*				215
220	19.7	297.5	109,200*	25.4	316.6	119,400*	36.0	347.5	159,200*	44.2	366.3	182,600*	51.1	377.6	171,100*				220
225	14.7	279.9	108,000*	21.8	304.4	117,400*	33.6	339.9	154,400*	42.1	360.7	177,500*	49.3	373.2	166,200*				225
230	5.9	248.3	83,600*	17.5	289.4	116,300*	30.9	331.6	150,000*	40.0	354.7	172,600*	47.4	368.5	161,600*				230
235				11.6	268.1	103,800*	28.0	322.2	145,500*	37.8	348.2	167,800*	45.5	363.6	157,100*	52.0	372.1	142,200*	235
240							24.8	311.6	139,900*	35.4	341.1	162,500*	43.5	358.2	152,900*	50.2	367.9	137,800*	240
245							21.1	298.9	132,400*	32.9	333.4	156,100*	41.4	352.5	148,800*	48.4	363.4	133,600*	245
250							16.5	283.1	121,500*	30.2	324.8	150,100*	39.2	346.3	144,800*	46.5	358.5	129,500*	250
255							9.9	259.4	107,800*	27.2	315.1	144,300*	37.0	339.6	141,000*	44.5	353.4	125,600*	255
260										23.9	304.0	138,800*	34.5	332.4	137,300*	42.5	347.9	121,800*	260
270										15.1	273.6	124,600*	29.2	315.4	130,300*	38.2	335.5	114,700*	270
280													22.6	293.5	123,700*	33.3	321.0	108,000*	280
290													13.0	259.7	117,300*	27.8	303.1	101,700*	290
300																20.8	279.5	95,700*	300
310																9.2	238.3	89,600*	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
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	74.9	452.3	206,500*																85
90	73.6	450.8	203,000*																90
95	72.3	449.1	199,200*																95
100	71.0	447.4	195,300*																100
105	69.7	445.5	191,100*	71.7	447.6	207,700*													105
110	68.3	443.4	186,700*	70.4	445.8	204,200*													110
115	67.0	441.2	182,200*	69.1	443.8	200,400*													115
120	65.6	438.9	177,600*	67.7	441.7	196,500*													120
125	64.2	436.4	173,000*	66.3	439.5	192,300*													125
130	62.8	433.8	168,200*	65.0	437.1	187,900*													130
135	61.4	431.0	163,500*	63.6	434.6	183,400*													135
140	59.9	428.1	158,800*	62.1	431.9	178,800*	67.4	438.5	213,400*										140
145	58.5	425.0	154,200*	60.7	429.0	174,200*	66.1	436.2	213,400*										145
150	57.0	421.7	149,600*	59.3	426.0	169,400*	64.7	433.8	212,900*										150
155	55.5	418.2	145,000*	57.8	422.8	164,700*	63.3	431.2	209,800*										155
160	53.9	414.5	140,600*	56.3	419.4	160,000*	61.9	428.5	206,300*										160
165	52.3	410.5	136,300*	54.7	415.8	155,400*	60.4	425.6	202,500*										165
170	50.7	406.4	132,200*	53.2	412.0	150,800*	59.0	422.5	198,600*										170
175	49.1	402.0	128,100*	51.6	408.0	146,300*	57.5	419.3	194,400*	62.9	426.0	204,800*							175
180	47.3	397.3	124,300*	49.9	403.7	141,900*	56.0	415.8	190,100*	61.5	423.2	204,800*							180
185	45.6	392.4	120,500*	48.3	399.2	137,700*	54.4	412.2	185,600*	60.1	420.3	204,800*							185
190	43.8	387.1	117,000*	46.5	394.4	133,500*	52.9	408.4	181,000*	58.6	417.2	204,800*							190
195	41.9	381.5	113,600*	44.8	389.3	129,500*	51.3	404.3	176,300*	57.1	413.9	204,800*							195
200	40.0	375.5	110,400*	42.9	383.9	125,700*	49.6	400.0	171,600*	55.6	410.4	202,800*							200
205	37.9	369.0	107,400*	41.0	378.1	122,100*	47.9	395.4	166,800*	54.0	406.7	196,700*							205
210	35.8	362.0	104,600*	39.0	371.8	118,600*	46.2	390.6	162,200*	52.5	402.8	190,900*							210
215	33.5	354.5	102,100*	36.9	365.2	115,300*	44.4	385.4	157,600*	50.8	398.7	185,400*	56.6	406.6	173,300*				215
220	31.1	346.2	99,800*	34.8	357.9	112,300*	42.6	379.9	153,100*	49.2	394.3	180,100*	55.0	403.0	168,300*				220
225	28.5	337.0	97,700*	32.4	350.0	109,500*	40.6	374.0	148,700*	47.5	389.7	175,000*	53.5	399.2	163,500*				225
230	25.7	326.7	96,000*	29.9	341.4	106,900*	38.6	367.7	144,500*	45.7	384.7	170,100*	51.9	395.3	158,900*				230
235	22.5	314.9	94,700*	27.2	331.7	104,500*	36.5	360.9	140,400*	43.9	379.5	165,400*	50.3	391.0	154,500*				235
240	18.7	300.7	94,000*	24.2	320.8	102,700*	34.3	353.6	136,400*	42.1	373.9	160,700*	48.6	386.6	150,200*				240
245	13.9	282.2	90,100*	20.8	308.0	101,300*	32.0	345.6	132,700*	40.1	367.9	154,300*	46.9	381.9	146,200*	52.7	389.7	129,900*	245
250	5.6	249.0	68,800*	16.7	292.1	98,100*	29.4	336.7	128,000*	38.1	361.5	148,300*	45.1	376.8	142,200*	51.1	385.6	125,900*	250
255				11.0	269.8	86,600*	26.7	326.9	123,100*	36.0	354.6	142,600*	43.3	371.5	138,500*	49.5	381.3	122,000*	255
260							23.6	315.6	118,500*	33.7	347.1	137,100*	41.4	365.7	134,800*	47.8	376.7	118,300*	260
270							15.7	285.7	102,100*	28.7	329.8	127,000*	37.4	353.0	127,900*	44.3	366.6	111,200*	270
280										22.8	307.9	117,700*	32.9	338.2	121,500*	40.5	355.2	104,700*	280
290										14.4	276.0	105,200*	27.8	320.2	115,400*	36.4	342.0	98,500*	290
300													21.5	297.2	109,200*	31.8	326.6	92,700*	300
310													12.3	261.7	102,800*	26.4	307.7	87,200*	310
320																19.8	282.8	81,900*	320
330																8.7	239.6	76,600*	330

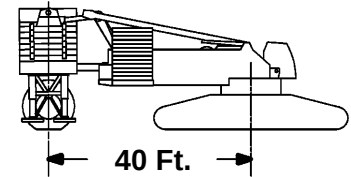


Liftcrane Luffing Jib Capacities

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
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



220 Ft. Boom, 250 Ft. Luffing Jib

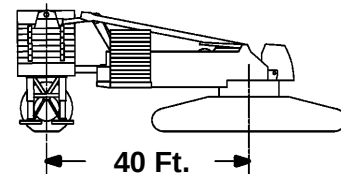
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
90	75.0	471.7	181,200*																90
95	73.8	470.2	178,500*																95
100	72.6	468.5	175,500*																100
105	71.4	466.8	172,300*																105
110	70.2	465.0	169,100*	72.0	467.1	182,900*													110
115	68.9	463.0	165,700*	70.8	465.3	180,200*													115
120	67.7	460.9	162,100*	69.6	463.4	177,300*													120
125	66.4	458.6	158,400*	68.4	461.3	174,200*													125
130	65.2	456.3	154,700*	67.1	459.2	171,000*													130
135	63.9	453.8	150,900*	65.8	456.9	167,600*													135
140	62.6	451.1	147,100*	64.6	454.5	164,100*													140
145	61.3	448.4	143,300*	63.3	451.9	160,400*													145
150	59.9	445.4	139,400*	62.0	449.2	156,700*	66.9	455.9	184,400*										150
155	58.6	442.3	135,600*	60.7	446.3	153,000*	65.6	453.6	184,400*										155
160	57.2	439.0	131,900*	59.3	443.3	149,200*	64.3	451.1	184,400*										160
165	55.8	435.6	128,100*	58.0	440.1	145,300*	63.0	448.5	183,800*										165
170	54.4	432.0	124,500*	56.6	436.8	141,500*	61.7	445.8	181,000*										170
175	53.0	428.1	120,900*	55.2	433.2	137,700*	60.4	442.9	178,000*										175
180	51.5	424.1	117,400*	53.8	429.5	133,900*	59.1	439.8	174,900*										180
185	50.0	419.9	114,000*	52.3	425.6	130,200*	57.7	436.6	171,700*	62.7	443.3	176,200*							185
190	48.5	415.4	110,800*	50.8	421.5	126,600*	56.3	433.2	168,200*	61.4	440.5	176,200*							190
195	46.9	410.6	107,600*	49.3	417.1	123,000*	54.9	429.7	164,700*	60.1	437.6	176,200*							195
200	45.3	405.6	104,600*	47.7	412.5	119,500*	53.5	425.9	161,000*	58.7	434.5	176,200*							200
205	43.6	400.3	101,700*	46.1	407.7	116,200*	52.0	422.0	157,300*	57.3	431.2	176,200*							205
210	41.9	394.7	98,900*	44.5	402.5	112,900*	50.5	417.8	153,600*	56.0	427.8	172,600*							210
215	40.1	388.7	96,200*	42.8	397.1	109,800*	49.0	413.4	149,800*	54.5	424.2	168,200*							215
220	38.2	382.3	93,800*	41.0	391.3	106,800*	47.4	408.7	145,300*	53.1	420.4	163,600*							220
225	36.3	375.5	91,400*	39.2	385.1	103,900*	45.8	403.8	140,800*	51.6	416.4	159,100*	56.9	423.9	159,700*				225
230	34.2	368.1	89,300*	37.3	378.5	101,200*	44.2	398.6	136,400*	50.1	412.2	154,600*	55.5	420.5	155,200*				230
235	32.1	360.1	87,300*	35.3	371.5	98,600*	42.5	393.1	132,100*	48.6	407.7	150,100*	54.0	416.8	150,800*				235
240	29.8	351.4	85,500*	33.3	363.8	96,200*	40.7	387.3	127,900*	47.0	403.0	145,600*	52.6	412.9	146,600*				240
245	27.3	341.8	83,900*	31.0	355.5	93,900*	38.9	381.0	123,800*	45.4	398.0	141,200*	51.1	408.8	142,500*				245
250	24.6	331.0	82,600*	28.6	346.4	92,000*	37.0	374.3	119,800*	43.7	392.7	136,800*	49.6	404.5	138,700*				250
255	21.5	318.6	81,700*	26.1	336.2	90,200*	34.9	367.2	115,800*	42.0	387.1	132,600*	48.0	400.0	134,900*				255
260	17.9	303.7	81,300*	23.2	324.7	88,800*	32.8	359.4	112,000*	40.2	381.2	128,400*	46.5	395.1	131,300*	51.9	403.3	113,300*	260
270	5.3	249.7	55,100*	15.9	294.8	80,900*	28.2	341.6	104,600*	36.4	368.0	120,200*	43.1	384.7	124,500*	48.9	394.7	106,300*	270
280							22.6	319.5	97,600*	32.3	352.8	112,400*	39.6	372.9	118,200*	45.7	385.1	99,900*	280
290							15.1	288.2	84,700*	27.5	334.6	104,900*	35.7	359.4	111,500*	42.3	374.3	93,800*	290
300										21.8	311.6	98,100*	31.5	343.7	105,200*	38.7	362.2	88,100*	300
310										13.8	278.2	87,600*	26.6	324.8	99,200*	34.8	348.2	82,800*	310
320													20.6	300.7	93,500*	30.4	331.9	77,800*	320
330													11.8	263.6	87,900*	25.3	312.0	72,900*	330
340																18.9	286.0	68,300*	340
350																8.3	240.9	63,600*	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
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	73.9	489.5	157,500*																100
105	72.8	488.0	155,100*																105
110	71.7	486.3	152,500*																110
115	70.6	484.5	149,900*	72.3	486.5	161,600*													115
120	69.4	482.5	147,200*	71.2	484.7	159,500*													120
125	68.3	480.5	144,300*	70.0	482.9	157,200*													125
130	67.1	478.3	141,300*	68.9	480.9	154,700*													130
135	66.0	476.1	138,300*	67.7	478.8	152,100*													135
140	64.8	473.7	135,200*	66.6	476.6	149,500*													140
145	63.6	471.1	132,100*	65.4	474.3	146,700*													145
150	62.4	468.5	129,000*	64.2	471.8	143,800*													150
155	61.2	465.7	125,800*	63.0	469.2	140,800*	67.5	475.5	160,200*										155
160	59.9	462.7	122,700*	61.8	466.5	137,800*	66.4	473.3	160,200*										160
165	58.7	459.6	119,500*	60.6	463.6	134,700*	65.2	471.0	160,200*										165
170	57.4	456.4	116,400*	59.4	460.6	131,600*	64.0	468.5	160,200*										170
175	56.2	453.0	113,300*	58.1	457.5	128,400*	62.8	465.9	160,200*										175
180	54.9	449.4	110,300*	56.8	454.2	125,300*	61.6	463.1	159,300*										180
185	53.5	445.7	107,300*	55.5	450.7	122,200*	60.4	460.2	157,000*										185
190	52.2	441.8	104,400*	54.2	447.0	119,000*	59.1	457.2	154,500*										190
195	50.8	437.6	101,600*	52.9	443.2	116,000*	57.9	454.0	151,600*	62.5	460.6	152,400*							195
200	49.4	433.3	98,800*	51.5	439.2	112,900*	56.6	450.6	147,200*	61.3	457.9	152,400*							200
205	48.0	428.7	96,100*	50.1	435.0	109,900*	55.3	447.1	142,800*	60.1	454.9	152,400*							205
210	46.5	423.9	93,500*	48.7	430.5	107,000*	54.0	443.4	138,600*	58.8	451.9	152,400*							210
215	45.0	418.9	91,000*	47.3	425.9	104,200*	52.6	439.6	134,300*	57.5	448.6	150,500*							215
220	43.4	413.6	88,600*	45.8	420.9	101,400*	51.3	435.5	130,100*	56.3	445.2	146,400*							220
225	41.8	407.9	86,300*	44.3	415.8	98,700*	49.9	431.2	125,700*	55.0	441.7	142,300*							225
230	40.2	402.0	84,100*	42.7	410.3	96,100*	48.5	426.8	121,600*	53.6	438.0	138,100*							230
235	38.5	395.6	82,100*	41.1	404.5	93,700*	47.0	422.1	117,500*	52.3	434.0	133,900*	57.1	441.3	143,300*				235
240	36.7	388.9	80,100*	39.4	398.4	91,300*	45.5	417.1	113,500*	50.9	429.9	129,800*	55.8	437.9	143,100*				240
245	34.8	381.7	78,300*	37.7	391.9	89,000*	44.0	411.9	109,600*	49.5	425.6	125,700*	54.5	434.3	139,500*				245
250	32.9	374.0	76,600*	35.8	384.9	86,800*	42.4	406.4	105,800*	48.1	421.1	121,600*	53.2	430.5	135,700*				250
255	30.8	365.6	75,100*	33.9	377.5	84,900*	40.8	400.5	102,000*	46.6	416.3	117,600*	51.8	426.5	131,900*				255
260	28.6	356.4	73,700*	31.9	369.5	82,900*	39.1	394.3	98,300*	45.1	411.3	113,600*	50.4	422.3	128,000*				260
270	23.6	335.0	71,500*	27.5	351.2	77,400*	35.5	380.7	91,200*	42.0	400.4	105,900*	47.6	413.3	120,200*	52.5	420.9	102,600*	270
280	17.2	306.6	66,800*	22.3	328.6	71,500*	31.5	365.0	84,500*	38.6	388.1	98,500*	44.6	403.3	112,600*	49.8	412.6	96,200*	280
290	5.0	250.4	43,200*	15.3	297.3	66,300*	27.0	346.4	78,200*	35.0	374.2	91,400*	41.4	392.2	105,100*	46.9	403.3	90,200*	290
300							21.7	323.2	72,300*	31.0	358.2	84,700*	38.0	379.7	97,800*	43.8	393.1	84,600*	300
310							14.4	290.5	66,800*	26.4	339.2	78,400*	34.3	365.5	90,900*	40.6	381.7	79,300*	310
320										20.9	315.2	72,500*	30.2	349.0	84,300*	37.2	368.8	74,400*	320
330										13.2	280.4	67,100*	25.5	329.3	78,000*	33.4	354.1	69,700*	330
340													19.8	304.0	72,200*	29.2	337.0	65,300*	340
350													11.3	265.4	66,900*	24.3	316.2	61,000*	350
360																18.1	289.1	56,900*	360
370																7.9	242.1	52,600*	370

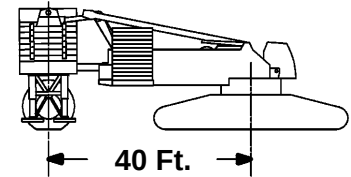


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



220 Ft. Boom, 290 Ft. Luffing Jib

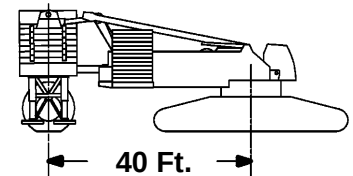
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105	74.0	508.9	138,600*																105
110	73.0	507.4	136,600*																110
115	72.0	505.7	134,600*																115
120	70.9	503.9	132,400*	72.5	505.9	142,300*													120
125	69.9	502.0	130,200*	71.5	504.2	140,700*													125
130	68.8	500.1	127,900*	70.4	502.4	138,800*													130
135	67.7	498.0	125,500*	69.4	500.5	136,900*													135
140	66.6	495.8	123,100*	68.3	498.4	134,800*													140
145	65.6	493.5	120,600*	67.2	496.3	132,700*													145
150	64.5	491.0	118,000*	66.1	494.0	130,400*													150
155	63.4	488.5	115,500*	65.0	491.7	128,100*													155
160	62.2	485.8	112,900*	63.9	489.2	125,700*													160
165	61.1	483.0	110,300*	62.8	486.6	123,400*	67.0	493.0	139,000*										165
170	60.0	480.0	107,700*	61.7	483.8	120,900*	65.9	490.7	139,000*										170
175	58.8	477.0	105,100*	60.6	481.0	118,300*	64.8	488.3	139,000*										175
180	57.6	473.8	102,500*	59.4	478.0	115,800*	63.7	485.8	139,000*										180
185	56.4	470.4	99,900*	58.2	474.8	113,200*	62.6	483.2	139,000*										185
190	55.2	466.9	97,400*	57.1	471.5	110,600*	61.5	480.4	138,300*										190
195	54.0	463.2	94,900*	55.9	468.1	108,000*	60.3	477.5	134,300*										195
200	52.7	459.4	92,500*	54.7	464.5	105,500*	59.2	474.5	130,300*										200
205	51.5	455.3	90,100*	53.4	460.7	102,900*	58.0	471.3	126,200*	62.3	478.0	131,200*							205
210	50.2	451.1	87,800*	52.2	456.8	100,400*	56.8	468.0	122,100*	61.2	475.2	131,200*							210
215	48.9	446.7	85,500*	50.9	452.7	97,900*	55.6	464.5	118,000*	60.0	472.2	131,200*							215
220	47.5	442.1	83,300*	49.6	448.4	95,500*	54.4	460.9	114,100*	58.9	469.2	128,900*							220
225	46.1	437.2	81,200*	48.2	443.9	93,100*	53.2	457.1	110,100*	57.7	466.0	125,000*							225
230	44.7	432.1	79,100*	46.9	439.2	90,000*	51.9	453.2	106,100*	56.5	462.6	121,100*							230
235	43.3	426.8	77,100*	45.5	434.2	86,400*	50.6	449.0	102,200*	55.3	459.1	117,200*							235
240	41.8	421.2	75,200*	44.1	429.0	82,900*	49.3	444.7	98,400*	54.1	455.5	113,300*							240
245	40.3	415.2	73,400*	42.6	423.5	79,500*	48.0	440.1	94,600*	52.9	451.6	109,600*	57.3	458.7	121,500*				245
250	38.7	408.9	70,400*	41.1	417.8	76,200*	46.6	435.4	90,800*	51.6	447.6	105,700*	56.1	455.3	118,100*				250
255	37.0	402.3	67,300*	39.5	411.7	72,900*	45.2	430.4	87,200*	50.3	443.4	101,900*	54.9	451.7	114,600*				255
260	35.3	395.2	64,400*	37.9	405.2	69,700*	43.8	425.1	83,600*	49.0	439.0	98,200*	53.7	448.0	111,100*				260
270	31.7	379.5	58,600*	34.5	391.1	63,500*	40.8	413.7	76,800*	46.3	429.6	90,600*	51.1	440.0	103,800*				270
280	27.5	361.2	52,900*	30.7	374.9	57,700*	37.6	401.1	70,300*	43.4	419.2	83,500*	48.5	431.3	96,700*				280
290	22.7	339.0	47,800*	26.5	355.8	52,200*	34.2	386.7	64,100*	40.4	407.7	76,700*	45.8	421.7	89,500*	50.5	430.4	85,300*	290
300	16.5	309.4	43,000*	21.4	332.2	47,100*	30.4	370.3	58,200*	37.2	394.8	70,200*	42.9	411.1	82,600*	47.9	421.4	79,800*	300
310	4.8	251.0	32,100*	14.7	299.8	42,300*	26.0	350.9	52,600*	33.7	380.2	64,000*	39.9	399.4	75,900*	45.1	411.6	74,600*	310
320							20.9	326.7	47,400*	29.8	363.5	58,100*	36.6	386.2	69,500*	42.2	400.8	69,700*	320
330							13.9	292.8	42,700*	25.4	343.6	52,600*	33.0	371.4	63,400*	39.1	388.7	65,100*	330
340										20.1	318.6	47,400*	29.1	354.1	57,600*	35.8	375.2	60,800*	340
350										12.7	282.4	42,700*	24.6	333.5	52,200*	32.2	359.8	56,700*	350
360													19.0	307.3	47,100*	28.1	341.9	52,700*	360
370													10.9	267.1	42,500*	23.4	320.3	49,000*	370
380																17.5	292.0	45,300*	380
390																7.6	243.3	41,400*	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
860,000 Lb. Wheeled Counterweight
at 40 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



220 Ft. Boom, 310 Ft. Luffing Jib

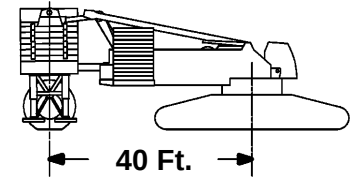
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
110	74.1	528.3	122,000*																110
115	73.2	526.8	120,300*																115
120	72.2	525.1	118,700*																120
125	71.2	523.4	116,900*	72.7	525.3	125,300*													125
130	70.2	521.5	115,100*	71.7	523.6	123,900*													130
135	69.2	519.6	113,200*	70.8	521.8	122,500*													135
140	68.2	517.6	111,300*	69.8	520.0	121,000*													140
145	67.2	515.4	109,400*	68.8	518.0	119,300*													145
150	66.2	513.2	107,300*	67.8	515.9	117,600*													150
155	65.2	510.8	105,200*	66.8	513.7	115,800*													155
160	64.2	508.4	103,100*	65.8	511.4	114,000*													160
165	63.1	505.8	101,000*	64.7	509.0	112,100*													165
170	62.1	503.1	98,900*	63.7	506.5	110,100*	67.6	512.6	120,400*										170
175	61.0	500.3	96,800*	62.6	503.9	108,100*	66.6	510.4	120,400*										175
180	60.0	497.4	94,600*	61.6	501.1	106,100*	65.6	508.1	120,400*										180
185	58.9	494.3	92,500*	60.5	498.3	104,100*	64.5	505.7	120,400*										185
190	57.8	491.1	90,400*	59.5	495.3	101,900*	63.5	503.1	120,400*										190
195	56.7	487.8	88,200*	58.4	492.2	99,800*	62.4	500.5	119,000*										195
200	55.5	484.3	86,100*	57.3	488.9	97,700*	61.4	497.7	115,300*										200
205	54.4	480.7	84,100*	56.1	485.5	95,500*	60.3	494.8	111,500*										205
210	53.2	476.9	82,000*	55.0	482.0	91,800*	59.2	491.8	107,700*										210
215	52.1	473.0	80,000*	53.9	478.3	88,300*	58.2	488.7	103,900*	62.2	495.3	112,800*							215
220	50.9	468.9	78,100*	52.7	474.4	84,700*	57.0	485.4	100,200*	61.1	492.5	112,800*							220
225	49.7	464.6	74,900*	51.5	470.4	81,100*	55.9	482.0	96,500*	60.0	489.6	109,900*							225
230	48.4	460.1	71,600*	50.3	466.2	77,600*	54.8	478.4	92,800*	59.0	486.5	106,300*							230
235	47.1	455.4	68,300*	49.1	461.8	74,100*	53.6	474.7	89,000*	57.9	483.3	102,700*							235
240	45.9	450.5	65,100*	47.8	457.3	70,700*	52.5	470.8	85,400*	56.8	480.0	99,100*							240
245	44.5	445.4	61,900*	46.5	452.5	67,400*	51.3	466.7	81,700*	55.6	476.5	95,500*							245
250	43.2	440.0	58,800*	45.2	447.5	64,200*	50.1	462.5	78,200*	54.5	472.9	92,000*							250
255	41.8	434.4	55,800*	43.9	442.2	61,000*	48.8	458.1	74,700*	53.3	469.2	88,400*	57.5	476.0	99,700*				255
260	40.3	428.5	52,800*	42.5	436.7	57,900*	47.6	453.5	71,300*	52.2	465.2	84,800*	56.4	472.7	96,400*				260
270	37.3	415.6	47,200*	39.7	424.9	52,000*	45.0	443.6	64,600*	49.8	456.9	77,700*	54.1	465.5	89,800*				270
280	34.1	401.3	41,700*	36.6	411.8	46,200*	42.3	432.8	58,300*	47.3	447.7	70,900*	51.7	457.7	83,100*				280
290	30.6	384.9	36,500*	33.3	397.0	40,800*	39.4	420.9	52,100*	44.6	437.8	64,300*	49.3	449.2	76,300*				290
300	26.6	365.9	31,600*	29.7	380.1	35,700*	36.3	407.5	46,400*	41.9	426.8	58,000*	46.8	439.9	69,700*	51.2	448.1	76,000*	300
310	21.9	342.7	27,100*	25.6	360.2	30,800*	33.0	392.6	41,000*	39.0	414.7	51,900*	44.2	429.8	63,400*	48.7	439.4	70,900*	310
320	16.0	312.0	22,900*	20.7	335.8	26,300*	29.3	375.4	35,800*	35.9	401.2	46,200*	41.4	418.6	57,100*	46.2	429.9	66,100*	320
330	4.6	251.6	19,100*	14.2	302.1	22,200*	25.1	355.2	31,000*	32.5	386.0	40,800*	38.5	406.3	51,200*	43.5	419.6	61,500*	330
340							20.2	330.2	26,500*	28.8	368.5	35,700*	35.3	392.6	45,500*	40.7	408.2	55,700*	340
350							13.4	295.1	22,300*	24.6	347.8	30,800*	31.9	377.0	40,200*	37.7	395.5	49,900*	350
360										19.4	321.9	26,300*	28.1	359.0	35,100*	34.5	381.4	44,400*	360
370										12.2	284.5	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
 860,000 Lb. Wheeled Counterweight
 at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
50	74.7	337.0	478,400*d																50
55	71.4	335.1	464,600*c																55
60	67.9	333.0	448,800*b																60
65	64.3	330.4	431,700*b	70.2	333.7	475,800*c													65
70	60.6	327.5	414,100*b	66.7	331.5	460,700*b													70
75	56.8	324.1	396,300*	63.1	328.8	444,100*b													75
80	52.7	320.1	379,000*	59.4	325.7	426,600*b													80
85	48.4	315.5	362,500*	55.5	322.1	408,900*													85
90	43.8	310.2	347,300*	51.4	318.0	391,500*	67.3	328.7	495,200*b										90
95	38.6	303.8	333,800*	46.9	313.1	374,800*	63.7	326.1	485,100*b										95
100	32.7	296.0	322,400*	42.1	307.5	359,300*	60.0	323.1	470,300*b										100
105	25.5	285.7	315,000*	36.8	300.7	345,300*	56.1	319.6	454,000*										105
110	14.5	269.3	261,200*	30.5	292.3	333,900*	52.0	315.5	437,000*										110
115				22.6	280.7	317,500*	47.6	310.8	419,800*										115
120				6.5	256.1	231,500*	42.9	305.3	403,000*	60.3	318.5	384,700*b							120
125							37.6	298.7	387,100*	56.4	315.0	368,100*							125
130							31.6	290.6	370,800*	52.4	311.0	352,700*							130
135							24.0	279.7	350,600*	48.0	306.4	338,400*							135
140							11.3	260.5	272,800*	43.3	300.9	325,100*							140
145										38.1	294.5	312,500*	56.4	308.3	296,400*				145
150										32.1	286.5	300,700*	52.3	304.3	285,400*				150
155										24.7	275.9	289,500*	47.9	299.6	275,000*				155
160										13.0	258.2	278,600*	43.2	294.2	265,300*				160
165													38.0	287.7	256,000*				165
170													32.0	279.6	247,200*	51.6	295.3	234,100*	170
175													24.5	269.0	238,700*	47.3	290.5	226,300*	175
180													12.6	251.0	230,300*	42.5	284.9	218,900*	180
185																37.2	278.2	211,900*	185
190																31.0	269.9	205,100*	190
195																23.2	258.7	198,500*	195
200																9.1	237.2	191,700*	200

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

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

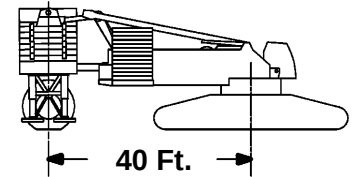
Capacities indicated by **(d)** require
 56,000 Lb. minimum weight suspended
 beneath luffing jib point.

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
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	74.9	356.4	413,300*c																55
60	72.1	354.6	402,100*b																60
65	69.3	352.6	389,400*b																65
70	66.5	350.3	375,800*b	71.2	353.3	413,500*b													70
75	63.5	347.7	361,600*b	68.4	351.2	401,600*b													75
80	60.5	344.8	347,500*	65.5	348.8	388,600*b													80
85	57.4	341.5	333,100*	62.6	346.1	374,700*													85
90	54.1	337.7	319,100*	59.5	343.0	360,700*													90
95	50.7	333.5	305,600*	56.3	339.6	346,300*													95
100	47.2	328.8	292,700*	53.1	335.7	332,100*	66.0	346.1	426,300*b										100
105	43.3	323.4	281,000*	49.6	331.3	318,400*	63.0	343.4	415,500*										105
110	39.2	317.1	270,400*	45.9	326.4	305,200*	60.0	340.4	403,300*										110
115	34.5	309.8	261,100*	42.0	320.7	293,100*	56.8	337.0	390,100*										115
120	29.2	301.0	253,800*	37.7	314.2	281,900*	53.6	333.2	376,300*										120
125	22.7	289.4	249,300*	32.9	306.4	272,200*	50.1	328.9	362,500*										125
130	12.8	271.1	221,200*	27.3	296.8	264,600*	46.5	324.1	348,600*	60.2	335.8	350,600*							130
135				20.1	283.9	260,400*	42.6	318.5	335,100*	57.1	332.4	336,500*							135
140				5.4	256.3	197,500*	38.4	312.1	322,000*	53.8	328.7	323,300*							140
145							33.7	304.6	310,200*	50.4	324.4	311,000*							145
150							28.2	295.4	299,900*	46.8	319.6	299,500*							150
155							21.4	283.2	292,100*	43.0	314.1	288,600*	57.0	325.7	272,800*				155
160							9.9	261.7	233,600*	38.8	307.8	278,400*	53.8	322.0	263,200*				160
165										34.1	300.4	268,800*	50.4	317.7	254,200*				165
170										28.7	291.3	259,600*	46.8	312.9	245,600*				170
175										22.0	279.5	250,800*	42.9	307.4	237,500*				175
180										11.4	259.7	242,100*	38.7	301.0	229,800*				180
185													34.0	293.6	222,500*	49.8	308.6	209,900*	185
190													28.6	284.5	215,400*	46.2	303.7	203,300*	190
195													21.9	272.5	208,600*	42.3	298.1	197,100*	195
200													11.1	252.4	201,800*	38.0	291.6	191,100*	200
205																33.3	284.0	185,400*	205
210																27.7	274.6	179,900*	210
215																20.7	262.0	174,500*	215
220																7.9	238.0	168,900*	220

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

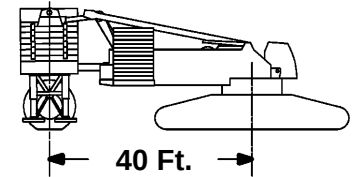
Capacities indicated by (c) require
37,000 Lb. minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 860,000 Lb. Wheeled Counterweight
 at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
60	75.0	375.7	358,400*																60
65	72.7	374.1	349,300*																65
70	70.3	372.2	339,200*																70
75	67.9	370.1	328,300*	71.9	372.7	358,800*													75
80	65.5	367.7	317,100*	69.5	370.8	351,200*													80
85	63.0	365.0	305,500*	67.1	368.6	340,900*													85
90	60.4	362.1	293,800*	64.7	366.1	329,900*													90
95	57.8	358.9	282,300*	62.2	363.4	318,700*													95
100	55.1	355.3	271,000*	59.6	360.4	307,100*													100
105	52.3	351.3	260,100*	56.9	357.0	295,500*	67.5	365.9	374,900*										105
110	49.4	346.9	249,700*	54.2	353.3	284,000*	65.1	363.4	367,100*										110
115	46.3	342.0	239,800*	51.3	349.2	272,800*	62.5	360.7	358,000*										115
120	43.0	336.6	230,600*	48.4	344.6	262,100*	60.0	357.7	348,000*										120
125	39.5	330.4	222,300*	45.2	339.6	251,800*	57.3	354.4	337,200*										125
130	35.7	323.4	214,900*	41.9	333.9	242,100*	54.6	350.8	326,300*										130
135	31.5	315.3	208,500*	38.3	327.5	233,400*	51.8	346.7	314,900*	62.8	356.1	332,600*							135
140	26.7	305.5	203,600*	34.4	320.2	225,500*	48.8	342.3	303,600*	60.2	353.1	319,600*							140
145	20.7	292.8	201,000*	30.0	311.6	218,800*	45.7	337.3	292,400*	57.6	349.8	307,400*							145
150	11.6	272.7	187,600*	24.9	301.0	213,500*	42.4	331.7	281,500*	54.8	346.2	296,000*							150
155				18.3	286.8	211,100*	38.9	325.5	270,900*	52.0	342.2	285,300*							155
160				4.6	256.4	168,100*	35.0	318.3	261,200*	49.1	337.8	275,200*							160
165							30.7	309.9	252,400*	46.0	332.9	265,700*	57.5	343.1	250,300*				165
170							25.7	299.7	244,900*	42.7	327.3	256,800*	54.8	339.5	241,800*				170
175							19.4	286.3	239,300*	39.2	321.1	248,300*	52.0	335.5	233,900*				175
180							8.8	262.8	200,100*	35.4	314.0	240,200*	49.0	331.0	226,300*				180
185										31.1	305.7	232,600*	45.9	326.1	219,100*				185
190										26.2	295.7	225,200*	42.7	320.6	212,300*				190
195										20.0	282.7	218,100*	39.1	314.4	205,800*	51.5	326.5	193,300*	195
200										10.2	261.1	211,100*	35.3	307.2	199,600*	48.6	322.0	187,400*	200
205													31.0	298.9	193,600*	45.5	317.0	181,900*	205
210													26.1	288.9	187,900*	42.1	311.3	176,600*	210
215													19.9	275.8	182,300*	38.6	305.0	171,500*	215
220													9.9	253.8	176,700*	34.7	297.7	166,600*	220
225																30.3	289.2	161,800*	225
230																25.3	278.8	157,300*	230
235																18.8	265.0	152,700*	235
240																7.0	238.7	148,000*	240

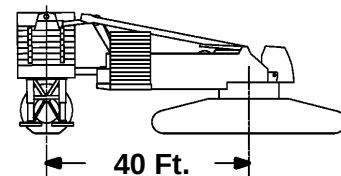
Capacities indicated by (b) require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

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
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	73.1	393.5	305,700*																70
75	71.0	391.7	297,600*																75
80	69.0	389.7	288,800*	72.4	392.2	316,400*													80
85	66.9	387.5	279,900*	70.4	390.3	309,100*													85
90	64.8	385.0	270,600*	68.3	388.3	300,900*													90
95	62.6	382.4	261,100*	66.2	386.0	292,200*													95
100	60.4	379.4	251,600*	64.1	383.5	283,300*													100
105	58.1	376.2	242,300*	61.9	380.7	274,000*													105
110	55.8	372.7	233,100*	59.6	377.7	264,600*													110
115	53.4	368.9	224,300*	57.4	374.4	255,100*	66.5	383.2	325,400*										115
120	50.9	364.8	215,700*	55.0	370.8	245,800*	64.4	380.8	318,800*										120
125	48.3	360.2	207,600*	52.6	366.9	236,700*	62.2	378.0	311,300*										125
130	45.6	355.3	199,900*	50.1	362.6	227,800*	60.0	375.1	303,000*										130
135	42.8	349.8	192,700*	47.5	358.0	219,300*	57.7	371.8	294,300*										135
140	39.8	343.7	186,100*	44.7	352.8	211,300*	55.4	368.3	285,500*										140
145	36.6	336.9	180,100*	41.8	347.1	203,700*	53.0	364.4	276,300*	62.4	373.4	304,800*							145
150	33.1	329.2	174,800*	38.8	340.9	196,600*	50.5	360.2	267,000*	60.2	370.4	293,400*							150
155	29.2	320.3	170,400*	35.5	333.8	190,200*	47.9	355.6	257,700*	57.9	367.2	282,800*							155
160	24.7	309.6	167,100*	31.8	325.7	184,500*	45.2	350.5	248,700*	55.6	363.7	272,800*							160
165	19.1	295.9	165,600*	27.8	316.3	179,700*	42.3	345.0	239,900*	53.2	359.9	263,400*							165
170	10.6	274.2	161,100*	23.0	304.8	176,100*	39.3	338.8	231,300*	50.7	355.7	254,600*							170
175				16.8	289.5	174,700*	36.0	331.8	223,400*	48.1	351.1	246,200*	57.9	360.5	231,200*				175
180				4.1	256.5	144,500*	32.4	323.9	216,000*	45.4	346.1	238,200*	55.5	357.0	223,700*				180
185							28.4	314.8	209,400*	42.5	340.5	230,700*	53.1	353.1	216,700*				185
190							23.8	303.7	203,800*	39.5	334.4	223,500*	50.6	349.0	209,900*				190
195							17.9	289.2	199,700*	36.3	327.5	216,700*	48.0	344.4	203,500*				195
200							8.0	263.8	173,300*	32.7	319.7	210,200*	45.3	339.3	197,400*				200
205										28.8	310.7	204,000*	42.5	333.8	191,600*	52.8	344.2	179,300*	205
210										24.2	299.8	197,900*	39.5	327.6	186,000*	50.2	339.9	174,000*	210
215										18.5	285.7	192,100*	36.2	320.8	180,700*	47.6	335.3	169,000*	215
220										9.4	262.3	186,300*	32.7	313.0	175,500*	44.9	330.2	164,200*	220
225													28.7	303.9	170,600*	42.0	324.6	159,600*	225
230													24.1	292.9	165,800*	39.0	318.3	155,200*	230
235													18.4	278.7	161,100*	35.7	311.3	151,000*	235
240													9.1	255.0	156,400*	32.1	303.3	146,900*	240
245																28.1	294.0	142,900*	245
250																23.4	282.7	139,000*	250
255																17.3	267.8	135,200*	255
260																6.3	239.4	130,800*	260

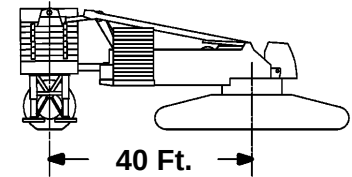
Capacities indicated by (b) require
21,000 Lb. minimum weight suspended
beneath luffing jib point.

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
 860,000 Lb. Wheeled Counterweight
 at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
75	73.3	412.9	267,800*(b)																75
80	71.6	411.2	261,300*																80
85	69.8	409.2	254,500*	72.8	411.6	277,600*													85
90	67.9	407.1	247,300*	71.0	409.8	271,900*													90
95	66.1	404.9	239,900*	69.2	407.9	265,600*													95
100	64.2	402.4	232,200*	67.3	405.7	258,800*													100
105	62.3	399.7	224,600*	65.5	403.3	251,800*													105
110	60.3	396.7	216,900*	63.6	400.8	244,400*													110
115	58.3	393.6	209,300*	61.6	398.0	236,900*													115
120	56.3	390.2	201,900*	59.7	395.0	229,200*	67.6	402.9	287,500*										120
125	54.2	386.5	194,700*	57.7	391.8	221,600*	65.8	400.6	282,800*										125
130	52.1	382.5	187,700*	55.6	388.3	214,000*	63.9	398.1	277,300*										130
135	49.8	378.2	181,000*	53.5	384.5	206,500*	61.9	395.4	271,200*										135
140	47.5	373.6	174,600*	51.3	380.4	199,300*	60.0	392.4	264,600*										140
145	45.1	368.5	168,500*	49.1	376.0	192,200*	58.0	389.2	257,800*										145
150	42.6	363.0	162,800*	46.8	371.2	185,500*	55.9	385.7	250,500*										150
155	40.0	357.0	157,500*	44.3	366.0	179,100*	53.8	382.0	243,100*	62.1	390.7	278,900*							155
160	37.2	350.3	152,600*	41.8	360.4	173,000*	51.7	378.0	235,600*	60.2	387.7	269,000*							160
165	34.2	343.0	148,200*	39.1	354.2	167,300*	49.4	373.6	228,100*	58.2	384.6	259,700*							165
170	30.9	334.6	144,400*	36.2	347.3	162,000*	47.1	368.9	220,600*	56.1	381.1	250,900*							170
175	27.3	325.0	141,300*	33.2	339.6	157,300*	44.7	363.8	213,300*	54.0	377.4	242,600*							175
180	23.0	313.5	139,100*	29.8	330.9	153,100*	42.2	358.2	206,100*	51.9	373.4	234,700*							180
185	17.8	298.8	138,200*	26.0	320.7	149,600*	39.5	352.0	199,300*	49.6	369.1	227,300*							185
190	9.8	275.6	134,700*	21.5	308.4	147,100*	36.7	345.3	192,600*	47.3	364.4	220,200*	56.1	374.4	206,000*				190
195				15.7	292.0	146,400*	33.6	337.7	186,500*	44.9	359.3	213,500*	54.0	370.7	199,700*				195
200				3.6	256.6	120,400*	30.3	329.2	180,800*	42.4	353.8	207,000*	51.8	366.7	193,600*				200
205							26.6	319.3	175,800*	39.7	347.7	200,900*	49.6	362.4	187,900*				205
210							22.2	307.4	171,600*	36.9	341.0	195,100*	47.3	357.7	182,400*				210
215							16.7	291.9	168,500*	33.9	333.5	189,500*	44.9	352.6	177,100*				215
220							7.4	264.7	145,600*	30.6	325.1	184,100*	42.4	347.0	172,100*	51.5	357.7	160,300*	220
225										26.9	315.3	178,900*	39.7	340.9	167,300*	49.2	353.3	155,800*	225
230										22.6	303.6	173,900*	36.9	334.2	162,700*	46.9	348.6	151,400*	230
235										17.2	288.5	169,000*	33.8	326.7	158,200*	44.5	343.4	147,300*	235
240										8.7	263.5	156,500*	30.5	318.3	153,900*	42.0	337.8	143,300*	240
245													26.8	308.5	149,800*	39.3	331.6	139,400*	245
250													22.5	296.7	145,700*	36.4	324.8	135,500*	250
255													17.1	281.5	141,700*	33.4	317.2	131,500*	255
260													8.4	256.1	137,700*	30.0	308.5	127,600*	260
270																21.8	286.4	120,100*	270
280																5.8	240.0	112,300*	280

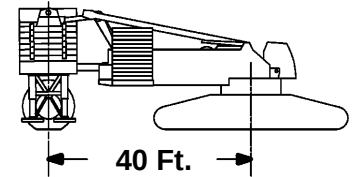
Capacities indicated by (b) require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

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
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	73.6	432.3	235,900*																80
85	72.0	430.6	230,700*																85
90	70.4	428.8	225,300*																90
95	68.8	426.7	219,500*	71.5	429.3	240,500*													95
100	67.1	424.6	213,400*	69.9	427.4	235,500*													100
105	65.4	422.2	207,300*	68.2	425.3	230,100*													105
110	63.8	419.7	201,000*	66.6	423.1	224,600*													110
115	62.0	417.0	194,700*	64.9	420.7	218,600*													115
120	60.3	414.1	188,500*	63.2	418.1	212,500*													120
125	58.5	410.9	182,300*	61.5	415.3	206,300*													125
130	56.7	407.6	176,200*	59.7	412.3	200,100*	66.8	420.4	251,600*										130
135	54.8	404.0	170,200*	57.9	409.1	193,800*	65.2	418.0	247,600*										135
140	52.9	400.1	164,500*	56.1	405.7	187,600*	63.5	415.4	243,100*										140
145	51.0	396.0	158,900*	54.2	402.0	181,500*	61.7	412.7	238,100*										145
150	49.0	391.6	153,500*	52.3	398.1	175,500*	60.0	409.7	232,700*										150
155	46.9	386.9	148,400*	50.3	393.9	169,600*	58.2	406.5	227,200*										155
160	44.7	381.7	143,600*	48.3	389.4	164,000*	56.4	403.1	221,300*										160
165	42.5	376.2	139,000*	46.2	384.5	158,600*	54.5	399.5	215,200*	61.9	408.0	248,100*							165
170	40.2	370.2	134,700*	44.0	379.3	153,400*	52.6	395.6	209,100*	60.1	405.1	248,100*							170
175	37.7	363.7	130,800*	41.7	373.6	148,500*	50.6	391.5	202,900*	58.4	401.9	239,900*							175
180	35.0	356.5	127,100*	39.4	367.5	143,900*	48.6	387.0	196,800*	56.5	398.5	232,100*							180
185	32.2	348.6	123,900*	36.8	360.7	139,500*	46.5	382.2	190,700*	54.7	394.9	224,700*							185
190	29.1	339.7	121,100*	34.1	353.3	135,600*	44.4	377.0	184,700*	52.8	391.1	217,700*							190
195	25.7	329.4	118,900*	31.2	345.1	132,000*	42.1	371.4	178,800*	50.8	386.9	211,000*							195
200	21.7	317.1	117,400*	28.0	335.7	128,900*	39.7	365.3	173,200*	48.8	382.5	204,600*	56.5	391.8	190,900*				200
205	16.7	301.5	117,000*	24.4	324.9	126,400*	37.2	358.7	167,700*	46.7	377.7	198,600*	54.6	388.2	185,200*				205
210	9.2	277.0	112,800*	20.2	311.8	124,700*	34.6	351.4	162,600*	44.5	372.5	192,800*	52.7	384.3	179,700*				210
215				14.8	294.4	124,400*	31.7	343.3	157,800*	42.3	367.0	187,200*	50.8	380.2	174,500*				215
220				3.3	256.8	100,700*	28.5	334.2	153,500*	39.9	361.0	181,900*	48.8	375.7	169,600*				220
225							25.0	323.6	149,600*	37.4	354.4	176,900*	46.7	371.0	164,800*				225
230							20.9	310.9	146,400*	34.8	347.1	172,000*	44.5	365.8	160,200*	52.4	375.4	148,600*	230
235							15.7	294.4	141,500*	31.9	339.1	167,300*	42.3	360.2	155,800*	50.5	371.2	144,500*	235
240							6.9	265.6	122,400*	28.8	330.1	162,800*	39.9	354.2	151,600*	48.5	366.7	140,400*	240
245										25.3	319.6	158,400*	37.4	347.6	147,600*	46.4	361.9	136,200*	245
250										21.3	307.2	154,200*	34.7	340.4	143,600*	44.2	356.6	132,100*	250
255										16.2	291.1	149,500*	31.9	332.3	139,900*	41.9	351.0	128,200*	255
260										8.1	264.7	132,000*	28.8	323.2	136,200*	39.5	344.9	124,400*	260
270													21.2	300.3	129,200*	34.3	330.9	117,200*	270
280													7.9	257.2	122,300*	28.3	313.4	110,500*	280
290																20.5	289.8	104,000*	290
300																5.3	240.6	97,300*	300

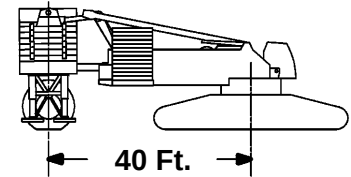


Liftcrane Luffing Jib Capacities

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
860,000 Lb. Wheeled Counterweight
at 40 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With
21000 MAX-ER



240 Ft. Boom, 210 Ft. Luffing Jib

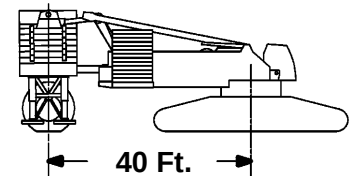
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
85	73.8	451.7	207,800*																85
90	72.3	450.0	203,600*																90
95	70.9	448.2	199,200*																95
100	69.4	446.3	194,500*	71.9	448.7	212,500*													100
105	67.9	444.2	189,600*	70.4	446.9	208,500*													105
110	66.4	442.0	184,600*	68.9	444.9	204,200*													110
115	64.9	439.6	179,500*	67.5	442.8	199,800*													115
120	63.4	437.0	174,400*	66.0	440.5	195,100*													120
125	61.8	434.3	169,200*	64.4	438.0	190,200*													125
130	60.3	431.4	164,100*	62.9	435.4	185,200*													130
135	58.7	428.3	159,000*	61.3	432.6	180,100*	67.7	440.0	221,500*										135
140	57.0	425.0	154,000*	59.7	429.6	175,000*	66.2	437.8	220,200*										140
145	55.4	421.5	149,100*	58.1	426.5	169,800*	64.7	435.3	216,900*										145
150	53.7	417.7	144,300*	56.5	423.1	164,700*	63.1	432.7	213,200*										150
155	51.9	413.7	139,700*	54.8	419.5	159,700*	61.6	430.0	209,100*										155
160	50.1	409.5	135,200*	53.1	415.7	154,700*	60.0	427.0	204,800*										160
165	48.3	405.0	130,900*	51.3	411.6	149,800*	58.4	423.9	200,300*										165
170	46.4	400.1	126,800*	49.5	407.3	145,100*	56.7	420.5	195,500*										170
175	44.4	395.0	122,900*	47.7	402.7	140,600*	55.1	417.0	190,600*	61.7	425.3	216,500*							175
180	42.4	389.5	119,200*	45.8	397.8	136,200*	53.4	413.2	185,600*	60.1	422.4	216,500*							180
185	40.3	383.5	115,700*	43.8	392.5	132,000*	51.6	409.2	180,500*	58.5	419.3	216,500*							185
190	38.1	377.1	112,500*	41.7	386.8	128,000*	49.8	404.9	175,500*	56.9	415.9	214,000*							190
195	35.7	370.1	109,500*	39.6	380.7	124,200*	48.0	400.3	170,400*	55.2	412.4	207,400*							195
200	33.2	362.4	106,800*	37.3	374.1	120,700*	46.1	395.5	165,400*	53.5	408.6	201,000*							200
205	30.5	353.9	104,400*	34.9	366.9	117,400*	44.1	390.2	160,500*	51.8	404.6	195,000*							205
210	27.6	344.4	102,300*	32.4	359.0	114,400*	42.0	384.6	155,700*	50.0	400.4	189,300*	56.8	409.2	175,800*				210
215	24.3	333.5	100,700*	29.6	350.2	111,700*	39.9	378.6	151,100*	48.1	395.8	183,800*	55.2	405.7	170,700*				215
220	20.5	320.6	99,800*	26.6	340.3	109,400*	37.7	372.1	146,600*	46.2	391.0	178,600*	53.5	401.9	165,700*				220
225	15.8	304.1	99,700*	23.2	328.9	107,600*	35.3	365.0	142,300*	44.2	385.8	173,500*	51.7	397.9	161,000*				225
230	8.7	278.3	93,600*	19.1	315.0	106,300*	32.8	357.2	138,300*	42.2	380.2	168,700*	49.9	393.6	156,500*				230
235				14.0	296.6	106,400*	30.0	348.5	134,600*	40.1	374.2	164,100*	48.1	389.1	152,200*				235
240				3.0	256.9	83,400*	27.1	338.8	131,200*	37.8	367.7	159,700*	46.2	384.2	148,000*				240
245							23.7	327.6	128,200*	35.5	360.7	155,400*	44.2	379.0	144,000*	51.5	388.9	131,000*	245
250							19.8	314.2	125,800*	33.0	353.0	151,300*	42.2	373.5	140,200*	49.7	384.6	127,000*	250
255							14.9	296.8	118,600*	30.3	344.4	147,300*	40.0	367.5	136,500*	47.8	380.0	123,200*	255
260							6.5	266.5	102,400*	27.3	334.8	143,500*	37.8	361.0	132,900*	45.9	375.1	119,500*	260
270										20.2	310.6	134,000*	32.9	346.2	126,100*	41.9	364.2	112,400*	270
280										7.6	265.7	110,900*	27.3	328.0	119,700*	37.5	351.6	105,900*	280
290													20.1	303.7	113,600*	32.5	336.6	99,700*	290
300													7.4	258.3	107,600*	26.8	318.0	93,900*	300
310																19.4	293.1	88,300*	310
320																5.0	241.2	82,300*	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
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	73.9	471.1	183,400*																90
95	72.6	469.5	180,000*																95
100	71.3	467.7	176,600*																100
105	70.0	465.8	172,800*	72.2	468.2	187,900*													105
110	68.6	463.8	169,000*	70.9	466.4	184,800*													110
115	67.3	461.7	164,900*	69.5	464.5	181,500*													115
120	65.9	459.4	160,800*	68.2	462.4	178,100*													120
125	64.5	457.0	156,700*	66.8	460.2	174,300*													125
130	63.1	454.4	152,500*	65.4	457.9	170,500*													130
135	61.7	451.6	148,300*	64.1	455.4	166,500*													135
140	60.2	448.7	144,000*	62.6	452.7	162,400*													140
145	58.8	445.6	139,900*	61.2	449.9	158,300*	67.0	457.5	193,200*										145
150	57.3	442.3	135,800*	59.8	447.0	154,100*	65.7	455.1	193,100*										150
155	55.8	438.9	131,700*	58.3	443.8	149,900*	64.3	452.7	190,400*										155
160	54.2	435.2	127,700*	56.8	440.5	145,700*	62.9	450.1	187,500*										160
165	52.7	431.4	123,900*	55.3	437.0	141,500*	61.4	447.3	184,200*										165
170	51.1	427.2	120,100*	53.7	433.2	137,400*	60.0	444.4	180,800*										170
175	49.4	422.9	116,500*	52.1	429.3	133,400*	58.5	441.2	177,200*										175
180	47.7	418.3	113,000*	50.5	425.1	129,400*	57.0	437.9	173,400*	63.0	445.4	186,500*							180
185	46.0	413.4	109,600*	48.9	420.7	125,600*	55.5	434.4	169,500*	61.6	442.6	186,500*							185
190	44.2	408.2	106,400*	47.1	416.0	121,900*	54.0	430.7	165,500*	60.1	439.7	186,500*							190
195	42.3	402.7	103,400*	45.4	411.0	118,300*	52.4	426.8	161,400*	58.6	436.6	186,500*							195
200	40.4	396.7	100,500*	43.6	405.7	114,800*	50.8	422.7	157,200*	57.2	433.3	186,500*							200
205	38.4	390.4	97,800*	41.7	400.0	111,500*	49.1	418.3	153,100*	55.6	429.8	186,500*							205
210	36.2	383.5	95,300*	39.7	394.0	108,400*	47.4	413.6	149,000*	54.1	426.2	186,500*							210
215	34.0	376.1	93,000*	37.7	387.5	105,500*	45.7	408.7	144,900*	52.5	422.3	181,200*							215
220	31.6	368.0	90,900*	35.5	380.4	102,700*	43.9	403.5	140,900*	50.9	418.2	176,000*	57.1	426.6	162,900*				220
225	29.1	359.0	89,100*	33.3	372.8	100,100*	42.0	397.8	136,900*	49.2	413.8	171,000*	55.6	423.1	158,200*				225
230	26.3	349.0	87,600*	30.8	364.4	97,800*	40.0	391.8	133,100*	47.6	409.2	166,200*	54.1	419.5	153,700*				230
235	23.2	337.5	86,500*	28.2	355.1	95,800*	38.0	385.4	129,400*	45.8	404.2	161,600*	52.5	415.5	149,400*				235
240	19.6	323.9	85,700*	25.3	344.7	94,000*	35.9	378.5	125,700*	44.0	399.0	157,200*	50.9	411.4	145,300*				240
245	15.1	306.6	86,000*	22.1	332.6	92,700*	33.6	370.9	122,400*	42.1	393.4	153,000*	49.2	407.1	141,300*				245
250	8.2	279.5	77,600*	18.2	318.0	91,900*	31.2	362.7	119,200*	40.2	387.5	148,900*	47.5	402.4	137,500*				250
255				13.3	298.8	91,800*	28.6	353.5	116,300*	38.2	381.1	145,000*	45.8	397.5	133,800*	52.2	406.6	119,400*	255
260				2.8	257.0	68,700*	25.8	343.3	113,600*	36.1	374.2	141,200*	44.0	392.3	130,300*	50.6	402.4	115,800*	260
270							18.9	317.4	109,200*	31.4	358.5	132,100*	40.2	380.7	123,600*	47.3	393.4	108,800*	270
280							6.1	267.3	85,500*	26.0	339.3	122,400*	36.0	367.4	117,300*	43.7	383.1	102,400*	280
290										19.2	313.8	113,400*	31.4	351.7	111,500*	39.9	371.4	96,300*	290
300										7.2	266.8	93,200*	26.0	332.5	105,900*	35.7	357.9	90,600*	300
310													19.1	306.9	100,600*	31.0	342.0	85,300*	310
320													7.0	259.2	95,300*	25.5	322.5	80,200*	320
330																18.5	296.2	75,200*	330
340																4.7	241.7	70,000*	340

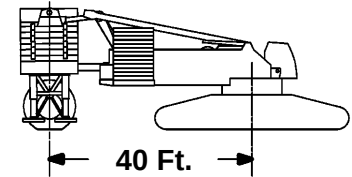


Liftcrane Luffing Jib Capacities

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
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



240 Ft. Boom, 250 Ft. Luffing Jib

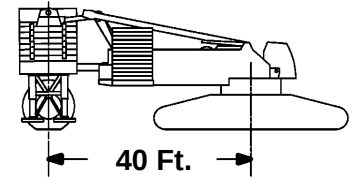
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
95	74.0	490.5	161,700*																95
100	72.8	488.9	159,000*																100
105	71.6	487.2	156,100*																105
110	70.4	485.3	153,200*	72.5	487.6	166,100*													110
115	69.2	483.4	150,000*	71.2	485.9	163,600*													115
120	67.9	481.3	146,800*	70.0	484.0	161,000*													120
125	66.7	479.1	143,400*	68.8	482.0	158,100*													125
130	65.4	476.8	140,000*	67.5	479.9	155,300*													130
135	64.2	474.3	136,600*	66.3	477.6	152,200*													135
140	62.9	471.7	133,100*	65.0	475.2	148,900*													140
145	61.5	468.9	129,600*	63.7	472.7	145,600*													145
150	60.2	466.0	126,100*	62.4	470.1	142,300*	67.7	477.1	168,800*										150
155	58.9	462.9	122,700*	61.1	467.3	138,900*	66.5	474.9	168,800*										155
160	57.5	459.7	119,300*	59.8	464.3	135,400*	65.2	472.5	168,800*										160
165	56.1	456.3	115,900*	58.4	461.2	131,900*	63.9	470.0	167,300*										165
170	54.7	452.7	112,600*	57.1	457.9	128,500*	62.6	467.4	164,900*										170
175	53.3	448.9	109,400*	55.7	454.4	125,000*	61.3	464.6	162,300*										175
180	51.8	444.9	106,200*	54.3	450.8	121,600*	60.0	461.7	159,500*										180
185	50.3	440.7	103,200*	52.8	446.9	118,200*	58.6	458.6	156,500*										185
190	48.8	436.3	100,200*	51.3	442.9	114,900*	57.3	455.3	153,600*	62.7	462.7	162,400*							190
195	47.2	431.6	97,300*	49.8	438.6	111,700*	55.9	451.9	150,400*	61.4	460.0	162,400*							195
200	45.6	426.7	94,600*	48.3	434.1	108,600*	54.5	448.2	147,100*	60.1	457.0	162,400*							200
205	43.9	421.5	92,000*	46.7	429.3	105,500*	53.0	444.4	143,800*	58.8	453.9	162,400*							205
210	42.2	415.9	89,500*	45.1	424.3	102,600*	51.6	440.4	140,400*	57.4	450.7	162,400*							210
215	40.5	410.0	87,100*	43.4	418.9	99,800*	50.1	436.2	137,000*	56.0	447.3	162,400*							215
220	38.6	403.7	84,900*	41.7	413.3	97,000*	48.5	431.7	133,600*	54.6	443.7	162,400*							220
225	36.7	396.9	82,800*	39.9	407.2	94,400*	46.9	427.0	130,200*	53.1	439.9	161,000*							225
230	34.7	389.7	80,800*	38.0	400.8	92,000*	45.3	422.0	126,800*	51.7	435.9	156,800*	57.4	444.0	149,900*				230
235	32.5	381.8	79,100*	36.0	393.9	89,700*	43.7	416.7	123,500*	50.2	431.6	152,600*	56.0	440.5	145,600*				235
240	30.3	373.3	77,500*	34.0	386.5	87,500*	41.9	411.1	120,200*	48.6	427.2	148,300*	54.6	436.9	141,500*				240
245	27.8	363.9	76,100*	31.8	378.4	85,500*	40.1	405.1	117,100*	47.1	422.5	144,100*	53.1	433.1	137,600*				245
250	25.2	353.3	75,000*	29.5	369.6	83,700*	38.3	398.7	114,000*	45.5	417.5	139,900*	51.7	429.1	133,800*				250
255	22.2	341.3	74,200*	27.0	359.8	82,200*	36.4	391.9	111,000*	43.8	412.2	135,700*	50.2	424.9	130,200*				255
260	18.7	327.0	73,800*	24.2	348.9	80,800*	34.3	384.5	108,200*	42.1	406.7	131,600*	48.6	420.5	126,700*				260
270	7.8	280.6	62,900*	17.4	321.0	79,400*	29.9	367.9	102,900*	38.4	394.4	123,600*	45.4	410.8	120,000*	51.4	420.1	103,700*	270
280				2.6	257.1	55,100*	24.7	347.5	98,600*	34.5	380.3	115,800*	42.0	399.9	113,900*	48.4	411.4	97,400*	280
290							18.0	320.4	90,900*	30.1	363.8	108,400*	38.4	387.6	108,100*	45.2	401.6	91,400*	290
300							5.8	268.1	70,200*	24.9	343.6	101,200*	34.5	373.5	102,600*	41.8	390.7	85,900*	300
310										18.4	316.9	94,900*	30.0	356.9	97,500*	38.1	378.3	80,600*	310
320										6.9	267.8	77,200*	24.8	336.7	92,700*	34.1	364.0	75,700*	320
330													18.3	309.9	88,000*	29.7	347.2	71,000*	330
340													6.6	260.2	82,100*	24.4	326.7	66,500*	340
350																17.7	299.1	62,200*	350
360																4.4	242.2	57,500*	360

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	74.2	509.8	142,900*																100
105	73.0	508.3	140,700*																105
110	71.9	506.6	138,400*																110
115	70.8	504.8	136,000*	72.7	507.0	147,000*													115
120	69.7	502.9	133,400*	71.6	505.3	145,000*													120
125	68.5	500.9	130,800*	70.4	503.5	142,900*													125
130	67.4	498.8	128,000*	69.3	501.5	140,700*													130
135	66.2	496.5	125,200*	68.1	499.5	138,300*													135
140	65.0	494.1	122,400*	67.0	497.3	135,900*													140
145	63.8	491.6	119,500*	65.8	495.0	133,300*													145
150	62.6	489.0	116,700*	64.6	492.6	130,600*													150
155	61.4	486.2	113,800*	63.5	490.1	127,900*													155
160	60.2	483.3	110,900*	62.3	487.4	125,100*	67.2	494.6	147,900*										160
165	59.0	480.3	108,000*	61.0	484.6	122,300*	66.0	492.3	147,900*										165
170	57.7	477.1	105,200*	59.8	481.6	119,400*	64.8	489.9	147,900*										170
175	56.4	473.7	102,400*	58.6	478.5	116,500*	63.6	487.4	147,300*										175
180	55.1	470.2	99,600*	57.3	475.3	113,700*	62.4	484.7	145,400*										180
185	53.8	466.5	96,900*	56.0	471.8	110,800*	61.2	481.9	143,300*										185
190	52.5	462.6	94,200*	54.7	468.2	108,000*	60.0	479.0	141,100*										190
195	51.1	458.5	91,600*	53.4	464.5	105,100*	58.7	475.9	138,700*										195
200	49.7	454.2	89,100*	52.0	460.5	102,400*	57.5	472.7	136,200*	62.5	480.0	141,300*							200
205	48.3	449.7	86,700*	50.6	456.4	99,700*	56.2	469.3	133,700*	61.3	477.3	141,300*							205
210	46.8	444.9	84,300*	49.2	452.0	97,000*	54.9	465.7	131,000*	60.1	474.4	141,300*							210
215	45.3	440.0	82,100*	47.8	447.4	94,400*	53.6	462.0	128,300*	58.8	471.3	141,300*							215
220	43.8	434.7	79,900*	46.3	442.6	91,900*	52.2	458.0	125,600*	57.6	468.0	141,300*							220
225	42.2	429.1	77,800*	44.8	437.5	89,500*	50.8	453.9	122,800*	56.3	464.7	141,300*							225
230	40.5	423.2	75,900*	43.2	432.2	87,100*	49.4	449.6	119,900*	55.0	461.1	140,000*							230
235	38.8	417.0	74,000*	41.6	426.5	84,900*	48.0	445.0	117,100*	53.7	457.4	136,100*							235
240	37.1	410.3	72,300*	40.0	420.5	82,700*	46.5	440.3	114,300*	52.3	453.5	132,200*	57.6	461.3	132,800*				240
245	35.2	403.2	70,600*	38.3	414.1	80,700*	45.0	435.2	111,300*	51.0	449.4	128,300*	56.3	458.0	132,800*				245
250	33.3	395.6	69,100*	36.5	407.3	78,700*	43.5	429.9	107,500*	49.6	445.1	124,300*	55.0	454.4	131,000*				250
255	31.2	387.4	67,700*	34.6	400.1	76,900*	41.9	424.3	103,800*	48.1	440.5	120,500*	53.7	450.7	127,400*				255
260	29.1	378.4	66,500*	32.6	392.2	75,200*	40.2	418.3	100,100*	46.7	435.8	116,600*	52.3	446.8	123,900*				260
270	24.2	357.5	64,700*	28.3	374.5	72,200*	36.8	405.3	93,100*	43.6	425.5	109,000*	49.5	438.4	117,300*				270
280	18.0	330.1	63,900*	23.3	352.9	70,000*	32.9	390.4	86,400*	40.4	414.0	101,700*	46.6	429.0	111,200*	52.1	437.8	93,600*	280
290	7.5	281.8	50,400*	16.7	323.8	66,800*	28.7	372.9	80,000*	36.9	401.0	94,600*	43.6	418.7	105,400*	49.3	429.3	87,700*	290
300				2.4	257.2	43,600*	23.7	351.6	74,000*	33.1	386.1	87,800*	40.4	407.2	100,100*	46.4	420.0	82,200*	300
310							17.3	323.3	68,500*	28.9	368.8	81,400*	36.9	394.2	95,000*	43.4	409.5	77,000*	310
320							5.5	268.9	57,300*	23.9	347.7	75,300*	33.1	379.4	88,500*	40.1	397.9	72,200*	320
330										17.6	319.9	69,700*	28.8	362.0	82,100*	36.6	384.8	67,600*	330
340										6.6	268.7	63,700*	23.9	340.9	76,000*	32.8	369.8	63,200*	340
350													17.6	312.9	70,400*	28.5	352.2	59,100*	350
360													6.3	261.1	65,500*	23.4	330.7	55,100*	360
370																17.0	302.0	51,200*	370
380																4.2	242.8	47,000*	380

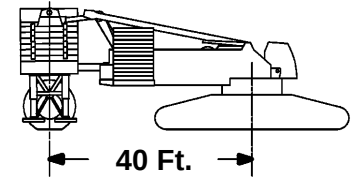


Liftcrane Luffing Jib Capacities

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
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



240 Ft. Boom, 290 Ft. Luffing Jib

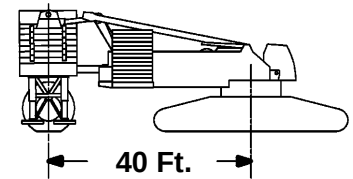
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105	74.3	529.2	125,800*																105
110	73.2	527.7	124,000*																110
115	72.2	526.0	122,100*																115
120	71.1	524.3	120,100*	72.9	526.4	129,600*													120
125	70.1	522.4	118,000*	71.8	524.7	128,000*													125
130	69.0	520.5	115,900*	70.8	523.0	126,300*													130
135	68.0	518.4	113,700*	69.7	521.1	124,500*													135
140	66.9	516.2	111,400*	68.7	519.1	122,600*													140
145	65.8	513.9	109,100*	67.6	517.0	120,600*													145
150	64.7	511.5	106,700*	66.5	514.7	118,500*													150
155	63.6	509.0	104,400*	65.4	512.4	116,400*													155
160	62.5	506.3	102,000*	64.3	510.0	114,200*													160
165	61.3	503.6	99,600*	63.2	507.4	112,000*	67.8	514.2	128,700*										165
170	60.2	500.6	97,200*	62.1	504.7	109,700*	66.7	512.0	128,700*										170
175	59.0	497.6	94,800*	61.0	501.9	107,300*	65.6	509.7	128,700*										175
180	57.9	494.4	92,400*	59.8	498.9	105,000*	64.5	507.3	128,700*										180
185	56.7	491.1	90,100*	58.7	495.9	102,600*	63.4	504.7	128,700*										185
190	55.5	487.6	87,700*	57.5	492.6	100,200*	62.3	502.0	127,700*										190
195	54.3	484.0	85,500*	56.3	489.2	97,800*	61.1	499.2	126,000*										195
200	53.0	480.1	83,200*	55.1	485.7	95,500*	60.0	496.3	124,200*										200
205	51.7	476.2	81,100*	53.8	482.0	93,100*	58.8	493.2	122,300*										205
210	50.5	472.0	78,900*	52.6	478.1	90,800*	57.7	490.0	120,300*	62.4	497.4	122,200*							210
215	49.1	467.6	76,800*	51.3	474.1	88,500*	56.5	486.7	118,300*	61.2	494.6	122,200*							215
220	47.8	463.0	74,800*	50.0	469.9	86,300*	55.3	483.2	115,100*	60.1	491.7	122,200*							220
225	46.4	458.2	72,900*	48.7	465.4	84,100*	54.0	479.5	111,100*	58.9	488.6	122,200*							225
230	45.0	453.2	71,000*	47.4	460.8	81,900*	52.8	475.6	107,400*	57.8	485.4	122,200*							230
235	43.6	447.9	69,200*	46.0	455.9	79,900*	51.5	471.6	103,700*	56.6	482.1	119,200*							235
240	42.1	442.3	67,500*	44.6	450.8	77,900*	50.2	467.4	100,000*	55.4	478.6	115,600*							240
245	40.6	436.5	65,900*	43.1	445.4	75,900*	48.9	463.0	96,300*	54.1	474.9	111,900*							245
250	39.0	430.3	64,300*	41.6	439.7	74,000*	47.6	458.4	92,700*	52.9	471.1	108,200*	57.7	478.7	113,700*				250
255	37.4	423.7	62,800*	40.1	433.7	72,200*	46.2	453.6	89,100*	51.6	467.1	104,500*	56.5	475.4	113,700*				255
260	35.7	416.7	61,500*	38.5	427.4	70,400*	44.8	448.5	85,600*	50.3	462.9	101,000*	55.3	471.9	113,700*				260
270	32.1	401.3	58,800*	35.1	413.6	64,100*	41.9	437.5	78,600*	47.7	453.9	93,800*	52.9	464.4	107,300*				270
280	28.0	383.3	53,200*	31.4	397.8	58,500*	38.7	425.3	72,100*	44.9	444.0	86,600*	50.3	456.2	100,400*				280
290	23.3	361.5	48,100*	27.3	379.3	52,800*	35.4	411.6	65,900*	42.0	433.1	79,800*	47.7	447.2	93,700*	52.7	455.4	82,600*	290
300	17.3	333.0	43,300*	22.4	356.7	47,800*	31.7	396.0	60,000*	38.9	421.0	73,300*	44.9	437.3	86,700*	50.1	447.1	77,200*	300
310	7.2	282.9	38,500*	16.1	326.5	43,000*	27.6	377.7	54,400*	35.5	407.3	67,000*	42.0	426.4	80,100*	47.5	438.1	72,100*	310
320				2.3	257.3	32,500*	22.8	355.5	49,100*	31.9	391.8	61,000*	38.8	414.2	73,600*	44.7	428.1	67,400*	320
330							16.7	326.1	44,200*	27.8	373.7	55,300*	35.5	400.5	67,400*	41.7	417.1	62,900*	330
340							5.3	269.6	40,000*	23.0	351.7	50,000*	31.8	385.0	61,500*	38.6	404.9	58,600*	340
350										17.0	322.7	45,100*	27.8	366.8	55,800*	35.2	391.1	54,600*	350
360										6.3	269.6	40,800*	23.0	344.8	50,500*	31.6	375.4	50,700*	360
370													16.9	315.7	45,600*	27.4	357.0	47,100*	370
380													6.1	262.0	41,300*	22.6	334.6	43,500*	380
390																16.4	304.7	40,000*	390
400																4.0	243.2	36,200*	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
860,000 Lb. Wheeled Counterweight
at 40 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



240 Ft. Boom, 310 Ft. Luffing Jib

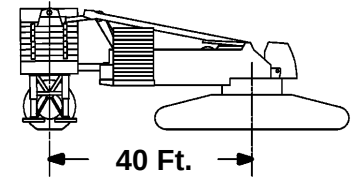
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
110	74.3	548.6	110,800*																110
115	73.4	547.1	109,300*																115
120	72.4	545.4	107,800*																120
125	71.4	543.7	106,100*																125
130	70.4	541.9	104,400*	72.1	544.2	112,900*													130
135	69.4	540.0	102,700*	71.1	542.4	111,500*													135
140	68.5	538.0	100,900*	70.1	540.6	110,100*													140
145	67.4	535.9	99,000*	69.1	538.6	108,600*													145
150	66.4	533.6	97,100*	68.1	536.6	107,000*													150
155	65.4	531.3	95,200*	67.1	534.4	105,300*													155
160	64.4	528.9	93,200*	66.1	532.2	103,600*													160
165	63.4	526.3	91,200*	65.1	529.8	101,800*													165
170	62.3	523.7	89,200*	64.1	527.3	100,000*													170
175	61.2	520.9	87,200*	63.0	524.7	98,100*	67.3	531.7	112,000*										175
180	60.2	518.0	85,200*	62.0	522.0	96,200*	66.3	529.4	112,000*										180
185	59.1	514.9	83,300*	60.9	519.2	94,300*	65.2	527.1	112,000*										185
190	58.0	511.8	81,300*	59.8	516.3	92,300*	64.2	524.6	112,000*										190
195	56.9	508.5	79,300*	58.7	513.2	90,300*	63.2	522.0	112,000*										195
200	55.8	505.0	77,400*	57.6	510.0	88,400*	62.1	519.4	112,000*										200
205	54.6	501.4	75,500*	56.5	506.6	86,400*	61.1	516.6	110,800*										205
210	53.5	497.7	73,600*	55.4	503.1	84,500*	60.0	513.6	108,200*										210
215	52.3	493.8	71,800*	54.3	499.5	82,500*	58.9	510.6	104,600*										215
220	51.1	489.7	70,000*	53.1	495.7	80,600*	57.8	507.4	101,100*	62.2	514.7	105,400*							220
225	49.9	485.5	68,200*	51.9	491.7	78,600*	56.7	504.1	97,500*	61.2	511.9	105,400*							225
230	48.7	481.0	66,500*	50.7	487.6	76,800*	55.6	500.6	93,900*	60.1	509.0	105,400*							230
235	47.4	476.4	64,800*	49.5	483.3	74,500*	54.4	497.0	90,400*	59.0	505.9	104,400*							235
240	46.1	471.5	63,200*	48.3	478.8	71,200*	53.3	493.2	86,900*	57.9	502.8	101,100*							240
245	44.8	466.5	61,600*	47.0	474.1	67,900*	52.1	489.3	83,400*	56.8	499.5	97,700*							245
250	43.5	461.1	58,900*	45.7	469.2	64,700*	50.9	485.2	79,900*	55.7	496.0	94,300*							250
255	42.1	455.6	56,000*	44.4	464.0	61,600*	49.7	480.9	76,400*	54.5	492.4	90,800*							255
260	40.7	449.7	53,100*	43.0	458.6	58,600*	48.5	476.4	73,100*	53.4	488.6	87,500*	57.9	496.0	97,200*				260
270	37.7	437.0	47,400*	40.2	447.0	52,700*	45.9	466.9	66,500*	51.0	480.6	80,600*	55.7	489.3	92,800*				270
280	34.5	422.8	42,100*	37.2	434.1	47,000*	43.2	456.4	60,200*	48.6	471.9	73,900*	53.4	481.9	86,500*				280
290	31.0	406.7	37,000*	33.9	419.6	41,600*	40.4	444.8	54,100*	46.0	462.4	67,300*	51.0	473.9	80,200*				290
300	27.0	388.0	32,100*	30.3	403.1	36,400*	37.4	432.0	48,200*	43.3	451.9	61,000*	48.5	465.2	73,700*				300
310	22.5	365.4	27,500*	26.3	383.9	31,600*	34.2	417.7	42,700*	40.5	440.4	54,900*	46.0	455.6	67,300*	50.8	464.9	68,400*	310
320	16.7	335.8	23,200*	21.6	360.4	27,000*	30.6	401.4	37,500*	37.5	427.7	49,000*	43.3	445.2	61,100*	48.3	456.1	63,600*	320
330	6.9	283.9	19,500*	15.5	329.1	22,800*	26.7	382.4	32,600*	34.3	413.4	43,500*	40.5	433.7	55,200*	45.8	446.5	59,200*	330
340				2.1	257.5	19,300*	22.0	359.3	28,000*	30.8	397.2	38,300*	37.5	420.9	49,300*	43.1	436.0	55,000*	340
350							16.1	328.8	23,700*	26.8	378.4	33,300*	34.3	406.6	43,800*	40.3	424.4	51,000*	350
360							5.1	270.4	20,000*	22.2	355.5	28,600*	30.8	390.4	38,600*	37.3	411.6	47,200*	360
370										16.4	325.5	24,300*	26.8	371.5	33,600*	34.0	397.1	43,500*	370
380										6.0	270.5	20,500*	22.2	348.6	29,000*	30.5	380.7	38,400*	380
390													16.3	318.5	24,600*	26.5	361.6	33,500*	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
 860,000 Lb. Wheeled Counterweight
 at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
55	72.1	355.5	410,400*c																55
60	68.6	353.4	398,200*c																60
65	65.1	351.0	384,900*b	71.4	354.4	417,800*c													65
70	61.4	348.1	370,700*b	68.0	352.2	409,500*b													70
75	57.6	344.8	356,400*b	64.4	349.7	396,600*b													75
80	53.6	341.0	342,400*	60.7	346.7	382,800*b													80
85	49.3	336.5	328,800*	56.9	343.3	368,600*b													85
90	44.8	331.4	316,000*	52.8	339.4	354,500*													90
95	39.7	325.2	304,500*	48.5	334.8	340,700*	66.2	347.7	425,600*b										95
100	34.0	317.7	294,700*	43.9	329.5	327,600*	62.6	345.0	420,900*b										100
105	27.1	308.2	288,000*	38.7	323.2	315,700*	58.8	341.8	408,700*b										105
110	17.5	293.9	278,100*	32.8	315.4	305,500*	54.9	338.1	395,500*										110
115				25.6	305.2	298,300*	50.7	333.9	381,800*										115
120				14.9	289.0	271,800*	46.2	329.0	368,000*										120
125							41.4	323.1	354,800*	60.4	337.9	360,500*b							125
130							35.9	316.2	342,300*	56.6	334.5	345,500*b							130
135							29.5	307.4	331,500*	52.5	330.5	331,500*							135
140							21.0	295.1	323,700*	48.2	325.9	318,400*							140
145										43.5	320.5	306,200*							145
150										38.3	314.0	294,700*	57.8	328.4	277,100*b				150
155										32.3	306.1	283,800*	53.8	324.6	267,000*				155
160										25.0	295.7	273,500*	49.6	320.2	257,600*				160
165										13.6	278.5	263,400*	45.0	315.1	248,600*				165
170													40.0	309.0	240,100*				170
175													34.3	301.6	232,100*				175
180													27.5	292.2	224,300*	50.3	312.0	210,500*	180
185													18.1	278.2	216,700*	45.8	307.0	203,800*	185
190																40.9	301.1	197,300*	190
195																35.4	294.0	191,100*	195
200																28.8	285.0	185,200*	200
205																20.1	272.2	179,300*	205

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

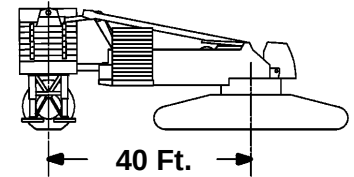
Capacities indicated by **(c)** require
 37,000 Lb. minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
860,000 Lb. Wheeled Counterweight
at 40 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



260 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	72.7	375.0	357,500*c																60
65	69.9	373.0	347,400*b																65
70	67.1	370.8	336,400*b	72.2	373.9	368,000*c													70
75	64.2	368.3	324,800*b	69.4	371.9	358,700*b													75
80	61.2	365.4	313,100*	66.5	369.6	348,300*b													80
85	58.1	362.2	301,200*	63.6	367.0	337,100*b													85
90	54.8	358.5	289,500*	60.6	364.1	325,400*													90
95	51.5	354.4	278,200*	57.5	360.7	313,800*													95
100	47.9	349.8	267,400*	54.2	357.0	302,000*	68.0	367.4	375,200*b										100
105	44.1	344.5	257,400*	50.8	352.8	290,500*	65.1	365.0	372,600*b										105
110	40.1	338.5	248,200*	47.2	348.1	279,400*	62.1	362.2	363,300*										110
115	35.6	331.4	240,200*	43.4	342.7	269,000*	59.0	359.1	353,000*										115
120	30.4	323.0	233,700*	39.3	336.5	259,400*	55.9	355.6	342,000*										120
125	24.2	312.1	229,600*	34.7	329.2	250,900*	52.5	351.7	330,600*										125
130	15.5	296.1	229,900*	29.4	320.4	243,800*	49.1	347.2	319,300*										130
135				22.9	308.9	239,200*	45.4	342.2	307,900*	60.3	355.2	329,300*							135
140				13.1	290.9	230,900*	41.4	336.4	297,000*	57.2	351.9	316,400*							140
145							37.0	329.7	286,600*	54.0	348.1	304,300*							145
150							32.1	321.7	277,200*	50.6	343.9	293,000*							150
155							26.3	311.7	269,300*	46.9	339.1	282,400*							155
160							18.7	298.0	264,000*	43.1	333.7	272,500*							160
165										38.9	327.4	263,000*	55.0	342.2	246,500*				165
170										34.3	320.0	254,100*	51.6	338.1	238,200*				170
175										28.9	311.0	245,600*	48.1	333.5	230,300*				175
180										22.3	299.3	237,400*	44.3	328.3	222,800*				180
185										12.0	280.1	229,400*	40.3	322.3	215,800*				185
190													35.8	315.3	209,000*	52.2	329.8	195,100*	190
195													30.7	306.9	202,500*	48.7	325.3	189,100*	195
200													24.6	296.2	196,200*	45.0	320.2	183,400*	200
205													16.1	280.6	190,000*	41.0	314.4	178,000*	205
210																36.6	307.5	172,700*	210
215																31.6	299.4	167,600*	215
220																25.7	289.3	162,700*	220
225																17.9	275.0	157,900*	225

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

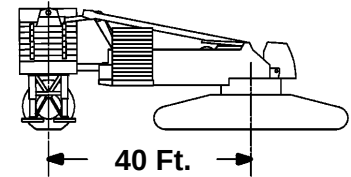
Capacities indicated by **(c)** require
37,000 Lb. minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 860,000 Lb. Wheeled Counterweight
 at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
65	73.2	394.4	311,900* b																65
70	70.8	392.6	303,700* b																70
75	68.4	390.5	294,700* b	72.7	393.3	322,100* b													75
80	66.0	388.2	285,300*	70.4	391.4	314,700* b													80
85	63.5	385.6	275,800*	68.0	389.3	306,300* b													85
90	61.0	382.7	266,000*	65.5	386.9	297,400*													90
95	58.4	379.5	256,300*	63.0	384.3	288,100*													95
100	55.7	376.0	246,700*	60.5	381.4	278,500*													100
105	52.9	372.1	237,400*	57.9	378.1	268,700*													105
110	50.0	367.8	228,500*	55.2	374.5	259,100*	66.8	384.8	329,500*										110
115	46.9	363.1	220,100*	52.4	370.6	249,600*	64.3	382.3	322,600*										115
120	43.7	357.7	212,200*	49.4	366.2	240,400*	61.8	379.5	314,700*										120
125	40.3	351.8	204,900*	46.3	361.3	231,600*	59.2	376.5	306,100*										125
130	36.6	345.0	198,400*	43.1	355.9	223,300*	56.5	373.1	297,100*										130
135	32.5	337.1	192,900*	39.6	349.8	215,600*	53.8	369.3	287,900*										135
140	27.8	327.7	188,500*	35.8	342.8	208,600*	50.9	365.1	278,400*	62.8	375.5	312,500*							140
145	22.1	315.8	186,000*	31.6	334.7	202,600*	47.9	360.5	269,000*	60.3	372.5	300,500*							145
150	14.0	298.2	187,000*	26.8	324.9	197,800*	44.7	355.4	259,700*	57.7	369.3	289,300*							150
155				20.8	312.3	194,900*	41.4	349.6	250,800*	54.9	365.7	278,900*							155
160				11.8	292.6	196,100*	37.8	343.1	242,300*	52.1	361.7	269,000*							160
165							33.8	335.6	234,400*	49.2	357.3	259,700*							165
170							29.3	326.7	227,400*	46.1	352.4	251,000*							170
175							24.0	315.7	221,600*	42.8	346.9	242,700*	55.8	359.7	226,400*				175
180							17.0	300.7	217,900*	39.3	340.7	234,800*	53.0	355.8	219,100*				180
185										35.5	333.6	227,300*	50.1	351.5	212,100*				185
190										31.3	325.4	220,200*	47.1	346.8	205,500*				190
195										26.4	315.4	213,400*	43.9	341.5	199,200*				195
200										20.3	302.6	206,800*	40.5	335.5	193,200*				200
205										10.8	281.6	200,200*	36.8	328.8	187,400*	50.6	343.3	174,100*	205
210													32.7	321.0	181,900*	47.6	338.6	169,000*	210
215													28.0	311.6	176,600*	44.5	333.4	164,100*	215
220													22.4	299.9	171,400*	41.1	327.6	159,400*	220
225													14.6	282.9	166,300*	37.4	321.0	154,900*	225
230																33.4	313.4	150,500*	230
235																28.9	304.4	146,300*	235
240																23.5	293.1	142,200*	240
245																16.2	277.5	138,100*	245

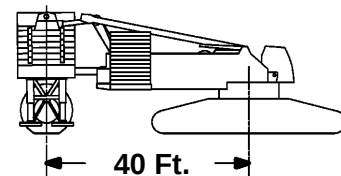
Capacities indicated by **(b)** require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

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
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	73.5	413.8	273,900*																70
75	71.4	412.1	267,200*																75
80	69.4	410.1	260,000*																80
85	67.3	407.9	252,600*	71.1	410.9	277,500*													85
90	65.2	405.5	244,800*	69.0	408.9	271,000*													90
95	63.0	402.9	236,800*	66.9	406.7	263,800*													95
100	60.8	400.0	228,800*	64.8	404.3	256,500*													100
105	58.6	396.9	220,900*	62.6	401.6	248,700*													105
110	56.3	393.5	213,100*	60.4	398.7	240,800*													110
115	53.9	389.7	205,400*	58.2	395.5	232,800*	68.0	404.5	291,300*										115
120	51.4	385.7	198,100*	55.8	392.0	224,900*	65.9	402.2	287,000*										120
125	48.9	381.2	191,000*	53.4	388.2	217,100*	63.7	399.6	281,200*										125
130	46.2	376.3	184,300*	51.0	384.1	209,500*	61.5	396.9	274,700*										130
135	43.4	371.0	178,000*	48.4	379.5	202,100*	59.3	393.8	267,700*										135
140	40.4	365.0	172,200*	45.7	374.6	195,100*	57.0	390.5	260,300*										140
145	37.3	358.4	166,900*	42.9	369.1	188,500*	54.6	386.8	252,900*										145
150	33.8	350.9	162,300*	39.9	363.0	182,300*	52.2	382.9	245,100*	62.5	392.8	286,700*							150
155	30.0	342.3	158,300*	36.6	356.3	176,600*	49.7	378.5	237,400*	60.3	389.9	276,300*							155
160	25.7	332.0	155,400*	33.1	348.6	171,500*	47.0	373.8	229,700*	58.0	386.6	266,500*							160
165	20.4	319.1	153,900*	29.3	339.7	167,100*	44.3	368.6	222,100*	55.7	383.1	257,300*							165
170	12.9	300.2	155,200*	24.8	329.1	163,800*	41.4	362.8	214,800*	53.2	379.3	248,600*							170
175				19.2	315.5	162,000*	38.3	356.4	207,800*	50.8	375.1	240,400*							175
180				10.9	294.1	163,400*	34.9	349.2	201,300*	48.2	370.6	232,700*							180
185							31.3	341.0	195,200*	45.5	365.6	225,300*	56.4	377.1	209,500*				185
190							27.1	331.3	189,900*	42.6	360.1	218,300*	54.0	373.4	202,900*				190
195							22.2	319.4	185,500*	39.6	354.0	211,600*	51.6	369.3	196,700*				195
200							15.7	303.1	183,100*	36.4	347.1	205,300*	49.0	364.9	190,800*				200
205										32.9	339.4	199,200*	46.3	360.0	185,100*				205
210										28.9	330.4	193,300*	43.5	354.7	179,700*				210
215										24.4	319.5	187,700*	40.6	348.8	174,600*	52.0	361.0	161,400*	215
220										18.7	305.6	182,200*	37.4	342.2	169,600*	49.5	356.7	156,800*	220
225										9.9	283.0	176,700*	34.0	334.7	164,800*	46.8	351.9	152,400*	225
230													30.2	326.2	160,300*	44.0	346.6	148,200*	230
235													25.9	316.0	155,800*	41.1	340.8	144,100*	235
240													20.7	303.3	151,500*	38.0	334.4	140,200*	240
245													13.4	284.9	147,100*	34.6	327.1	136,400*	245
250																30.9	318.7	132,700*	250
255																26.7	308.9	129,200*	255
260																21.7	296.7	125,700*	260

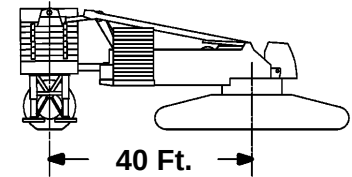
Capacities indicated by (b) require
21,000 Lb. minimum weight suspended
beneath luffing jib point.

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
 860,000 Lb. Wheeled Counterweight
 at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
75	73.7	433.2	240,700*																75
80	71.9	431.5	235,300*																80
85	70.1	429.6	229,400*																85
90	68.3	427.6	223,400*	71.6	430.4	244,900*													90
95	66.5	425.3	217,100*	69.8	428.5	239,700*													95
100	64.6	422.9	210,600*	68.0	426.4	234,000*													100
105	62.7	420.2	204,000*	66.1	424.1	228,000*													105
110	60.7	417.3	197,400*	64.2	421.6	221,800*													110
115	58.8	414.2	190,900*	62.3	418.9	215,400*													115
120	56.7	410.9	184,400*	60.4	416.0	208,800*													120
125	54.6	407.2	178,200*	58.4	412.9	202,300*	67.0	422.0	255,100*										125
130	52.5	403.3	172,100*	56.3	409.4	195,700*	65.2	419.6	250,700*										130
135	50.3	399.1	166,200*	54.3	405.8	189,300*	63.3	417.0	245,800*										135
140	48.0	394.5	160,600*	52.1	401.8	183,000*	61.4	414.2	240,400*										140
145	45.6	389.6	155,300*	49.9	397.5	176,900*	59.4	411.1	234,700*										145
150	43.2	384.2	150,300*	47.6	392.9	171,000*	57.4	407.9	228,800*										150
155	40.6	378.3	145,600*	45.2	387.8	165,300*	55.3	404.3	222,500*										155
160	37.8	371.8	141,300*	42.7	382.3	160,000*	53.2	400.5	216,200*	62.2	410.1	252,600*							160
165	34.8	364.5	137,400*	40.1	376.3	154,900*	51.0	396.4	209,800*	60.2	407.2	252,600*							165
170	31.6	356.4	134,000*	37.3	369.7	150,300*	48.7	391.9	203,400*	58.2	404.0	244,800*							170
175	28.1	347.1	131,300*	34.3	362.3	146,000*	46.4	387.1	197,100*	56.2	400.6	236,700*							175
180	24.0	336.1	129,200*	31.0	354.0	142,300*	44.0	381.8	190,900*	54.1	396.9	229,000*							180
185	19.0	322.2	128,400*	27.3	344.4	139,200*	41.4	376.1	184,900*	51.9	392.9	221,700*							185
190	12.0	302.0	129,900*	23.1	333.0	136,800*	38.7	369.8	179,100*	49.7	388.6	214,800*							190
195				17.9	318.4	135,600*	35.8	362.8	173,700*	47.4	383.9	208,200*	56.8	394.5	192,700*				195
200				10.1	295.6	137,300*	32.7	355.0	168,600*	45.0	378.8	201,900*	54.8	390.9	186,800*				200
205							29.2	346.0	164,000*	42.5	373.3	195,900*	52.6	387.0	181,300*				205
210							25.3	335.6	159,900*	39.8	367.2	190,200*	50.4	382.8	175,900*				210
215							20.7	322.9	156,700*	37.0	360.6	184,800*	48.1	378.2	170,900*				215
220							14.6	305.5	155,000*	34.0	353.1	179,500*	45.8	373.3	166,000*				220
225										30.7	344.7	174,500*	43.3	367.9	161,300*	53.0	378.7	148,300*	225
230										27.0	335.0	169,600*	40.7	362.0	156,800*	50.8	374.5	144,200*	230
235										22.8	323.4	164,900*	37.9	355.6	152,500*	48.5	370.0	140,200*	235
240										17.5	308.4	160,300*	35.0	348.4	148,400*	46.2	365.1	136,300*	240
245										9.1	284.2	155,700*	31.8	340.3	144,400*	43.7	359.9	132,600*	245
250													28.2	331.0	140,500*	41.2	354.1	129,100*	250
255													24.2	320.1	136,700*	38.4	347.7	125,600*	255
260													19.3	306.5	133,100*	35.5	340.6	122,300*	260
270																28.9	323.7	116,000*	270
280																20.2	300.1	109,500*	280

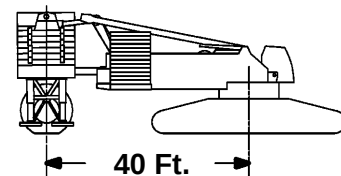
Capacities indicated by (b) require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

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
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	73.9	452.6	212,700*																80
85	72.3	451.0	208,300*																85
90	70.7	449.1	203,500*																90
95	69.1	447.2	198,600*	72.0	449.8	217,200*													95
100	67.5	445.0	193,400*	70.4	448.0	212,900*													100
105	65.8	442.7	188,100*	68.8	446.0	208,300*													105
110	64.1	440.2	182,700*	67.1	443.8	203,600*													110
115	62.4	437.5	177,200*	65.5	441.5	198,500*													115
120	60.7	434.7	171,800*	63.8	439.0	193,300*													120
125	58.9	431.6	166,400*	62.1	436.2	188,000*													125
130	57.1	428.3	161,100*	60.3	433.3	182,500*	68.0	441.6	226,100*										130
135	55.2	424.7	155,900*	58.6	430.2	177,100*	66.3	439.4	224,100*										135
140	53.3	420.9	150,800*	56.7	426.9	171,700*	64.6	436.9	220,400*										140
145	51.4	416.9	145,900*	54.9	423.3	166,400*	62.9	434.3	216,300*										145
150	49.4	412.5	141,200*	53.0	419.4	161,100*	61.2	431.5	211,800*										150
155	47.3	407.9	136,700*	51.0	415.3	156,000*	59.4	428.5	207,200*										155
160	45.2	402.8	132,400*	49.0	410.9	151,100*	57.7	425.2	202,200*										160
165	43.0	397.4	128,300*	46.9	406.2	146,300*	55.8	421.8	197,100*										165
170	40.7	391.5	124,500*	44.8	401.1	141,700*	53.9	418.0	191,900*	61.9	427.4	222,800*							170
175	38.2	385.1	121,000*	42.6	395.5	137,300*	52.0	414.1	186,600*	60.2	424.5	222,800*							175
180	35.6	378.1	117,800*	40.2	389.6	133,200*	50.0	409.8	181,300*	58.4	421.4	222,800*							180
185	32.8	370.3	114,900*	37.7	383.1	129,400*	48.0	405.2	176,000*	56.6	418.0	219,100*							185
190	29.8	361.6	112,500*	35.1	375.9	125,900*	45.9	400.3	170,800*	54.7	414.4	212,200*							190
195	26.4	351.6	110,500*	32.3	368.0	122,700*	43.7	395.0	165,700*	52.8	410.5	205,600*							195
200	22.6	339.9	109,100*	29.2	359.1	119,900*	41.4	389.3	160,700*	50.9	406.4	199,400*							200
205	17.9	325.2	108,700*	25.8	348.8	117,600*	39.0	383.1	156,000*	48.9	402.0	193,500*	57.2	411.9	178,400*				205
210	11.3	303.7	110,300*	21.8	336.6	116,000*	36.4	376.2	151,400*	46.8	397.2	187,800*	55.3	408.4	173,200*				210
215				16.9	321.1	115,200*	33.7	368.7	147,200*	44.6	392.0	182,400*	53.4	404.6	168,100*				215
220				9.4	297.0	117,000*	30.8	360.3	143,200*	42.4	386.5	177,200*	51.5	400.5	163,300*				220
225							27.5	350.8	139,600*	40.0	380.5	172,300*	49.5	396.2	158,700*				225
230							23.8	339.7	136,400*	37.5	373.9	167,500*	47.4	391.5	154,300*				230
235							19.5	326.1	134,100*	34.9	366.7	162,900*	45.3	386.5	150,000*				235
240							13.7	307.6	133,000*	32.0	358.7	158,500*	43.1	381.1	145,900*	51.8	392.2	133,500*	240
245										28.9	349.7	154,300*	40.8	375.3	142,000*	49.9	388.0	129,900*	245
250										25.5	339.4	150,200*	38.3	368.9	138,200*	47.8	383.4	126,400*	250
255										21.4	327.0	146,200*	35.7	361.9	134,600*	45.7	378.4	123,000*	255
260										16.4	311.1	142,300*	33.0	354.2	131,000*	43.5	373.1	119,700*	260
270													26.6	335.6	124,300*	38.8	361.0	113,200*	270
280													18.2	309.5	117,900*	33.5	346.5	106,700*	280
290																27.2	328.4	100,500*	290
300																19.0	303.3	94,500*	300

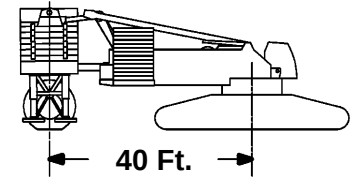


Liftcrane Luffing Jib Capacities

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
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



260 Ft. Boom, 210 Ft. Luffing Jib

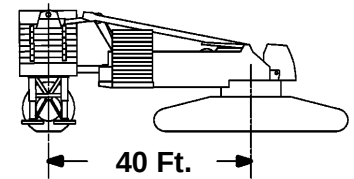
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	74.1	472.0	187,300*																85
90	72.6	470.4	183,800*																90
95	71.2	468.6	180,000*																95
100	69.7	466.7	176,100*	72.4	469.3	191,700*													100
105	68.3	464.6	171,900*	70.9	467.5	188,400*													105
110	66.8	462.4	167,600*	69.5	465.5	184,800*													110
115	65.3	460.1	163,200*	68.0	463.5	181,000*													115
120	63.7	457.5	158,800*	66.5	461.2	177,100*													120
125	62.2	454.9	154,300*	65.0	458.8	172,900*													125
130	60.6	452.0	149,800*	63.4	456.3	168,600*													130
135	59.0	448.9	145,400*	61.9	453.5	164,200*													135
140	57.4	445.6	141,000*	60.3	450.6	159,800*	67.2	459.0	198,000*										140
145	55.7	442.2	136,700*	58.7	447.5	155,300*	65.7	456.7	196,200*										145
150	54.0	438.5	132,500*	57.1	444.2	150,900*	64.2	454.3	193,200*										150
155	52.3	434.5	128,400*	55.4	440.7	146,500*	62.7	451.6	189,800*										155
160	50.5	430.4	124,400*	53.7	437.0	142,200*	61.1	448.8	186,200*										160
165	48.7	425.9	120,600*	52.0	433.0	137,900*	59.5	445.8	182,500*										165
170	46.8	421.1	117,000*	50.2	428.8	133,700*	57.9	442.6	178,500*										170
175	44.8	416.1	113,500*	48.3	424.3	129,700*	56.2	439.2	174,400*										175
180	42.8	410.6	110,200*	46.4	419.5	125,800*	54.5	435.6	170,200*	61.8	444.7	194,400*							180
185	40.7	404.7	107,100*	44.5	414.3	122,100*	52.8	431.7	165,900*	60.2	441.8	194,400*							185
190	38.5	398.4	104,100*	42.4	408.8	118,500*	51.1	427.6	161,500*	58.6	438.7	194,400*							190
195	36.2	391.5	101,500*	40.3	402.8	115,100*	49.2	423.2	157,200*	56.9	435.4	194,400*							195
200	33.7	384.0	99,000*	38.1	396.4	111,900*	47.4	418.6	152,800*	55.3	431.9	192,800*							200
205	31.1	375.8	96,900*	35.8	389.4	109,000*	45.5	413.6	148,600*	53.6	428.1	189,500*							205
210	28.2	366.5	95,100*	33.3	381.8	106,300*	43.5	408.2	144,400*	51.8	424.1	184,200*							210
215	25.1	355.9	93,600*	30.6	373.3	103,900*	41.4	402.5	140,300*	50.0	419.9	178,900*	57.5	429.3	164,100*				215
220	21.4	343.5	92,700*	27.7	363.9	101,800*	39.2	396.4	136,300*	48.2	415.3	173,700*	55.8	425.8	159,400*				220
225	16.9	328.0	92,600*	24.4	353.0	100,100*	36.9	389.7	132,600*	46.3	410.5	168,800*	54.1	422.1	154,800*				225
230	10.6	305.4	94,200*	20.6	340.1	98,900*	34.5	382.4	129,000*	44.3	405.3	164,100*	52.4	418.2	150,400*				230
235				16.0	323.7	98,600*	32.0	374.3	125,600*	42.3	399.7	159,600*	50.6	414.0	146,200*				235
240				8.9	298.3	100,200*	29.2	365.4	122,500*	40.2	393.7	155,300*	48.8	409.6	142,200*				240
245							26.1	355.3	119,700*	37.9	387.3	151,100*	46.9	404.9	138,300*				245
250							22.6	343.5	117,300*	35.6	380.3	147,100*	44.9	399.8	134,600*	52.7	409.9	122,300*	250
255							18.5	329.2	115,500*	33.1	372.6	143,200*	42.9	394.4	131,000*	50.9	405.7	118,700*	255
260							13.0	309.7	114,800*	30.4	364.0	139,500*	40.8	388.5	127,500*	49.1	401.4	115,000*	260
270										24.1	343.5	132,300*	36.3	375.4	121,000*	45.3	391.7	108,200*	270
280										15.5	313.6	125,500*	31.2	359.6	114,800*	41.2	380.5	101,800*	280
290													25.2	340.0	109,000*	36.7	367.6	95,900*	290
300													17.2	312.3	103,400*	31.7	352.1	90,200*	300
310																25.8	332.9	84,900*	310
320																18.0	306.3	79,700*	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
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	74.2	491.4	165,900*																90
95	72.9	489.8	163,000*																95
100	71.6	488.1	159,800*																100
105	70.2	486.2	156,600*	72.6	488.7	170,200*													105
110	68.9	484.2	153,200*	71.3	487.0	167,500*													110
115	67.5	482.1	149,700*	70.0	485.1	164,600*													115
120	66.2	479.9	146,100*	68.6	483.1	161,500*													120
125	64.8	477.4	142,400*	67.3	480.9	158,400*													125
130	63.4	474.9	138,700*	65.9	478.6	155,000*													130
135	62.0	472.2	135,000*	64.5	476.2	151,500*													135
140	60.5	469.3	131,300*	63.1	473.6	147,900*													140
145	59.1	466.2	127,600*	61.7	470.9	144,300*	68.0	478.7	174,700*										145
150	57.6	463.0	123,900*	60.3	468.0	140,600*	66.6	476.5	174,700*										150
155	56.1	459.6	120,300*	58.8	464.9	136,900*	65.2	474.1	172,900*										155
160	54.6	456.0	116,800*	57.3	461.6	133,200*	63.8	471.6	170,400*										160
165	53.0	452.1	113,400*	55.8	458.2	129,500*	62.4	468.9	167,700*										165
170	51.4	448.1	110,000*	54.3	454.5	125,900*	61.0	466.1	164,700*										170
175	49.7	443.8	106,800*	52.7	450.6	122,300*	59.5	463.1	161,700*										175
180	48.1	439.3	103,700*	51.1	446.5	118,800*	58.1	459.9	158,400*										180
185	46.3	434.4	100,700*	49.4	442.2	115,400*	56.6	456.6	155,000*										185
190	44.6	429.3	97,800*	47.7	437.6	112,100*	55.0	453.0	151,500*	61.6	462.0	171,000*							190
195	42.7	423.8	95,100*	46.0	432.7	108,900*	53.5	449.3	148,000*	60.2	459.1	171,000*							195
200	40.8	418.0	92,600*	44.2	427.5	105,800*	51.9	445.3	144,400*	58.7	456.0	171,000*							200
205	38.8	411.7	90,200*	42.4	422.0	102,900*	50.3	441.1	140,800*	57.2	452.8	171,000*							205
210	36.7	405.0	87,900*	40.4	416.1	100,100*	48.6	436.6	137,200*	55.7	449.3	171,000*							210
215	34.5	397.7	85,900*	38.4	409.7	97,400*	46.9	431.9	133,600*	54.1	445.6	169,200*							215
220	32.2	389.7	84,000*	36.3	402.9	94,900*	45.1	426.8	130,000*	52.6	441.7	166,400*							220
225	29.6	380.9	82,400*	34.1	395.5	92,700*	43.3	421.5	126,600*	51.0	437.6	163,500*	57.7	446.6	151,900*				225
230	26.9	371.2	81,100*	31.7	387.4	90,600*	41.4	415.7	123,200*	49.3	433.3	160,200*	56.2	443.2	147,600*				230
235	23.9	360.0	80,000*	29.1	378.4	88,700*	39.4	409.6	119,900*	47.6	428.6	156,900*	54.6	439.6	143,400*				235
240	20.4	347.0	79,500*	26.4	368.4	87,100*	37.4	403.0	116,700*	45.9	423.7	152,800*	53.1	435.8	139,400*				240
245	16.1	330.6	79,600*	23.3	357.0	85,900*	35.2	395.9	113,700*	44.1	418.5	148,600*	51.5	431.8	135,500*				245
250	10.1	307.0	81,100*	19.7	343.4	85,100*	32.9	388.2	110,800*	42.2	413.0	144,700*	49.8	427.5	131,900*				250
255				15.2	326.2	85,000*	30.4	379.7	108,200*	40.3	407.0	140,800*	48.2	423.0	128,300*				255
260				8.4	299.6	83,600*	27.8	370.2	105,700*	38.2	400.6	137,100*	46.4	418.1	124,900*				260
270							21.5	347.2	101,600*	33.9	386.3	130,100*	42.8	407.6	118,400*	50.1	419.2	104,500*	270
280							12.3	311.7	96,500*	28.9	369.1	123,600*	38.9	395.5	112,300*	46.7	410.0	98,200*	280
290										23.0	347.4	117,400*	34.6	381.5	106,600*	43.1	399.5	92,300*	290
300										14.8	316.1	106,800*	29.8	364.9	101,300*	39.2	387.6	86,800*	300
310													24.0	344.1	96,200*	35.0	373.8	81,600*	310
320													16.4	315.0	91,300*	30.2	357.4	76,700*	320
330																24.6	337.1	72,000*	330
340																17.2	309.1	67,400*	340

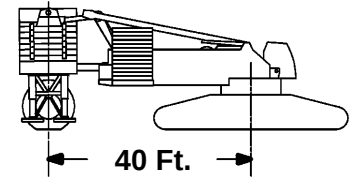


Liftcrane Luffing Jib Capacities

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
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



260 Ft. Boom, 250 Ft. Luffing Jib

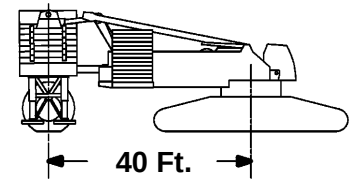
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	74.3	510.7	146,400*																95
100	73.1	509.2	144,000*																100
105	71.9	507.5	141,500*																105
110	70.7	505.7	138,900*	72.9	508.1	150,500*													110
115	69.4	503.8	136,100*	71.7	506.4	148,400*													115
120	68.2	501.7	133,200*	70.4	504.6	146,100*													120
125	67.0	499.5	130,200*	69.2	502.6	143,600*													125
130	65.7	497.2	127,200*	68.0	500.5	141,000*													130
135	64.4	494.8	124,100*	66.7	498.4	138,300*													135
140	63.1	492.2	121,000*	65.5	496.0	135,400*													140
145	61.8	489.5	117,900*	64.2	493.5	132,500*													145
150	60.5	486.6	114,800*	62.9	490.9	129,500*													150
155	59.2	483.6	111,700*	61.6	488.2	126,500*	67.3	496.1	154,000*										155
160	57.8	480.4	108,700*	60.3	485.3	123,400*	66.1	493.9	154,000*										160
165	56.4	477.0	105,700*	58.9	482.2	120,300*	64.8	491.5	152,100*										165
170	55.0	473.5	102,700*	57.5	479.0	117,300*	63.5	488.9	150,000*										170
175	53.6	469.7	99,900*	56.2	475.6	114,200*	62.2	486.2	147,800*										175
180	52.1	465.8	97,000*	54.7	472.0	111,200*	60.9	483.4	145,400*										180
185	50.6	461.6	94,300*	53.3	468.2	108,200*	59.6	480.4	142,800*										185
190	49.1	457.2	91,700*	51.8	464.2	105,200*	58.2	477.3	140,200*										190
195	47.6	452.6	89,100*	50.4	460.0	102,400*	56.9	474.0	137,400*	62.8	482.1	148,700*							195
200	45.9	447.7	86,600*	48.8	455.6	99,500*	55.5	470.5	134,600*	61.5	479.4	148,700*							200
205	44.3	442.5	84,300*	47.3	450.9	96,800*	54.0	466.8	131,600*	60.1	476.5	148,700*							205
210	42.6	437.0	82,100*	45.6	446.0	94,200*	52.6	462.9	128,700*	58.8	473.4	148,700*							210
215	40.8	431.2	79,900*	44.0	440.8	91,600*	51.1	458.8	125,700*	57.4	470.1	148,700*							215
220	39.0	425.0	77,900*	42.3	435.2	89,200*	49.6	454.5	122,700*	56.1	466.7	148,700*							220
225	37.1	418.4	76,100*	40.5	429.3	86,900*	48.0	450.0	119,700*	54.6	463.1	148,700*							225
230	35.1	411.2	74,300*	38.7	423.0	84,700*	46.5	445.2	116,700*	53.2	459.3	148,300*							230
235	33.0	403.5	72,800*	36.7	416.3	82,600*	44.8	440.1	113,800*	51.7	455.3	145,900*	57.9	464.0	139,500*				235
240	30.8	395.1	71,400*	34.7	409.0	80,700*	43.1	434.7	110,900*	50.2	451.1	143,400*	56.5	460.6	135,500*				240
245	28.4	385.9	70,100*	32.6	401.2	78,900*	41.4	429.0	108,100*	48.7	446.7	140,800*	55.1	457.1	131,700*				245
250	25.7	375.6	69,100*	30.3	392.7	77,300*	39.6	422.9	105,300*	47.1	442.0	138,200*	53.7	453.4	128,000*				250
255	22.8	363.9	68,400*	27.9	383.3	75,900*	37.7	416.4	102,700*	45.5	437.0	135,400*	52.2	449.4	124,500*				255
260	19.5	350.2	68,100*	25.2	372.8	74,700*	35.7	409.4	100,100*	43.9	431.7	132,400*	50.7	445.3	121,100*				260
270	9.6	308.4	68,700*	18.8	346.6	73,200*	31.5	393.7	95,400*	40.4	420.2	126,300*	47.6	436.3	114,700*				270
280				8.0	300.8	68,400*	26.6	374.9	91,400*	36.6	407.2	118,800*	44.4	426.3	108,700*	51.0	437.0	93,000*	280
290							20.6	350.7	88,300*	32.4	392.0	111,400*	40.9	415.0	103,100*	47.9	428.1	87,200*	290
300							11.8	313.5	80,100*	27.7	373.9	104,400*	37.2	402.2	97,900*	44.7	418.1	81,800*	300
310										22.0	351.2	97,700*	33.1	387.4	92,900*	41.2	407.0	76,800*	310
320										14.1	318.4	89,400*	28.5	369.8	88,300*	37.5	394.3	72,000*	320
330													23.0	348.0	83,800*	33.5	379.7	67,400*	330
340													15.6	317.6	79,500*	28.9	362.5	63,100*	340
350																23.5	341.1	59,000*	350
360																16.4	311.8	54,900*	360

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	74.4	530.1	129,500*																100
105	73.3	528.6	127,600*																105
110	72.2	526.9	125,400*																110
115	71.0	525.2	123,300*																115
120	69.9	523.3	121,000*	72.0	525.8	131,600*													120
125	68.8	521.3	118,600*	70.8	524.0	129,800*													125
130	67.6	519.2	116,200*	69.7	522.2	127,800*													130
135	66.5	517.0	113,700*	68.5	520.1	125,600*													135
140	65.3	514.6	111,100*	67.4	518.0	123,500*													140
145	64.1	512.2	108,600*	66.2	515.8	121,200*													145
150	62.9	509.5	106,000*	65.1	513.4	118,800*													150
155	61.7	506.8	103,400*	63.9	510.9	116,300*													155
160	60.5	503.9	100,800*	62.7	508.3	113,800*	68.0	515.8	135,200*										160
165	59.2	500.9	98,200*	61.5	505.5	111,300*	66.8	513.6	135,200*										165
170	58.0	497.7	95,700*	60.2	502.6	108,700*	65.6	511.3	135,200*										170
175	56.7	494.4	93,200*	59.0	499.5	106,200*	64.5	508.8	134,000*										175
180	55.4	490.9	90,700*	57.7	496.3	103,600*	63.3	506.3	132,400*										180
185	54.1	487.2	88,200*	56.5	493.0	101,000*	62.1	503.6	130,500*										185
190	52.7	483.4	85,900*	55.2	489.4	98,500*	60.8	500.7	128,600*										190
195	51.4	479.3	83,500*	53.8	485.7	96,000*	59.6	497.8	126,500*										195
200	50.0	475.1	81,300*	52.5	481.9	93,500*	58.4	494.6	124,300*										200
205	48.6	470.6	79,100*	51.1	477.8	91,100*	57.1	491.4	122,000*	62.6	499.5	130,100*							205
210	47.1	465.9	77,000*	49.7	473.5	88,700*	55.8	487.9	119,700*	61.4	496.7	130,100*							210
215	45.6	461.0	75,000*	48.3	469.0	86,400*	54.5	484.3	117,400*	60.1	493.8	130,100*							215
220	44.1	455.8	73,000*	46.8	464.2	84,100*	53.2	480.5	114,900*	58.9	490.7	130,100*							220
225	42.5	450.3	71,100*	45.3	459.2	81,900*	51.8	476.5	112,400*	57.6	487.5	130,100*							225
230	40.9	444.5	69,400*	43.8	454.0	79,800*	50.4	472.3	109,900*	56.4	484.1	130,100*							230
235	39.2	438.3	67,700*	42.2	448.4	77,800*	49.0	467.9	107,500*	55.1	480.6	130,100*							235
240	37.4	431.7	66,100*	40.6	442.6	75,800*	47.6	463.3	105,000*	53.7	476.9	130,100*							240
245	35.6	424.7	64,700*	38.9	436.3	74,000*	46.1	458.5	102,500*	52.4	473.0	129,700*							245
250	33.7	417.2	63,300*	37.1	429.7	72,300*	44.6	453.3	100,000*	51.0	468.9	126,200*	56.8	478.0	123,600*				250
255	31.7	409.1	62,100*	35.3	422.6	70,600*	43.0	447.9	97,700*	49.6	464.5	122,600*	55.5	474.5	121,600*				255
260	29.5	400.3	61,000*	33.3	415.0	69,100*	41.4	442.2	95,300*	48.2	460.0	118,800*	54.1	470.9	118,300*				260
270	24.7	379.9	59,400*	29.1	397.8	66,400*	38.0	429.7	90,800*	45.2	450.3	111,500*	51.4	463.0	111,900*				270
280	18.7	353.4	58,700*	24.2	377.0	64,500*	34.3	415.5	86,600*	42.1	439.4	104,400*	48.6	454.3	106,000*				280
290	9.2	309.9	55,400*	18.0	349.6	63,500*	30.2	399.0	81,700*	38.7	427.2	97,500*	45.7	444.7	100,400*	51.7	454.7	83,400*	290
300				7.7	301.9	55,300*	25.5	379.3	75,700*	35.1	413.4	90,700*	42.6	434.0	95,200*	48.9	446.1	78,100*	300
310							19.8	354.0	70,100*	31.1	397.5	84,200*	39.3	422.1	90,300*	46.0	436.5	73,000*	310
320							11.3	315.4	64,900*	26.6	378.5	78,100*	35.7	408.5	85,700*	42.9	426.0	68,300*	320
330										21.1	354.8	72,300*	31.8	393.0	81,400*	39.6	414.1	63,900*	330
340										13.6	320.6	67,000*	27.3	374.6	76,800*	36.0	400.7	59,700*	340
350													22.1	351.8	72,300*	32.1	385.4	55,700*	350
360													15.0	320.1	67,900*	27.8	367.3	51,800*	360
370																22.6	345.0	48,100*	370
380																15.8	314.5	44,500*	380

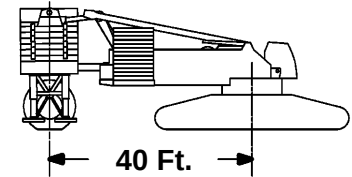


Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

18000 With 21000 MAX-ER



260 Ft. Boom, 290 Ft. Luffing Jib

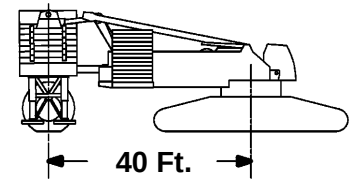
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105	74.5	549.5	114,000*																105
110	73.4	548.0	112,400*																110
115	72.4	546.3	110,700*																115
120	71.4	544.6	108,800*																120
125	70.3	542.8	106,900*	72.2	545.2	116,100*													125
130	69.2	540.8	105,000*	71.2	543.5	114,700*													130
135	68.2	538.8	103,000*	70.1	541.7	113,100*													135
140	67.1	536.7	101,000*	69.0	539.7	111,300*													140
145	66.0	534.4	98,900*	68.0	537.6	109,500*													145
150	64.9	532.0	96,700*	66.9	535.5	107,600*													150
155	63.8	529.5	94,600*	65.8	533.2	105,700*													155
160	62.7	526.9	92,400*	64.7	530.8	103,700*													160
165	61.6	524.1	90,300*	63.6	528.2	101,600*													165
170	60.4	521.2	88,100*	62.5	525.6	99,600*	67.4	533.2	118,400*										170
175	59.3	518.2	85,900*	61.4	522.8	97,500*	66.4	531.0	118,400*										175
180	58.1	515.1	83,800*	60.2	519.9	95,400*	65.3	528.7	118,400*										180
185	56.9	511.8	81,700*	59.1	516.9	93,300*	64.2	526.2	117,600*										185
190	55.7	508.3	79,600*	57.9	513.7	91,100*	63.0	523.6	116,200*										190
195	54.5	504.7	77,600*	56.7	510.4	89,000*	61.9	520.9	114,700*										195
200	53.3	500.9	75,500*	55.5	506.9	86,800*	60.8	518.1	113,100*										200
205	52.0	497.0	73,600*	54.3	503.2	84,700*	59.6	515.1	111,400*										205
210	50.7	492.9	71,700*	53.0	499.4	82,600*	58.5	512.0	109,700*										210
215	49.4	488.5	69,800*	51.8	495.4	80,600*	57.3	508.7	107,900*	62.4	516.8	113,100*							215
220	48.1	484.0	68,000*	50.5	491.3	78,600*	56.1	505.3	106,000*	61.3	514.0	113,100*							220
225	46.7	479.2	66,200*	49.2	486.9	76,600*	54.9	501.7	104,000*	60.1	511.1	113,100*							225
230	45.3	474.2	64,500*	47.8	482.3	74,700*	53.7	498.0	102,000*	59.0	508.0	113,100*							230
235	43.9	469.0	62,900*	46.5	477.5	72,800*	52.4	494.1	100,000*	57.8	504.8	113,100*							235
240	42.4	463.5	61,400*	45.1	472.5	71,000*	51.1	490.1	97,900*	56.6	501.5	113,100*							240
245	40.9	457.7	59,900*	43.6	467.2	69,200*	49.8	485.8	95,900*	55.4	498.0	113,100*							245
250	39.4	451.6	58,500*	42.2	461.7	67,500*	48.5	481.3	93,800*	54.2	494.4	109,900*							250
255	37.7	445.1	57,200*	40.6	455.8	65,900*	47.2	476.6	90,300*	52.9	490.5	106,500*							255
260	36.1	438.2	55,900*	39.1	449.6	64,400*	45.8	471.7	87,100*	51.7	486.5	103,100*	57.0	495.4	106,300*				260
270	32.5	423.0	53,700*	35.7	436.1	61,500*	42.9	461.1	80,400*	49.1	478.0	96,100*	54.6	488.4	106,300*				270
280	28.4	405.3	51,900*	32.1	420.6	58,900*	39.8	449.4	73,900*	46.4	468.6	89,400*	52.1	480.6	102,200*				280
290	23.8	384.0	48,400*	28.0	402.7	53,500*	36.6	436.3	67,700*	43.5	458.2	82,700*	49.5	472.2	96,700*				290
300	18.0	356.5	43,600*	23.3	381.0	48,300*	33.0	421.4	61,700*	40.5	446.7	76,100*	46.8	462.9	90,500*	52.3	472.3	72,900*	300
310	8.9	311.3	39,400*	17.4	352.6	43,600*	29.1	404.1	56,100*	37.3	433.9	69,800*	44.0	452.7	84,000*	49.7	463.9	68,000*	310
320				7.4	303.0	39,400*	24.6	383.5	50,700*	33.8	419.4	63,800*	41.0	441.5	77,400*	47.0	454.7	63,400*	320
330							19.0	357.3	45,700*	30.0	402.7	58,000*	37.8	428.9	71,200*	44.2	444.6	59,000*	330
340							10.8	317.1	41,200*	25.6	383.0	52,600*	34.4	414.7	65,200*	41.3	433.5	54,900*	340
350										20.3	358.2	47,500*	30.6	398.4	59,500*	38.1	421.0	51,000*	350
360										13.0	322.7	42,800*	26.3	379.2	54,000*	34.7	406.9	47,200*	360
370													21.2	355.4	48,800*	31.0	390.9	43,700*	370
380													14.4	322.5	44,100*	26.7	372.0	40,300*	380
390																21.7	348.7	37,000*	390
400																15.2	317.0	33,700*	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
860,000 Lb. Wheeled Counterweight
at 40 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

**18000 With
21000 MAX-ER**



260 Ft. Boom, 310 Ft. Luffing Jib

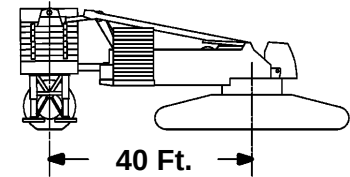
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
110	74.5	568.9	99,600*																110
115	73.6	567.4	98,300*																115
120	72.6	565.8	97,000*																120
125	71.6	564.1	95,500*																125
130	70.6	562.3	94,000*	72.4	564.7	101,600*													130
135	69.7	560.4	92,500*	71.4	563.0	100,400*													135
140	68.7	558.4	90,900*	70.5	561.1	99,200*													140
145	67.7	556.3	89,300*	69.5	559.2	97,800*													145
150	66.7	554.1	87,600*	68.5	557.2	96,400*													150
155	65.6	551.8	85,900*	67.5	555.1	95,000*													155
160	64.6	549.4	84,200*	66.5	552.9	93,500*													160
165	63.6	546.8	82,400*	65.4	550.6	92,000*													165
170	62.5	544.2	80,700*	64.4	548.1	90,400*													170
175	61.5	541.4	78,900*	63.4	545.6	88,700*	68.0	552.8	101,000*										175
180	60.4	538.6	77,100*	62.3	542.9	87,100*	67.0	550.7	101,000*										180
185	59.3	535.5	75,300*	61.3	540.1	85,400*	66.0	548.4	101,000*										185
190	58.2	532.4	73,600*	60.2	537.2	83,600*	64.9	546.0	101,000*										190
195	57.1	529.1	71,800*	59.1	534.2	81,900*	63.9	543.5	101,000*										195
200	56.0	525.7	70,100*	58.0	531.0	80,100*	62.9	540.9	101,000*										200
205	54.9	522.2	68,400*	56.9	527.7	78,400*	61.8	538.2	100,100*										205
210	53.7	518.5	66,700*	55.8	524.3	76,700*	60.7	535.4	98,900*										210
215	52.6	514.6	65,000*	54.7	520.7	74,900*	59.7	532.4	96,000*										215
220	51.4	510.5	63,400*	53.5	517.0	73,200*	58.6	529.3	92,800*										220
225	50.2	506.3	61,800*	52.3	513.1	71,500*	57.5	526.1	89,700*	62.2	534.1	96,000*							225
230	48.9	501.9	60,300*	51.1	509.0	69,800*	56.4	522.7	86,500*	61.2	531.3	96,000*							230
235	47.7	497.3	58,800*	49.9	504.7	68,200*	55.2	519.2	83,500*	60.1	528.4	96,000*							235
240	46.4	492.5	57,300*	48.7	500.3	65,400*	54.1	515.5	80,300*	59.0	525.4	93,800*							240
245	45.1	487.5	55,900*	47.4	495.7	62,500*	52.9	511.7	77,200*	57.9	522.2	90,800*							245
250	43.7	482.2	54,000*	46.2	490.8	59,600*	51.7	507.7	74,100*	56.8	518.9	87,800*							250
255	42.4	476.7	51,400*	44.8	485.8	56,900*	50.5	503.6	71,100*	55.7	515.4	84,800*							255
260	41.0	470.9	48,800*	43.5	480.5	54,100*	49.3	499.2	68,100*	54.6	511.8	81,700*							260
270	38.0	458.4	43,800*	40.7	469.0	48,900*	46.8	490.0	62,200*	52.2	504.2	75,800*	57.2	512.8	87,100*				270
280	34.8	444.4	39,000*	37.7	456.4	43,800*	44.2	479.8	56,500*	49.8	495.8	69,800*	54.9	505.8	81,700*				280
290	31.3	428.5	34,300*	34.5	442.2	38,900*	41.4	468.7	51,100*	47.3	486.7	63,900*	52.6	498.2	76,100*				290
300	27.5	410.1	29,900*	31.0	426.1	34,300*	38.5	456.3	45,900*	44.7	476.8	58,200*	50.2	490.0	70,400*				300
310	23.0	388.0	25,700*	27.1	407.4	29,700*	35.3	442.6	40,900*	42.0	465.9	52,700*	47.7	481.0	64,800*	52.8	489.9	64,100*	310
320	17.4	359.4	21,800*	22.5	384.9	25,600*	31.9	427.0	36,000*	39.1	453.8	47,400*	45.2	471.2	59,200*	50.4	481.7	59,500*	320
330	8.5	312.6	18,300*	16.8	355.4	21,700*	28.1	409.0	31,400*	36.0	440.4	42,400*	42.4	460.5	53,800*	48.0	472.8	55,200*	330
340				7.1	304.1	18,200*	23.7	387.6	27,200*	32.7	425.2	37,400*	39.6	448.6	48,500*	45.4	463.1	51,100*	340
350							18.4	360.4	23,100*	28.9	407.8	32,800*	36.5	435.4	43,400*	42.7	452.4	47,300*	350
360							10.5	318.8	19,500*	24.7	387.3	28,500*	33.2	420.5	38,500*	39.8	440.6	43,600*	360
370										19.6	361.6	24,400*	29.6	403.6	33,900*	36.8	427.6	40,200*	370
380										12.6	324.8	20,600*	25.4	383.6	29,500*	33.5	412.9	36,800*	380
390													20.5	359.0	25,400*	29.9	396.1	33,700*	390
400													13.9	324.8	21,500*	25.8	376.5	30,000*	400
410																21.0	352.3	25,900*	410
420																14.6	319.4	22,100*	420

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 860,000 Lb. Wheeled Counterweight
 at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
55	72.8	375.9	356,800*d																55
60	69.4	373.9	352,500*c																60
65	65.8	371.5	341,700*b	72.6	375.0	362,500*c													65
70	62.2	368.7	330,200*b	69.2	372.9	359,700*c													70
75	58.4	365.5	318,300*b	65.7	370.5	352,900*b													75
80	54.5	361.8	306,700*	62.0	367.7	341,700*b													80
85	50.3	357.5	295,300*	58.2	364.5	330,100*b													85
90	45.8	352.5	284,500*	54.3	360.8	318,300*													90
95	40.8	346.6	274,700*	50.1	356.4	306,800*													95
100	35.3	339.4	266,300*	45.5	351.4	295,700*	65.1	366.6	367,200*b										100
105	28.7	330.4	260,100*	40.6	345.4	285,500*	61.4	363.7	364,000*b										105
110	20.0	317.5	257,800*	35.0	338.2	276,500*	57.6	360.4	355,500*b										110
115				28.4	329.1	269,600*	53.6	356.6	344,400*										115
120				19.4	315.9	266,500*	49.4	352.1	333,100*										120
125							44.8	347.0	321,700*										125
130							39.8	340.9	311,100*	60.6	357.3	338,800*b							130
135							34.1	333.4	301,200*	56.7	353.9	325,000*b							135
140							27.2	323.8	292,900*	52.6	350.0	312,200*							140
145							17.6	309.6	287,900*	48.3	345.4	300,300*							145
150										43.7	340.0	289,000*							150
155										38.5	333.6	278,400*							155
160										32.6	325.7	268,400*	55.3	344.9	250,500*b				160
165										25.3	315.4	258,800*	51.2	340.7	241,800*				165
170										14.2	298.7	249,500*	46.7	335.9	233,500*				170
175													41.9	330.2	225,700*				175
180													36.5	323.3	218,300*				180
185													30.2	314.8	211,200*				185
190													22.1	303.0	204,200*	49.0	328.7	190,000*	190
195																44.4	323.4	184,100*	195
200																39.3	317.2	178,500*	200
205																33.5	309.6	173,000*	205
210																26.5	299.7	167,700*	210
215																16.3	284.6	162,400*	215

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

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

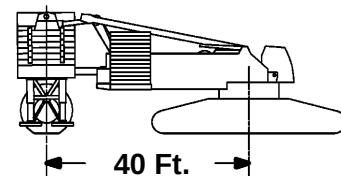
Capacities indicated by **(d)** require
 56,000 Lb. minimum weight suspended
 beneath luffing jib point.

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
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	73.3	395.3	317,100*c																60
65	70.5	393.4	308,800*b																65
70	67.7	391.3	299,800*b																70
75	64.8	388.8	290,200*b	70.4	392.5	319,300*b													75
80	61.8	386.0	280,300*b	67.5	390.3	310,900*b													80
85	58.7	382.9	270,500*	64.6	387.9	301,800*b													85
90	55.5	379.3	260,600*	61.6	385.0	292,100*b													90
95	52.2	375.3	251,000*	58.6	381.9	282,400*													95
100	48.7	370.8	241,800*	55.4	378.3	272,500*													100
105	45.0	365.7	233,100*	52.0	374.3	262,700*	67.1	386.4	328,200*b										105
110	40.9	359.8	225,200*	48.5	369.7	253,200*	64.2	383.9	325,600*b										110
115	36.5	353.0	218,200*	44.8	364.6	244,200*	61.2	381.0	317,500*										115
120	31.6	344.9	212,500*	40.7	358.7	235,900*	58.1	377.8	308,600*										120
125	25.7	334.6	208,600*	36.3	351.8	228,400*	54.9	374.2	299,300*										125
130	17.7	320.3	207,900*	31.3	343.6	222,100*	51.5	370.1	289,700*										130
135				25.3	333.2	217,500*	47.9	365.4	280,300*										135
140				17.3	318.6	216,100*	44.2	360.2	270,900*	60.5	374.6	310,000*							140
145							40.1	354.1	261,900*	57.3	371.3	298,200*							145
150							35.6	347.1	253,500*	54.1	367.6	287,100*							150
155							30.5	338.6	246,000*	50.7	363.4	276,700*							155
160							24.3	327.8	240,000*	47.1	358.6	267,000*							160
165							15.6	311.9	236,800*	43.2	353.2	257,700*							165
170										39.1	346.9	249,000*	56.2	362.4	231,300*				170
175										34.4	339.6	240,700*	52.9	358.5	223,600*				175
180										29.1	330.7	232,800*	49.4	354.1	216,400*				180
185										22.6	319.1	225,200*	45.8	349.1	209,500*				185
190										12.5	300.4	217,700*	41.8	343.4	203,000*				190
195													37.5	336.8	196,700*				195
200													32.7	329.0	190,700*	51.2	346.6	176,300*	200
205													27.0	319.3	184,900*	47.6	341.9	171,000*	205
210													19.7	306.1	179,200*	43.8	336.6	166,000*	210
215																39.7	330.5	161,200*	215
220																35.1	323.3	156,500*	220
225																29.9	314.7	152,000*	225
230																23.6	303.6	147,600*	230
235																14.5	286.7	143,100*	235

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

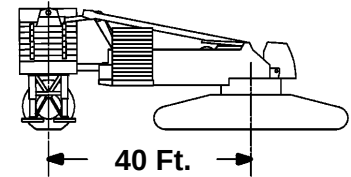
Capacities indicated by **(c)** require
37,000 Lb. minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 860,000 Lb. Wheeled Counterweight
 at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
65	73.6	414.7	277,400* b																65
70	71.3	413.0	270,600* b																70
75	68.9	410.9	263,300* b																75
80	66.5	408.7	255,500* b	71.2	412.0	280,600* b													80
85	64.0	406.1	247,500*	68.8	410.0	273,900* b													85
90	61.5	403.3	239,300*	66.4	407.7	266,500* b													90
95	58.9	400.2	231,000*	63.9	405.2	258,700*													95
100	56.2	396.8	222,900*	61.4	402.4	250,800*													100
105	53.5	393.0	214,900*	58.8	399.2	242,600*													105
110	50.6	388.7	207,200*	56.1	395.8	234,400*													110
115	47.6	384.1	199,900*	53.3	391.9	226,300*	66.0	403.8	288,300*										115
120	44.4	378.9	193,000*	50.5	387.7	218,400*	63.5	401.2	282,600*										120
125	41.0	373.0	186,700*	47.4	383.0	210,800*	61.0	398.3	275,800*										125
130	37.4	366.4	181,000*	44.3	377.8	203,600*	58.4	395.2	268,500*										130
135	33.4	358.8	176,000*	40.9	371.9	196,800*	55.7	391.6	260,800*										135
140	28.8	349.8	172,100*	37.2	365.3	190,700*	52.9	387.8	253,000*										140
145	23.4	338.5	169,700*	33.1	357.6	185,200*	50.0	383.5	245,100*	62.9	394.9	286,000*							145
150	16.1	322.8	169,900*	28.6	348.5	180,800*	47.0	378.7	237,200*	60.4	392.0	283,200*							150
155				23.1	337.1	177,800*	43.7	373.4	229,500*	57.8	388.7	272,900*							155
160				15.7	321.0	177,400*	40.3	367.4	222,100*	55.0	385.1	263,300*							160
165							36.6	360.6	215,100*	52.2	381.1	254,200*							165
170							32.5	352.7	208,700*	49.3	376.7	245,600*							170
175							27.8	343.3	203,100*	46.2	371.9	237,500*							175
180							22.1	331.4	198,700*	42.9	366.4	229,800*	56.8	379.8	212,400*				180
185							14.1	314.0	196,700*	39.5	360.2	222,500*	54.1	376.1	205,600*				185
190										35.7	353.2	215,500*	51.2	371.9	199,200*				190
195										31.4	345.0	208,900*	48.2	367.4	193,100*				195
200										26.6	335.1	202,500*	45.1	362.3	187,200*				200
205										20.5	322.4	196,300*	41.7	356.6	181,700*				205
210										11.3	302.0	190,100*	38.2	350.2	176,300*	52.6	364.3	161,900*	210
215													34.2	342.8	171,200*	49.7	360.0	157,200*	215
220													29.8	334.1	166,300*	46.7	355.2	152,700*	220
225													24.6	323.4	161,500*	43.4	349.8	148,400*	225
230													17.9	309.0	156,800*	40.0	343.8	144,200*	230
235																36.2	336.9	140,200*	235
240																32.1	328.9	136,300*	240
245																27.3	319.3	132,600*	245
250																21.5	307.1	128,900*	250
255																13.1	288.7	125,100*	255

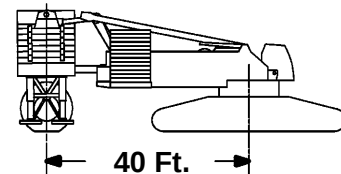
Capacities indicated by (b) require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

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
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	73.9	434.1	244,600*																70
75	71.9	432.4	239,000*																75
80	69.8	430.5	232,900*																80
85	67.8	428.4	226,500*	71.8	431.5	248,500*													85
90	65.6	426.0	219,900*	69.7	429.6	243,000*													90
95	63.5	423.5	213,100*	67.7	427.4	237,000*													95
100	61.3	420.6	206,200*	65.5	425.1	230,600*													100
105	59.1	417.5	199,400*	63.4	422.5	224,100*													105
110	56.8	414.2	192,600*	61.2	419.7	217,400*													110
115	54.4	410.5	186,000*	59.0	416.6	210,500*													115
120	52.0	406.5	179,600*	56.7	413.2	203,700*	67.3	423.5	256,800*										120
125	49.4	402.1	173,400*	54.3	409.5	197,000*	65.2	421.1	252,900*										125
130	46.8	397.4	167,600*	51.8	405.5	190,400*	63.1	418.5	247,700*										130
135	44.0	392.1	162,100*	49.3	401.1	183,900*	60.9	415.6	241,900*										135
140	41.1	386.3	157,000*	46.6	396.3	177,800*	58.6	412.5	235,800*										140
145	38.0	379.8	152,300*	43.9	391.0	172,000*	56.3	409.1	229,400*										145
150	34.6	372.5	148,200*	40.9	385.2	166,500*	53.9	405.4	223,000*										150
155	30.9	364.1	144,700*	37.8	378.7	161,400*	51.4	401.3	216,400*	62.5	412.2	254,100*							155
160	26.6	354.3	142,000*	34.4	371.3	156,900*	48.9	396.8	209,700*	60.3	409.3	254,000*							160
165	21.6	342.1	140,500*	30.7	362.9	152,900*	46.2	392.0	203,200*	58.1	406.1	251,600*							165
170	14.8	325.1	141,200*	26.4	353.0	149,800*	43.4	386.6	196,800*	55.7	402.6	243,100*							170
175				21.3	340.6	147,800*	40.5	380.6	190,700*	53.3	398.8	235,100*							175
180				14.4	323.2	148,000*	37.3	374.0	184,900*	50.9	394.6	227,500*							180
185							33.9	366.5	179,400*	48.3	390.1	220,300*							185
190							30.0	357.9	174,500*	45.6	385.1	213,400*	57.2	397.2	196,500*				190
195							25.7	347.7	170,300*	42.7	379.6	206,900*	54.9	393.6	190,400*				195
200							20.4	334.8	167,100*	39.7	373.5	200,700*	52.5	389.6	184,700*				200
205							13.0	316.0	165,900*	36.5	366.7	194,700*	50.0	385.4	179,200*				205
210										33.0	359.0	189,000*	47.3	380.7	173,900*				210
215										29.1	350.0	183,600*	44.6	375.5	168,900*				215
220										24.6	339.3	178,300*	41.7	369.8	164,100*				220
225										18.9	325.5	173,100*	38.6	363.5	159,500*	51.2	377.8	145,700*	225
230										10.3	303.5	168,000*	35.3	356.4	155,100*	48.6	373.4	141,600*	230
235													31.7	348.3	150,800*	46.0	368.4	137,700*	235
240													27.6	338.8	146,600*	43.2	363.0	134,000*	240
245													22.7	327.2	142,600*	40.2	357.0	130,300*	245
250													16.5	311.6	138,600*	37.0	350.3	126,800*	250
255																33.5	342.7	123,400*	255
260																29.7	334.0	120,100*	260
270																19.9	310.4	113,700*	270

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

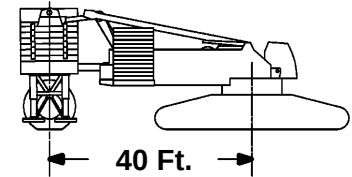


Liftcrane Luffing Jib Capacities

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
 860,000 Lb. Wheeled Counterweight
 at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
75	74.1	453.5	215,600* ^b																75
80	72.3	451.9	210,900* ^b																80
85	70.5	450.0	205,900*																85
90	68.7	448.0	200,600*	72.2	450.9	219,700* ^b													90
95	66.9	445.8	195,200*	70.4	449.1	215,300*													95
100	65.0	443.4	189,600*	68.6	447.1	210,400*													100
105	63.1	440.8	183,800*	66.8	444.9	205,200*													105
110	61.2	437.9	178,100*	64.9	442.4	199,900*													110
115	59.2	434.9	172,400*	63.0	439.8	194,400*													115
120	57.2	431.6	166,800*	61.1	437.0	188,700*													120
125	55.1	428.0	161,300*	59.1	433.9	183,100*													125
130	53.0	424.2	156,000*	57.1	430.6	177,400*	66.5	440.9	225,600*										130
135	50.8	420.0	150,800*	55.0	427.0	171,800*	64.6	438.5	221,600*										135
140	48.5	415.5	145,900*	52.9	423.1	166,200*	62.7	435.8	217,200*										140
145	46.2	410.6	141,200*	50.7	419.0	160,900*	60.8	433.0	212,300*										145
150	43.7	405.3	136,800*	48.4	414.5	155,700*	58.8	429.9	207,200*										150
155	41.1	399.5	132,700*	46.0	409.5	150,700*	56.7	426.5	202,100*										155
160	38.4	393.1	128,900*	43.6	404.2	146,000*	54.7	422.9	196,600*										160
165	35.5	386.1	125,400*	41.0	398.4	141,500*	52.5	419.0	191,100*	62.2	429.5	224,500*							165
170	32.3	378.2	122,400*	38.3	392.0	137,400*	50.3	414.7	185,600*	60.3	426.6	224,500*							170
175	28.8	369.1	119,900*	35.3	384.9	133,600*	48.0	410.2	180,100*	58.3	423.4	224,500*							175
180	24.9	358.5	118,100*	32.2	376.9	130,200*	45.7	405.2	174,700*	56.3	420.0	220,900*							180
185	20.2	345.4	117,200*	28.7	367.8	127,300*	43.2	399.8	169,500*	54.2	416.3	216,500*							185
190	13.8	327.2	118,200*	24.7	357.1	125,100*	40.6	393.9	164,400*	52.0	412.4	209,800*							190
195				19.9	343.9	123,900*	37.8	387.4	159,500*	49.8	408.0	203,300*							195
200				13.4	325.3	124,300*	34.9	380.2	155,000*	47.5	403.4	197,200*	57.6	414.6	180,600*				200
205							31.6	372.1	150,700*	45.1	398.3	191,300*	55.5	411.0	175,100*				205
210							28.1	362.7	147,000*	42.6	392.8	185,700*	53.4	407.3	170,000*				210
215							24.0	351.7	143,800*	39.9	386.8	180,400*	51.2	403.2	165,000*				215
220							19.1	337.9	141,500*	37.1	380.1	175,300*	49.0	398.7	160,300*				220
225							12.1	317.8	140,800*	34.1	372.7	170,300*	46.7	394.0	155,800*				225
230										30.8	364.3	165,600*	44.2	388.7	151,400*				230
235										27.2	354.7	161,000*	41.7	383.0	147,300*	52.3	395.5	133,600*	235
240										22.9	343.1	156,600*	39.0	376.8	143,200*	50.1	391.3	129,900*	240
245										17.7	328.4	152,300*	36.1	369.9	139,400*	47.8	386.7	126,400*	245
250										9.6	304.9	147,900*	33.0	362.2	135,600*	45.4	381.7	122,900*	250
255													29.6	353.4	132,000*	42.9	376.2	119,700*	255
260													25.8	343.2	128,500*	40.3	370.3	116,500*	260
270													15.4	314.0	121,600*	34.6	356.4	110,400*	270
280																27.7	338.8	104,700*	280
290																18.5	313.4	99,200*	290

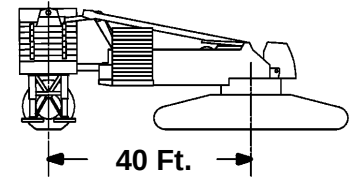
Capacities indicated by (b) require
 21,000 Lb. minimum weight suspended
 beneath luffing jib point.

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
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	74.2	472.9	190,500*																80
85	72.7	471.3	186,700*																85
90	71.1	469.5	182,700*																90
95	69.4	467.6	178,300*	72.6	470.4	194,700*													95
100	67.8	465.5	174,000*	71.0	468.6	191,200*													100
105	66.1	463.2	169,400*	69.4	466.6	187,300*													105
110	64.5	460.7	164,700*	67.7	464.5	183,200*													110
115	62.8	458.1	160,000*	66.1	462.2	178,900*													115
120	61.0	455.2	155,300*	64.4	459.8	174,500*													120
125	59.3	452.2	150,600*	62.7	457.1	169,900*													125
130	57.5	449.0	145,900*	60.9	454.3	165,200*													130
135	55.6	445.5	141,300*	59.2	451.2	160,500*	67.5	460.6	200,000*										135
140	53.7	441.7	136,900*	57.4	448.0	155,800*	65.8	458.3	198,100*										140
145	51.8	437.7	132,600*	55.5	444.5	151,100*	64.1	455.8	194,800*										145
150	49.8	433.4	128,400*	53.7	440.7	146,500*	62.4	453.1	191,200*										150
155	47.8	428.8	124,400*	51.7	436.7	142,000*	60.7	450.3	187,200*										155
160	45.7	423.9	120,600*	49.7	432.4	137,700*	58.9	447.2	183,100*										160
165	43.5	418.5	117,000*	47.7	427.8	133,400*	57.1	443.9	178,800*										165
170	41.1	412.7	113,600*	45.6	422.8	129,400*	55.3	440.4	174,400*										170
175	38.7	406.5	110,500*	43.3	417.4	125,500*	53.4	436.6	169,900*	62.0	446.8	197,700*							175
180	36.2	399.6	107,600*	41.0	411.6	121,800*	51.4	432.5	165,300*	60.3	443.9	197,700*							180
185	33.4	392.0	105,000*	38.6	405.3	118,400*	49.4	428.1	160,800*	58.5	440.8	197,700*							185
190	30.4	383.5	102,800*	36.0	398.4	115,200*	47.4	423.5	156,200*	56.7	437.4	196,300*							190
195	27.2	373.8	101,000*	33.3	390.8	112,300*	45.2	418.5	151,800*	54.8	433.8	192,800*							195
200	23.4	362.5	99,800*	30.3	382.2	109,800*	43.0	413.0	147,400*	52.9	430.0	189,100*							200
205	19.0	348.6	99,400*	27.0	372.5	107,700*	40.7	407.1	143,200*	51.0	425.9	185,200*							205
210	13.0	329.3	100,400*	23.2	361.1	106,100*	38.2	400.7	139,200*	48.9	421.4	181,000*	57.8	431.9	167,100*				210
215				18.7	347.0	105,300*	35.6	393.7	135,300*	46.9	416.7	176,900*	56.0	428.5	162,200*				215
220				12.6	327.3	106,000*	32.8	386.0	131,700*	44.7	411.6	172,500*	54.1	424.8	157,500*				220
225							29.8	377.2	128,500*	42.5	406.0	168,000*	52.2	420.9	153,000*				225
230							26.5	367.3	125,500*	40.1	400.0	163,400*	50.2	416.6	148,700*				230
235							22.6	355.6	123,100*	37.6	393.5	158,900*	48.2	412.1	144,600*				235
240							17.9	340.9	121,400*	35.0	386.3	154,600*	46.1	407.2	140,700*				240
245							11.3	319.5	121,100*	32.1	378.4	150,400*	43.9	402.0	136,900*				245
250										29.1	369.4	146,400*	41.6	396.3	133,200*	51.2	409.1	120,100*	250
255										25.6	359.1	142,600*	39.2	390.1	129,600*	49.2	404.7	116,900*	255
260										21.6	346.8	138,800*	36.7	383.4	126,200*	47.2	400.0	113,700*	260
270										9.0	306.1	131,300*	31.1	367.6	119,700*	42.8	389.5	107,800*	270
280													24.3	347.3	113,600*	38.0	377.1	102,200*	280
290													14.4	316.4	107,600*	32.6	362.1	97,000*	290
300																26.1	343.3	91,300*	300
310																17.4	316.3	85,800*	310

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

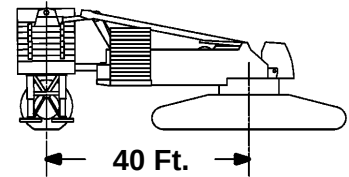


Liftcrane Luffing Jib Capacities

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
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



280 Ft. Boom, 210 Ft. Luffing Jib

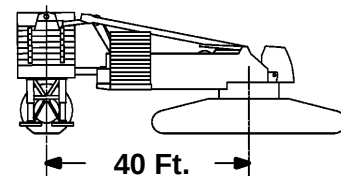
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
85	74.4	492.3	168,300*																85
90	72.9	490.7	165,100*																90
95	71.5	489.0	161,800*																95
100	70.0	487.1	158,300*	72.9	489.8	172,500*													100
105	68.6	485.1	154,700*	71.4	488.0	169,600*													105
110	67.1	482.9	150,900*	70.0	486.2	166,500*													110
115	65.6	480.6	147,000*	68.5	484.1	163,100*													115
120	64.0	478.1	143,100*	67.0	482.0	159,700*													120
125	62.5	475.4	139,100*	65.5	479.6	156,000*													125
130	60.9	472.6	135,200*	64.0	477.1	152,200*													130
135	59.3	469.5	131,200*	62.4	474.4	148,400*													135
140	57.7	466.3	127,300*	60.9	471.6	144,500*													140
145	56.1	462.9	123,500*	59.3	468.6	140,500*	66.8	478.0	176,800*										145
150	54.4	459.2	119,800*	57.6	465.3	136,600*	65.3	475.7	174,300*										150
155	52.6	455.4	116,200*	56.0	461.9	132,700*	63.7	473.2	171,500*										155
160	50.9	451.2	112,700*	54.3	458.2	128,900*	62.2	470.5	168,400*										160
165	49.1	446.8	109,300*	52.6	454.4	125,100*	60.6	467.6	165,100*										165
170	47.2	442.1	106,000*	50.8	450.2	121,400*	59.0	464.5	161,800*										170
175	45.3	437.1	102,900*	49.0	445.8	117,800*	57.4	461.3	158,200*										175
180	43.3	431.8	100,000*	47.1	441.1	114,300*	55.7	457.8	154,500*										180
185	41.2	426.0	97,200*	45.2	436.0	111,000*	54.0	454.1	150,800*	61.8	464.2	174,500*							185
190	39.0	419.8	94,600*	43.2	430.7	107,800*	52.3	450.2	147,000*	60.2	461.2	174,500*							190
195	36.7	413.0	92,200*	41.1	424.9	104,800*	50.5	446.0	143,200*	58.6	458.1	174,500*							195
200	34.3	405.6	90,100*	38.9	418.6	102,000*	48.7	441.5	139,400*	57.0	454.8	174,300*							200
205	31.7	397.5	88,100*	36.6	411.9	99,300*	46.8	436.8	135,600*	55.3	451.3	171,600*							205
210	28.9	388.5	86,500*	34.2	404.5	96,900*	44.9	431.7	131,900*	53.6	447.5	168,600*							210
215	25.8	378.2	85,200*	31.6	396.3	94,700*	42.8	426.2	128,300*	51.9	443.6	165,400*							215
220	22.2	366.3	84,400*	28.7	387.2	92,800*	40.7	420.4	124,800*	50.1	439.3	162,100*							220
225	18.0	351.6	84,300*	25.6	376.9	91,300*	38.5	414.1	121,400*	48.2	434.8	158,600*	56.4	445.9	149,000*				225
230	12.3	331.2	85,400*	22.0	364.8	90,200*	36.2	407.2	118,200*	46.4	430.0	155,100*	54.7	442.3	144,800*				230
235				17.7	349.9	89,700*	33.8	399.7	115,100*	44.4	424.8	151,500*	53.0	438.5	140,700*				235
240				11.9	329.1	90,500*	31.1	391.4	112,300*	42.4	419.2	147,900*	51.3	434.4	136,800*				240
245							28.3	382.2	109,700*	40.2	413.3	144,200*	49.4	430.1	133,000*				245
250							25.1	371.6	107,500*	38.0	406.9	140,700*	47.6	425.4	129,400*				250
255							21.4	359.2	105,700*	35.7	399.8	137,100*	45.7	420.5	125,900*				255
260							17.0	343.7	104,500*	33.2	392.2	133,700*	43.7	415.2	122,600*	52.1	426.7	109,600*	260
270										27.5	374.1	127,300*	39.5	403.4	116,200*	48.5	418.1	103,800*	270
280										20.5	350.2	122,000*	34.8	389.5	110,200*	44.7	408.2	97,800*	280
290										8.4	307.4	113,300*	29.5	372.8	104,600*	40.5	396.8	92,000*	290
300													23.0	351.2	99,300*	36.0	383.5	86,600*	300
310													13.7	318.5	94,100*	30.9	367.6	81,400*	310
320																24.8	347.5	76,500*	320
330																16.5	319.0	71,600*	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
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
90	74.5	511.7	149,200*																90
95	73.2	510.1	146,600*																95
100	71.8	508.4	143,800*																100
105	70.5	506.6	141,000*																105
110	69.2	504.6	137,900*	71.8	507.5	150,900*													110
115	67.8	502.5	134,800*	70.5	505.7	148,400*													115
120	66.5	500.3	131,600*	69.1	503.7	145,600*													120
125	65.1	497.9	128,300*	67.8	501.6	142,800*													125
130	63.7	495.4	125,000*	66.4	499.4	139,800*													130
135	62.3	492.7	121,700*	65.0	497.0	136,700*													135
140	60.8	489.9	118,300*	63.6	494.5	133,500*													140
145	59.4	486.9	115,000*	62.2	491.8	130,300*													145
150	57.9	483.7	111,800*	60.8	488.9	127,000*	67.6	497.7	157,500*										150
155	56.4	480.3	108,600*	59.3	485.9	123,700*	66.2	495.5	156,100*										155
160	54.9	476.7	105,400*	57.8	482.7	120,400*	64.8	493.0	154,000*										160
165	53.3	472.9	102,400*	56.3	479.3	117,200*	63.4	490.5	151,600*										165
170	51.7	468.9	99,400*	54.8	475.7	113,900*	62.0	487.8	149,000*										170
175	50.1	464.7	96,500*	53.2	471.9	110,700*	60.6	484.9	146,300*										175
180	48.4	460.2	93,700*	51.7	467.9	107,600*	59.1	481.9	143,500*										180
185	46.7	455.4	91,100*	50.0	463.7	104,600*	57.6	478.6	140,600*										185
190	44.9	450.4	88,500*	48.3	459.2	101,600*	56.1	475.2	137,500*										190
195	43.1	445.0	86,100*	46.6	454.4	98,800*	54.6	471.6	134,400*	61.7	481.5	154,300*							195
200	41.2	439.2	83,800*	44.8	449.3	96,000*	53.0	467.8	131,200*	60.2	478.6	154,300*							200
205	39.2	433.0	81,600*	43.0	443.9	93,400*	51.4	463.7	128,000*	58.7	475.5	154,300*							205
210	37.1	426.4	79,600*	41.1	438.1	90,900*	49.8	459.4	124,800*	57.3	472.2	154,300*							210
215	35.0	419.2	77,800*	39.1	431.9	88,500*	48.1	454.9	121,700*	55.7	468.7	153,100*							215
220	32.7	411.4	76,200*	37.0	425.2	86,300*	46.3	450.1	118,500*	54.2	465.1	150,800*							220
225	30.2	402.8	74,700*	34.9	418.0	84,200*	44.6	444.9	115,400*	52.6	461.2	148,200*							225
230	27.5	393.3	73,500*	32.5	410.2	82,300*	42.7	439.5	112,400*	51.0	457.1	145,600*							230
235	24.5	382.5	72,600*	30.1	401.6	80,700*	40.8	433.6	109,500*	49.4	452.7	142,700*	56.7	463.3	137,800*				235
240	21.2	369.9	72,100*	27.4	392.0	79,200*	38.8	427.4	106,700*	47.7	448.1	139,800*	55.2	459.8	133,900*				240
245	17.1	354.4	72,200*	24.4	381.1	78,100*	36.7	420.6	103,900*	45.9	443.2	136,900*	53.7	456.0	130,200*				245
250	11.6	333.1	73,200*	21.0	368.4	77,300*	34.5	413.3	101,400*	44.1	438.0	133,900*	52.1	452.1	126,600*				250
255				16.9	352.7	77,200*	32.2	405.4	99,000*	42.3	432.5	130,800*	50.4	447.9	123,100*				255
260				11.3	330.9	78,000*	29.7	396.6	96,700*	40.3	426.5	127,800*	48.8	443.5	119,800*				260
270							23.9	375.7	92,900*	36.2	413.3	121,800*	45.3	433.7	113,500*	52.9	444.4	100,200*	270
280							16.2	346.4	90,600*	31.6	397.7	116,100*	41.6	422.7	107,700*	49.6	436.0	94,000*	280
290										26.2	378.7	110,900*	37.6	410.1	102,200*	46.2	426.6	88,300*	290
300										19.5	353.5	106,800*	33.2	395.4	97,000*	42.5	415.9	83,000*	300
310										8.0	308.6	95,600*	28.1	377.6	92,100*	38.6	403.7	78,000*	310
320													21.9	355.0	87,400*	34.3	389.6	73,200*	320
330													13.0	320.6	82,800*	29.4	372.7	68,700*	330
340																23.6	351.5	64,300*	340
350																15.7	321.6	60,000*	350

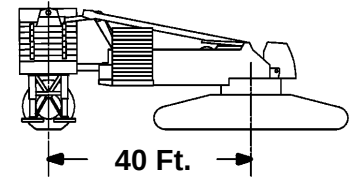


Liftcrane Luffing Jib Capacities

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
 860,000 Lb. Wheeled Counterweight
 at 40 Ft. Position
 360 Degree Rating

Meets
 ANSI B30.5
 Requirements

**18000 With
 21000 MAX-ER**



280 Ft. Boom, 250 Ft. Luffing Jib

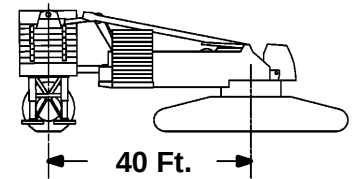
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	74.6	531.0	131,700*																95
100	73.4	529.5	129,600*																100
105	72.1	527.8	127,300*																105
110	70.9	526.1	124,900*																110
115	69.7	524.2	122,400*	72.1	526.9	133,700*													115
120	68.5	522.1	119,800*	70.9	525.1	131,600*													120
125	67.2	520.0	117,100*	69.6	523.2	129,400*													125
130	66.0	517.7	114,400*	68.4	521.2	127,100*													130
135	64.7	515.3	111,600*	67.2	519.1	124,700*													135
140	63.4	512.7	108,900*	65.9	516.8	122,100*													140
145	62.1	510.0	106,100*	64.6	514.3	119,500*													145
150	60.8	507.2	103,300*	63.3	511.8	116,800*													150
155	59.4	504.2	100,500*	62.0	509.1	114,100*													155
160	58.1	501.0	97,800*	60.7	506.2	111,300*	67.0	515.2	138,900*										160
165	56.7	497.7	95,100*	59.4	503.2	108,600*	65.7	512.8	137,300*										165
170	55.3	494.2	92,500*	58.0	500.0	105,800*	64.4	510.4	135,500*										170
175	53.9	490.5	89,900*	56.6	496.7	103,100*	63.1	507.8	133,600*										175
180	52.4	486.6	87,400*	55.2	493.2	100,400*	61.8	505.1	131,400*										180
185	51.0	482.5	84,900*	53.8	489.5	97,700*	60.5	502.2	129,200*										185
190	49.4	478.1	82,500*	52.4	485.6	95,000*	59.2	499.2	126,800*										190
195	47.9	473.6	80,200*	50.9	481.4	92,500*	57.8	496.0	124,400*										195
200	46.3	468.7	78,000*	49.4	477.1	89,900*	56.4	492.6	121,900*	62.8	501.5	135,000*							200
205	44.6	463.6	75,900*	47.8	472.5	87,500*	55.0	489.1	119,300*	61.5	498.8	135,000*							205
210	43.0	458.2	73,900*	46.2	467.7	85,100*	53.6	485.3	116,700*	60.2	495.9	135,000*							210
215	41.2	452.5	72,000*	44.6	462.5	82,900*	52.1	481.4	114,000*	58.9	492.8	135,000*							215
220	39.4	446.3	70,200*	42.9	457.1	80,700*	50.6	477.2	111,400*	57.5	489.6	135,000*							220
225	37.5	439.8	68,600*	41.1	451.3	78,600*	49.1	472.9	108,700*	56.1	486.1	135,000*							225
230	35.5	432.7	67,000*	39.3	445.2	76,600*	47.6	468.2	106,100*	54.7	482.6	134,100*							230
235	33.5	425.1	65,600*	37.4	438.6	74,700*	46.0	463.3	103,400*	53.3	478.8	132,100*							235
240	31.2	416.9	64,400*	35.4	431.6	73,000*	44.3	458.2	100,900*	51.8	474.8	130,000*							240
245	28.9	407.9	63,300*	33.4	424.0	71,400*	42.6	452.7	98,300*	50.3	470.6	127,700*	57.0	480.7	126,200*				245
250	26.3	397.8	62,400*	31.1	415.7	70,000*	40.9	446.9	95,900*	48.8	466.1	125,400*	55.6	477.2	122,600*				250
255	23.5	386.5	61,800*	28.8	406.6	68,700*	39.0	440.6	93,500*	47.2	461.5	123,000*	54.2	473.5	119,200*				255
260	20.2	373.3	61,500*	26.2	396.5	67,600*	37.1	434.0	91,200*	45.6	456.5	120,600*	52.7	469.7	116,000*				260
270	11.1	334.8	62,800*	20.1	371.8	66,300*	33.0	419.2	87,000*	42.2	445.7	115,500*	49.8	461.3	109,700*				270
280				10.8	332.6	67,200*	28.4	401.5	83,300*	38.6	433.5	110,400*	46.6	452.0	103,900*				280
290							22.8	379.6	80,400*	34.6	419.5	105,400*	43.3	441.6	98,500*	50.5	453.8	83,100*	290
300							15.4	348.9	78,700*	30.2	403.0	100,800*	39.8	429.9	93,400*	47.4	444.7	77,800*	300
310										25.1	383.0	96,700*	36.0	416.5	88,700*	44.2	434.6	72,900*	310
320										18.6	356.6	93,400*	31.7	401.0	84,100*	40.7	423.3	68,300*	320
330										7.6	309.7	79,300*	26.9	382.3	79,500*	36.9	410.3	63,900*	330
340													20.9	358.5	74,800*	32.8	395.4	59,700*	340
350													12.4	322.6	70,100*	28.1	377.6	55,700*	350
360																22.6	355.4	51,900*	360
370																15.0	324.0	48,100*	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
860,000 Lb. Wheeled Counterweight
at 40 Ft. Position
360 Degree Rating

Meets
ANSI B30.5
Requirements

18000 With 21000 MAX-ER



280 Ft. Boom, 270 Ft. Luffing Jib

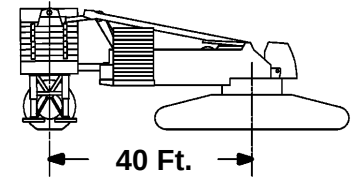
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	74.6	550.4	116,500*																100
105	73.5	548.9	114,700*																105
110	72.4	547.3	112,800*																110
115	71.3	545.5	110,800*																115
120	70.1	543.7	108,800*	72.3	546.3	118,600*													120
125	69.0	541.7	106,600*	71.2	544.6	116,900*													125
130	67.9	539.6	104,400*	70.1	542.7	115,100*													130
135	66.7	537.4	102,100*	68.9	540.8	113,200*													135
140	65.5	535.1	99,800*	67.8	538.7	111,200*													140
145	64.3	532.7	97,500*	66.6	536.5	109,200*													145
150	63.2	530.1	95,200*	65.5	534.2	107,000*													150
155	61.9	527.4	92,800*	64.3	531.7	104,800*													155
160	60.7	524.5	90,500*	63.1	529.1	102,500*													160
165	59.5	521.5	88,200*	61.9	526.4	100,200*	67.6	534.8	122,900*										165
170	58.2	518.4	85,900*	60.7	523.5	97,900*	66.5	532.6	122,400*										170
175	57.0	515.1	83,600*	59.4	520.5	95,600*	65.3	530.2	121,100*										175
180	55.7	511.6	81,300*	58.2	517.4	93,300*	64.1	527.8	119,600*										180
185	54.4	508.0	79,200*	56.9	514.1	91,000*	62.9	525.2	118,000*										185
190	53.0	504.2	77,000*	55.6	510.6	88,700*	61.7	522.4	116,200*										190
195	51.7	500.2	74,900*	54.3	507.0	86,400*	60.5	519.5	114,300*										195
200	50.3	496.0	72,900*	53.0	503.1	84,200*	59.2	516.5	112,500*										200
205	48.9	491.5	70,900*	51.6	499.1	82,000*	58.0	513.3	110,400*										205
210	47.4	486.9	69,000*	50.2	494.9	79,900*	56.7	510.0	108,300*	62.6	518.9	118,600*							210
215	45.9	482.0	67,200*	48.8	490.5	77,800*	55.4	506.5	106,100*	61.4	516.1	118,600*							215
220	44.4	476.9	65,400*	47.3	485.9	75,700*	54.1	502.8	104,000*	60.2	513.2	118,600*							220
225	42.8	471.4	63,800*	45.9	481.0	73,800*	52.8	499.0	101,800*	58.9	510.1	118,600*							225
230	41.2	465.7	62,200*	44.3	475.8	71,800*	51.4	495.0	99,600*	57.7	506.9	118,600*							230
235	39.6	459.6	60,700*	42.8	470.3	70,000*	50.0	490.7	97,300*	56.4	503.5	118,600*							235
240	37.8	453.1	59,300*	41.1	464.6	68,300*	48.6	486.2	95,100*	55.1	500.0	118,600*							240
245	36.0	446.2	58,000*	39.5	458.5	66,600*	47.1	481.5	92,900*	53.8	496.3	117,900*							245
250	34.1	438.8	56,800*	37.7	452.0	65,000*	45.6	476.6	90,700*	52.4	492.4	116,100*							250
255	32.1	430.8	55,700*	35.9	445.0	63,600*	44.1	471.4	88,500*	51.1	488.3	114,400*	57.2	498.0	112,800*				255
260	30.0	422.2	54,700*	34.0	437.6	62,200*	42.5	465.9	86,400*	49.7	484.0	112,500*	55.9	494.6	112,800*				260
270	25.3	402.2	53,300*	29.9	420.9	59,800*	39.2	453.9	82,400*	46.8	474.8	108,600*	53.3	487.2	106,900*				270
280	19.4	376.6	52,700*	25.1	400.9	58,000*	35.6	440.4	78,600*	43.7	464.5	104,400*	50.6	479.1	101,100*				280
290	10.7	336.5	54,100*	19.3	375.0	57,100*	31.7	424.7	75,200*	40.5	453.0	99,800*	47.7	470.2	95,700*				290
300				10.3	334.3	58,200*	27.2	406.3	72,300*	37.0	440.1	93,300*	44.7	460.2	90,700*	51.3	471.5	74,000*	300
310							21.9	383.4	69,900*	33.3	425.4	86,900*	41.6	449.2	86,000*	48.4	462.8	69,100*	310
320							14.8	351.4	66,400*	29.0	408.1	80,700*	38.2	436.8	80,900*	45.5	453.1	64,500*	320
330										24.1	387.2	74,900*	34.5	422.7	76,200*	42.4	442.3	60,200*	330
340										17.9	359.7	69,400*	30.5	406.3	71,600*	39.0	430.3	56,100*	340
350										7.3	310.8	64,500*	25.8	386.8	67,300*	35.5	416.6	52,300*	350
360													20.1	361.9	63,100*	31.5	400.9	48,600*	360
370													11.9	324.6	58,900*	27.0	382.3	45,000*	370
380																21.7	359.1	41,600*	380
390																14.4	326.4	38,200*	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
 860,000 Lb. Wheeled Counterweight
 at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
55	73.5	396.2	310,600*d																55
60	70.1	394.3	308,200*c																60
65	66.6	392.0	304,300*b																65
70	63.0	389.3	295,100*b	70.4	393.6	313,500*c													70
75	59.2	386.2	285,500*b	66.9	391.4	310,800*c													75
80	55.3	382.6	275,800*b	63.3	388.7	305,700*b													80
85	51.2	378.4	266,500*	59.6	385.6	296,400*b													85
90	46.7	373.6	257,500*	55.7	382.1	286,800*b													90
95	41.9	367.9	249,300*	51.6	377.9	277,200*													95
100	36.5	361.0	242,100*	47.2	373.2	268,100*	67.6	388.0	319,100*c										100
105	30.2	352.5	236,600*	42.4	367.5	259,400*	64.0	385.5	316,800*b										105
110	22.1	340.7	234,100*	37.0	360.8	251,700*	60.3	382.5	314,100*b										110
115				30.9	352.5	245,400*	56.4	379.0	310,000*b										115
120				23.0	341.2	241,600*	52.4	375.0	301,000*										120
125				8.4	318.9	242,400*	48.0	370.4	291,800*										125
130							43.3	364.9	282,700*										130
135							38.1	358.4	274,300*	60.7	376.8	317,300*b							135
140							32.1	350.5	266,600*	56.8	373.4	304,800*b							140
145							24.7	339.9	260,600*	52.8	369.4	293,100*							145
150							13.0	322.2	258,300*	48.5	364.9	282,100*							150
155										43.8	359.5	271,800*							155
160										38.7	353.1	262,100*							160
165										32.8	345.4	252,900*	56.8	365.1	233,500*b				165
170										25.6	335.2	244,000*	52.7	361.1	225,500*				170
175										14.8	318.9	235,400*	48.4	356.5	218,000*				175
180													43.7	351.2	210,900*				180
185													38.6	344.8	204,000*				185
190													32.7	337.0	197,500*				190
195													25.4	326.7	191,100*	51.9	350.0	175,600*	195
200													14.4	310.2	184,800*	47.6	345.2	170,200*	200
205																42.8	339.7	165,000*	205
210																37.6	333.1	160,100*	210
215																31.5	325.0	155,200*	215
220																23.8	314.0	150,500*	220
225																11.0	294.5	145,500*	225

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

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

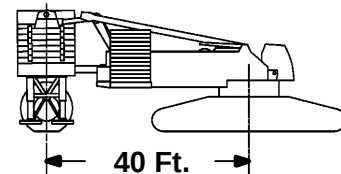
Capacities indicated by (d) require
 56,000 Lb. minimum weight suspended
 beneath luffing jib point.

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
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	73.9	415.7	279,600*c																60
65	71.1	413.8	274,800*c																65
70	68.3	411.7	267,600*b																70
75	65.4	409.3	260,000*b	71.4	413.1	282,500*c													75
80	62.4	406.6	251,900*b	68.5	411.1	277,600*b													80
85	59.4	403.5	243,700*	65.7	408.7	270,300*b													85
90	56.2	400.1	235,700*	62.7	406.0	262,600*b													90
95	52.9	396.2	227,700*	59.7	402.9	254,600*													95
100	49.4	391.8	219,900*	56.5	399.5	246,400*													100
105	45.8	386.8	212,600*	53.2	395.7	238,400*													105
110	41.8	381.1	205,900*	49.8	391.3	230,500*	66.2	405.4	283,100*b										110
115	37.5	374.5	199,900*	46.1	386.4	222,900*	63.3	402.7	283,100*b										115
120	32.7	366.7	194,800*	42.2	380.8	215,800*	60.2	399.8	277,300*										120
125	27.0	357.0	191,300*	37.9	374.3	209,300*	57.1	396.4	270,000*										125
130	19.7	343.9	190,200*	33.1	366.6	203,700*	53.8	392.6	262,400*										130
135				27.6	357.1	199,300*	50.4	388.4	254,600*										135
140				20.5	344.4	197,200*	46.8	383.6	246,900*										140
145				7.2	319.5	200,500*	43.0	378.1	239,400*	60.6	394.1	284,000*b							145
150							38.8	371.8	232,100*	57.4	390.8	280,000*							150
155							34.1	364.4	225,500*	54.2	387.0	269,900*							155
160							28.7	355.3	219,800*	50.8	382.9	260,300*							160
165							22.0	343.5	215,500*	47.2	378.1	251,300*							165
170							11.4	323.7	214,400*	43.4	372.7	242,800*							170
175										39.2	366.5	234,800*	57.4	382.5	215,600*				175
180										34.6	359.2	227,100*	54.1	378.7	208,600*				180
185										29.3	350.3	219,800*	50.7	374.5	202,000*				185
190										22.8	338.9	212,700*	47.1	369.8	195,700*				190
195										13.0	320.7	205,700*	43.3	364.4	189,600*				195
200													39.1	358.1	183,900*				200
205													34.5	350.8	178,300*				205
210													29.2	341.9	173,000*	50.1	363.4	157,800*	210
215													22.7	330.4	167,800*	46.5	358.5	153,200*	215
220													12.7	312.0	162,500*	42.6	352.9	148,800*	220
225																38.3	346.5	144,600*	225
230																33.6	339.0	140,400*	230
235																28.1	329.7	136,400*	235
240																21.3	317.5	132,500*	240
245																9.6	295.6	128,300*	245

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

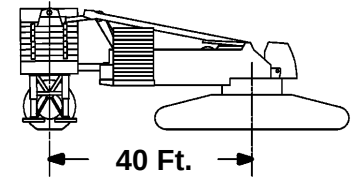
Capacities indicated by **(c)** require
37,000 Lb. minimum weight suspended
beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
 Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
 492,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 860,000 Lb. Wheeled Counterweight
 at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.1	435.0	247,200*c																65
70	71.8	433.3	241,800*b																70
75	69.4	431.3	235,700*b																75
80	67.0	429.1	229,300*b	72.0	432.6	250,600*b													80
85	64.6	426.6	222,600*	69.6	430.7	245,200*b													85
90	62.0	423.9	215,800*	67.2	428.5	239,300*b													90
95	59.5	420.9	208,900*	64.8	426.0	232,900*													95
100	56.8	417.5	202,000*	62.3	423.3	226,200*													100
105	54.1	413.8	195,300*	59.7	420.3	219,500*													105
110	51.2	409.6	188,700*	57.1	416.9	212,600*													110
115	48.2	405.1	182,500*	54.3	413.2	205,800*	67.7	425.1	252,300*b										115
120	45.1	400.0	176,600*	51.5	409.2	199,100*	65.3	422.7	252,300*										120
125	41.8	394.3	171,100*	48.5	404.6	192,600*	62.8	420.1	247,800*										125
130	38.2	387.9	166,200*	45.4	399.6	186,400*	60.2	417.1	242,100*										130
135	34.2	380.5	161,900*	42.1	394.0	180,600*	57.6	413.8	235,900*										135
140	29.8	371.8	158,400*	38.5	387.6	175,200*	54.8	410.2	229,500*										140
145	24.6	361.1	156,100*	34.6	380.3	170,400*	52.0	406.2	222,900*										145
150	17.9	346.7	155,900*	30.2	371.8	166,400*	49.1	401.8	216,500*										150
155				25.1	361.3	163,400*	46.0	396.8	210,000*	60.5	411.4	253,500*							155
160				18.6	347.4	162,300*	42.7	391.3	203,600*	57.8	408.1	249,900*							160
165				6.4	320.1	165,600*	39.2	385.1	197,600*	55.1	404.6	247,600*							165
170							35.4	378.0	192,000*	52.3	400.6	239,200*							170
175							31.1	369.7	186,900*	49.4	396.2	231,300*							175
180							26.2	359.7	182,600*	46.3	391.4	223,800*							180
185							20.0	346.7	179,600*	43.1	385.9	216,700*	57.8	399.9	197,800*				185
190							10.2	325.1	179,400*	39.6	379.8	209,900*	55.1	396.3	191,600*				190
195										35.8	372.8	203,400*	52.3	392.3	185,700*				195
200										31.6	364.6	197,200*	49.3	387.9	180,100*				200
205										26.7	354.9	191,300*	46.3	383.0	174,700*				205
210										20.8	342.2	185,500*	43.0	377.6	169,600*				210
215										11.7	322.4	179,700*	39.5	371.4	164,700*				215
220													35.7	364.4	159,900*	51.7	381.2	144,700*	220
225													31.5	356.2	155,400*	48.8	376.7	140,600*	225
230													26.6	346.4	150,900*	45.7	371.7	136,600*	230
235													20.6	333.7	146,600*	42.4	366.1	132,800*	235
240													11.5	313.6	142,200*	38.8	359.9	129,200*	240
245																35.0	352.7	125,600*	245
250																30.7	344.2	122,100*	250
255																25.7	334.0	118,800*	255
260																19.3	320.5	115,400*	260

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

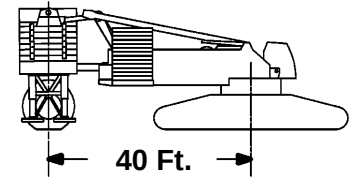
Capacities indicated by (c) require
 37,000 Lb. minimum weight suspended
 beneath luffing jib point.

Liftcrane Luffing Jib Capacities

Luffing Jib No. 79A On
Boom No. 55 or No. 55A with 140 Ft. Mast No. 56
492,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
860,000 Lb. Wheeled Counterweight
at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	74.3	454.4	218,700*																70
75	72.3	452.8	214,100*																75
80	70.3	450.9	209,000*																80
85	68.2	448.8	203,600*	72.5	452.0	221,800*													85
90	66.1	446.5	198,000*	70.4	450.2	218,000*													90
95	64.0	444.0	192,400*	68.4	448.1	213,100*													95
100	61.8	441.2	186,600*	66.3	445.9	207,800*													100
105	59.5	438.2	180,700*	64.2	443.3	202,300*													105
110	57.3	434.9	175,000*	62.0	440.6	196,700*													110
115	54.9	431.3	169,300*	59.7	437.6	191,000*													115
120	52.5	427.4	163,800*	57.5	434.3	185,200*													120
125	50.0	423.1	158,500*	55.1	430.7	179,400*	66.7	442.5	225,000*										125
130	47.3	418.4	153,400*	52.7	426.9	173,800*	64.6	440.1	222,500*										130
135	44.6	413.2	148,700*	50.2	422.6	168,300*	62.4	437.4	217,900*										135
140	41.7	407.5	144,200*	47.6	417.9	162,900*	60.2	434.4	213,000*										140
145	38.6	401.2	140,100*	44.9	412.8	157,900*	57.9	431.2	207,800*										145
150	35.3	394.1	136,500*	42.0	407.2	153,100*	55.6	427.7	202,400*										150
155	31.7	386.0	133,400*	38.9	400.9	148,700*	53.2	423.8	197,000*										155
160	27.6	376.5	131,000*	35.6	393.9	144,600*	50.7	419.7	191,500*	62.6	431.6	224,200*							160
165	22.8	364.9	129,600*	32.0	385.9	141,100*	48.1	415.1	185,900*	60.4	428.7	223,700*							165
170	16.5	349.3	129,800*	28.0	376.6	138,200*	45.4	410.1	180,500*	58.1	425.5	223,300*							170
175				23.2	365.2	136,200*	42.5	404.5	175,200*	55.8	422.0	220,800*							175
180				17.2	350.1	135,700*	39.5	398.4	170,200*	53.4	418.2	216,300*							180
185				5.7	320.6	138,900*	36.3	391.5	165,400*	50.9	414.1	211,400*							185
190							32.7	383.7	161,000*	48.4	409.6	206,300*							190
195							28.8	374.7	157,100*	45.7	404.6	201,000*							195
200							24.2	363.8	153,900*	42.8	399.1	195,200*	55.8	413.7	177,400*				200
205							18.5	349.7	151,800*	39.8	393.1	189,400*	53.4	409.9	172,100*				205
210							9.4	326.4	152,000*	36.6	386.3	183,900*	50.9	405.8	167,000*				210
215										33.1	378.6	178,600*	48.3	401.2	162,200*				215
220										29.2	369.7	173,400*	45.6	396.3	157,600*				220
225										24.7	359.0	168,500*	42.8	390.8	153,100*				225
230										19.2	345.4	163,700*	39.8	384.7	148,800*	52.9	398.8	133,900*	230
235										10.8	324.0	158,800*	36.6	377.9	144,700*	50.4	394.6	130,100*	235
240													33.0	370.2	140,800*	47.8	390.0	126,500*	240
245													29.1	361.3	136,900*	45.1	384.9	123,100*	245
250													24.6	350.6	133,200*	42.3	379.4	119,800*	250
255													19.1	336.8	129,500*	39.2	373.2	116,500*	255
260													10.5	315.1	125,700*	35.9	366.2	113,400*	260
270																28.4	349.1	107,400*	270
280																17.8	323.4	101,700*	280

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

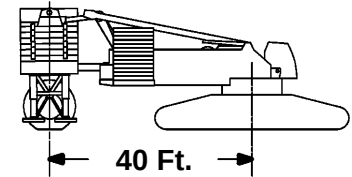


Liftcrane Luffing Jib Capacities

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
 860,000 Lb. Wheeled Counterweight
 at 40 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	87 Degree Boom Angle			85 Degree Boom Angle			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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	74.5	473.8	192,500* ^b																75
80	72.7	472.2	188,700* ^b																80
85	70.9	470.4	184,600*																85
90	69.1	468.4	180,200*	72.8	471.5	195,200* ^b													90
95	67.2	466.2	175,600*	71.1	469.7	192,800*													95
100	65.4	463.9	171,000*	69.2	467.7	188,900*													100
105	63.5	461.3	166,200*	67.4	465.6	184,600*													105
110	61.6	458.5	161,400*	65.6	463.2	180,200*													110
115	59.6	455.5	156,500*	63.7	460.7	175,600*													115
120	57.6	452.3	151,800*	61.7	457.9	170,900*													120
125	55.5	448.7	147,000*	59.8	454.9	166,100*													125
130	53.4	445.0	142,400*	57.8	451.7	161,300*	67.8	462.2	198,300*										130
135	51.2	440.9	138,000*	55.7	448.2	156,500*	65.9	459.9	198,200*										135
140	49.0	436.4	133,700*	53.6	444.4	151,800*	64.0	457.4	194,700*										140
145	46.7	431.6	129,600*	51.4	440.4	147,200*	62.1	454.7	190,900*										145
150	44.2	426.4	125,700*	49.2	436.0	142,700*	60.2	451.7	186,900*										150
155	41.7	420.7	122,100*	46.9	431.2	138,400*	58.2	448.5	182,600*										155
160	39.0	414.5	118,800*	44.4	426.1	134,300*	56.1	445.1	178,200*										160
165	36.1	407.6	115,700*	41.9	420.4	130,300*	54.0	441.4	173,700*										165
170	33.0	399.9	113,100*	39.2	414.2	126,700*	51.9	437.4	169,100*	62.3	449.0	196,600*							170
175	29.6	391.1	110,800*	36.4	407.4	123,300*	49.6	433.1	164,500*	60.4	446.0	196,600*							175
180	25.8	380.9	109,200*	33.3	399.8	120,300*	47.3	428.4	160,000*	58.4	442.9	196,600*							180
185	21.2	368.4	108,300*	29.9	391.1	117,700*	44.9	423.3	155,500*	56.3	439.5	195,300*							185
190	15.4	351.8	108,900*	26.1	381.0	115,600*	42.4	417.7	151,100*	54.2	435.8	191,600*							190
195				21.7	368.8	114,300*	39.7	411.7	146,900*	52.1	431.8	187,700*							195
200				16.0	352.7	114,200*	36.9	405.0	142,900*	49.9	427.5	183,600*							200
205				5.2	321.1	117,200*	33.9	397.5	139,200*	47.6	422.9	179,400*							205
210							30.6	389.1	135,800*	45.2	417.8	175,000*	56.3	431.2	162,900*				210
215							26.9	379.3	132,800*	42.7	412.3	170,700*	54.2	427.5	158,100*				215
220							22.6	367.6	130,400*	40.0	406.3	166,400*	52.0	423.5	153,600*				220
225							17.2	352.5	128,900*	37.2	399.7	162,100*	49.8	419.2	149,200*				225
230							8.7	327.5	129,500*	34.2	392.3	158,000*	47.5	414.5	145,000*				230
235										31.0	384.0	154,000*	45.1	409.5	141,000*				235
240										27.3	374.4	150,400*	42.6	404.0	137,100*				240
245										23.1	362.9	147,200*	40.0	398.0	133,400*	51.6	412.4	118,900*	245
250										17.9	348.3	143,800*	37.2	391.3	129,800*	49.4	408.0	115,700*	250
255										10.0	325.4	139,700*	34.2	383.9	126,300*	47.1	403.3	112,500*	255
260													30.9	375.6	123,000*	44.7	398.2	109,500*	260
270													23.0	354.5	116,500*	39.5	386.5	103,700*	270
280													9.8	316.5	110,100*	33.6	372.1	98,300*	280
290																26.5	353.7	93,200*	290
300																16.6	326.1	87,900*	300

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