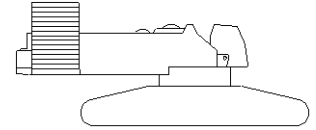


Liftcrane Luffing Jib Capacities

18000

**Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating**

**Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5**



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 (*). Capacities indicated by (b) require 15,000 Lb. minimum weight suspended beneath luffing jib point.

Lower boom point must be completely removed on 280 Ft. boom length.

Upper luffing jib point capacity for liftcrane service with single part whip line when using drum 2 is 35,800 Lbs. or 60,000 Lbs. with two part whip line. When whip line on drum 3 is used, capacity with single part whip line is 30,000 Lbs. or 60,000 Lbs. with two part whip line. In all cases, upper luffing jib point capacities cannot exceed those listed for main boom capacity.

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. A07766**, Wire Rope Specification chart **No. 8516-A**, Counterweight Arrangement chart **No. 8577-A** and Luffing Jib Raising Procedure chart **No. 8542-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 with boom and luffing jib within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 8543-A**.

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

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

MACHINE EQUIPMENT: Machine equipped with 38 Ft. 9 in. crawlers, 60 in. treads, 30 Ft. live mast, 100 Ft. mast, 16 part boom hoist reeving, boom support straps, 14 part luffing jib hoist reeving, luffing jib and backstay support straps, 528,000 Lb. crane counterweight and 320,000 Lb. carbody counterweight.

Boom and/or Jib Catwalks Deduct

Deduct 1,000 Lbs. from capacities when boom and/or jib catwalks are attached.

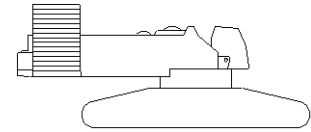


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



140 Ft. Boom, 70 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	
45	72.0	220.9	551,200*b										45
50	67.6	218.8	528,300*b										50
55	63.0	216.2	446,600*										55
60	58.2	213.1	385,800*										60
65	53.1	209.4	338,800*	65.3	215.7	445,300*							65
70	47.5	204.9	301,200*	60.6	212.9	411,100*							70
75	41.4	199.4	270,500*	55.6	209.4	361,400*							75
80	34.4	192.4	244,800*	50.3	205.3	319,600*	62.7	211.2	344,500*				80
85	25.6	182.8	222,800*	44.6	200.4	285,700*	57.9	208.1	322,600*				85
90	10.2	164.8	171,500*	38.0	194.1	257,800*	52.8	204.3	303,100*				90
95				30.3	186.1	234,100*	47.2	199.7	285,600*				95
100				19.6	174.0	213,400*	41.1	194.1	268,300	54.8	201.8	258,400	100
105							34.0	187.1	245,000*	49.5	197.6	243,000	105
110							25.0	177.3	223,200*	43.6	192.4	229,100	110
115							8.5	157.8	189,800*	36.9	186.0	216,500	115
120										28.9	177.5	204,900	120
125										17.3	164.3	194,100	125

140 Ft. Boom, 80 Ft. Luffing Jib

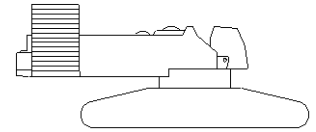
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	70.5	229.7	518,800*b										50
55	66.6	227.5	463,500*										55
60	62.6	224.9	400,500*										60
65	58.4	221.8	351,900*										65
70	54.0	218.2	313,200*	64.6	224.3	410,400*							70
75	49.3	213.9	281,500*	60.5	221.5	375,200*							75
80	44.2	208.9	255,200*	56.2	218.2	332,000*							80
85	38.5	202.8	232,800*	51.6	214.2	297,100*	62.4	219.9	321,700*				85
90	32.0	195.1	213,500*	46.8	209.6	268,300*	58.2	216.8	302,300*				90
95	23.7	184.8	196,600*	41.4	204.0	244,100*	53.7	213.1	285,000*				95
100	9.4	165.4	155,400*	35.4	197.2	223,400*	49.0	208.8	267,900				100
105				28.1	188.5	205,400*	43.9	203.7	251,900	55.5	210.6	242,200	105
110				18.2	175.5	189,300*	38.2	197.5	233,000*	50.9	206.5	228,500	110
115							31.6	189.8	213,900*	46.0	201.8	216,000	115
120							23.2	179.2	197,000*	40.5	196.1	204,700	120
125							7.8	158.2	173,800*	34.3	189.0	194,400	125
130										26.8	179.8	184,800	130
135										16.0	165.5	175,700	135

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



140 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	
50	72.8	240.3	486,500* ^b										50
55	69.4	238.4	477,200*										55
60	65.9	236.2	412,400*										60
65	62.3	233.6	362,400*										65
70	58.6	230.5	322,500*	67.6	235.4	409,900*							70
75	54.7	227.0	290,100*	64.1	233.0	380,500*							75
80	50.6	222.9	263,100*	60.4	230.2	341,800*							80
85	46.2	218.1	240,200*	56.6	226.9	306,000*							85
90	41.4	212.6	220,600*	52.6	223.1	276,500*	62.1	228.5	301,800*				90
95	36.1	205.9	203,600*	48.4	218.7	251,700*	58.4	225.4	284,500*				95
100	30.0	197.7	188,600*	43.9	213.6	230,600*	54.5	221.9	267,600				100
105	22.3	186.6	175,100*	38.8	207.5	212,400*	50.4	217.8	251,700				105
110	8.7	166.0	141,500*	33.2	200.1	196,400*	46.0	213.0	237,400	56.0	219.3	228,100	110
115				26.4	190.7	182,200*	41.2	207.4	220,900*	52.0	215.4	215,700	115
120				17.0	176.8	169,300*	35.8	200.7	204,000*	47.7	210.9	204,500	120
125							29.6	192.3	189,000*	43.1	205.6	194,300	125
130							21.8	181.0	175,600*	38.0	199.4	184,800	130
135							7.2	158.7	159,400*	32.2	191.8	176,200	135
140										25.2	181.9	168,000	140
145										15.0	166.7	160,300	145

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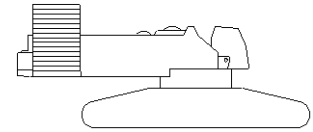


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



140 Ft. Boom, 100 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	71.6	249.2	454,300*										55
60	68.5	247.2	420,000*										60
65	65.3	244.9	369,000*										65
70	62.1	242.2	328,500*										70
75	58.7	239.2	295,500*	66.9	244.1	379,600*							75
80	55.2	235.7	268,100*	63.7	241.7	348,100*							80
85	51.6	231.8	244,900*	60.4	238.8	311,700*							85
90	47.7	227.3	225,000*	57.0	235.6	281,600*							90
95	43.6	222.1	207,800*	53.4	231.9	256,500*	61.9	237.2	283,600*				95
100	39.1	216.1	192,700*	49.7	227.7	235,100*	58.6	234.1	266,900				100
105	34.1	208.9	179,300*	45.7	222.9	216,600*	55.1	230.6	251,000				105
110	28.3	200.1	167,300*	41.4	217.3	200,500*	51.4	226.7	236,800				110
115	21.0	188.3	156,300*	36.7	210.7	186,300*	47.5	222.1	224,000	56.4	228.0	214,900	115
120	8.2	166.5	123,800*	31.3	202.8	173,700*	43.4	216.9	208,100*	52.9	224.2	203,700	120
125				24.9	192.8	162,200*	38.9	210.8	193,100*	49.1	219.9	193,600	125
130				16.0	178.1	151,600*	33.9	203.6	179,800*	45.1	215.0	184,200	130
135							28.0	194.7	167,800*	40.7	209.3	175,600	135
140							20.6	182.7	156,900*	35.9	202.6	167,700	140
145							6.7	159.1	139,400*	30.4	194.4	160,300	145
150										23.8	183.9	153,400	150
155										14.1	167.8	146,700	155

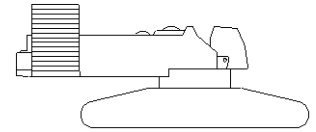


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



140 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	70.5	258.0	361,600*										60
65	67.7	255.9	346,200*										65
70	64.8	253.5	331,500*										70
75	61.9	250.9	300,300*										75
80	58.8	247.8	272,400*	66.3	252.8	340,900*							80
85	55.7	244.4	248,900*	63.4	250.3	316,700*							85
90	52.4	240.6	228,800*	60.4	247.5	286,200*							90
95	49.0	236.3	211,300*	57.3	244.3	260,600*							95
100	45.3	231.4	196,000*	54.1	240.7	238,900*	61.7	245.8	266,300				100
105	41.4	225.8	182,500*	50.7	236.6	220,200*	58.7	242.8	250,500				105
110	37.2	219.4	170,500*	47.2	232.0	203,900*	55.5	239.4	236,400				110
115	32.4	211.8	159,700*	43.4	226.8	189,600*	52.2	235.5	223,600				115
120	26.9	202.4	149,800*	39.3	220.8	176,800*	48.8	231.2	211,500*	56.8	236.7	203,200	120
125	19.9	190.0	140,300*	34.9	213.8	165,400*	45.1	226.2	196,300*	53.5	233.0	193,100	125
130	7.7	167.0	109,100*	29.8	205.4	155,100*	41.2	220.6	182,900*	50.2	228.9	183,800	130
135				23.7	194.8	145,700*	37.0	214.1	170,900*	46.6	224.2	175,300	135
140				15.2	179.3	136,100*	32.2	206.4	160,200*	42.8	218.9	167,400	140
145							26.6	197.0	150,400*	38.7	212.7	160,100	145
150							19.5	184.3	141,300*	34.1	205.6	153,300	150
155							6.3	159.4	123,400*	28.9	196.9	146,900	155
160										22.6	185.8	140,900	160
165										13.3	168.8	135,100	165

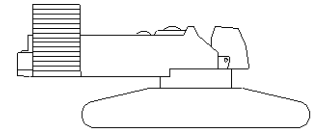


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
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140 Ft. Boom, 120 Ft. Luffing Jib

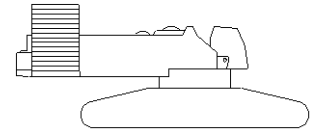
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	72.2	268.6	352,900*										60
65	69.7	266.7	337,400*										65
70	67.1	264.6	322,800*										70
75	64.4	262.2	303,000*										75
80	61.7	259.5	274,900*										80
85	58.9	256.5	251,100*	65.8	261.5	317,600*							85
90	56.1	253.1	230,800*	63.1	259.0	288,700*							90
95	53.1	249.4	213,200*	60.3	256.1	262,900*							95
100	50.0	245.2	197,900*	57.5	253.0	241,000*							100
105	46.7	240.6	184,300*	54.6	249.4	222,200*	61.6	254.5	249,700				105
110	43.3	235.3	172,200*	51.5	245.5	205,700*	58.8	251.4	235,500				110
115	39.5	229.4	161,400*	48.4	241.0	191,300*	55.9	248.1	222,800				115
120	35.5	222.5	151,600*	45.0	236.1	178,500*	52.9	244.3	211,200				120
125	31.0	214.4	142,700*	41.4	230.5	167,100*	49.8	240.1	198,100*	57.1	245.4	192,200	125
130	25.7	204.6	134,500*	37.5	224.1	156,800*	46.5	235.4	184,600*	54.1	241.8	182,900	130
135	19.0	191.6	123,300*	33.3	216.7	147,500*	43.1	230.1	172,600*	51.1	237.8	174,500	135
140	7.3	167.5	96,400*	28.4	207.9	139,000*	39.3	224.1	161,800*	47.8	233.3	166,600	140
145				22.6	196.7	131,100*	35.3	217.2	152,100*	44.5	228.2	159,400	145
150				14.5	180.5	120,200*	30.7	209.1	143,200*	40.8	222.5	152,700	150
155							25.4	199.1	135,000*	36.9	216.0	146,400	155
160							18.6	185.8	127,400*	32.6	208.4	140,500	160
165							5.9	159.8	109,500*	27.6	199.3	135,000	165
170										21.5	187.6	129,700	170
175										12.7	169.8	123,400*	175

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



140 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	71.3	277.4	327,300*										65
70	69.0	275.5	313,000*										70
75	66.6	273.3	299,500*										75
80	64.1	270.9	279,100*										80
85	61.6	268.2	255,000*	67.7	272.5	307,500*							85
90	59.0	265.2	234,400*	65.3	270.2	293,100*							90
95	56.4	261.9	216,600*	62.8	267.6	266,900*							95
100	53.6	258.2	201,000*	60.3	264.8	244,700*							100
105	50.8	254.1	187,200*	57.7	261.6	225,600*							105
110	47.8	249.6	175,000*	55.0	258.1	208,900*	61.5	263.1	235,500				110
115	44.7	244.6	164,100*	52.2	254.3	194,300*	58.9	260.1	222,800				115
120	41.4	239.1	154,300*	49.3	250.0	181,400*	56.2	256.8	211,300				120
125	37.9	232.7	145,300*	46.3	245.3	169,900*	53.5	253.1	200,800				125
130	34.0	225.5	137,200*	43.1	240.0	159,500*	50.7	249.0	187,500*	57.3	254.1	182,900	130
135	29.7	217.0	129,700*	39.7	234.1	150,100*	47.7	244.5	175,300*	54.6	250.5	174,500	135
140	24.6	206.7	122,700*	36.0	227.3	141,600*	44.6	239.5	164,500*	51.8	246.6	166,700	140
145	18.2	193.1	108,900*	31.9	219.5	133,800*	41.3	233.9	154,700*	48.9	242.3	159,500	145
150	6.9	168.0	85,500*	27.2	210.2	126,600*	37.7	227.5	145,800*	45.8	237.5	152,800	150
155				21.6	198.5	119,800*	33.8	220.2	137,700*	42.6	232.1	146,500	155
160				13.8	181.6	106,600*	29.4	211.7	130,200*	39.1	226.0	140,700	160
165							24.3	201.2	123,300*	35.4	219.1	135,300	165
170							17.8	187.3	116,700*	31.2	211.1	130,100	170
175							5.6	160.2	97,700*	26.4	201.6	125,200	175
180										20.6	189.3	119,700*	180
185										12.1	170.8	113,100*	185

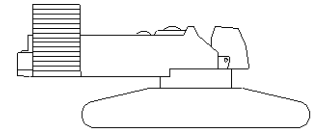


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



140 Ft. Boom, 140 Ft. Luffing Jib

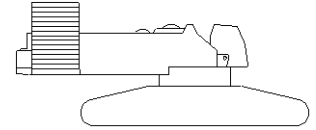
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	72.7	288.0	318,000*										65
70	70.5	286.2	304,100*										70
75	68.3	284.2	290,800*										75
80	66.1	282.0	278,200*										80
85	63.8	279.6	255,200*										85
90	61.5	276.8	234,600*	67.2	281.2	285,600*							90
95	59.1	273.9	216,700*	64.9	278.9	267,100*							95
100	56.6	270.6	201,100*	62.6	276.3	244,800*							100
105	54.1	267.0	187,300*	60.3	273.5	225,700*							105
110	51.5	263.0	175,100*	57.9	270.3	209,000*							110
115	48.8	258.6	164,200*	55.4	266.9	194,400*	61.4	271.8	222,000				115
120	46.0	253.9	154,400*	52.8	263.1	181,400*	59.0	268.8	210,500				120
125	43.0	248.5	145,400*	50.2	258.9	169,900*	56.5	265.5	200,000				125
130	39.8	242.6	137,300*	47.4	254.4	159,500*	54.0	261.9	187,500*				130
135	36.4	236.0	129,900*	44.5	249.3	150,200*	51.4	257.9	175,400*	57.5	262.8	173,600	135
140	32.7	228.4	123,000*	41.4	243.7	141,700*	48.7	253.5	164,500*	55.0	259.3	165,800	140
145	28.5	219.5	116,700*	38.1	237.5	133,900*	45.8	248.7	154,700*	52.4	255.4	158,700	145
150	23.7	208.7	110,700*	34.6	230.4	126,800*	42.8	243.4	145,800*	49.7	251.2	152,000	150
155	17.5	194.5	98,100*	30.7	222.2	120,200*	39.6	237.4	137,800*	46.9	246.6	145,800	155
160	6.6	168.5	77,300*	26.2	212.5	114,100*	36.2	230.7	130,300*	44.0	241.5	140,000	160
165				20.8	200.3	108,300*	32.5	223.1	123,500*	40.9	235.8	134,600	165
170				13.3	182.6	96,400*	28.3	214.1	117,200*	37.6	229.4	129,500	170
175							23.4	203.2	111,300*	34.0	222.1	124,700	175
180							17.1	188.7	105,700*	30.0	213.7	120,000*	180
185							5.4	160.5	88,700*	25.4	203.7	113,900*	185
190										19.8	191.0	108,200*	190
195										11.7	171.7	102,300*	195

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



140 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
70	71.9	296.9	260,600*										70
75	69.9	295.0	252,400*										75
80	67.8	293.0	244,400*										80
85	65.7	290.7	236,700*										85
90	63.6	288.2	229,300*										90
95	61.4	285.5	218,500*	66.7	290.0	241,700*							95
100	59.2	282.5	202,700*	64.6	287.6	234,500*							100
105	56.9	279.2	188,800*	62.5	285.0	227,500*							105
110	54.5	275.7	176,400*	60.3	282.1	210,700*							110
115	52.1	271.8	165,400*	58.0	279.0	195,900*							115
120	49.6	267.6	155,500*	55.7	275.6	182,800*	61.3	280.5	209,800				120
125	47.0	263.0	146,500*	53.3	271.9	171,100*	59.0	277.5	199,400				125
130	44.3	257.9	138,300*	50.9	267.8	160,700*	56.8	274.2	188,900*				130
135	41.4	252.3	130,800*	48.3	263.4	151,200*	54.4	270.6	176,600*				135
140	38.4	246.1	124,000*	45.7	258.5	142,700*	52.0	266.7	165,700*	57.7	271.5	165,200	140
145	35.1	239.1	117,600*	42.9	253.2	134,900*	49.5	262.5	155,800*	55.3	268.0	158,000	145
150	31.5	231.1	111,700*	39.9	247.3	127,700*	46.9	257.8	146,800*	53.0	264.2	151,400	150
155	27.5	221.9	106,300*	36.8	240.7	121,100*	44.1	252.7	138,700*	50.5	260.1	145,200	155
160	22.8	210.7	100,800*	33.3	233.3	115,000*	41.3	247.1	131,300*	47.9	255.6	139,400	160
165	16.9	195.9	87,200*	29.6	224.8	109,300*	38.2	240.8	124,400*	45.2	250.7	134,000	165
170	6.3	168.9	68,700*	25.2	214.6	104,000*	34.9	233.8	118,100*	42.4	245.3	129,000	170
175				20.0	201.9	98,600*	31.3	225.8	112,300*	39.4	239.3	124,200	175
180				12.8	183.7	85,900*	27.3	216.5	106,800*	36.2	232.6	119,700	180
185							22.5	205.1	101,600*	32.8	225.0	114,900*	185
190							16.5	190.1	96,000*	28.9	216.3	109,200*	190
195							5.1	160.8	79,300*	24.5	205.8	104,000*	195
200										19.1	192.6	98,900*	200
205										11.2	172.6	92,900*	205

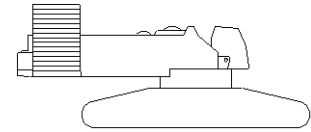


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



140 Ft. Boom, 160 Ft. Luffing Jib

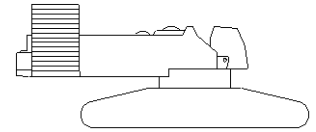
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	71.2	305.7	243,200*										75
80	69.3	303.8	235,300*										80
85	67.3	301.7	227,600*										85
90	65.3	299.4	220,200*										90
95	63.3	296.9	213,000*										95
100	61.3	294.1	202,400*	66.3	298.7	224,900*							100
105	59.2	291.2	188,500*	64.3	296.3	217,900*							105
110	57.1	287.9	176,100*	62.3	293.6	210,300*							110
115	54.9	284.4	165,100*	60.3	290.8	195,500*							115
120	52.6	280.6	155,100*	58.1	287.7	182,400*							120
125	50.3	276.5	146,200*	56.0	284.3	170,800*	61.2	289.1	198,500				125
130	47.9	272.0	138,000*	53.8	280.6	160,300*	59.1	286.1	188,500*				130
135	45.4	267.1	130,500*	51.5	276.7	150,900*	57.0	282.9	176,200*				135
140	42.8	261.8	123,700*	49.1	272.4	142,300*	54.8	279.4	165,300*				140
145	40.0	255.9	117,400*	46.7	267.7	134,500*	52.5	275.5	155,400*	57.8	280.1	157,100	145
150	37.1	249.4	111,500*	44.1	262.6	127,400*	50.2	271.4	146,500*	55.6	276.7	150,500	150
155	33.9	242.1	106,100*	41.4	257.0	120,800*	47.8	266.9	138,300*	53.4	273.0	144,300	155
160	30.5	233.8	101,000*	38.6	250.8	114,800*	45.3	262.0	130,900*	51.1	269.0	138,600	160
165	26.6	224.2	96,300*	35.5	243.9	109,100*	42.6	256.6	124,100*	48.7	264.6	133,200	165
170	22.0	212.6	91,000*	32.2	236.1	103,900*	39.9	250.7	117,800*	46.3	259.9	128,200	170
175	16.3	197.3	78,800*	28.6	227.2	99,000*	36.9	244.1	112,000*	43.7	254.7	123,400	175
180	6.1	169.3	62,100*	24.4	216.7	94,300*	33.7	236.8	106,600*	41.0	249.0	119,000	180
185				19.4	203.6	89,400*	30.3	228.4	101,500*	38.1	242.7	114,500*	185
190				12.3	184.7	78,000*	26.4	218.7	96,800*	35.0	235.7	109,000*	190
195							21.8	207.0	92,300*	31.7	227.8	103,800*	195
200							15.9	191.4	87,200*	28.0	218.7	98,900*	200
205							4.9	161.1	72,200*	23.7	207.9	94,400*	205
210										18.4	194.1	89,700*	210
215										10.8	173.5	84,400*	215

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



140 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	316.3	235,300*										75
80	70.5	314.5	227,500*										80
85	68.7	312.6	219,900*										85
90	66.9	310.4	212,600*										90
95	65.0	308.1	205,500*										95
100	63.1	305.6	198,600*	67.8	309.6	216,800*							100
105	61.2	302.8	189,200*	66.0	307.4	209,900*							105
110	59.3	299.8	176,800*	64.1	304.9	203,200*							110
115	57.3	296.6	165,800*	62.2	302.3	196,300*							115
120	55.2	293.2	155,800*	60.2	299.4	183,200*							120
125	53.1	289.4	146,800*	58.3	296.3	171,500*							125
130	50.9	285.4	138,600*	56.2	293.0	161,000*	61.1	297.8	188,800				130
135	48.7	281.0	131,200*	54.2	289.4	151,500*	59.2	294.8	176,900*				135
140	46.4	276.3	124,300*	52.0	285.5	143,000*	57.2	291.6	165,900*				140
145	44.0	271.1	118,000*	49.8	281.3	135,200*	55.1	288.1	156,000*				145
150	41.4	265.5	112,200*	47.5	276.7	128,000*	53.0	284.3	147,100*	57.9	288.8	150,300	150
155	38.8	259.4	106,800*	45.2	271.8	121,400*	50.8	280.3	138,900*	55.9	285.4	144,200	155
160	35.9	252.6	101,700*	42.7	266.4	115,400*	48.6	275.9	131,500*	53.8	281.8	138,400	160
165	32.8	245.0	97,000*	40.1	260.6	109,800*	46.3	271.1	124,700*	51.7	277.8	133,100	165
170	29.5	236.4	92,600*	37.3	254.1	104,500*	43.8	265.9	118,400*	49.5	273.6	128,100	170
175	25.7	226.4	88,000*	34.4	246.9	99,700*	41.3	260.3	112,600*	47.2	269.0	123,400	175
180	21.3	214.4	81,800*	31.2	238.9	95,100*	38.6	254.1	107,200*	44.8	264.0	118,900	180
185	15.8	198.6	70,900*	27.7	229.6	90,800*	35.8	247.3	102,200*	42.3	258.5	114,700	185
190	5.9	169.7	55,900*	23.6	218.8	86,300*	32.7	239.7	97,500*	39.7	252.6	109,600*	190
195				18.7	205.2	81,800*	29.3	231.0	93,100*	36.9	246.0	104,400*	195
200				11.9	185.6	70,400*	25.5	220.9	88,900*	33.9	238.7	99,600*	200
205							21.1	208.8	84,400*	30.7	230.5	95,100*	205
210							15.4	192.7	79,900*	27.1	221.1	90,800*	210
215							4.7	161.5	65,400*	22.9	209.8	86,700*	215
220										17.9	195.6	82,200*	220
225										10.5	174.3	77,500*	225

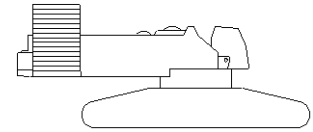


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



140 Ft. Boom, 180 Ft. Luffing Jib

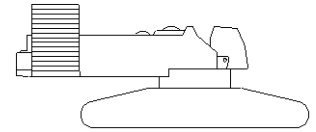
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	71.7	325.2	215,200*										80
85	70.0	323.3	208,900*										85
90	68.3	321.3	201,700*										90
95	66.5	319.1	194,900*										95
100	64.8	316.8	188,200*										100
105	63.0	314.2	181,700*	67.4	318.3	198,800*							105
110	61.2	311.5	175,500*	65.6	316.1	192,300*							110
115	59.3	308.5	166,000*	63.9	313.6	185,900*							115
120	57.4	305.3	155,900*	62.1	311.0	179,700*							120
125	55.5	301.9	146,900*	60.2	308.1	171,700*							125
130	53.5	298.2	138,600*	58.4	305.0	161,100*	62.9	309.2	182,000*				130
135	51.5	294.2	131,100*	56.4	301.7	151,600*	61.1	306.4	176,100*				135
140	49.4	289.9	124,200*	54.5	298.1	143,000*	59.2	303.5	166,100*				140
145	47.2	285.3	117,900*	52.5	294.3	135,100*	57.3	300.2	156,100*				145
150	45.0	280.4	112,000*	50.4	290.2	127,900*	55.4	296.8	147,100*				150
155	42.6	275.0	106,600*	48.3	285.8	121,300*	53.4	293.1	138,900*				155
160	40.2	269.1	101,500*	46.1	281.0	115,200*	51.4	289.1	131,400*	56.1	294.1	137,600	160
165	37.6	262.7	96,800*	43.8	275.8	109,600*	49.3	284.8	124,500*	54.2	290.5	132,200	165
170	34.8	255.6	92,400*	41.4	270.2	104,300*	47.1	280.2	118,200*	52.2	286.7	127,200	170
175	31.9	247.8	88,300*	38.9	264.1	99,500*	44.9	275.2	112,400*	50.1	282.5	122,500	175
180	28.6	238.9	84,300*	36.2	257.3	94,900*	42.5	269.8	107,000*	48.0	278.0	118,100	180
185	25.0	228.6	80,200*	33.4	249.9	90,600*	40.1	263.9	102,000*	45.7	273.2	113,900	185
190	20.7	216.1	74,300*	30.3	241.5	86,600*	37.5	257.5	97,300*	43.4	267.9	109,400*	190
195	15.3	199.9	64,400*	26.8	232.0	82,800*	34.7	250.4	92,900*	41.0	262.2	104,200*	195
200	5.7	170.1	50,600*	22.9	220.7	78,700*	31.7	242.5	88,700*	38.5	256.0	99,400*	200
205				18.2	206.7	74,600*	28.4	233.5	84,800*	35.8	249.2	94,900*	205
210				11.6	186.6	64,100*	24.8	223.1	81,000*	32.9	241.6	90,600*	210
215							20.5	210.5	77,000*	29.8	233.1	86,700*	215
220							14.9	193.9	72,900*	26.3	223.3	82,900*	220
225							4.6	161.8	59,700*	22.2	211.7	79,100*	225
230										17.3	197.1	75,000*	230
235										10.1	175.1	70,800*	235

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



140 Ft. Boom, 190 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	72.7	335.7	196,300*										80
85	71.1	334.0	191,200*										85
90	69.5	332.1	186,200*										90
95	67.8	330.1	181,400*										95
100	66.2	327.9	176,600*										100
105	64.5	325.5	171,700*										105
110	62.8	322.9	166,800*	67.0	327.1	179,500*							110
115	61.1	320.1	161,700*	65.3	324.8	174,900*							115
120	59.3	317.2	155,900*	63.7	322.3	170,200*							120
125	57.6	314.0	146,800*	61.9	319.6	165,300*							125
130	55.7	310.6	138,500*	60.2	316.7	160,300*							130
135	53.9	306.9	131,000*	58.4	313.7	151,500*	62.7	317.9	166,900*				135
140	52.0	303.0	124,100*	56.6	310.4	142,800*	61.0	315.1	162,300*				140
145	50.0	298.9	117,700*	54.8	306.9	135,000*	59.2	312.1	156,000*				145
150	48.0	294.4	111,900*	52.9	303.1	127,800*	57.5	308.9	147,000*				150
155	45.9	289.5	106,400*	51.0	299.1	121,100*	55.6	305.5	138,700*				155
160	43.7	284.4	101,400*	49.0	294.7	115,000*	53.8	301.9	131,200*				160
165	41.4	278.7	96,700*	46.9	290.1	109,400*	51.9	297.9	124,400*	56.4	302.8	131,500	165
170	39.0	272.6	92,300*	44.8	285.1	104,200*	49.9	293.7	118,100*	54.5	299.3	126,500	170
175	36.5	266.0	88,200*	42.6	279.7	99,300*	47.9	289.2	112,200*	52.6	295.5	121,800	175
180	33.9	258.6	84,300*	40.2	273.8	94,800*	45.8	284.4	106,800*	50.7	291.4	117,400	180
185	31.0	250.5	80,500*	37.8	267.5	90,500*	43.6	279.2	101,800*	48.7	287.0	113,300	185
190	27.8	241.3	76,700*	35.2	260.5	86,500*	41.3	273.5	97,100*	46.6	282.3	109,100*	190
195	24.3	230.7	73,000*	32.4	252.7	82,700*	38.9	267.4	92,700*	44.4	277.2	104,000*	195
200	20.1	217.9	66,200*	29.4	244.1	79,100*	36.4	260.7	88,600*	42.2	271.8	99,200*	200
205	14.8	201.1	57,300*	26.1	234.2	75,300*	33.7	253.4	84,700*	39.9	265.8	94,700*	205
210	5.5	170.6	44,800*	22.3	222.6	71,700*	30.8	245.2	81,100*	37.4	259.4	90,500*	210
215				17.7	208.2	67,500*	27.6	235.9	77,500*	34.8	252.3	86,500*	215
220				11.2	187.5	57,200*	24.1	225.2	73,800*	32.0	244.4	82,800*	220
225							19.9	212.2	70,200*	28.9	235.6	79,200*	225
230							14.5	195.1	66,500*	25.5	225.5	75,700*	230
235							4.4	162.1	53,300*	21.6	213.6	72,100*	235
240										16.8	198.5	68,400*	240
245										9.8	175.9	64,600*	245

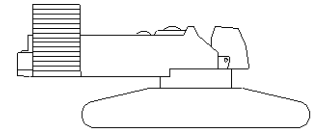


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



140 Ft. Boom, 200 Ft. Luffing Jib

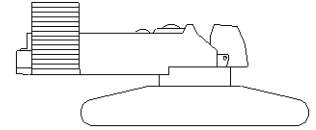
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	72.1	344.6	182,800*										85
90	70.5	342.8	177,800*										90
95	69.0	340.9	172,900*										95
100	67.4	338.8	168,100*										100
105	65.9	336.6	163,400*										105
110	64.3	334.1	158,700*										110
115	62.7	331.6	153,900*	66.7	335.8	166,200*							115
120	61.0	328.8	149,100*	65.1	333.5	161,700*							120
125	59.4	325.8	144,300*	63.5	331.0	157,100*							125
130	57.7	322.7	137,800*	61.9	328.3	152,400*							130
135	55.9	319.3	130,300*	60.2	325.4	147,700*							135
140	54.2	315.7	123,400*	58.5	322.4	142,100*	62.6	326.5	153,900*				140
145	52.4	311.9	117,000*	56.8	319.1	134,200*	61.0	323.7	149,500*				145
150	50.5	307.7	111,200*	55.1	315.6	127,000*	59.3	320.8	145,100*				150
155	48.6	303.4	105,800*	53.3	311.9	120,400*	57.6	317.6	138,000*				155
160	46.7	298.7	100,700*	51.4	307.9	114,300*	55.9	314.2	130,500*				160
165	44.6	293.6	96,000*	49.6	303.7	108,700*	54.1	310.6	123,600*				165
170	42.5	288.2	91,600*	47.6	299.1	103,500*	52.3	306.7	117,300*	56.5	311.5	125,600	170
175	40.3	282.4	87,500*	45.6	294.3	98,600*	50.4	302.6	111,500*	54.8	308.0	121,000	175
180	38.0	276.0	83,700*	43.6	289.0	94,100*	48.5	298.2	106,100*	53.0	304.2	116,600	180
185	35.6	269.1	80,000*	41.4	283.4	89,900*	46.6	293.5	101,100*	51.2	300.2	112,400	185
190	33.0	261.6	76,600*	39.2	277.3	85,900*	44.5	288.5	96,400*	49.3	295.9	108,400*	190
195	30.2	253.2	73,200*	36.8	270.7	82,100*	42.4	283.0	92,000*	47.3	291.4	103,300*	195
200	27.1	243.7	69,700*	34.3	263.5	78,600*	40.2	277.2	87,900*	45.3	286.4	98,500*	200
205	23.6	232.7	66,400*	31.6	255.5	75,200*	37.9	270.8	84,100*	43.2	281.2	94,000*	205
210	19.6	219.5	60,000*	28.6	246.6	71,900*	35.4	263.9	80,500*	41.1	275.5	89,800*	210
215	14.4	202.3	51,800*	25.4	236.4	68,600*	32.8	256.3	77,000*	38.8	269.3	85,800*	215
220	5.3	170.9	40,200*	21.7	224.5	65,300*	30.0	247.8	73,800*	36.4	262.6	82,100*	220
225				17.2	209.6	61,300*	26.9	238.2	70,600*	33.9	255.3	78,600*	225
230				10.9	188.4	51,900*	23.4	227.2	67,200*	31.1	247.2	75,300*	230
235							19.4	213.9	64,000*	28.2	238.1	72,200*	235
240							14.1	196.3	60,600*	24.9	227.7	68,900*	240
245							4.3	162.3	48,400*	21.0	215.4	65,700*	245
250										16.4	199.9	62,400*	250
255										9.6	176.6	58,900*	255

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



140 Ft. Boom, 210 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	72.9	355.1	173,600*										85
90	71.5	353.4	170,300*										90
95	70.0	351.6	165,500*										95
100	68.6	349.6	160,700*										100
105	67.1	347.5	156,000*										105
110	65.6	345.3	151,400*										110
115	64.1	342.8	146,900*	67.8	346.7	158,600*							115
120	62.5	340.2	142,300*	66.3	344.5	154,100*							120
125	61.0	337.5	137,700*	64.8	342.1	149,700*							125
130	59.4	334.5	133,200*	63.3	339.6	145,300*							130
135	57.8	331.3	128,700*	61.8	336.9	140,800*							135
140	56.1	328.0	123,200*	60.2	334.1	136,400*							140
145	54.5	324.4	116,900*	58.6	331.0	131,900*	62.5	335.2	142,300*				145
150	52.8	320.6	111,000*	57.0	327.8	126,900*	60.9	332.4	138,100*				150
155	51.0	316.6	105,600*	55.3	324.3	120,300*	59.3	329.4	133,800*				155
160	49.2	312.3	100,600*	53.6	320.6	114,200*	57.7	326.3	129,600*				160
165	47.4	307.7	95,900*	51.9	316.7	108,500*	56.1	322.9	123,400*				165
170	45.4	302.8	91,500*	50.1	312.6	103,300*	54.4	319.3	117,100*				170
175	43.5	297.6	87,400*	48.3	308.1	98,500*	52.7	315.5	111,300*	56.7	320.2	120,700	175
180	41.4	292.0	83,600*	46.4	303.4	94,000*	50.9	311.5	105,900*	55.0	316.7	116,300	180
185	39.3	285.9	80,000*	44.5	298.3	89,700*	49.1	307.2	100,900*	53.3	313.0	112,200	185
190	37.0	279.4	76,500*	42.4	292.9	85,800*	47.3	302.6	96,200*	51.6	309.1	108,200*	190
195	34.7	272.2	73,300*	40.4	287.1	82,000*	45.3	297.7	91,900*	49.8	304.9	103,100*	195
200	32.1	264.4	70,300*	38.2	280.8	78,500*	43.4	292.4	87,800*	48.0	300.4	98,300*	200
205	29.4	255.7	67,100*	35.8	273.9	75,200*	41.3	286.8	84,000*	46.1	295.6	93,800*	205
210	26.4	246.0	64,000*	33.4	266.5	72,000*	39.2	280.7	80,400*	44.2	290.5	89,600*	210
215	23.0	234.7	61,000*	30.8	258.2	69,100*	36.9	274.1	77,000*	42.1	285.0	85,700*	215
220	19.1	221.1	54,900*	27.9	249.1	66,000*	34.5	267.0	73,700*	40.0	279.1	82,000*	220
225	14.1	203.5	47,400*	24.8	238.6	63,000*	32.0	259.1	70,700*	37.8	272.7	78,500*	225
230	5.2	171.3	36,700*	21.1	226.3	60,000*	29.2	250.4	67,800*	35.5	265.8	75,200*	230
235				16.8	211.1	56,300*	26.2	240.5	64,800*	33.0	258.2	72,100*	235
240				10.6	189.2	47,600*	22.8	229.2	61,800*	30.3	249.9	69,200*	240
245							18.9	215.5	58,800*	27.4	240.5	66,300*	245
250							13.8	197.5	55,800*	24.2	229.8	63,400*	250
255							4.2	162.6	44,500*	20.5	217.1	60,400*	255
260										16.0	201.2	57,400*	260
265										9.3	177.4	54,200*	265

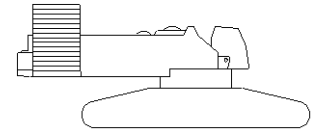


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



140 Ft. Boom, 220 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	72.4	364.0	159,300*										90
95	71.0	362.3	155,000*										95
100	69.6	360.4	150,400*										100
105	68.2	358.4	145,800*										105
110	66.8	356.2	141,300*										110
115	65.4	354.0	137,100*										115
120	63.9	351.5	132,600*	67.5	355.4	143,800*							120
125	62.4	348.9	128,200*	66.1	353.2	139,500*							125
130	60.9	346.1	124,000*	64.6	350.8	135,300*							130
135	59.4	343.1	119,700*	63.2	348.3	131,000*							135
140	57.9	340.0	115,600*	61.7	345.6	126,800*							140
145	56.3	336.7	111,500*	60.2	342.7	122,600*							145
150	54.7	333.2	107,600*	58.7	339.7	118,400*	62.4	343.9	128,200*				150
155	53.1	329.4	103,800*	57.1	336.5	114,400*	60.9	341.1	124,200*				155
160	51.4	325.4	100,000*	55.5	333.0	110,400*	59.4	338.1	120,200*				160
165	49.7	321.2	95,800*	53.9	329.4	106,500*	57.8	335.0	116,300*				165
170	48.0	316.7	91,400*	52.3	325.5	102,700*	56.2	331.6	112,400*				170
175	46.2	312.0	87,300*	50.6	321.4	98,500*	54.7	328.1	108,500*				175
180	44.3	306.9	83,400*	48.9	317.1	93,900*	53.0	324.3	104,700*	56.9	328.9	113,300*	180
185	42.4	301.4	79,800*	47.1	312.5	89,600*	51.4	320.3	100,900*	55.3	325.4	109,600*	185
190	40.4	295.6	76,300*	45.3	307.5	85,600*	49.7	316.1	96,200*	53.7	321.8	106,000*	190
195	38.3	289.4	73,100*	43.4	302.3	81,800*	47.9	311.6	91,800*	52.0	317.9	102,400*	195
200	36.1	282.6	70,000*	41.4	296.6	78,300*	46.1	306.8	87,700*	50.3	313.7	98,200*	200
205	33.8	275.2	67,100*	39.4	290.6	75,000*	44.2	301.7	83,800*	48.6	309.4	93,700*	205
210	31.3	267.2	64,100*	37.2	284.1	71,800*	42.3	296.2	80,200*	46.8	304.7	89,500*	210
215	28.7	258.2	61,200*	35.0	277.0	68,800*	40.3	290.4	76,700*	45.0	299.7	85,500*	215
220	25.8	248.2	58,400*	32.6	269.4	66,000*	38.2	284.1	73,500*	43.1	294.4	81,800*	220
225	22.5	236.6	55,200*	30.0	260.9	63,100*	36.0	277.3	70,400*	41.1	288.7	78,300*	225
230	18.6	222.7	48,900*	27.2	251.4	60,200*	33.7	269.9	67,500*	39.0	282.6	75,000*	230
235	13.7	204.6	42,000*	24.2	240.7	57,500*	31.2	261.9	64,800*	36.9	276.0	71,900*	235
240	5.0	171.7	32,100*	20.6	228.1	54,700*	28.5	252.9	62,000*	34.6	268.9	68,900*	240
245				16.3	212.4	50,400*	25.6	242.8	59,100*	32.2	261.1	66,100*	245
250				10.4	190.1	42,300*	22.3	231.1	56,400*	29.6	252.5	63,400*	250
255							18.4	217.0	53,700*	26.8	242.8	60,600*	255
260							13.4	198.6	50,900*	23.6	231.8	57,900*	260
265							4.0	162.9	39,600*	20.0	218.9	55,100*	265
270										15.6	202.6	52,400*	270
275										9.1	178.1	49,400*	275

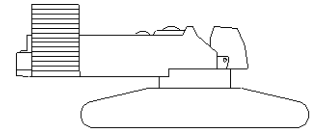


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



140 Ft. Boom, 230 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	71.9	372.9	141,400*										95
100	70.5	371.1	140,200*										100
105	69.2	369.2	138,100*										105
110	67.9	367.1	134,100*										110
115	66.5	365.0	130,000*										115
120	65.1	362.6	125,900*										120
125	63.7	360.2	121,800*	67.2	364.2	132,200*							125
130	62.3	357.5	117,800*	65.8	361.9	128,200*							130
135	60.9	354.8	113,800*	64.4	359.5	124,300*							135
140	59.5	351.8	109,900*	63.0	357.0	120,300*							140
145	58.0	348.7	106,100*	61.6	354.3	116,400*							145
150	56.5	345.4	102,400*	60.2	351.4	112,500*							150
155	55.0	341.9	98,700*	58.7	348.4	108,700*	62.3	352.5	117,700*				155
160	53.4	338.2	95,200*	57.2	345.1	104,900*	60.8	349.7	114,000*				160
165	51.8	334.3	91,700*	55.7	341.7	101,300*	59.4	346.8	110,300*				165
170	50.2	330.1	88,400*	54.2	338.1	97,700*	57.9	343.6	106,700*				170
175	48.6	325.7	85,200*	52.6	334.3	94,200*	56.4	340.3	103,000*				175
180	46.9	321.0	82,000*	51.0	330.3	90,800*	54.9	336.8	99,500*				180
185	45.1	316.1	78,900*	49.4	326.0	87,500*	53.3	333.1	96,000*	57.0	337.6	103,900*	185
190	43.3	310.8	75,700*	47.7	321.5	84,300*	51.8	329.2	92,600*	55.5	334.2	100,500*	190
195	41.4	305.2	72,500*	46.0	316.7	81,200*	50.1	325.0	89,300*	54.0	330.5	97,100*	195
200	39.5	299.2	69,400*	44.2	311.6	77,700*	48.5	320.6	86,100*	52.4	326.7	93,800*	200
205	37.4	292.7	66,500*	42.4	306.1	74,300*	46.8	315.9	82,900*	50.8	322.6	90,600*	205
210	35.3	285.7	63,800*	40.4	300.3	71,200*	45.0	310.9	79,500*	49.1	318.3	87,400*	210
215	33.0	278.2	61,100*	38.5	294.1	68,200*	43.2	305.6	76,100*	47.4	313.7	84,300*	215
220	30.6	269.9	58,400*	36.4	287.4	65,400*	41.3	300.0	72,900*	45.7	308.9	81,100*	220
225	28.0	260.7	55,800*	34.2	280.1	62,700*	39.4	294.0	69,800*	43.9	303.7	77,600*	225
230	25.2	250.4	53,200*	31.8	272.2	60,200*	37.3	287.5	66,900*	42.1	298.2	74,300*	230
235	22.0	238.5	50,000*	29.3	263.5	57,500*	35.2	280.5	64,200*	40.1	292.3	71,200*	235
240	18.2	224.3	44,200*	26.6	253.8	54,900*	32.9	272.9	61,600*	38.1	286.0	68,300*	240
245	13.4	205.7	37,800*	23.6	242.7	52,400*	30.5	264.5	59,100*	36.0	279.2	65,500*	245
250	4.9	172.0	28,600*	20.2	229.8	49,900*	27.9	255.3	56,500*	33.8	271.9	62,800*	250
255				16.0	213.8	45,700*	25.0	244.9	53,900*	31.5	263.9	60,300*	255
260				10.1	190.9	38,200*	21.8	233.0	51,400*	28.9	255.0	57,900*	260
265							18.0	218.6	48,900*	26.2	245.1	55,300*	265
270							13.1	199.7	46,400*	23.1	233.8	52,800*	270
275							3.9	163.2	35,800*	19.6	220.5	50,300*	275
280										15.2	203.8	47,800*	280
285										8.9	178.8	45,100*	285

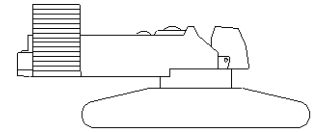


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



140 Ft. Boom, 240 Ft. Luffing Jib

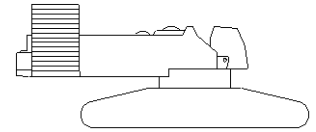
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	72.6	383.4	131,600*										95
100	71.4	381.7	130,400*										100
105	70.1	379.9	129,300*										105
110	68.8	378.0	127,300*										110
115	67.5	375.9	123,400*										115
120	66.2	373.7	119,400*										120
125	64.9	371.3	115,400*										125
130	63.6	368.9	111,700*	66.9	372.9	121,600*							130
135	62.2	366.2	107,800*	65.6	370.6	117,700*							135
140	60.9	363.4	103,900*	64.2	368.2	113,900*							140
145	59.5	360.5	100,200*	62.9	365.6	110,100*							145
150	58.1	357.4	96,600*	61.5	362.9	106,400*							150
155	56.6	354.1	93,100*	60.2	360.0	102,600*							155
160	55.2	350.6	89,700*	58.8	357.0	99,000*	62.2	361.2	107,600*				160
165	53.7	346.9	86,300*	57.4	353.8	95,400*	60.8	358.4	104,100*				165
170	52.2	343.1	83,000*	55.9	350.4	92,000*	59.4	355.4	100,500*				170
175	50.7	339.0	79,900*	54.4	346.9	88,600*	58.0	352.3	97,100*				175
180	49.1	334.7	76,800*	53.0	343.1	85,300*	56.6	349.0	93,600*				180
185	47.5	330.1	73,900*	51.4	339.1	82,100*	55.1	345.5	90,300*				185
190	45.8	325.2	71,000*	49.9	334.9	78,900*	53.6	341.9	87,000*	57.1	346.3	94,400*	190
195	44.1	320.1	68,200*	48.3	330.5	75,900*	52.1	338.0	83,800*	55.7	342.9	91,200*	195
200	42.3	314.7	65,500*	46.6	325.8	73,000*	50.6	333.9	80,700*	54.2	339.3	88,000*	200
205	40.5	308.9	63,000*	44.9	320.8	70,200*	49.0	329.5	77,600*	52.7	335.5	84,900*	205
210	38.6	302.6	60,500*	43.2	315.5	67,400*	47.4	325.0	74,700*	51.2	331.5	81,800*	210
215	36.6	296.0	58,000*	41.4	309.9	64,800*	45.7	320.1	71,800*	49.6	327.2	78,800*	215
220	34.5	288.8	55,700*	39.5	303.9	62,200*	44.0	315.0	69,000*	48.0	322.7	75,900*	220
225	32.3	281.0	53,500*	37.6	297.4	59,800*	42.2	309.5	66,400*	46.4	318.0	73,000*	225
230	30.0	272.5	51,300*	35.6	290.5	57,400*	40.4	303.6	63,800*	44.7	313.0	70,300*	230
235	27.4	263.1	49,300*	33.4	283.1	55,100*	38.5	297.4	61,300*	42.9	307.6	67,600*	235
240	24.6	252.5	47,300*	31.1	274.9	52,900*	36.5	290.7	58,800*	41.1	301.9	65,000*	240
245	21.5	240.4	45,100*	28.7	266.0	50,800*	34.4	283.5	56,500*	39.2	295.9	62,500*	245
250	17.8	225.8	39,800*	26.0	256.0	48,700*	32.2	275.7	54,300*	37.3	289.4	60,100*	250
255	13.1	206.8	33,800*	23.1	244.7	46,700*	29.8	267.2	52,100*	35.2	282.4	57,700*	255
260	4.8	172.4	25,200*	19.7	231.5	44,900*	27.3	257.7	50,000*	33.1	274.8	55,400*	260
265				15.6	215.1	41,300*	24.5	247.1	48,000*	30.8	266.6	53,300*	265
270				9.9	191.7	34,300*	21.3	234.8	46,100*	28.3	257.5	51,200*	270
275							17.6	220.1	44,400*	25.6	247.3	49,100*	275
280							12.8	200.7	42,000*	22.6	235.8	47,100*	280
285							3.8	163.4	32,100*	19.1	222.2	45,300*	285
290										14.9	205.1	43,300*	290
295										8.7	179.5	40,800*	295

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



160 Ft. Boom, 70 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	
50	69.1	239.5	545,800*b										50
55	64.6	237.1	472,200*b										55
60	59.9	234.2	405,100*										60
65	54.9	230.7	353,900*										65
70	49.5	226.5	313,400*	63.9	234.6	405,800*b							70
75	43.7	221.4	280,600*	59.1	231.6	376,700*							75
80	37.0	214.9	253,300*	54.1	228.0	347,600*							80
85	29.0	206.5	230,200*	48.6	223.6	308,500*	62.9	230.6	316,100*				85
90	17.4	193.3	197,000*	42.7	218.3	276,700*	58.1	227.5	297,100*				90
95				35.8	211.6	250,100*	53.0	223.8	280,000*				95
100				27.5	202.7	227,500*	47.5	219.2	263,600				100
105				14.7	187.9	199,800*	41.3	213.7	247,800	56.7	222.0	236,600	105
110							34.3	206.7	233,500	51.5	218.0	223,100	110
115							25.4	197.0	220,500	45.8	213.3	210,900	115
120							9.7	178.6	196,200*	39.5	207.4	199,800	120
125										32.1	199.8	189,600	125
130										22.3	189.0	180,100	130

160 Ft. Boom, 80 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	
50	71.9	250.3	510,100*b										50
55	68.0	248.2	491,400*b										55
60	64.0	245.8	421,600*										60
65	59.9	242.9	368,400*										65
70	55.6	239.5	326,400*	67.4	245.7	404,900*b							70
75	51.0	235.4	292,400*	63.4	243.2	375,900*							75
80	46.0	230.7	264,300*	59.2	240.2	350,600*							80
85	40.6	225.0	240,600*	54.8	236.7	321,200*							85
90	34.4	217.9	220,200*	50.2	232.6	288,300*	62.5	239.3	296,100*				90
95	26.9	208.7	202,500*	45.2	227.7	260,900*	58.3	236.2	279,200*				95
100	16.1	194.6	177,900*	39.7	221.8	237,800*	53.9	232.6	263,000				100
105				33.3	214.5	217,900*	49.2	228.3	247,300				105
110				25.5	204.8	200,500*	44.1	223.2	233,200	57.1	230.7	222,300	110
115				13.6	188.9	181,600*	38.4	217.1	220,500	52.6	226.9	210,200	115
120							31.9	209.4	208,800	47.8	222.4	199,300	120
125							23.6	199.0	197,800*	42.6	217.1	189,200	125
130							8.9	179.2	179,400*	36.7	210.6	180,000	130
135										29.8	202.3	171,400	135
140										20.7	190.6	163,400	140

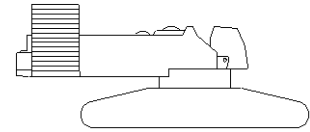


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



160 Ft. Boom, 90 Ft. Luffing Jib

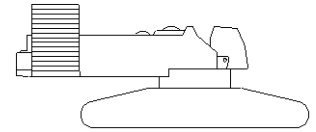
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	70.6	259.1	476,200* ^b										55
60	67.1	256.9	433,000*										60
65	63.6	254.4	378,500*										65
70	59.9	251.5	335,500*										70
75	56.1	248.2	300,700*	66.6	254.4	375,400*							75
80	52.0	244.3	272,000*	63.0	251.9	350,100*							80
85	47.8	239.8	247,800*	59.3	248.9	327,800*							85
90	43.1	234.6	227,200*	55.4	245.5	296,400*							90
95	38.1	228.3	209,300*	51.4	241.5	268,500*	62.3	247.9	278,600*				95
100	32.3	220.7	193,600*	47.1	236.9	244,900*	58.5	244.9	262,600				100
105	25.2	210.9	179,600*	42.4	231.5	224,800*	54.6	241.3	247,000				105
110	15.1	195.7	162,300*	37.2	225.1	207,300*	50.5	237.2	233,000				110
115				31.3	217.2	191,900*	46.1	232.5	220,300	57.5	239.4	209,700	115
120				23.9	206.8	178,200*	41.4	226.9	208,900	53.5	235.7	198,800	120
125				12.7	189.9	165,400*	36.0	220.2	198,300	49.3	231.4	188,900	125
130							29.9	212.0	188,700	44.9	226.5	179,800	130
135							22.1	200.8	176,100*	40.0	220.6	171,400	135
140							8.3	179.7	163,300*	34.5	213.6	163,600	140
145										28.0	204.7	156,300	145
150										19.4	192.2	149,400	150

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



160 Ft. Boom, 100 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	72.6	269.7	445,600* ^b										55
60	69.6	267.8	439,800*										60
65	66.4	265.6	386,600*										65
70	63.2	263.1	342,600*										70
75	59.9	260.2	307,000*										75
80	56.5	256.9	277,700*	65.9	263.1	349,200*							80
85	52.9	253.1	253,100*	62.7	260.5	327,000*							85
90	49.1	248.8	232,100*	59.4	257.6	302,600*							90
95	45.1	243.9	213,900*	55.9	254.2	274,100*							95
100	40.8	238.2	198,100*	52.3	250.4	250,100*	62.0	256.6	261,700				100
105	36.0	231.5	184,100*	48.5	246.0	229,600*	58.7	253.6	246,200				105
110	30.5	223.4	171,600*	44.4	240.9	211,800*	55.2	250.1	232,200				110
115	23.8	212.9	160,300*	40.0	235.1	196,300*	51.5	246.1	219,700				115
120	14.2	196.8	145,300*	35.1	228.2	182,600*	47.7	241.6	208,200	57.7	248.1	197,900	120
125				29.5	219.7	170,300*	43.6	236.4	197,800	54.2	244.5	188,100	125
130				22.6	208.7	159,100*	39.1	230.4	188,300	50.5	240.4	179,000	130
135				11.9	190.8	148,600*	34.1	223.2	179,500	46.6	235.7	170,700	135
140							28.2	214.4	168,400*	42.4	230.3	163,000	140
145							20.9	202.5	157,500*	37.7	224.0	155,800	145
150							7.7	180.2	146,900*	32.5	216.4	149,200	150
155										26.4	206.9	142,900	155
160										18.3	193.7	136,900	160

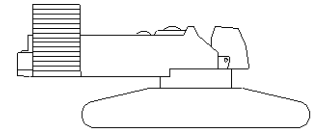


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



160 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	71.5	278.5	362,200*										60
65	68.7	276.6	347,300*										65
70	65.9	274.3	333,200*										70
75	62.9	271.8	311,300*										75
80	59.9	268.9	281,600*										80
85	56.8	265.6	256,700*	65.4	271.8	326,400*							85
90	53.6	261.9	235,400*	62.5	269.2	306,700*							90
95	50.2	257.8	217,100*	59.4	266.2	277,900*							95
100	46.6	253.1	201,100*	56.3	262.9	253,600*							100
105	42.8	247.8	187,100*	53.1	259.2	232,900*	61.8	265.2	245,600				105
110	38.7	241.7	174,600*	49.6	254.9	215,000*	58.8	262.2	231,700				110
115	34.2	234.5	163,300*	46.0	250.2	199,300*	55.6	258.8	219,200				115
120	29.0	225.9	153,200*	42.2	244.7	185,500*	52.4	255.0	207,800				120
125	22.6	214.8	143,800*	38.0	238.5	173,200*	48.9	250.6	197,500	57.9	256.7	187,500	125
130	13.5	197.9	127,600*	33.4	231.1	162,200*	45.3	245.7	188,000	54.8	253.2	178,500	130
135				28.0	222.2	152,200*	41.4	240.1	179,200	51.4	249.3	170,200	135
140				21.4	210.5	143,000*	37.1	233.7	171,200	47.9	244.8	162,500	140
145				11.3	191.6	131,400*	32.4	226.1	160,500*	44.2	239.7	155,500	145
150							26.8	216.7	150,700*	40.2	233.9	148,900	150
155							19.8	204.2	141,600*	35.9	227.1	142,700	155
160							7.3	180.7	131,200*	30.9	219.1	137,000	160
165										25.1	209.1	131,500	165
170										17.4	195.1	126,300	170

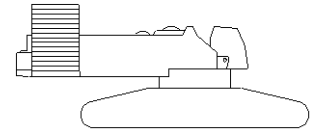


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



160 Ft. Boom, 120 Ft. Luffing Jib

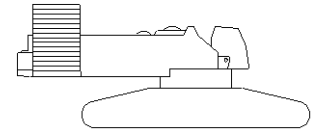
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	70.6	287.3	335,800*										65
70	68.0	285.3	321,700*										70
75	65.4	283.0	308,500*										75
80	62.7	280.4	285,000*										80
85	59.9	277.5	259,700*	67.6	282.8	321,000*							85
90	57.1	274.3	238,200*	64.9	280.5	305,800*							90
95	54.1	270.7	219,600*	62.3	277.9	281,200*							95
100	51.1	266.7	203,400*	59.5	274.9	256,600*							100
105	47.9	262.2	189,200*	56.6	271.6	235,600*							105
110	44.5	257.1	176,600*	53.7	267.9	217,400*	61.7	273.9	230,800				110
115	40.9	251.4	165,300*	50.6	263.9	201,600*	58.9	270.9	218,300				115
120	36.9	244.9	155,200*	47.3	259.3	187,600*	56.0	267.5	207,000				120
125	32.6	237.4	145,900*	43.9	254.1	175,200*	53.0	263.8	196,700				125
130	27.6	228.2	137,500*	40.3	248.3	164,100*	49.9	259.6	187,200				130
135	21.6	216.6	129,600*	36.3	241.7	154,100*	46.7	254.9	178,500	55.2	262.0	169,300	135
140	12.8	198.9	112,700*	31.9	233.9	145,000*	43.2	249.6	170,500	52.2	258.1	161,700	140
145				26.8	224.4	136,700*	39.5	243.7	162,400*	49.0	253.8	154,600	145
150				20.5	212.2	128,900*	35.4	236.8	152,600*	45.7	248.9	148,100	150
155				10.7	192.4	116,500*	30.9	228.7	143,700*	42.2	243.5	142,000	155
160							25.6	218.9	135,500*	38.4	237.3	136,300	160
165							18.9	205.7	127,900*	34.2	230.1	131,000	165
170							6.9	181.1	116,700*	29.5	221.7	125,900	170
175										23.9	211.1	121,200	175
180										16.5	196.4	116,500	180

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



160 Ft. Boom, 130 Ft. Luffing Jib

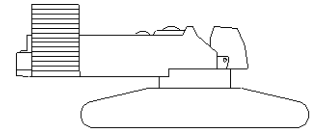
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	72.1	298.0	327,800*										65
70	69.8	296.1	314,100*										70
75	67.4	294.0	301,000*										75
80	65.0	291.7	288,500*										80
85	62.5	289.1	262,900*										85
90	59.9	286.2	241,200*	67.0	291.5	300,600*							90
95	57.3	283.0	222,500*	64.6	289.2	284,600*							95
100	54.6	279.4	206,200*	62.1	286.5	259,800*							100
105	51.8	275.5	191,800*	59.5	283.6	238,500*							105
110	48.9	271.2	179,100*	56.9	280.3	220,200*							110
115	45.8	266.4	167,800*	54.2	276.7	204,300*	61.6	282.6	218,300				115
120	42.6	261.0	157,600*	51.4	272.7	190,200*	59.0	279.5	207,000				120
125	39.1	254.9	148,300*	48.4	268.3	177,700*	56.3	276.2	196,700				125
130	35.4	248.1	139,900*	45.3	263.4	166,600*	53.6	272.5	187,300				130
135	31.2	240.1	132,200*	42.1	258.0	156,500*	50.8	268.5	178,600				135
140	26.5	230.5	125,100*	38.6	251.8	147,400*	47.8	264.0	170,700	55.6	270.7	161,700	140
145	20.7	218.3	118,400*	34.8	244.7	139,100*	44.7	259.0	163,300	52.8	266.9	154,700	145
150	12.2	199.9	99,900*	30.5	236.6	131,500*	41.4	253.4	155,000*	50.0	262.7	148,200	150
155				25.7	226.6	124,500*	37.8	247.1	146,100*	47.0	258.1	142,100	155
160				19.6	213.9	117,800*	33.9	239.8	137,900*	43.8	252.9	136,500	160
165				10.2	193.2	103,500*	29.6	231.3	130,400*	40.4	247.1	131,200	165
170							24.5	220.9	123,500*	36.8	240.6	126,200	170
175							18.1	207.2	117,000*	32.8	233.0	121,500	175
180							6.6	181.6	104,000*	28.3	224.1	117,000	180
185										22.9	213.0	112,800	185
190										15.8	197.7	108,700	190

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



160 Ft. Boom, 140 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	71.3	306.8	301,500*										70
75	69.1	304.9	288,900*										75
80	66.9	302.7	276,900*										80
85	64.6	300.4	264,300*										85
90	62.3	297.7	242,300*										90
95	59.9	294.8	223,400*	66.5	300.2	276,400*							95
100	57.5	291.7	207,000*	64.2	297.8	261,000*							100
105	55.0	288.2	192,500*	61.9	295.2	239,600*							105
110	52.4	284.3	179,800*	59.6	292.2	221,100*							110
115	49.8	280.1	168,300*	57.1	289.0	205,000*							115
120	47.0	275.5	158,100*	54.6	285.5	190,900*	61.4	291.2	206,100				120
125	44.0	270.4	148,800*	52.0	281.6	178,300*	59.1	288.2	195,900				125
130	40.9	264.7	140,400*	49.3	277.3	167,100*	56.6	284.9	186,500				130
135	37.6	258.3	132,700*	46.5	272.6	157,000*	54.1	281.3	177,800				135
140	34.0	251.1	125,600*	43.6	267.4	147,900*	51.5	277.4	169,900				140
145	30.0	242.7	119,100*	40.4	261.6	139,600*	48.8	273.0	162,500	55.9	279.4	153,700	145
150	25.5	232.7	113,000*	37.1	255.1	132,000*	45.9	268.2	155,400*	53.4	275.7	147,300	150
155	19.9	220.0	107,200*	33.4	247.7	125,000*	42.9	262.9	146,500*	50.7	271.6	141,300	155
160	11.8	200.8	90,400*	29.4	239.1	118,500*	39.8	256.9	138,300*	48.0	267.1	135,600	160
165				24.7	228.8	112,500*	36.4	250.3	130,900*	45.1	262.2	130,400	165
170				18.8	215.4	106,800*	32.6	242.7	124,000*	42.1	256.7	125,500	170
175				9.8	194.0	93,900*	28.4	233.8	117,600*	38.8	250.6	120,800	175
180							23.6	223.0	111,700*	35.4	243.7	116,400	180
185							17.4	208.7	106,000*	31.5	235.8	112,300	185
190							6.3	182.0	94,700*	27.2	226.4	108,300	190
195										22.0	214.9	104,500	195
200										15.2	199.0	100,900	200

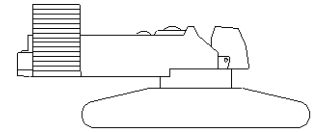


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



160 Ft. Boom, 150 Ft. Luffing Jib

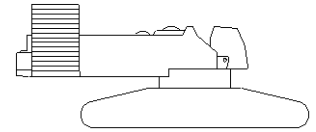
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	72.6	317.4	259,500*										70
75	70.6	315.6	251,700*										75
80	68.5	313.6	244,000*										80
85	66.4	311.5	236,700*										85
90	64.3	309.0	229,500*										90
95	62.1	306.4	222,400*										95
100	59.9	303.5	208,000*	66.1	309.0	236,800*							100
105	57.7	300.3	193,400*	64.0	306.5	230,100*							105
110	55.4	296.9	180,600*	61.8	303.8	222,100*							110
115	53.0	293.1	169,100*	59.6	300.9	206,000*							115
120	50.5	289.0	158,800*	57.3	297.7	191,700*							120
125	47.9	284.5	149,500*	55.0	294.2	179,100*	61.3	299.9	195,200				125
130	45.3	279.6	141,100*	52.6	290.4	167,800*	59.1	296.9	185,800				130
135	42.4	274.2	133,400*	50.1	286.2	157,700*	56.8	293.6	177,200				135
140	39.5	268.2	126,300*	47.5	281.7	148,500*	54.5	290.1	169,300				140
145	36.3	261.5	119,800*	44.8	276.7	140,200*	52.1	286.2	162,000				145
150	32.8	253.9	113,700*	42.0	271.2	132,600*	49.6	281.9	155,200	56.2	288.1	146,600	150
155	29.0	245.2	108,100*	39.0	265.1	125,600*	47.0	277.3	147,100*	53.8	284.5	140,600	155
160	24.5	234.8	102,900*	35.7	258.3	119,200*	44.2	272.2	139,000*	51.4	280.5	135,000	160
165	19.1	221.6	96,600*	32.2	250.5	113,200*	41.4	266.6	131,500*	48.9	276.1	129,800	165
170	11.3	201.7	80,300*	28.3	241.6	107,700*	38.3	260.4	124,700*	46.2	271.4	124,900	170
175				23.8	230.8	102,500*	35.0	253.4	118,300*	43.5	266.2	120,200	175
180				18.1	216.9	97,500*	31.5	245.4	112,500*	40.6	260.4	115,900	180
185				9.4	194.7	83,800*	27.4	236.1	107,000*	37.4	254.0	111,800	185
190							22.7	224.9	101,800*	34.1	246.7	107,900	190
195							16.7	210.1	96,900*	30.4	238.4	104,200	195
200							6.0	182.4	84,700*	26.2	228.7	100,700	200
205										21.2	216.7	97,300	205
210										14.6	200.2	94,000	210

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



160 Ft. Boom, 160 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	71.8	326.2	242,500*										75
80	69.9	324.4	234,900*										80
85	68.0	322.4	227,500*										85
90	66.0	320.2	220,400*										90
95	64.0	317.7	213,400*										95
100	62.0	315.1	206,600*	67.7	319.9	227,200*							100
105	59.9	312.2	193,100*	65.7	317.6	220,500*							105
110	57.8	309.0	180,300*	63.7	315.2	213,800*							110
115	55.7	305.6	168,800*	61.7	312.5	205,600*							115
120	53.4	301.9	158,500*	59.6	309.5	191,400*							120
125	51.1	297.9	149,200*	57.5	306.4	178,700*							125
130	48.8	293.5	140,800*	55.3	302.9	167,500*	61.3	308.5	184,900				130
135	46.3	288.8	133,100*	53.1	299.2	157,300*	59.2	305.5	176,300				135
140	43.7	283.6	126,000*	50.8	295.1	148,200*	57.0	302.3	168,400				140
145	41.0	277.9	119,500*	48.4	290.7	139,900*	54.9	298.8	161,100				145
150	38.1	271.6	113,500*	45.9	285.9	132,300*	52.6	295.0	154,300				150
155	35.0	264.6	107,900*	43.3	280.6	125,300*	50.3	290.9	146,800*	56.4	296.8	139,700	155
160	31.7	256.7	102,800*	40.6	274.8	118,900*	47.9	286.4	138,600*	54.2	293.2	134,100	160
165	28.0	247.6	97,900*	37.7	268.5	113,000*	45.4	281.5	131,200*	52.0	289.3	128,900	165
170	23.7	236.8	93,300*	34.5	261.3	107,500*	42.7	276.1	124,300*	49.6	285.1	124,000	170
175	18.5	223.1	87,400*	31.1	253.2	102,400*	40.0	270.2	118,000*	47.2	280.5	119,400	175
180	10.9	202.6	72,800*	27.4	243.9	97,500*	37.0	263.7	112,200*	44.7	275.5	115,100	180
185				23.0	232.8	93,000*	33.9	256.4	106,800*	42.0	270.0	111,000	185
190				17.5	218.4	88,600*	30.4	248.1	101,700*	39.2	263.9	107,200	190
195				9.1	195.4	76,200*	26.5	238.4	96,900*	36.2	257.2	103,500	195
200							22.0	226.8	92,400*	32.9	249.6	100,000	200
205							16.2	211.4	88,100*	29.4	241.0	96,700	205
210							5.8	182.8	77,200*	25.3	230.9	93,500	210
215										20.5	218.4	90,500	215
220										14.1	201.3	87,300*	220

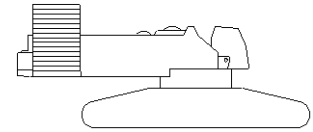


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



160 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	72.9	336.8	234,500*										75
80	71.2	335.1	227,000*										80
85	69.4	333.2	219,700*										85
90	67.5	331.1	212,700*										90
95	65.7	328.9	205,800*										95
100	63.8	326.4	199,100*										100
105	61.9	323.7	192,500*	67.2	328.6	212,300*							105
110	59.9	320.8	181,000*	65.4	326.4	205,800*							110
115	58.0	317.7	169,500*	63.5	323.9	199,500*							115
120	55.9	314.3	159,200*	61.6	321.1	192,100*							120
125	53.8	310.7	149,900*	59.6	318.2	179,500*							125
130	51.7	306.7	141,400*	57.6	315.0	168,200*							130
135	49.5	302.5	133,700*	55.6	311.6	158,000*	61.2	317.2	176,200				135
140	47.2	297.9	126,600*	53.5	307.9	148,800*	59.2	314.2	168,300				140
145	44.8	292.9	120,100*	51.4	304.0	140,500*	57.2	311.0	161,000				145
150	42.3	287.4	114,100*	49.1	299.6	132,900*	55.2	307.5	154,200				150
155	39.7	281.5	108,600*	46.8	295.0	125,900*	53.1	303.8	147,400*				155
160	36.9	274.9	103,400*	44.4	289.9	119,500*	50.9	299.7	139,200*	56.7	305.5	133,900	160
165	33.9	267.6	98,600*	41.9	284.4	113,600*	48.7	295.4	131,700*	54.6	302.0	128,700	165
170	30.7	259.4	94,100*	39.3	278.4	108,100*	46.3	290.6	124,900*	52.5	298.1	123,900	170
175	27.1	250.0	89,800*	36.5	271.7	103,000*	43.9	285.5	118,600*	50.3	294.0	119,300	175
180	23.0	238.8	85,800*	33.4	264.3	98,200*	41.4	279.8	112,800*	48.0	289.5	115,000	180
185	17.9	224.6	78,700*	30.2	255.9	93,800*	38.7	273.7	107,400*	45.7	284.7	110,900	185
190	10.6	203.4	65,600*	26.5	246.2	89,500*	35.9	266.9	102,300*	43.2	279.4	107,100	190
195				22.2	234.7	85,500*	32.8	259.3	97,600*	40.7	273.6	103,400	195
200				17.0	219.8	81,300*	29.4	250.7	93,200*	37.9	267.3	100,000	200
205				8.8	196.1	68,800*	25.7	240.7	89,000*	35.0	260.3	96,700	205
210							21.3	228.6	85,100*	31.9	252.4	93,600	210
215							15.7	212.7	80,900*	28.4	243.5	90,600	215
220							5.6	183.2	70,000*	24.5	233.0	87,700	220
225										19.9	220.1	84,300*	225
230										13.7	202.5	80,100*	230

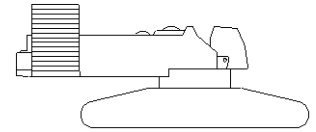


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



160 Ft. Boom, 180 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	72.2	345.7	215,200*										80
85	70.6	343.9	208,800*										85
90	68.9	342.0	201,900*										90
95	67.1	339.9	195,200*										95
100	65.4	337.5	188,700*										100
105	63.6	335.1	182,400*										105
110	61.8	332.4	176,300*	66.8	337.4	194,800*							110
115	60.0	329.5	169,700*	65.1	335.0	188,700*							115
120	58.1	326.4	159,300*	63.3	332.5	182,600*							120
125	56.2	323.0	149,900*	61.5	329.8	176,700*							125
130	54.2	319.4	141,400*	59.7	326.9	168,400*							130
135	52.2	315.6	133,700*	57.8	323.7	158,100*	62.9	328.6	175,300				135
140	50.1	311.4	126,600*	55.9	320.3	148,900*	61.1	325.9	167,400				140
145	48.0	306.9	120,000*	53.9	316.7	140,500*	59.3	322.9	160,100				145
150	45.8	302.1	114,000*	51.9	312.8	132,800*	57.4	319.7	153,400				150
155	43.5	296.8	108,400*	49.8	308.6	125,800*	55.5	316.2	147,100				155
160	41.1	291.1	103,300*	47.6	304.0	119,400*	53.5	312.5	139,200*				160
165	38.5	284.9	98,400*	45.4	299.1	113,400*	51.4	308.6	131,700*	56.9	314.2	127,800	165
170	35.8	278.1	93,900*	43.1	293.8	107,900*	49.3	304.3	124,800*	54.9	310.7	122,900	170
175	32.9	270.5	89,700*	40.7	288.1	102,800*	47.2	299.7	118,400*	52.9	306.9	118,400	175
180	29.8	262.0	85,700*	38.1	281.8	98,000*	44.9	294.7	112,600*	50.9	302.9	114,100	180
185	26.3	252.3	81,900*	35.4	274.8	93,600*	42.6	289.3	107,200*	48.8	298.5	110,100	185
190	22.3	240.7	78,300*	32.5	267.1	89,400*	40.1	283.5	102,100*	46.6	293.8	106,200	190
195	17.4	226.1	71,600*	29.3	258.5	85,400*	37.6	277.0	97,400*	44.3	288.7	102,600	195
200	10.2	204.2	59,600*	25.7	248.4	81,700*	34.8	270.0	93,000*	41.9	283.2	99,200	200
205				21.6	236.5	78,100*	31.8	262.1	88,900*	39.4	277.2	95,900	205
210				16.5	221.2	74,200*	28.6	253.1	85,000*	36.8	270.6	92,800	210
215				8.5	196.7	62,800*	24.9	242.8	81,300*	34.0	263.3	89,900	215
220							20.6	230.3	77,700*	31.0	255.2	87,100	220
225							15.2	214.0	73,900*	27.6	245.9	84,200*	225
230							5.4	183.6	64,000*	23.8	235.1	80,600*	230
235										19.3	221.8	77,100*	235
240										13.3	203.6	73,200*	240

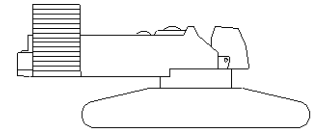


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



160 Ft. Boom, 190 Ft. Luffing Jib

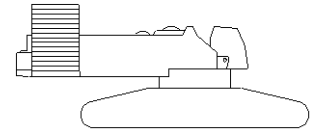
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	71.6	354.5	190,200*										85
90	70.0	352.7	185,400*										90
95	68.4	350.7	180,700*										95
100	66.8	348.6	176,100*										100
105	65.1	346.2	171,600*										105
110	63.4	343.7	166,900*										110
115	61.7	341.0	162,200*	66.5	346.1	176,100*							115
120	60.0	338.1	157,300*	64.8	343.7	171,800*							120
125	58.2	335.0	149,800*	63.1	341.2	167,300*							125
130	56.4	331.7	141,300*	61.4	338.5	162,600*							130
135	54.5	328.2	133,500*	59.7	335.5	158,000*							135
140	52.6	324.4	126,400*	57.9	332.4	148,800*	62.8	337.3	165,500*				140
145	50.7	320.3	119,900*	56.1	329.0	140,400*	61.1	334.5	159,400				145
150	48.7	315.9	113,900*	54.2	325.4	132,700*	59.3	331.5	152,700				150
155	46.6	311.2	108,300*	52.3	321.6	125,700*	57.5	328.4	146,400				155
160	44.5	306.1	103,100*	50.4	317.5	119,200*	55.7	325.0	139,000*				160
165	42.2	300.7	98,300*	48.3	313.0	113,300*	53.8	321.3	131,500*				165
170	39.9	294.7	93,800*	46.3	308.3	107,800*	51.9	317.4	124,600*	57.0	322.9	122,200	170
175	37.4	288.3	89,600*	44.1	303.2	102,700*	50.0	313.2	118,300*	55.2	319.4	117,700	175
180	34.8	281.2	85,600*	41.9	297.6	97,900*	47.9	308.7	112,400*	53.3	315.7	113,400	180
185	32.0	273.4	81,900*	39.5	291.6	93,400*	45.8	303.9	107,000*	51.4	311.7	109,400	185
190	29.0	264.6	78,300*	37.0	285.1	89,300*	43.7	298.7	101,900*	49.4	307.4	105,600	190
195	25.6	254.5	75,000*	34.4	277.9	85,300*	41.4	293.1	97,200*	47.4	302.9	102,000	195
200	21.7	242.6	71,400*	31.5	269.9	81,600*	39.0	287.0	92,900*	45.2	297.9	98,500	200
205	16.9	227.5	63,900*	28.4	260.9	78,100*	36.5	280.3	88,700*	43.0	292.6	95,300	205
210	9.9	205.0	53,100*	25.0	250.6	74,800*	33.8	273.0	84,900*	40.7	286.9	92,200	210
215				21.0	238.3	71,400*	30.9	264.8	81,200*	38.3	280.6	89,300	215
220				16.0	222.5	67,700*	27.8	255.6	77,700*	35.8	273.8	86,500	220
225				8.3	197.4	56,100*	24.2	244.9	74,400*	33.0	266.2	83,800	225
230							20.1	232.1	71,100*	30.1	257.8	80,500*	230
235							14.7	215.2	67,400*	26.8	248.2	77,100*	235
240							5.2	183.9	57,400*	23.1	237.1	73,800*	240
245										18.7	223.4	70,600*	245
250										12.9	204.6	66,800*	250

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



160 Ft. Boom, 200 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	72.6	365.1	181,800*										85
90	71.1	363.4	177,100*										90
95	69.5	361.5	172,400*										95
100	68.0	359.5	167,800*										100
105	66.4	357.3	163,200*										105
110	64.8	354.9	158,800*										110
115	63.2	352.4	154,200*	67.7	357.0	167,400*							115
120	61.6	349.7	149,600*	66.2	354.8	163,100*							120
125	60.0	346.8	145,000*	64.6	352.4	158,800*							125
130	58.3	343.7	140,400*	63.0	349.9	154,500*							130
135	56.6	340.4	132,800*	61.3	347.1	150,000*							135
140	54.8	336.9	125,700*	59.7	344.2	145,400*							140
145	53.0	333.1	119,200*	58.0	341.1	139,600*	62.6	345.9	152,700*				145
150	51.2	329.1	113,200*	56.3	337.7	132,000*	61.0	343.2	148,600*				150
155	49.3	324.8	107,600*	54.5	334.2	125,000*	59.3	340.2	144,400*				155
160	47.3	320.3	102,400*	52.7	330.4	118,500*	57.6	337.0	138,300*				160
165	45.3	315.3	97,600*	50.9	326.3	112,600*	55.9	333.7	130,800*				165
170	43.3	310.1	93,100*	49.0	322.0	107,100*	54.2	330.0	123,900*				170
175	41.1	304.4	88,900*	47.0	317.4	102,000*	52.3	326.2	117,500*	57.2	331.6	116,700	175
180	38.8	298.2	85,000*	45.0	312.4	97,200*	50.5	322.1	111,700*	55.4	328.1	112,500	180
185	36.4	291.5	81,300*	42.9	307.1	92,800*	48.6	317.7	106,300*	53.7	324.5	108,500	185
190	33.9	284.2	77,800*	40.7	301.3	88,600*	46.6	313.0	101,200*	51.8	320.5	104,700	190
195	31.2	276.1	74,500*	38.4	295.1	84,700*	44.6	308.0	96,600*	50.0	316.4	101,100	195
200	28.2	267.0	71,300*	36.0	288.3	81,000*	42.5	302.5	92,200*	48.1	311.9	97,700	200
205	24.9	256.6	68,300*	33.5	280.9	77,600*	40.3	296.7	88,100*	46.1	307.1	94,500	205
210	21.1	244.4	65,000*	30.7	272.6	74,300*	38.0	290.4	84,200*	44.0	301.9	91,400	210
215	16.4	228.9	57,900*	27.7	263.4	71,100*	35.5	283.5	80,600*	41.9	296.4	88,500	215
220	9.6	205.8	48,000*	24.3	252.7	68,200*	32.9	275.9	77,200*	39.6	290.4	85,700	220
225				20.4	240.1	65,000*	30.1	267.4	73,900*	37.3	284.0	83,000	225
230				15.6	223.9	61,700*	27.0	257.9	70,800*	34.8	276.9	79,900*	230
235				8.0	198.0	50,900*	23.6	246.9	67,900*	32.2	269.1	76,500*	235
240							19.5	233.7	64,800*	29.3	260.4	73,300*	240
245							14.3	216.4	61,500*	26.1	250.5	70,300*	245
250							5.0	184.3	52,200*	22.5	239.0	67,300*	250
255										18.2	224.9	64,400*	255
260										12.5	205.6	61,000*	260

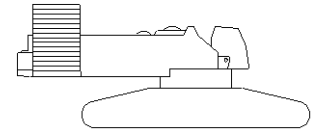


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



160 Ft. Boom, 210 Ft. Luffing Jib

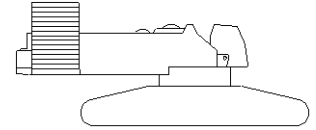
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	72.0	374.0	168,400*										90
95	70.6	372.2	165,000*										95
100	69.1	370.3	160,400*										100
105	67.6	368.2	155,900*										105
110	66.1	366.0	151,500*										110
115	64.6	363.6	147,100*										115
120	63.1	361.1	142,700*	67.4	365.7	155,500*							120
125	61.5	358.4	138,300*	65.9	363.5	151,300*							125
130	60.0	355.5	133,900*	64.4	361.1	147,100*							130
135	58.4	352.4	129,600*	62.8	358.5	142,900*							135
140	56.7	349.1	125,200*	61.3	355.8	138,600*							140
145	55.1	345.6	119,000*	59.7	352.9	134,300*							145
150	53.4	341.9	113,000*	58.1	349.7	130,000*	62.5	354.6	141,200*				150
155	51.6	338.0	107,500*	56.5	346.4	124,800*	61.0	351.8	137,300*				155
160	49.8	333.7	102,300*	54.8	342.9	118,300*	59.4	348.9	133,200*				160
165	48.0	329.3	97,500*	53.1	339.2	112,400*	57.8	345.7	129,100*				165
170	46.1	324.5	93,000*	51.3	335.2	106,900*	56.1	342.4	123,700*				170
175	44.2	319.4	88,800*	49.6	330.9	101,800*	54.4	338.8	117,300*				175
180	42.1	313.9	84,900*	47.7	326.4	97,100*	52.7	335.0	111,500*	57.3	340.2	112,200	180
185	40.0	308.0	81,200*	45.8	321.6	92,600*	51.0	331.0	106,100*	55.7	336.8	108,200	185
190	37.8	301.6	77,700*	43.9	316.4	88,500*	49.2	326.6	101,100*	54.0	333.2	104,400	190
195	35.5	294.7	74,400*	41.8	310.9	84,600*	47.3	322.1	96,400*	52.3	329.3	100,900	195
200	33.0	287.1	71,300*	39.7	304.9	80,900*	45.4	317.2	92,000*	50.5	325.2	97,500	200
205	30.4	278.8	68,300*	37.5	298.4	77,500*	43.4	311.9	87,900*	48.7	320.9	94,200	205
210	27.5	269.4	65,500*	35.1	291.4	74,200*	41.4	306.3	84,100*	46.8	316.2	91,200	210
215	24.3	258.7	62,800*	32.6	283.7	71,100*	39.2	300.2	80,500*	44.9	311.2	88,300	215
220	20.6	246.1	59,800*	29.9	275.2	68,200*	37.0	293.7	77,100*	42.9	305.8	85,500	220
225	16.0	230.2	53,100*	27.0	265.7	65,400*	34.6	286.5	73,800*	40.8	300.1	82,900	225
230	9.4	206.5	43,900*	23.7	254.8	62,700*	32.1	278.7	70,800*	38.6	293.9	79,800*	230
235				19.9	241.7	59,800*	29.3	270.0	67,900*	36.4	287.2	76,400*	235
240				15.2	225.1	56,800*	26.3	260.2	65,100*	33.9	279.9	73,200*	240
245				7.8	198.6	46,800*	23.0	248.9	62,400*	31.3	271.8	70,200*	245
250							19.0	235.3	59,700*	28.5	262.9	67,400*	250
255							14.0	217.6	56,600*	25.5	252.7	64,600*	255
260							4.9	184.6	48,100*	22.0	240.9	62,000*	260
265										17.8	226.4	59,200*	265
270										12.2	206.7	56,200*	270

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



160 Ft. Boom, 220 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	72.8	384.5	156,000*										90
95	71.5	382.8	154,600*										95
100	70.1	381.0	150,200*										100
105	68.7	379.0	145,800*										105
110	67.3	376.9	141,500*										110
115	65.9	374.7	137,200*										115
120	64.4	372.3	133,100*										120
125	62.9	369.7	128,800*	67.1	374.5	141,100*							125
130	61.5	367.0	124,700*	65.6	372.2	137,100*							130
135	60.0	364.1	120,500*	64.2	369.8	133,000*							135
140	58.4	361.1	116,500*	62.7	367.2	128,900*							140
145	56.9	357.8	112,500*	61.2	364.4	124,800*							145
150	55.3	354.3	108,600*	59.7	361.5	120,800*							150
155	53.7	350.7	104,800*	58.2	358.4	116,700*	62.4	363.3	127,500*				155
160	52.0	346.8	101,100*	56.6	355.1	112,800*	60.9	360.5	123,600*				160
165	50.3	342.6	97,500*	55.0	351.6	108,900*	59.4	357.5	119,800*				165
170	48.6	338.2	92,900*	53.4	347.9	105,100*	57.9	354.4	115,900*				170
175	46.8	333.6	88,700*	51.8	344.0	101,400*	56.3	351.1	112,100*				175
180	45.0	328.6	84,700*	50.1	339.8	97,000*	54.7	347.5	108,400*				180
185	43.1	323.3	81,000*	48.3	335.4	92,500*	53.1	343.8	104,700*	57.4	348.9	107,300	185
190	41.1	317.6	77,500*	46.5	330.7	88,400*	51.4	339.8	101,100*	55.9	345.5	103,500	190
195	39.1	311.5	74,200*	44.7	325.6	84,400*	49.7	335.6	96,300*	54.3	341.9	99,900	195
200	36.9	304.9	71,100*	42.8	320.3	80,700*	48.0	331.1	91,900*	52.6	338.1	96,500	200
205	34.6	297.8	68,100*	40.8	314.5	77,300*	46.2	326.3	87,800*	51.0	334.1	93,300	205
210	32.2	290.0	65,300*	38.7	308.4	74,000*	44.3	321.2	83,900*	49.2	329.8	90,300	210
215	29.6	281.4	62,600*	36.6	301.7	70,900*	42.4	315.8	80,300*	47.5	325.2	87,400	215
220	26.8	271.8	60,000*	34.3	294.5	67,900*	40.4	309.9	76,800*	45.7	320.4	84,600	220
225	23.7	260.8	57,300*	31.8	286.6	65,100*	38.3	303.7	73,600*	43.8	315.2	82,000	225
230	20.1	247.9	54,300*	29.2	277.8	62,500*	36.1	296.9	70,500*	41.8	309.6	79,500	230
235	15.6	231.6	47,300*	26.3	268.0	59,900*	33.8	289.5	67,600*	39.8	303.7	76,200*	235
240	9.2	207.3	38,900*	23.1	256.8	57,300*	31.3	281.5	64,800*	37.7	297.3	73,000*	240
245				19.4	243.4	54,600*	28.6	272.5	62,200*	35.5	290.4	70,000*	245
250				14.8	226.4	51,100*	25.7	262.5	59,700*	33.1	282.8	67,100*	250
255				7.6	199.2	41,600*	22.4	250.9	57,200*	30.6	274.5	64,400*	255
260							18.6	236.9	54,400*	27.9	265.3	61,800*	260
265							13.6	218.7	51,600*	24.8	254.9	59,300*	265
270							4.8	185.0	43,000*	21.4	242.7	56,800*	270
275										17.3	227.9	54,100*	275
280										11.9	207.6	51,200*	280

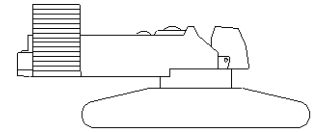


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



160 Ft. Boom, 230 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	72.3	393.4	138,700*										95
100	71.0	391.6	137,500*										100
105	69.7	389.8	136,400*										105
110	68.3	387.8	134,100*										110
115	67.0	385.7	130,200*										115
120	65.6	383.4	126,200*										120
125	64.2	381.0	122,300*										125
130	62.8	378.4	118,300*	66.8	383.2	129,800*							130
135	61.4	375.7	114,500*	65.4	380.9	126,000*							135
140	60.0	372.8	110,700*	64.0	378.5	122,200*							140
145	58.5	369.7	107,000*	62.6	375.9	118,400*							145
150	57.0	366.5	103,300*	61.2	373.1	114,600*							150
155	55.5	363.0	99,700*	59.7	370.2	110,800*							155
160	54.0	359.4	96,200*	58.3	367.1	107,100*	62.3	371.9	117,000*				160
165	52.4	355.6	92,700*	56.8	363.8	103,500*	60.9	369.1	113,500*				165
170	50.8	351.5	89,400*	55.3	360.4	99,900*	59.4	366.2	109,900*				170
175	49.1	347.2	86,200*	53.7	356.7	96,400*	58.0	363.1	106,400*				175
180	47.5	342.6	83,000*	52.1	352.8	93,000*	56.5	359.7	102,800*				180
185	45.7	337.8	80,000*	50.5	348.7	89,700*	54.9	356.2	99,400*				185
190	43.9	332.6	76,900*	48.9	344.4	86,400*	53.4	352.5	96,000*	57.6	357.6	102,800	190
195	42.1	327.1	73,600*	47.2	339.7	83,300*	51.8	348.6	92,600*	56.1	354.2	99,200	195
200	40.2	321.2	70,500*	45.4	334.9	80,100*	50.2	344.5	89,400*	54.5	350.7	95,800	200
205	38.2	314.9	67,500*	43.6	329.6	76,600*	48.5	340.1	86,200*	53.0	346.9	92,600	205
210	36.1	308.1	64,700*	41.8	324.1	73,400*	46.8	335.4	83,000*	51.4	342.9	89,600	210
215	33.8	300.8	62,100*	39.8	318.1	70,300*	45.1	330.4	79,600*	49.7	338.7	86,700	215
220	31.5	292.8	59,500*	37.8	311.8	67,300*	43.3	325.1	76,200*	48.1	334.2	84,000	220
225	29.0	283.9	57,100*	35.7	304.9	64,600*	41.4	319.5	73,000*	46.4	329.5	81,300	225
230	26.2	274.1	54,800*	33.5	297.4	61,900*	39.4	313.5	69,900*	44.6	324.4	78,800	230
235	23.1	262.8	52,200*	31.1	289.3	59,400*	37.4	307.0	67,000*	42.8	319.1	75,500*	235
240	19.6	249.5	49,300*	28.5	280.3	57,000*	35.3	300.0	64,300*	40.9	313.3	72,400*	240
245	15.3	232.9	42,900*	25.7	270.2	54,700*	33.0	292.5	61,700*	38.9	307.2	69,300*	245
250	8.9	208.0	35,000*	22.6	258.7	52,300*	30.6	284.2	59,200*	36.8	300.6	66,500*	250
255				19.0	245.0	49,800*	28.0	275.0	56,800*	34.7	293.5	63,800*	255
260				14.5	227.6	46,500*	25.1	264.6	54,500*	32.4	285.7	61,200*	260
265				7.4	199.8	37,700*	21.9	252.7	52,200*	29.9	277.2	58,700*	265
270							18.1	238.5	49,700*	27.2	267.7	56,400*	270
275							13.3	219.8	47,100*	24.3	257.0	54,100*	275
280							4.6	185.3	39,000*	20.9	244.5	51,900*	280
285										16.9	229.3	49,400*	285
290										11.6	208.6	46,700*	290

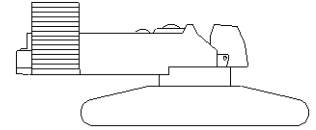


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



160 Ft. Boom, 240 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	71.8	402.2	128,000*										100
105	70.6	400.5	126,900*										105
110	69.3	398.6	125,900*										110
115	68.0	396.5	123,500*										115
120	66.7	394.4	119,800*										120
125	65.4	392.1	115,900*										125
130	64.0	389.7	112,100*	67.8	394.1	123,000*							130
135	62.7	387.1	108,500*	66.5	391.9	119,400*							135
140	61.3	384.3	104,800*	65.2	389.6	115,700*							140
145	60.0	381.5	101,000*	63.8	387.1	112,000*							145
150	58.6	378.4	97,500*	62.5	384.5	108,300*							150
155	57.1	375.2	94,000*	61.1	381.8	104,800*							155
160	55.7	371.8	90,600*	59.7	378.8	101,100*							160
165	54.2	368.2	87,200*	58.3	375.8	97,600*	62.2	380.6	107,100*				165
170	52.7	364.4	84,000*	56.9	372.5	94,100*	60.8	377.8	103,600*				170
175	51.2	360.4	80,800*	55.5	369.1	90,700*	59.5	374.9	100,200*				175
180	49.6	356.1	77,800*	54.0	365.4	87,400*	58.0	371.7	96,800*				180
185	48.0	351.6	74,800*	52.5	361.6	84,200*	56.6	368.4	93,500*				185
190	46.4	346.9	71,900*	51.0	357.6	81,000*	55.2	365.0	90,200*				190
195	44.7	341.9	69,100*	49.4	353.3	78,000*	53.7	361.3	87,000*	57.7	366.3	95,100*	195
200	42.9	336.5	66,500*	47.8	348.8	75,000*	52.2	357.4	83,800*	56.2	362.9	92,000*	200
205	41.1	330.9	63,900*	46.1	344.0	72,100*	50.6	353.3	80,700*	54.8	359.4	88,900*	205
210	39.3	324.8	61,300*	44.4	338.9	69,300*	49.1	349.0	77,700*	53.3	355.7	85,800*	210
215	37.3	318.3	58,900*	42.7	333.5	66,700*	47.4	344.4	74,800*	51.8	351.7	82,800*	215
220	35.3	311.3	56,600*	40.8	327.8	64,000*	45.8	339.6	71,900*	50.2	347.6	79,800*	220
225	33.1	303.7	54,300*	39.0	321.6	61,500*	44.1	334.5	69,200*	48.6	343.2	76,900*	225
230	30.8	295.5	52,100*	37.0	315.1	59,100*	42.3	329.0	66,500*	47.0	338.6	74,100*	230
235	28.3	286.4	50,000*	34.9	308.0	56,700*	40.5	323.2	63,900*	45.3	333.6	71,300*	235
240	25.6	276.3	48,000*	32.7	300.4	54,500*	38.6	317.0	61,400*	43.6	328.4	68,600*	240
245	22.6	264.8	46,100*	30.4	292.0	52,300*	36.6	310.3	59,000*	41.8	322.9	66,000*	245
250	19.2	251.2	44,200*	27.9	282.8	50,200*	34.5	303.1	56,700*	39.9	316.9	63,500*	250
255	14.9	234.1	38,500*	25.2	272.4	48,200*	32.3	295.3	54,500*	38.0	310.6	61,000*	255
260	8.7	208.7	31,200*	22.1	260.6	46,300*	29.9	286.8	52,300*	36.0	303.8	58,600*	260
265				18.6	246.6	44,400*	27.4	277.4	50,200*	33.9	296.5	56,400*	265
270				14.1	228.8	42,100*	24.6	266.8	48,200*	31.6	288.5	54,200*	270
275				7.2	200.4	33,800*	21.4	254.6	46,300*	29.2	279.7	52,000*	275
280							17.7	240.0	44,400*	26.6	270.0	50,000*	280
285							13.0	220.9	42,700*	23.7	259.0	48,000*	285
290							4.5	185.6	35,200*	20.5	246.3	46,100*	290
295										16.6	230.7	44,300*	295
300										11.4	209.5	42,400*	300

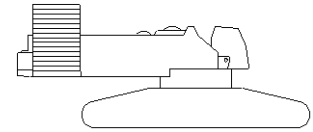


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



180 Ft. Boom, 70 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	
50	70.7	260.2	477,700*b										50
55	66.2	257.9	461,800*b										55
60	61.5	255.2	427,400*b										60
65	56.7	251.9	371,100*										65
70	51.4	248.0	327,200*	67.1	256.0	401,200*b							70
75	45.8	243.2	291,800*	62.4	253.4	372,500*b							75
80	39.4	237.3	262,700*	57.6	250.2	347,300*							80
85	32.0	229.7	238,200*	52.4	246.4	325,200*							85
90	22.2	218.8	217,000*	46.9	241.8	298,700*							90
95				40.7	236.1	268,500*	58.3	247.0	275,000*				95
100				33.5	228.9	243,200*	53.2	243.2	259,100				100
105				24.3	218.9	221,500*	47.7	238.7	243,700				105
110				5.2	196.1	173,300*	41.6	233.2	229,700				110
115							34.6	226.3	217,100	53.5	238.4	205,700	115
120							25.8	216.8	205,400	48.0	233.9	194,900	120
125							10.8	199.2	194,300	41.9	228.5	185,100	125
130										35.0	221.6	176,000	130
135										26.4	212.3	167,500	135
140										12.3	195.9	159,300	140

180 Ft. Boom, 80 Ft. Luffing Jib

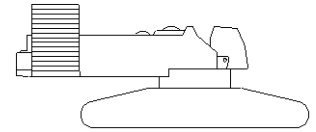
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	69.4	268.9	441,400*b										55
60	65.4	266.6	427,700*b										60
65	61.3	263.9	386,600*										65
70	57.1	260.6	340,900*										70
75	52.6	256.8	304,200*	66.2	264.7	371,600*b							75
80	47.8	252.4	274,100*	62.1	262.1	346,500*							80
85	42.5	247.0	248,900*	57.9	258.9	324,500*							85
90	36.7	240.5	227,400*	53.5	255.2	304,900*							90
95	29.7	232.2	208,800*	48.7	250.9	280,000*	62.7	258.7	274,100*				95
100	20.6	220.5	192,300*	43.6	245.7	254,000*	58.5	255.6	258,400				100
105				37.8	239.5	231,900*	54.1	252.0	243,000				105
110				31.1	231.6	212,700*	49.4	247.8	229,200				110
115				22.6	220.7	195,900*	44.3	242.7	216,700				115
120				4.6	196.2	157,500*	38.6	236.6	205,300	54.3	247.1	194,100	120
125							32.1	229.0	194,900	49.6	242.9	184,400	125
130							23.9	218.7	185,200	44.6	237.9	175,400	130
135							9.9	199.9	175,900	39.0	231.9	167,200	135
140										32.5	224.4	159,500	140
145										24.5	214.4	152,300	145
150										11.3	196.7	145,300	150

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



180 Ft. Boom, 90 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	71.8	279.6	423,600* ^b										55
60	68.3	277.6	410,700* ^b										60
65	64.8	275.3	397,200*										65
70	61.2	272.5	350,300*										70
75	57.4	269.3	312,800*										75
80	53.5	265.6	282,000*	65.5	273.4	346,000*							80
85	49.3	261.4	256,300*	61.9	270.7	324,000*							85
90	44.8	256.4	234,400*	58.1	267.6	304,500*							90
95	39.9	250.6	215,600*	54.2	264.0	287,000*							95
100	34.4	243.5	199,200*	50.1	259.9	261,400*	62.4	267.4	257,900				100
105	27.9	234.6	184,600*	45.7	255.0	238,900*	58.7	264.3	242,500				105
110	19.3	222.0	171,400*	40.9	249.4	219,500*	54.8	260.8	228,800				110
115				35.5	242.6	202,700*	50.7	256.7	216,400				115
120				29.2	234.1	187,800*	46.3	252.0	205,100				120
125				21.2	222.5	174,400*	41.5	246.4	194,900	55.0	255.9	183,900	125
130				4.1	196.2	144,800*	36.2	239.8	185,400	50.9	251.9	175,000	130
135							30.1	231.6	176,700	46.5	247.2	166,900	135
140							22.4	220.6	168,500	41.8	241.7	159,300	140
145							9.2	200.5	160,500	36.6	235.1	152,300	145
150										30.5	227.0	145,800	150
155										22.9	216.2	139,600	155
160										10.5	197.4	133,400	160

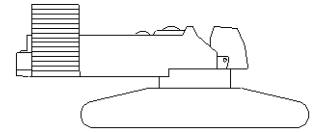


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



180 Ft. Boom, 100 Ft. Luffing Jib

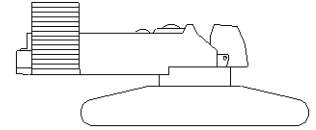
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	70.6	288.4	394,000* ^b										60
65	67.5	286.4	382,900*										65
70	64.3	284.0	356,800*										70
75	61.1	281.2	318,600*										75
80	57.7	278.0	287,300*										80
85	54.2	274.4	261,200*	65.0	282.1	323,100*							85
90	50.5	270.3	239,000*	61.7	279.4	303,600*							90
95	46.5	265.6	219,900*	58.3	276.3	286,200*							95
100	42.3	260.2	203,400*	54.8	272.8	266,300*							100
105	37.7	253.9	188,800*	51.2	268.8	243,500*	62.1	276.0	241,600				105
110	32.5	246.3	175,800*	47.3	264.2	223,900*	58.8	273.0	228,000				110
115	26.3	236.8	164,100*	43.1	258.9	206,900*	55.3	269.5	215,600				115
120	18.2	223.5	153,300*	38.6	252.8	191,900*	51.7	265.6	204,400				120
125				33.5	245.5	178,700*	47.8	261.1	194,200				125
130				27.6	236.4	166,800*	43.7	255.9	184,800	55.5	264.6	174,100	130
135				20.0	224.1	155,900*	39.2	249.9	176,200	51.9	260.7	166,000	135
140				3.7	196.3	132,700*	34.2	242.8	168,200	48.0	256.3	158,600	140
145							28.5	234.1	160,800	43.9	251.2	151,600	145
150							21.2	222.4	153,800	39.5	245.2	145,200	150
155							8.6	201.1	146,900	34.5	238.2	139,200	155
160										28.8	229.5	133,500	160
165										21.7	218.1	128,100	165
170										9.9	198.1	122,700	170

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



180 Ft. Boom, 110 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	72.5	299.1	353,500* ^b										60
65	69.7	297.2	341,500*										65
70	66.9	295.1	328,600*										70
75	64.0	292.6	316,200*										75
80	61.0	289.8	292,200*										80
85	57.9	286.7	265,600*	67.4	293.1	322,400*							85
90	54.7	283.2	243,100*	64.5	290.7	303,000*							90
95	51.4	279.2	223,700*	61.5	288.0	285,600*							95
100	47.9	274.7	206,900*	58.5	285.0	270,000*							100
105	44.2	269.6	192,200*	55.3	281.5	247,600*							105
110	40.2	263.8	179,100*	52.0	277.6	227,700*	61.9	284.7	227,400				110
115	35.8	257.0	167,400*	48.6	273.2	210,400*	58.9	281.6	215,100				115
120	30.9	249.0	156,900*	44.9	268.3	195,300*	55.8	278.2	203,900				120
125	25.0	238.9	147,200*	41.0	262.6	182,000*	52.5	274.4	193,700				125
130	17.3	224.9	138,300*	36.7	256.0	170,000*	49.0	270.1	184,400				130
135				31.8	248.3	159,300*	45.4	265.2	175,900	55.9	273.4	165,400	135
140				26.2	238.7	149,500*	41.5	259.7	168,000	52.7	269.6	158,000	140
145				19.0	225.7	140,500*	37.3	253.2	160,600	49.2	265.3	151,100	145
150				3.4	196.3	117,500*	32.5	245.7	153,800	45.6	260.4	144,700	150
155							27.0	236.4	147,400	41.7	254.9	138,800	155
160							20.1	224.0	141,300	37.5	248.6	133,200	160
165							8.1	201.6	133,300*	32.8	241.0	128,000	165
170										27.4	231.9	123,000	170
175										20.6	219.8	118,200	175
180										9.3	198.8	113,500	180

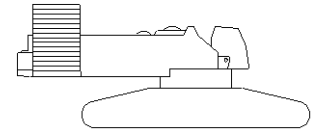


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



180 Ft. Boom, 120 Ft. Luffing Jib

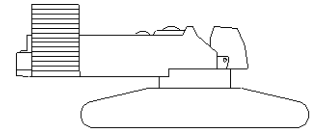
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	71.5	307.9	332,100*										65
70	68.9	306.0	319,200*										70
75	66.3	303.8	306,900*										75
80	63.6	301.3	294,900*										80
85	60.9	298.5	268,000*										85
90	58.1	295.4	245,300*	66.8	301.8	302,000*							90
95	55.2	291.9	225,800*	64.1	299.4	284,700*							95
100	52.2	288.0	208,800*	61.4	296.7	269,100*							100
105	49.0	283.7	194,000*	58.6	293.6	249,800*							105
110	45.7	278.9	180,800*	55.7	290.2	229,700*							110
115	42.2	273.4	169,100*	52.7	286.4	212,300*	61.8	293.3	214,100				115
120	38.4	267.2	158,600*	49.6	282.2	197,100*	59.0	290.3	203,000				120
125	34.2	260.1	149,100*	46.3	277.5	183,700*	56.1	287.0	192,900				125
130	29.5	251.6	140,300*	42.8	272.1	171,700*	53.1	283.2	183,600				130
135	23.9	241.0	132,300*	39.1	266.1	161,000*	50.0	279.1	175,100				135
140	16.4	226.2	124,800*	35.0	259.1	151,300*	46.8	274.4	167,200	56.3	282.1	157,000	140
145				30.4	250.9	142,400*	43.3	269.2	160,000	53.3	278.4	150,200	145
150				25.0	240.8	134,300*	39.6	263.2	153,200	50.2	274.2	143,800	150
155				18.1	227.2	126,700*	35.6	256.4	146,900	47.0	269.6	137,900	155
160				3.2	196.4	104,300*	31.1	248.4	141,000	43.5	264.4	132,400	160
165							25.8	238.6	135,400	39.8	258.5	127,200	165
170							19.2	225.6	128,100*	35.8	251.7	122,400	170
175							7.7	202.2	120,600*	31.3	243.8	117,800	175
180										26.1	234.1	113,400	180
185										19.6	221.4	109,200	185
190										8.8	199.4	105,000	190

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



180 Ft. Boom, 130 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	72.9	318.5	323,500*										65
70	70.6	316.7	311,000*										70
75	68.2	314.7	298,900*										75
80	65.8	312.5	287,300*										80
85	63.4	310.0	271,400*										85
90	60.8	307.1	248,400*										90
95	58.2	304.1	228,700*	66.3	310.5	284,600*							95
100	55.6	300.6	211,600*	63.8	308.1	269,100*							100
105	52.8	296.9	196,600*	61.3	305.3	252,900*							105
110	49.9	292.7	183,400*	58.7	302.3	232,700*							110
115	46.9	288.0	171,600*	56.1	298.9	215,100*							115
120	43.8	282.9	161,000*	53.3	295.2	199,800*	61.6	302.0	203,000				120
125	40.4	277.1	151,500*	50.5	291.1	186,200*	59.1	299.0	192,800				125
130	36.7	270.5	142,800*	47.5	286.6	174,200*	56.4	295.7	183,600				130
135	32.7	262.9	134,800*	44.4	281.5	163,400*	53.7	292.0	175,100				135
140	28.2	254.0	127,500*	41.0	275.9	153,700*	50.9	288.0	167,300				140
145	22.9	242.9	120,700*	37.4	269.4	144,800*	47.9	283.5	160,100	56.6	290.8	150,100	145
150	15.7	227.5	111,500*	33.5	262.1	136,700*	44.8	278.5	153,300	53.9	287.1	143,800	150
155				29.1	253.4	129,300*	41.5	272.9	147,100	51.0	283.1	138,000	155
160				24.0	242.8	122,400*	37.9	266.6	141,200	48.1	278.6	132,500	160
165				17.3	228.6	115,900*	34.1	259.4	135,700	45.0	273.7	127,300	165
170				2.9	196.4	92,900*	29.8	250.9	130,600	41.7	268.1	122,500	170
175							24.7	240.7	123,700*	38.2	261.9	118,000	175
180							18.4	227.1	117,200*	34.3	254.7	113,700	180
185							7.3	202.7	109,300*	30.0	246.4	109,600	185
190										25.0	236.2	105,700	190
195										18.8	222.9	102,000	195
200										8.4	200.1	98,200	200

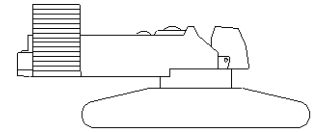


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



180 Ft. Boom, 140 Ft. Luffing Jib

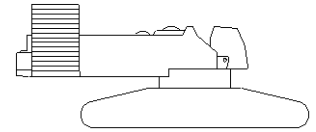
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	72.1	327.4	298,200*										70
75	69.9	325.5	286,600*										75
80	67.7	323.5	275,400*										80
85	65.4	321.1	264,700*										85
90	63.1	318.6	249,600*										90
95	60.8	315.8	229,700*										95
100	58.4	312.7	212,500*	65.8	319.2	268,100*							100
105	55.9	309.4	197,400*	63.5	316.7	253,900							105
110	53.3	305.6	184,000*	61.2	314.0	233,700*							110
115	50.7	301.6	172,200*	58.8	311.0	216,000*							115
120	48.0	297.1	161,500*	56.4	307.6	200,500*							120
125	45.1	292.1	151,900*	53.8	304.0	186,900*	61.5	310.6	191,900				125
130	42.0	286.7	143,200*	51.2	300.0	174,700*	59.1	307.6	182,700				130
135	38.8	280.5	135,300*	48.5	295.6	163,900*	56.7	304.4	174,300				135
140	35.3	273.6	128,000*	45.6	290.7	154,100*	54.2	300.8	166,500				140
145	31.5	265.7	121,300*	42.6	285.4	145,300*	51.6	296.8	159,300				145
150	27.1	256.3	115,100*	39.4	279.4	137,200*	48.9	292.5	152,600	56.8	299.5	142,900	150
155	22.0	244.8	109,200*	36.0	272.6	129,800*	46.0	287.7	146,300	54.3	295.9	137,000	155
160	15.1	228.8	100,900*	32.2	264.9	123,000*	43.0	282.4	140,500	51.7	292.0	131,600	160
165				28.0	255.9	116,600*	39.9	276.5	135,100	49.0	287.6	126,500	165
170				23.0	244.8	110,700*	36.5	269.9	130,000	46.2	282.9	121,700	170
175				16.6	230.0	105,100*	32.8	262.3	124,200*	43.2	277.6	117,200	175
180				2.8	196.5	84,500*	28.6	253.4	117,900*	40.1	271.7	112,900	180
185							23.8	242.7	111,900*	36.7	265.1	108,900	185
190							17.6	228.6	106,200*	33.0	257.6	105,100	190
195							7.0	203.2	99,600*	28.9	248.9	101,500	195
200										24.1	238.3	98,000	200
205										18.0	224.4	94,600	205
210										8.1	200.6	91,200	210

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



180 Ft. Boom, 150 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	71.3	336.2	247,700*										75
80	69.2	334.3	240,600*										80
85	67.2	332.2	233,800*										85
90	65.1	329.8	227,200*										90
95	62.9	327.3	220,800*										95
100	60.7	324.5	213,500*	67.5	330.2	236,100*							100
105	58.5	321.4	198,300*	65.4	327.9	230,000*							105
110	56.2	318.1	184,900*	63.3	325.4	223,900*							110
115	53.8	314.4	173,000*	61.1	322.6	217,000*							115
120	51.4	310.4	162,300*	58.9	319.6	201,400*							120
125	48.8	306.1	152,700*	56.6	316.3	187,700*							125
130	46.2	301.3	143,900*	54.3	312.7	175,500*	61.4	319.3	182,000				130
135	43.4	296.1	136,000*	51.8	308.8	164,600*	59.2	316.3	173,600				135
140	40.5	290.3	128,700*	49.3	304.6	154,800*	56.9	313.1	165,800				140
145	37.4	283.9	122,000*	46.7	299.9	145,900*	54.6	309.5	158,600				145
150	34.0	276.6	115,800*	44.0	294.7	137,800*	52.2	305.6	152,000				150
155	30.4	268.3	110,000*	41.1	289.1	130,400*	49.7	301.4	145,800	57.1	308.2	136,300	155
160	26.2	258.6	104,700*	38.0	282.8	123,600*	47.1	296.8	140,000	54.7	304.6	130,900	160
165	21.2	246.6	99,600*	34.7	275.7	117,300*	44.3	291.7	134,600	52.3	300.8	125,800	165
170	14.6	229.9	89,700*	31.1	267.6	111,500*	41.5	286.1	129,500	49.8	296.6	121,000	170
175				27.0	258.2	106,100*	38.4	279.9	124,700	47.2	292.0	116,500	175
180				22.2	246.7	100,900*	35.2	273.0	118,500*	44.5	286.9	112,300	180
185				16.0	231.3	96,000*	31.6	265.0	112,700*	41.6	281.4	108,300	185
190				2.6	196.6	75,400*	27.6	255.8	107,200*	38.6	275.2	104,600	190
195							22.9	244.7	102,000*	35.4	268.3	101,000	195
200							17.0	230.0	97,100*	31.8	260.4	97,600	200
205							6.7	203.6	89,200*	27.8	251.3	94,300	205
210										23.2	240.3	91,200	210
215										17.4	225.9	88,200	215
220										7.8	201.2	85,100	220

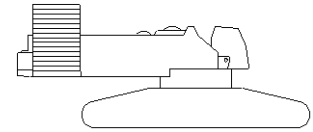


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



180 Ft. Boom, 160 Ft. Luffing Jib

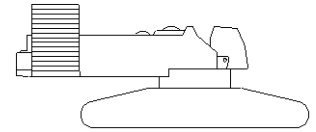
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75	72.5	346.8	238,500*										75
80	70.6	345.0	231,600*										80
85	68.7	343.0	224,700*										85
90	66.7	340.9	218,100*										90
95	64.7	338.5	211,600*										95
100	62.7	335.9	205,300*										100
105	60.7	333.1	198,000*	67.1	338.9	220,200*							105
110	58.6	330.1	184,600*	65.1	336.6	214,200*							110
115	56.4	326.8	172,600*	63.1	334.1	208,200*							115
120	54.2	323.2	162,000*	61.1	331.3	201,100*							120
125	51.9	319.3	152,300*	59.0	328.3	187,400*							125
130	49.6	315.0	143,600*	56.8	325.0	175,200*							130
135	47.2	310.4	135,700*	54.6	321.5	164,300*	61.3	328.0	172,700				135
140	44.6	305.4	128,400*	52.4	317.6	154,400*	59.3	325.0	164,900				140
145	42.0	299.9	121,700*	50.0	313.5	145,600*	57.1	321.7	157,700				145
150	39.2	293.8	115,600*	47.6	309.0	137,500*	54.9	318.2	151,100				150
155	36.1	287.1	109,800*	45.1	304.0	130,100*	52.7	314.5	144,900				155
160	32.9	279.5	104,500*	42.5	298.6	123,300*	50.4	310.3	139,100	57.2	316.9	129,900	160
165	29.3	270.9	99,600*	39.7	292.6	117,100*	48.0	305.8	133,800	55.1	313.4	124,800	165
170	25.3	260.8	94,900*	36.7	286.0	111,300*	45.5	301.0	128,700	52.8	309.6	120,100	170
175	20.5	248.3	90,400*	33.5	278.7	105,900*	42.8	295.6	124,000	50.5	305.5	115,600	175
180	14.1	231.1	81,400*	30.0	270.3	100,800*	40.1	289.7	118,200*	48.1	301.0	111,400	180
185				26.1	260.5	96,100*	37.1	283.2	112,400*	45.6	296.1	107,500	185
190				21.5	248.5	91,600*	34.0	276.0	106,900*	43.0	290.8	103,700	190
195				15.5	232.6	87,300*	30.5	267.7	101,900*	40.2	285.0	100,200	195
200				2.4	196.6	68,600*	26.7	258.1	97,100*	37.3	278.5	96,800	200
205							22.1	246.5	92,600*	34.2	271.3	93,600	205
210							16.4	231.4	88,300*	30.7	263.1	90,500	210
215							6.5	204.1	81,400*	26.9	253.6	87,600	215
220										22.4	242.2	84,800	220
225										16.8	227.3	82,000	225
230										7.5	201.8	79,200	230

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



180 Ft. Boom, 170 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	71.8	355.6	221,000*										80
85	70.0	353.8	214,300*										85
90	68.2	351.8	207,800*										90
95	66.3	349.6	201,500*										95
100	64.5	347.2	195,400*										100
105	62.6	344.6	189,400*										105
110	60.6	341.8	183,600*	66.7	347.7	203,600*							110
115	58.7	338.7	174,200*	64.8	345.3	197,700*							115
120	56.6	335.5	163,400*	62.9	342.7	192,000*							120
125	54.6	331.9	153,600*	61.0	340.0	186,300*							125
130	52.5	328.1	144,800*	59.0	337.0	176,700*							130
135	50.3	323.9	136,800*	57.0	333.7	165,700*							135
140	48.0	319.5	129,500*	55.0	330.2	155,800*	61.3	336.6	164,700				140
145	45.7	314.6	122,800*	52.9	326.5	146,800*	59.3	333.6	157,600				145
150	43.2	309.3	116,600*	50.7	322.4	138,600*	57.3	330.4	150,900				150
155	40.6	303.5	110,800*	48.4	318.0	131,200*	55.2	327.0	144,800				155
160	37.9	297.2	105,500*	46.1	313.2	124,400*	53.1	323.2	139,000				160
165	35.0	290.2	100,500*	43.7	308.0	118,100*	51.0	319.2	133,600	57.4	325.5	124,600	165
170	31.9	282.3	95,900*	41.1	302.3	112,200*	48.7	314.8	128,600	55.4	322.1	119,900	170
175	28.4	273.4	91,500*	38.4	296.1	106,800*	46.4	310.1	123,900	53.3	318.4	115,500	175
180	24.5	262.9	87,400*	35.6	289.2	101,800*	44.0	305.0	119,200*	51.1	314.3	111,300	180
185	19.8	250.0	83,400*	32.5	281.5	97,100*	41.5	299.4	113,300*	48.9	310.0	107,300	185
190	13.6	232.2	73,500*	29.1	272.8	92,700*	38.8	293.2	107,900*	46.6	305.3	103,600	190
195				25.3	262.6	88,500*	36.0	286.4	102,800*	44.1	300.2	100,100	195
200				20.8	250.3	84,500*	32.9	278.9	98,100*	41.6	294.6	96,700	200
205				15.0	233.8	80,600*	29.6	270.3	93,600*	39.0	288.5	93,600	205
210				2.3	196.7	62,100*	25.8	260.4	89,400*	36.1	281.7	90,500	210
215							21.4	248.4	85,400*	33.1	274.2	87,600	215
220							15.9	232.7	81,600*	29.8	265.7	84,900	220
225							6.3	204.6	73,900*	26.0	255.9	82,200	225
230										21.7	244.0	79,600	230
235										16.3	228.6	77,100	235
240										7.2	202.3	74,500	240

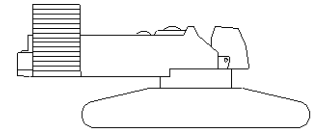


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



180 Ft. Boom, 180 Ft. Luffing Jib

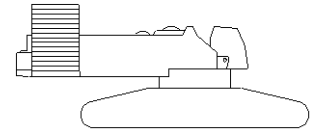
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	72.8	366.2	212,600*										80
85	71.2	364.5	206,100*										85
90	69.4	362.6	199,800*										90
95	67.7	360.5	193,500*										95
100	66.0	358.3	187,400*										100
105	64.2	355.9	181,500*										105
110	62.4	353.3	175,700*										110
115	60.6	350.4	170,100*	66.3	356.4	189,300*							115
120	58.7	347.4	162,800*	64.6	354.0	183,700*							120
125	56.8	344.1	153,100*	62.8	351.4	178,100*							125
130	54.9	340.6	144,300*	60.9	348.6	172,600*							130
135	52.9	336.9	136,300*	59.1	345.6	165,100*							135
140	50.8	332.8	129,000*	57.2	342.4	155,200*	63.0	348.0	163,800				140
145	48.7	328.4	122,200*	55.3	339.0	146,200*	61.2	345.3	156,700				145
150	46.5	323.7	116,100*	53.3	335.2	138,100*	59.3	342.3	150,000				150
155	44.3	318.6	110,300*	51.2	331.2	130,600*	57.4	339.1	143,900				155
160	41.9	313.1	105,000*	49.1	326.9	123,800*	55.5	335.7	138,100				160
165	39.4	307.1	100,100*	47.0	322.3	117,500*	53.5	332.0	132,800				165
170	36.8	300.5	95,500*	44.7	317.3	111,700*	51.5	328.0	127,800	57.6	334.2	118,900	170
175	34.0	293.2	91,100*	42.4	311.8	106,300*	49.4	323.8	123,000	55.6	330.8	114,500	175
180	30.9	285.1	87,100*	39.9	305.9	101,300*	47.3	319.2	118,600	53.7	327.1	110,300	180
185	27.6	275.8	83,200*	37.3	299.4	96,700*	45.0	314.2	112,800*	51.6	323.2	106,400	185
190	23.8	264.9	79,600*	34.5	292.3	92,300*	42.7	308.8	107,400*	49.5	318.9	102,700	190
195	19.2	251.6	76,100*	31.5	284.3	88,200*	40.2	303.0	102,300*	47.4	314.4	99,200	195
200	13.2	233.3	66,900*	28.2	275.3	84,300*	37.6	296.6	97,600*	45.1	309.4	95,900	200
205				24.5	264.7	80,600*	34.9	289.5	93,200*	42.8	304.1	92,700	205
210				20.2	252.0	77,100*	31.9	281.7	89,000*	40.4	298.2	89,700	210
215				14.5	235.0	73,400*	28.7	272.8	85,100*	37.8	291.9	86,900	215
220				2.2	196.7	56,600*	25.0	262.5	81,400*	35.1	284.9	84,100	220
225							20.8	250.1	77,900*	32.1	277.1	81,500	225
230							15.4	234.0	74,400*	28.9	268.2	79,000	230
235							6.0	205.0	67,600*	25.3	258.1	76,600	235
240										21.1	245.8	74,200	240
245										15.8	230.0	71,900	245
250										7.0	202.8	69,500	250

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



180 Ft. Boom, 190 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	72.2	375.1	186,500*										85
90	70.6	373.3	182,200*										90
95	69.0	371.4	178,000*										95
100	67.3	369.3	173,700*										100
105	65.7	367.0	169,600*										105
110	64.0	364.5	165,400*										110
115	62.3	361.9	161,000*	67.6	367.3	174,900*							115
120	60.6	359.1	156,600*	66.0	365.1	171,100*							120
125	58.8	356.1	152,100*	64.3	362.7	167,200*							125
130	57.0	352.8	144,200*	62.6	360.1	163,100*							130
135	55.2	349.4	136,200*	60.9	357.3	158,800*							135
140	53.3	345.6	128,800*	59.1	354.3	154,400*							140
145	51.4	341.6	122,100*	57.3	351.1	146,100*	62.8	356.7	155,900				145
150	49.4	337.4	115,900*	55.5	347.7	137,900*	61.1	353.9	149,300				150
155	47.3	332.8	110,200*	53.6	344.0	130,500*	59.4	351.0	143,200				155
160	45.2	327.9	104,900*	51.7	340.1	123,700*	57.6	347.8	137,400				160
165	43.0	322.5	99,900*	49.8	335.8	117,400*	55.8	344.4	132,100				165
170	40.7	316.8	95,300*	47.7	331.3	111,600*	53.9	340.8	127,100				170
175	38.3	310.5	91,000*	45.6	326.5	106,200*	52.0	336.9	122,400	57.7	342.9	113,800	175
180	35.7	303.7	87,000*	43.4	321.2	101,200*	50.0	332.7	118,000	55.9	339.5	109,600	180
185	33.0	296.1	83,100*	41.2	315.5	96,500*	48.0	328.2	112,600*	54.0	335.9	105,700	185
190	30.1	287.7	79,500*	38.8	309.4	92,100*	45.9	323.4	107,200*	52.1	332.0	102,000	190
195	26.8	278.1	76,100*	36.2	302.7	88,000*	43.7	318.2	102,100*	50.1	327.8	98,500	195
200	23.1	266.9	72,900*	33.5	295.2	84,200*	41.5	312.6	97,400*	48.1	323.4	95,200	200
205	18.7	253.2	69,500*	30.6	287.0	80,500*	39.1	306.5	93,000*	46.0	318.6	92,000	205
210	12.8	234.4	59,700*	27.4	277.6	77,100*	36.6	299.9	88,900*	43.9	313.4	89,100	210
215				23.8	266.8	73,800*	33.9	292.5	85,000*	41.6	307.8	86,200	215
220				19.6	253.7	70,600*	31.0	284.4	81,300*	39.2	301.8	83,500	220
225				14.1	236.2	67,000*	27.9	275.2	77,800*	36.7	295.2	80,900	225
230				2.1	196.8	50,400*	24.3	264.6	74,500*	34.1	287.9	78,400	230
235							20.2	251.9	71,400*	31.2	279.8	76,000	235
240							15.0	235.2	68,000*	28.1	270.7	73,700	240
245							5.9	205.4	60,700*	24.6	260.2	71,500	245
250										20.5	247.6	69,400	250
255										15.3	231.2	67,300	255
260										6.8	203.4	64,600*	260

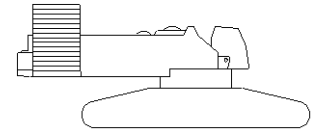


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



180 Ft. Boom, 200 Ft. Luffing Jib

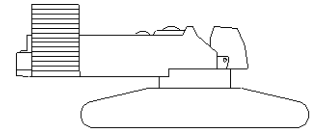
Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	71.6	383.9	174,000*										90
95	70.1	382.1	169,800*										95
100	68.5	380.1	165,500*										100
105	67.0	378.0	161,300*										105
110	65.4	375.7	157,200*										110
115	63.8	373.2	153,000*										115
120	62.2	370.6	148,800*	67.3	376.0	162,500*							120
125	60.5	367.8	144,500*	65.7	373.8	158,600*							125
130	58.9	364.7	140,200*	64.1	371.3	154,700*							130
135	57.2	361.5	135,500*	62.5	368.7	150,700*							135
140	55.4	358.1	128,100*	60.8	365.9	146,500*							140
145	53.6	354.4	121,400*	59.2	363.0	142,300*							145
150	51.8	350.5	115,200*	57.5	359.8	137,200*	62.7	365.4	148,400				150
155	50.0	346.3	109,500*	55.7	356.4	129,800*	61.1	362.6	142,200				155
160	48.0	341.8	104,200*	54.0	352.7	122,900*	59.4	359.6	136,500				160
165	46.0	337.0	99,300*	52.2	348.9	116,700*	57.7	356.5	131,200				165
170	44.0	331.9	94,700*	50.3	344.7	110,900*	56.0	353.1	126,200				170
175	41.9	326.3	90,400*	48.4	340.3	105,500*	54.2	349.5	121,500				175
180	39.6	320.4	86,300*	46.4	335.6	100,500*	52.4	345.7	117,100	57.8	351.6	108,600	180
185	37.3	313.9	82,500*	44.4	330.5	95,800*	50.6	341.6	111,900*	56.1	348.2	104,700	185
190	34.8	306.8	79,000*	42.3	325.0	91,500*	48.7	337.2	106,500*	54.3	344.6	101,000	190
195	32.1	299.0	75,600*	40.0	319.1	87,400*	46.7	332.5	101,400*	52.5	340.8	97,600	195
200	29.3	290.3	72,400*	37.7	312.8	83,600*	44.7	327.5	96,700*	50.7	336.7	94,300	200
205	26.1	280.4	69,300*	35.3	305.8	79,900*	42.6	322.1	92,300*	48.8	332.4	91,100	205
210	22.5	268.8	66,400*	32.6	298.1	76,500*	40.4	316.2	88,200*	46.8	327.7	88,200	210
215	18.2	254.7	63,300*	29.8	289.6	73,300*	38.0	309.9	84,400*	44.8	322.7	85,300	215
220	12.5	235.4	54,100*	26.7	280.0	70,200*	35.6	303.0	80,700*	42.7	317.3	82,600	220
225				23.2	268.8	67,300*	33.0	295.5	77,300*	40.5	311.5	80,100	225
230				19.1	255.3	64,400*	30.2	287.1	74,000*	38.2	305.2	77,600	230
235				13.7	237.3	61,100*	27.1	277.6	70,900*	35.7	298.4	75,200	235
240				2.0	196.8	45,700*	23.7	266.7	68,000*	33.2	290.8	73,000	240
245							19.7	253.6	65,100*	30.4	282.5	70,800	245
250							14.6	236.4	62,100*	27.3	273.1	68,700	250
255							5.7	205.9	55,400*	23.9	262.2	66,700	255
260										19.9	249.3	64,700	260
265										14.9	232.5	62,700*	265
270										6.6	203.8	58,900*	270

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



180 Ft. Boom, 210 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	72.5	394.5	161,700*										90
95	71.1	392.7	160,300*										95
100	69.6	390.9	158,400*										100
105	68.1	388.9	154,100*										105
110	66.6	386.7	150,000*										110
115	65.1	384.4	145,900*										115
120	63.6	381.9	141,800*										120
125	62.1	379.2	137,700*	66.9	384.8	151,000*							125
130	60.5	376.4	133,600*	65.4	382.5	147,200*							130
135	58.9	373.4	129,500*	63.9	380.0	143,400*							135
140	57.3	370.2	125,500*	62.4	377.4	139,400*							140
145	55.6	366.8	121,200*	60.8	374.6	135,500*							145
150	54.0	363.1	115,100*	59.2	371.6	131,500*							150
155	52.2	359.3	109,300*	57.6	368.5	127,400*	62.6	374.0	139,100*				155
160	50.5	355.2	104,000*	56.0	365.1	122,800*	61.0	371.2	135,400*				160
165	48.7	350.8	99,100*	54.3	361.5	116,500*	59.4	368.3	131,000				165
170	46.8	346.1	94,500*	52.6	357.7	110,700*	57.8	365.1	126,000				170
175	44.9	341.1	90,300*	50.8	353.6	105,300*	56.2	361.8	121,300				175
180	42.9	335.8	86,200*	49.0	349.3	100,300*	54.5	358.2	116,900				180
185	40.8	330.0	82,500*	47.1	344.7	95,700*	52.8	354.5	111,700*	57.9	360.2	104,500	185
190	38.6	323.8	78,900*	45.2	339.7	91,300*	51.0	350.4	106,300*	56.3	356.9	100,800	190
195	36.3	317.1	75,500*	43.2	334.4	87,300*	49.2	346.1	101,200*	54.6	353.4	97,300	195
200	33.9	309.8	72,400*	41.2	328.8	83,500*	47.4	341.5	96,600*	52.9	349.6	94,000	200
205	31.3	301.7	69,400*	39.0	322.7	79,900*	45.5	336.7	92,200*	51.1	345.6	90,900	205
210	28.5	292.8	66,500*	36.8	316.0	76,500*	43.5	331.4	88,100*	49.3	341.3	88,000	210
215	25.4	282.6	63,700*	34.4	308.9	73,300*	41.5	325.8	84,200*	47.5	336.7	85,100	215
220	21.9	270.7	61,100*	31.8	300.9	70,200*	39.3	319.8	80,600*	45.6	331.9	82,400	220
225	17.7	256.2	58,300*	29.1	292.2	67,300*	37.1	313.2	77,200*	43.6	326.6	79,900	225
230	12.1	236.4	49,700*	26.0	282.2	64,500*	34.7	306.1	74,000*	41.6	321.0	77,400	230
235				22.6	270.7	61,900*	32.2	298.3	70,900*	39.4	315.0	75,100	235
240				18.6	256.9	59,300*	29.4	289.6	68,000*	37.2	308.5	72,800	240
245				13.4	238.4	56,300*	26.5	279.9	65,200*	34.8	301.5	70,700	245
250				1.9	196.9	42,000*	23.1	268.7	62,500*	32.3	293.7	68,600	250
255							19.2	255.2	60,000*	29.6	285.1	66,600	255
260							14.2	237.6	57,200*	26.6	275.4	64,600	260
265							5.5	206.2	51,100*	23.3	264.3	62,800	265
270										19.4	250.9	60,400*	270
275										14.5	233.7	57,800*	275
280										6.4	204.3	54,300*	280

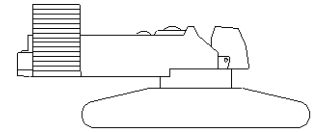


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



180 Ft. Boom, 220 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	72.0	403.3	148,700*										95
100	70.6	401.6	147,500*										100
105	69.2	399.7	144,300*										105
110	67.8	397.6	140,200*										110
115	66.4	395.4	136,300*										115
120	64.9	393.1	132,300*										120
125	63.5	390.6	128,400*	68.0	395.6	141,000*							125
130	62.0	387.9	124,400*	66.6	393.5	137,300*							130
135	60.5	385.1	120,500*	65.2	391.2	133,600*							135
140	59.0	382.1	116,700*	63.7	388.7	129,800*							140
145	57.4	378.9	112,800*	62.3	386.1	126,000*							145
150	55.8	375.5	109,100*	60.8	383.3	122,200*							150
155	54.2	371.9	105,400*	59.3	380.3	118,300*							155
160	52.6	368.1	101,700*	57.7	377.1	114,500*	62.5	382.7	125,800*				160
165	50.9	364.0	98,200*	56.1	373.8	110,800*	61.0	379.9	122,200*				165
170	49.2	359.7	94,500*	54.5	370.2	107,100*	59.5	377.0	118,600*				170
175	47.5	355.2	90,100*	52.9	366.5	103,400*	57.9	373.8	115,000*				175
180	45.6	350.3	86,100*	51.2	362.5	99,900*	56.4	370.5	111,400*				180
185	43.8	345.1	82,300*	49.5	358.2	95,600*	54.8	367.0	107,800*				185
190	41.8	339.6	78,700*	47.8	353.7	91,200*	53.1	363.2	104,300*	58.0	368.9	99,800	190
195	39.8	333.6	75,300*	46.0	348.9	87,100*	51.5	359.3	100,800*	56.4	365.6	96,400	195
200	37.7	327.2	72,100*	44.1	343.7	83,300*	49.8	355.0	96,500*	54.9	362.1	93,100	200
205	35.4	320.3	69,100*	42.2	338.3	79,700*	48.0	350.6	92,100*	53.2	358.4	90,000	205
210	33.1	312.7	66,200*	40.2	332.4	76,200*	46.2	345.8	87,900*	51.6	354.4	87,000	210
215	30.6	304.4	63,500*	38.1	326.1	73,000*	44.4	340.7	84,100*	49.9	350.2	84,200	215
220	27.8	295.2	60,900*	35.9	319.3	70,000*	42.4	335.3	80,400*	48.1	345.7	81,500	220
225	24.8	284.7	58,400*	33.5	311.8	67,100*	40.4	329.5	77,000*	46.3	341.0	79,000	225
230	21.4	272.6	55,900*	31.1	303.7	64,300*	38.4	323.2	73,700*	44.5	335.9	76,500	230
235	17.3	257.7	52,200*	28.4	294.6	61,700*	36.2	316.5	70,600*	42.6	330.5	74,200	235
240	11.8	237.4	44,200*	25.4	284.5	59,200*	33.9	309.1	67,700*	40.6	324.7	72,000	240
245				22.1	272.6	56,700*	31.4	301.1	64,900*	38.5	318.5	69,800	245
250				18.1	258.4	54,200*	28.7	292.2	62,300*	36.3	311.8	67,800	250
255				13.0	239.5	50,900*	25.8	282.1	59,800*	34.0	304.5	65,800	255
260				1.9	196.9	37,200*	22.5	270.6	57,300*	31.5	296.5	63,900	260
265							18.7	256.8	55,000*	28.9	287.6	62,000	265
270							13.8	238.8	52,200*	26.0	277.7	60,200*	270
275							5.4	206.6	45,800*	22.7	266.2	57,700*	275
280										19.0	252.6	55,400*	280
285										14.2	234.9	52,700*	285
290										6.2	204.8	49,500*	290

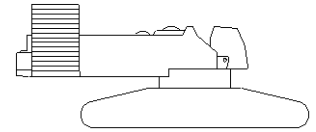


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



180 Ft. Boom, 230 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	72.8	413.9	133,700*										95
100	71.5	412.2	132,600*										100
105	70.1	410.4	131,600*										105
110	68.8	408.4	130,500*										110
115	67.4	406.4	129,000*										115
120	66.1	404.1	125,400*										120
125	64.7	401.8	121,700*										125
130	63.3	399.2	118,100*	67.7	404.4	127,600*							130
135	61.9	396.6	114,400*	66.3	402.2	126,400*							135
140	60.5	393.7	110,700*	65.0	399.9	122,800*							140
145	59.0	390.7	107,200*	63.6	397.4	119,300*							145
150	57.5	387.6	103,600*	62.2	394.7	115,800*							150
155	56.0	384.2	100,100*	60.7	391.9	112,200*							155
160	54.5	380.6	96,700*	59.3	389.0	108,600*							160
165	52.9	376.9	93,400*	57.8	385.8	105,100*	62.4	391.4	115,500*				165
170	51.4	372.9	90,100*	56.3	382.5	101,700*	60.9	388.6	112,200*				170
175	49.7	368.6	86,900*	54.8	379.0	98,200*	59.5	385.6	108,900*				175
180	48.1	364.2	83,800*	53.2	375.2	94,900*	58.0	382.5	105,500*				180
185	46.3	359.4	80,800*	51.7	371.3	91,600*	56.5	379.2	102,200*				185
190	44.6	354.4	77,800*	50.0	367.1	88,400*	55.0	375.7	98,900*				190
195	42.7	349.0	74,700*	48.4	362.7	85,200*	53.5	372.0	95,600*				195
200	40.8	343.3	71,500*	46.7	358.0	82,200*	51.9	368.1	92,300*	56.6	374.3	92,300	200
205	38.9	337.1	68,500*	44.9	353.0	79,000*	50.3	363.9	89,200*	55.1	370.8	89,200	205
210	36.8	330.5	65,700*	43.1	347.7	75,600*	48.6	359.5	86,100*	53.5	367.1	86,300	210
215	34.6	323.4	63,000*	41.2	342.0	72,400*	46.9	354.9	82,900*	52.0	363.2	83,500	215
220	32.3	315.6	60,400*	39.2	335.9	69,400*	45.1	349.9	79,800*	50.3	359.1	80,800	220
225	29.9	307.0	57,900*	37.2	329.4	66,500*	43.3	344.7	76,300*	48.7	354.7	78,300	225
230	27.2	297.6	55,600*	35.0	322.4	63,700*	41.5	339.0	73,100*	47.0	350.1	75,800	230
235	24.2	286.8	53,300*	32.8	314.7	61,100*	39.5	333.0	70,000*	45.2	345.1	73,500	235
240	20.9	274.4	51,000*	30.3	306.4	58,700*	37.5	326.6	67,100*	43.4	339.9	71,300	240
245	16.9	259.1	47,400*	27.7	297.1	56,300*	35.3	319.6	64,400*	41.6	334.3	69,200	245
250	11.6	238.3	40,000*	24.8	286.6	54,000*	33.1	312.1	61,700*	39.6	328.3	67,100	250
255				21.6	274.5	51,800*	30.7	303.8	59,200*	37.6	321.9	65,200	255
260				17.7	259.9	49,400*	28.1	294.6	56,800*	35.5	314.9	63,300	260
265				12.7	240.6	46,400*	25.2	284.4	54,600*	33.2	307.4	61,400	265
270				1.8	197.0	33,600*	22.0	272.5	52,300*	30.8	299.2	59,600*	270
275							18.3	258.3	50,200*	28.2	290.1	57,200*	275
280							13.5	239.9	47,600*	25.4	279.9	54,900*	280
285							5.2	207.0	41,700*	22.2	268.1	52,700*	285
290										18.5	254.1	50,600*	290
295										13.8	236.1	48,100*	295
300										6.1	205.3	45,200*	300

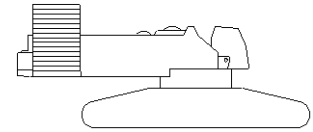


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



180 Ft. Boom, 240 Ft. Luffing Jib

Jib Oper. Rad. Feet	85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	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	72.3	422.8	123,500*										100
105	71.0	421.0	122,600*										105
110	69.7	419.2	121,600*										110
115	68.4	417.2	120,700*										115
120	67.1	415.1	119,000*										120
125	65.8	412.8	115,500*										125
130	64.5	410.5	111,800*										130
135	63.2	407.9	108,300*	67.4	413.1	117,700*							135
140	61.8	405.2	104,700*	66.1	410.9	116,300*							140
145	60.4	402.4	101,300*	64.8	408.5	112,900*							145
150	59.1	399.4	97,800*	63.4	406.0	109,400*							150
155	57.6	396.2	94,400*	62.1	403.4	106,000*							155
160	56.2	392.9	91,100*	60.7	400.6	102,500*							160
165	54.7	389.4	87,800*	59.3	397.6	99,100*							165
170	53.3	385.6	84,700*	57.9	394.5	95,800*	62.3	400.0	105,800*				170
175	51.7	381.7	81,500*	56.5	391.2	92,500*	60.9	397.2	102,600*				175
180	50.2	377.5	78,500*	55.0	387.7	89,200*	59.5	394.3	99,400*				180
185	48.6	373.1	75,600*	53.5	384.0	86,000*	58.1	391.2	96,100*				185
190	47.0	368.5	72,700*	52.0	380.1	82,900*	56.7	387.9	92,900*				190
195	45.3	363.6	69,900*	50.5	376.0	79,800*	55.2	384.4	89,800*				195
200	43.6	358.4	67,300*	48.9	371.6	76,900*	53.7	380.7	86,700*				200
205	41.8	352.8	64,700*	47.3	367.0	74,000*	52.2	376.9	83,600*	56.8	383.0	88,300	205
210	39.9	346.9	62,100*	45.6	362.2	71,200*	50.7	372.8	80,600*	55.3	379.5	85,400	210
215	38.0	340.5	59,700*	43.9	357.0	68,400*	49.1	368.5	77,600*	53.8	375.9	82,600	215
220	36.0	333.7	57,300*	42.1	351.5	65,800*	47.5	363.9	74,700*	52.3	372.0	79,900	220
225	33.9	326.4	55,100*	40.3	345.6	63,200*	45.8	359.1	71,900*	50.8	368.0	77,400	225
230	31.6	318.4	52,900*	38.4	339.4	60,800*	44.1	354.0	69,200*	49.2	363.6	74,900	230
235	29.2	309.6	50,800*	36.4	332.7	58,400*	42.4	348.5	66,600*	47.6	359.1	72,600	235
240	26.6	299.9	48,700*	34.3	325.4	56,100*	40.5	342.7	64,000*	45.9	354.3	70,400	240
245	23.7	288.9	46,800*	32.0	317.6	53,900*	38.6	336.5	61,600*	44.2	349.2	68,300	245
250	20.4	276.1	44,900*	29.7	309.0	51,700*	36.6	329.9	59,200*	42.5	343.7	66,300	250
255	16.5	260.5	42,800*	27.1	299.4	49,700*	34.6	322.7	56,800*	40.6	338.0	64,300	255
260	11.3	239.2	35,900*	24.3	288.7	47,700*	32.4	314.9	54,600*	38.7	331.8	61,900*	260
265				21.1	276.3	45,800*	30.0	306.4	52,500*	36.8	325.2	59,600*	265
270				17.3	261.4	43,900*	27.5	297.0	50,400*	34.7	318.0	57,300*	270
275				12.5	241.6	42,000*	24.7	286.5	48,400*	32.5	310.3	55,000*	275
280				1.7	197.0	30,000*	21.5	274.4	46,500*	30.1	301.8	52,900*	280
285							17.9	259.9	44,700*	27.6	292.5	50,800*	285
290							13.2	241.0	42,900*	24.8	282.0	48,800*	290
295							5.1	207.4	37,800*	21.7	270.0	46,900*	295
300										18.1	255.7	45,000*	300
305										13.5	237.2	43,400*	305
310										5.9	205.7	40,900*	310

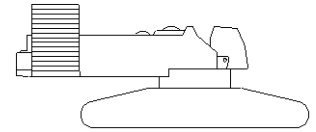


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



200 Ft. Boom, 70 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			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	
45	70.3	280.5	429,300*b													45
50	65.9	278.3	415,900*b	72.2	280.7	435,900*b										50
55	61.2	275.5	403,900*b	67.8	278.7	422,100*b										55
60	56.3	272.2	368,200*	63.2	276.1	409,700*b										60
65	51.0	268.2	324,800*	58.4	273.1	390,400*										65
70	45.3	263.3	289,800*	53.3	269.4	342,300*										70
75	38.9	257.3	261,000*	47.8	264.9	304,100*	65.7	275.0	368,100*b							75
80	31.4	249.5	236,600*	41.7	259.4	272,900*	61.0	272.2	341,900*b							80
85	21.3	238.3	209,100*	34.8	252.5	246,800*	56.1	268.8	319,000*							85
90				26.0	243.1	224,500*	50.8	264.8	298,600*							90
95				11.5	226.1	180,200*	45.1	259.9	280,400*							95
100							38.6	253.8	260,900*	58.4	266.4	254,800				100
105							31.0	245.9	236,700*	53.3	262.7	239,600				105
110							20.7	234.4	215,700*	47.9	258.2	226,000				110
115										41.8	252.8	213,600				115
120										34.8	245.9	202,300	55.4	258.6	190,200	120
125										26.1	236.5	191,900	50.1	254.4	180,600	125
130										11.7	219.7	181,900	44.2	249.4	171,900	130
135													37.7	243.1	163,700	135
140													29.8	234.9	156,100	140
145													18.9	222.5	148,900	145

REFERENCE ONLY!

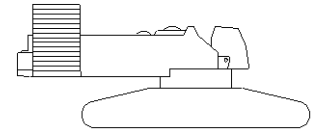


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



200 Ft. Boom, 80 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			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	
45	72.9	291.2	410,800*b													45
50	69.1	289.3	398,100*b													50
55	65.1	286.9	386,400*b	70.7	289.5	404,300*b										55
60	61.0	284.2	375,900*	66.8	287.4	392,400*b										60
65	56.8	280.9	337,500*	62.8	284.8	381,500*										65
70	52.2	277.0	301,400*	58.6	281.7	355,600*										70
75	47.4	272.5	271,800*	54.2	278.2	316,100*										75
80	42.1	267.1	246,900*	49.5	273.9	284,000*	65.0	283.6	340,800*b							80
85	36.2	260.5	225,600*	44.4	268.9	257,200*	60.9	280.9	317,900*							85
90	29.1	252.0	207,200*	38.8	262.9	234,500*	56.6	277.6	297,700*							90
95	19.7	239.8	188,900*	32.3	255.3	215,000*	52.0	273.7	279,600*							95
100				24.2	245.1	197,800*	47.2	269.1	263,400*	62.8	278.1	253,900				100
105				10.6	226.8	163,700*	41.9	263.6	246,800*	58.6	275.1	238,800				105
110							35.9	257.0	225,700*	54.2	271.5	225,300				110
115							28.8	248.4	207,400*	49.5	267.3	213,000				115
120							19.2	236.0	191,100*	44.5	262.2	201,900				120
125										38.9	256.2	191,700	56.0	267.3	179,700	125
130										32.4	248.6	182,300	51.4	263.4	171,100	130
135										24.3	238.5	173,600	46.5	258.7	163,100	135
140										10.8	220.4	165,100	41.1	253.1	155,600	140
145													35.0	246.2	148,700	145
150													27.7	237.3	142,200	150
155													17.5	223.9	136,000	155

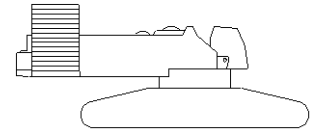


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	
45	74.9	301.7	393,400*b													45
50	71.5	300.0	381,700*b													50
55	68.1	298.0	370,600*b	73.0	300.2	387,600*b										55
60	64.6	295.6	360,500*	69.6	298.3	376,600*b										60
65	60.9	292.8	346,900*	66.1	296.1	366,200*										65
70	57.1	289.6	310,000*	62.5	293.5	356,600*										70
75	53.2	285.9	279,700*	58.8	290.4	325,000*										75
80	49.0	281.6	254,300*	54.9	286.9	292,100*	67.9	294.7	340,000*b							80
85	44.4	276.5	232,700*	50.8	282.9	264,800*	64.4	292.3	317,200*							85
90	39.5	270.6	214,000*	46.4	278.2	241,700*	60.8	289.5	297,100*							90
95	33.9	263.4	197,700*	41.7	272.6	221,900*	57.0	286.3	279,100*							95
100	27.3	254.3	183,300*	36.4	266.0	204,700*	53.0	282.5	263,000*							100
105	18.5	241.3	170,200*	30.3	257.9	189,500*	48.8	278.2	248,500*	62.5	286.8	238,300				105
110				22.7	247.0	175,900*	44.2	273.1	232,700*	58.8	283.7	224,800				110
115				9.8	227.5	149,900*	39.3	267.1	214,200*	54.9	280.2	212,600				115
120							33.7	259.9	198,000*	50.8	276.2	201,600				120
125							27.0	250.7	183,600*	46.4	271.5	191,500				125
130							18.0	237.4	170,500*	41.7	266.0	182,200	56.4	276.0	170,500	130
135										36.4	259.4	173,700	52.4	272.2	162,600	135
140										30.4	251.2	165,700	48.2	267.8	155,300	140
145										22.7	240.4	158,300	43.6	262.6	148,500	145
150										10.0	221.1	151,000	38.6	256.5	142,100	150
155													32.9	249.1	136,200	155
160													26.0	239.5	130,600	160
165													16.4	225.2	125,100	165

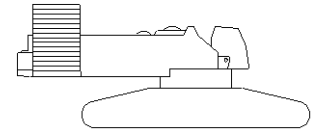


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



200 Ft. Boom, 100 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			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	
50	73.4	310.6	364,600*b													50
55	70.4	308.8	354,500*b													55
60	67.3	306.7	344,900*	71.7	309.0	360,100*b										60
65	64.1	304.3	336,000*	68.6	307.0	350,500*										65
70	60.8	301.5	316,900*	65.5	304.7	341,500*										70
75	57.4	298.3	285,800*	62.2	302.1	332,200*										75
80	53.9	294.7	259,900*	58.9	299.1	298,500*										80
85	50.2	290.5	237,800*	55.4	295.6	270,600*	67.2	303.4	315,900*							85
90	46.2	285.8	218,900*	51.8	291.7	247,000*	64.0	301.0	295,800*							90
95	42.0	280.3	202,400*	47.9	287.3	226,800*	60.7	298.2	278,000*							95
100	37.3	273.9	187,900*	43.8	282.1	209,400*	57.3	295.0	261,900*							100
105	32.1	266.2	174,900*	39.4	276.1	194,000*	53.7	291.3	247,500*							105
110	25.8	256.5	163,300*	34.4	269.1	180,500*	50.0	287.1	234,400*	62.3	295.4	223,800				110
115	17.4	242.7	152,600*	28.6	260.3	168,300*	46.0	282.4	219,000*	58.9	292.4	211,700				115
120				21.4	248.7	157,300*	41.8	276.9	202,600*	55.4	289.0	200,700				120
125				9.2	228.1	136,800*	37.1	270.4	188,100*	51.8	285.1	190,700				125
130							31.8	262.6	175,200*	48.0	280.6	181,500				130
135							25.5	252.8	163,600*	43.9	275.5	173,100	56.8	284.7	161,600	135
140							17.0	238.8	152,900*	39.4	269.5	165,300	53.2	281.0	154,300	140
145										34.4	262.4	158,000	49.5	276.8	147,600	145
150										28.7	253.7	151,200	45.5	271.9	141,300	150
155										21.5	242.2	144,800	41.2	266.3	135,500	155
160										9.4	221.8	138,500	36.4	259.7	130,000	160
165													31.0	251.7	124,800	165
170													24.5	241.5	119,900	170
175													15.4	226.4	115,200	175

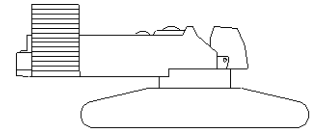


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	
50	75.0	321.1	343,700*b													50
55	72.3	319.5	340,000*b													55
60	69.5	317.6	328,800*													60
65	66.6	315.4	317,000*	70.7	317.8	335,900*										65
70	63.7	312.9	305,800*	67.9	315.8	324,100*										70
75	60.8	310.1	289,800*	65.0	313.4	312,800*										75
80	57.7	307.0	263,600*	62.0	310.8	301,800*										80
85	54.5	303.4	241,300*	59.0	307.8	274,400*										85
90	51.1	299.4	222,200*	55.8	304.4	250,600*	66.5	312.1	295,000*							90
95	47.6	294.9	205,500*	52.6	300.6	230,200*	63.6	309.6	277,200*							95
100	43.9	289.7	190,900*	49.1	296.3	212,500*	60.6	306.8	261,200*							100
105	39.9	283.9	178,000*	45.5	291.4	197,100*	57.5	303.6	246,800*							105
110	35.5	277.0	166,400*	41.6	285.9	183,500*	54.3	300.1	233,700*							110
115	30.5	268.9	155,900*	37.4	279.5	171,300*	51.0	296.0	221,900*	62.1	304.1	211,100				115
120	24.5	258.6	146,300*	32.7	271.9	160,400*	47.5	291.5	205,600*	59.0	301.1	200,100				120
125	16.5	244.1	137,400*	27.2	262.7	150,500*	43.7	286.3	191,100*	55.9	297.7	190,100				125
130				20.3	250.4	141,400*	39.7	280.4	178,200*	52.6	293.9	181,000				130
135				8.7	228.8	123,100*	35.3	273.5	166,600*	49.2	289.6	172,600				135
140							30.2	265.3	156,200*	45.5	284.7	164,900	57.1	293.5	153,700	140
145							24.2	254.9	146,700*	41.7	279.2	157,700	53.9	289.8	147,000	145
150							16.1	240.1	137,800*	37.4	272.8	151,000	50.5	285.7	140,800	150
155										32.7	265.3	144,800	47.0	281.1	135,000	155
160										27.2	256.0	138,900	43.2	275.8	129,600	160
165										20.4	243.9	133,300	39.1	269.8	124,500	165
170										8.9	222.4	127,800	34.6	262.7	119,700	170
175													29.5	254.3	115,200	175
180													23.3	243.5	110,800	180
185													14.6	227.6	106,600	185

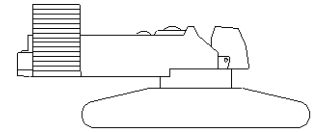


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



200 Ft. Boom, 120 Ft. Luffing Jib

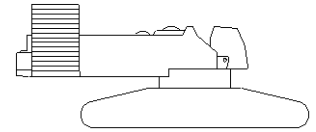
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point 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	
55	73.8	330.0	325,800*													55
60	71.3	328.3	317,700*													60
65	68.7	326.3	307,700*	72.3	328.5	322,800*										65
70	66.1	324.1	296,400*	69.8	326.6	314,400*										70
75	63.4	321.6	285,700*	67.2	324.5	303,100*										75
80	60.7	318.8	266,000*	64.6	322.1	292,300*										80
85	57.9	315.7	243,500*	61.9	319.4	276,900*										85
90	55.0	312.2	224,200*	59.1	316.4	252,800*										90
95	51.9	308.3	207,400*	56.2	313.1	232,300*	66.0	320.8	275,800*							95
100	48.8	303.9	192,700*	53.2	309.4	214,500*	63.3	318.3	259,900*							100
105	45.4	299.0	179,700*	50.1	305.2	199,000*	60.6	315.5	245,600*							105
110	41.9	293.5	168,100*	46.9	300.6	185,300*	57.7	312.3	232,600*							110
115	38.1	287.3	157,600*	43.4	295.3	173,100*	54.8	308.8	220,700*							115
120	33.8	280.0	148,200*	39.7	289.4	162,100*	51.8	304.9	207,500*	61.9	312.7	199,100				120
125	29.1	271.4	139,500*	35.7	282.6	152,300*	48.6	300.5	192,900*	59.1	309.7	189,200				125
130	23.4	260.6	131,500*	31.2	274.6	143,300*	45.3	295.6	179,900*	56.2	306.4	180,100				130
135	15.7	245.3	123,700*	26.0	264.9	135,000*	41.7	290.1	168,300*	53.3	302.7	171,700				135
140				19.4	252.0	127,400*	37.9	283.8	157,900*	50.2	298.5	164,000				140
145				8.3	229.4	109,000*	33.7	276.5	148,500*	46.9	293.9	156,900	57.4	302.1	145,900	145
150							28.9	267.8	139,900*	43.4	288.7	150,300	54.4	298.6	139,800	150
155							23.1	256.8	131,900*	39.7	282.8	144,100	51.4	294.6	134,000	155
160							15.3	241.3	124,400*	35.7	276.0	138,300	48.2	290.1	128,700	160
165										31.2	268.0	132,900	44.8	285.2	123,600	165
170										26.0	258.3	127,800	41.2	279.5	118,900	170
175										19.4	245.5	122,800	37.3	273.1	114,500	175
180										8.4	223.0	118,000	33.0	265.6	110,300	180
185													28.2	256.7	106,200	185
190													22.2	245.4	102,400	190
195													13.9	228.7	98,600	195

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	72.8	338.9	304,100*													60
65	70.4	337.1	296,500*													65
70	68.1	335.1	285,600*	71.4	337.3	301,800*										70
75	65.6	332.8	275,200*	69.1	335.4	291,900*										75
80	63.2	330.3	265,200*	66.7	333.2	281,400*										80
85	60.6	327.5	247,600*	64.2	330.8	271,300*										85
90	58.0	324.3	228,000*	61.7	328.1	257,000*										90
95	55.4	320.9	210,900*	59.1	325.1	236,100*	68.0	331.8	275,700*							95
100	52.6	317.1	196,000*	56.5	321.8	218,100*	65.5	329.5	259,900*							100
105	49.7	312.9	182,800*	53.8	318.1	202,300*	63.1	327.0	245,500*							105
110	46.7	308.2	171,000*	50.9	314.1	188,400*	60.5	324.1	232,600*							110
115	43.5	303.0	160,500*	48.0	309.6	176,100*	57.9	321.0	220,800*							115
120	40.1	297.1	151,000*	44.9	304.6	165,000*	55.2	317.5	210,000*							120
125	36.5	290.5	142,300*	41.6	299.1	155,100*	52.5	313.7	196,100*	61.7	321.4	189,100				125
130	32.4	282.8	134,400*	38.0	292.8	146,100*	49.6	309.5	183,000*	59.2	318.4	180,100				130
135	27.9	273.8	127,000*	34.2	285.6	137,800*	46.6	304.8	171,200*	56.5	315.1	171,700				135
140	22.4	262.5	120,200*	29.9	277.2	130,300*	43.4	299.5	160,700*	53.8	311.5	164,100				140
145	15.1	246.6	109,500*	24.9	267.0	123,300*	40.0	293.7	151,200*	51.0	307.4	157,000				145
150				18.6	253.6	116,700*	36.3	287.0	142,600*	48.0	303.0	150,400	57.6	310.8	139,700	150
155				7.9	229.9	96,900*	32.2	279.3	134,700*	44.9	298.0	144,200	54.9	307.3	134,000	155
160							27.7	270.1	127,400*	41.6	292.4	138,500	52.1	303.4	128,700	160
165							22.2	258.7	120,600*	38.1	286.2	133,100	49.2	299.1	123,700	165
170							14.7	242.5	114,100*	34.2	279.0	128,100	46.1	294.4	119,000	170
175										29.9	270.6	123,300	42.9	289.1	114,600	175
180										24.9	260.4	118,800	39.5	283.1	110,400	180
185										18.6	247.0	114,400	35.8	276.3	106,500	185
190										8.0	223.6	110,100	31.7	268.4	102,700	190
195													27.0	259.0	99,100	195
200													21.3	247.2	95,700	200
205													13.3	229.7	92,300	205

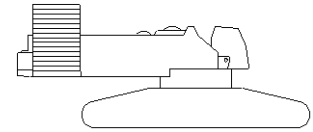


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



200 Ft. Boom, 140 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			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	74.0	349.4	282,600*													60
65	71.9	347.7	281,800*													65
70	69.7	345.9	276,500*	72.8	347.9	282,800*										70
75	67.5	343.8	266,300*	70.6	346.1	282,300*										75
80	65.2	341.5	256,500*	68.4	344.1	272,200*										80
85	62.9	338.9	247,000*	66.2	341.9	262,300*										85
90	60.6	336.1	228,100*	63.9	339.5	252,700*										90
95	58.2	333.0	211,100*	61.6	336.7	236,300*										95
100	55.7	329.6	196,100*	59.2	333.8	218,200*	67.4	340.5	258,600*							100
105	53.2	325.9	182,900*	56.8	330.5	202,400*	65.1	338.2	244,300*							105
110	50.5	321.8	171,100*	54.2	326.9	188,500*	62.8	335.6	231,400*							110
115	47.7	317.3	160,600*	51.6	323.0	176,200*	60.5	332.8	219,600*							115
120	44.9	312.3	151,100*	48.9	318.6	165,100*	58.1	329.7	208,800*							120
125	41.8	306.7	142,400*	46.1	313.9	155,200*	55.6	326.3	196,200*							125
130	38.6	300.6	134,600*	43.1	308.6	146,200*	53.0	322.5	183,000*	61.6	330.0	179,100				130
135	35.0	293.6	127,300*	40.0	302.7	138,000*	50.4	318.4	171,300*	59.2	327.1	170,800				135
140	31.2	285.6	120,600*	36.6	296.1	130,500*	47.6	313.9	160,800*	56.8	323.8	163,200				140
145	26.8	276.1	114,400*	32.9	288.5	123,600*	44.7	308.9	151,300*	54.3	320.2	156,100				145
150	21.5	264.3	108,600*	28.7	279.7	117,200*	41.7	303.3	142,700*	51.7	316.3	149,500				150
155	14.5	247.7	99,000*	23.9	269.0	111,200*	38.4	297.1	134,800*	49.0	312.0	143,400	57.7	319.5	133,000	155
160				17.8	255.1	105,500*	34.9	290.1	127,600*	46.1	307.2	137,700	55.3	316.0	127,700	160
165				7.5	230.5	87,900*	31.0	282.0	121,000*	43.2	301.9	132,400	52.7	312.2	122,700	165
170							26.6	272.4	114,800*	40.0	296.0	127,400	50.0	308.1	118,100	170
175							21.3	260.5	109,000*	36.6	289.4	122,700	47.2	303.5	113,700	175
180							14.1	243.6	103,400*	32.9	281.9	118,200	44.3	298.4	109,600	180
185										28.8	273.1	114,000	41.2	292.8	105,700	185
190										23.9	262.4	110,000	38.0	286.5	102,000	190
195										17.9	248.5	106,100	34.4	279.3	98,500	195
200										7.7	224.1	100,800*	30.4	271.1	95,100	200
205													25.9	261.3	91,900	205
210													20.5	248.9	88,800	210
215													12.8	230.8	85,800	215

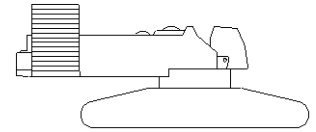


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	73.1	358.3	244,800*													65
70	71.1	356.6	238,300*													70
75	69.1	354.7	231,900*	72.0	356.7	242,200*										75
80	67.0	352.5	225,600*	69.9	354.9	235,900*										80
85	64.9	350.2	219,400*	67.9	352.9	229,700*										85
90	62.7	347.6	213,500*	65.8	350.6	223,600*										90
95	60.5	344.8	207,800*	63.7	348.1	217,700*										95
100	58.3	341.7	197,000*	61.5	345.4	211,900*										100
105	56.0	338.3	183,800*	59.3	342.4	203,400*	66.9	349.2	228,000*							105
110	53.6	334.6	171,900*	57.0	339.2	189,400*	64.8	346.9	222,500*							110
115	51.2	330.6	161,300*	54.6	335.6	177,000*	62.6	344.3	217,100*							115
120	48.6	326.3	151,800*	52.2	331.8	165,900*	60.5	341.5	207,900*							120
125	46.0	321.5	143,100*	49.7	327.6	155,900*	58.2	338.4	197,000*							125
130	43.2	316.2	135,200*	47.1	323.0	146,900*	55.9	335.0	183,800*							130
135	40.3	310.4	128,000*	44.4	317.9	138,700*	53.5	331.3	172,100*	61.5	338.7	170,100				135
140	37.2	303.9	121,300*	41.6	312.3	131,200*	51.1	327.3	161,500*	59.3	335.7	162,500				140
145	33.8	296.6	115,200*	38.5	306.1	124,300*	48.5	322.9	152,000*	57.0	332.5	155,400				145
150	30.1	288.2	109,500*	35.3	299.2	117,900*	45.9	318.1	143,400*	54.7	329.0	148,900				150
155	25.8	278.3	104,100*	31.7	291.3	112,000*	43.1	312.8	135,500*	52.3	325.1	142,800				155
160	20.8	266.0	99,000*	27.7	282.1	106,500*	40.2	306.9	128,300*	49.8	320.9	137,100	57.9	328.2	126,900	160
165	13.9	248.9	88,000*	23.0	271.0	101,300*	37.0	300.4	121,700*	47.2	316.3	131,800	55.6	324.8	122,000	165
170				17.2	256.5	96,400*	33.6	293.0	115,500*	44.4	311.2	126,800	53.2	321.0	117,300	170
175				7.2	231.0	78,300*	29.9	284.6	109,800*	41.6	305.7	122,100	50.7	317.0	113,000	175
180							25.6	274.6	104,500*	38.5	299.5	117,700	48.2	312.5	108,900	180
185							20.5	262.2	99,400*	35.3	292.5	113,600	45.5	307.6	105,000	185
190							13.6	244.7	94,500*	31.7	284.7	109,600	42.7	302.3	101,400	190
195										27.7	275.5	105,800	39.8	296.4	97,900	195
200										23.1	264.4	102,200*	36.6	289.7	94,600	200
205										17.2	249.9	97,200*	33.2	282.2	91,500	205
210										7.4	224.7	92,200*	29.3	273.6	88,500	210
215													25.0	263.4	85,600	215
220													19.7	250.6	82,800	220
225													12.3	231.7	80,000	225

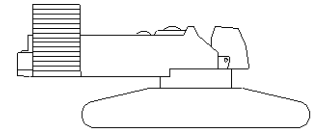


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



200 Ft. Boom, 160 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			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	74.2	368.8	234,200*													65
70	72.3	367.2	229,400*													70
75	70.4	365.4	223,100*													75
80	68.5	363.4	216,800*	71.3	365.6	226,900*										80
85	66.6	361.2	210,700*	69.3	363.7	220,700*										85
90	64.6	358.9	204,700*	67.4	361.6	214,600*										90
95	62.6	356.3	198,900*	65.4	359.3	208,600*										95
100	60.5	353.4	193,200*	63.4	356.8	202,800*										100
105	58.4	350.4	183,400*	61.4	354.1	197,200*										105
110	56.3	347.0	171,600*	59.3	351.1	189,100*	66.5	358.0	212,900*							110
115	54.1	343.4	161,000*	57.2	347.9	176,600*	64.5	355.6	207,400*							115
120	51.8	339.5	151,500*	55.0	344.4	165,500*	62.5	353.0	202,000*							120
125	49.4	335.2	142,800*	52.7	340.6	155,600*	60.4	350.1	196,700*							125
130	47.0	330.6	134,900*	50.4	336.5	146,600*	58.3	347.0	183,500*							130
135	44.4	325.5	127,700*	48.0	332.0	138,300*	56.2	343.7	171,700*							135
140	41.8	320.0	121,100*	45.5	327.1	130,900*	54.0	340.0	161,200*	61.4	347.4	161,500				140
145	38.9	313.9	115,000*	42.9	321.8	124,000*	51.7	336.1	151,600*	59.3	344.4	154,500				145
150	35.9	307.1	109,300*	40.2	315.9	117,700*	49.3	331.8	143,000*	57.2	341.2	147,900				150
155	32.6	299.5	104,000*	37.2	309.5	111,800*	46.9	327.2	135,200*	55.0	337.7	141,900				155
160	29.0	290.7	99,000*	34.1	302.2	106,300*	44.3	322.1	128,000*	52.8	333.9	136,200				160
165	25.0	280.5	94,400*	30.6	294.0	101,300*	41.6	316.5	121,400*	50.4	329.8	130,900	58.0	336.9	121,000	165
170	20.1	267.7	90,000*	26.8	284.4	96,500*	38.8	310.4	115,200*	48.0	325.3	126,000	55.9	333.5	116,300	170
175	13.4	250.0	79,900*	22.3	272.9	92,000*	35.8	303.6	109,600*	45.5	320.5	121,300	53.7	329.8	112,000	175
180				16.6	257.9	87,600*	32.5	295.9	104,300*	42.9	315.1	117,000	51.4	325.8	107,900	180
185				7.0	231.5	71,200*	28.9	287.1	99,400*	40.2	309.3	112,800	49.0	321.5	104,100	185
190							24.8	276.8	94,700*	37.2	302.8	108,900	46.5	316.8	100,500	190
195							19.8	263.9	90,300*	34.1	295.6	105,200	44.0	311.6	97,000	195
200							13.1	245.8	86,000*	30.7	287.3	101,600	41.3	306.0	93,800	200
205										26.8	277.8	97,300*	38.4	299.8	90,600	205
210										22.3	266.3	92,800*	35.4	292.9	87,700	210
215										16.6	251.3	88,400*	32.0	285.1	84,900	215
220										7.1	225.2	83,900*	28.4	276.1	82,100	220
225													24.2	265.5	79,500	225
230													19.1	252.1	77,000	230
235													11.9	232.7	74,400	235

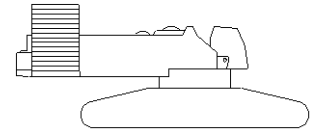


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	
70	73.4	377.7	215,200*													70
75	71.6	376.0	212,900*													75
80	69.9	374.2	206,900*	72.4	376.1	215,200*										80
85	68.0	372.2	200,900*	70.6	374.4	210,500*										85
90	66.2	370.0	195,100*	68.8	372.4	204,600*										90
95	64.3	367.5	189,300*	67.0	370.3	198,800*										95
100	62.4	364.9	183,800*	65.1	368.0	193,100*										100
105	60.5	362.1	178,400*	63.2	365.5	187,500*										105
110	58.5	359.0	173,200*	61.3	362.7	182,100*	68.0	368.9	202,400*							110
115	56.5	355.7	162,400*	59.4	359.7	176,700*	66.1	366.7	197,100*							115
120	54.4	352.1	152,800*	57.3	356.5	167,000*	64.2	364.2	191,800*							120
125	52.3	348.3	144,000*	55.3	353.1	156,900*	62.3	361.6	186,600*							125
130	50.1	344.1	136,100*	53.2	349.4	147,800*	60.4	358.8	181,400*							130
135	47.8	339.6	128,800*	51.0	345.3	139,500*	58.4	355.7	173,200*							135
140	45.5	334.7	122,100*	48.8	341.0	132,000*	56.4	352.4	162,600*							140
145	43.0	329.4	116,000*	46.5	336.3	125,000*	54.3	348.8	152,900*	61.3	356.0	154,300				145
150	40.4	323.6	110,300*	44.1	331.1	118,700*	52.2	344.9	144,200*	59.4	353.1	147,800				150
155	37.7	317.2	105,000*	41.5	325.5	112,800*	50.0	340.7	136,300*	57.4	349.9	141,700				155
160	34.8	310.2	100,000*	38.9	319.4	107,300*	47.7	336.2	129,000*	55.3	346.4	136,100				160
165	31.6	302.2	95,400*	36.0	312.7	102,200*	45.4	331.3	122,400*	53.2	342.7	130,800				165
170	28.1	293.2	91,000*	33.0	305.1	97,500*	42.9	326.0	116,200*	51.1	338.7	125,900				170
175	24.2	282.5	86,900*	29.7	296.6	93,000*	40.3	320.2	110,600*	48.8	334.3	121,200	56.1	342.2	111,800	175
180	19.4	269.4	83,000*	25.9	286.7	88,800*	37.6	313.8	105,300*	46.5	329.6	116,900	54.0	338.6	107,800	180
185	13.0	251.0	72,100*	21.6	274.8	84,800*	34.7	306.7	100,300*	44.1	324.5	112,700	51.9	334.6	103,900	185
190				16.1	259.2	80,500*	31.5	298.7	95,700*	41.6	318.9	108,800	49.7	330.4	100,300	190
195				6.7	232.0	64,300*	28.0	289.6	91,400*	38.9	312.8	105,200	47.4	325.9	96,900	195
200							24.0	278.8	87,300*	36.1	306.0	101,600	45.0	320.9	93,600	200
205							19.2	265.5	83,400*	33.0	298.5	98,200*	42.6	315.5	90,600	205
210							12.7	246.8	79,400*	29.7	289.9	93,800*	40.0	309.6	87,600	210
215										26.0	280.1	89,600*	37.2	303.1	84,800	215
220										21.6	268.2	85,500*	34.2	295.9	82,100	220
225										16.1	252.7	81,700*	31.0	287.8	79,600	225
230										6.9	225.7	77,100*	27.5	278.5	77,100	230
235													23.4	267.5	74,700	235
240													18.5	253.7	72,400	240
245													11.5	233.6	70,100	245

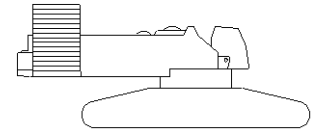


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



200 Ft. Boom, 180 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			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	
70	74.4	388.1	199,100*													70
75	72.7	386.6	198,500*													75
80	71.0	384.9	198,200*													80
85	69.3	383.0	193,100*	71.7	385.0	198,500*										85
90	67.6	380.9	187,300*	70.0	383.2	196,500*										90
95	65.9	378.6	181,700*	68.3	381.2	190,800*										95
100	64.1	376.2	176,200*	66.6	379.0	185,200*										100
105	62.3	373.6	170,800*	64.8	376.7	179,700*										105
110	60.5	370.7	165,600*	63.1	374.1	174,300*										110
115	58.6	367.7	160,500*	61.2	371.4	169,000*	67.5	377.6	188,700*							115
120	56.7	364.4	152,300*	59.4	368.4	163,900*	65.8	375.4	183,500*							120
125	54.7	360.9	143,500*	57.5	365.2	156,400*	64.0	372.9	178,300*							125
130	52.7	357.1	135,600*	55.6	361.8	147,300*	62.2	370.3	173,200*							130
135	50.7	353.0	128,300*	53.6	358.1	139,000*	60.4	367.4	168,200*							135
140	48.6	348.6	121,600*	51.6	354.2	131,400*	58.5	364.4	162,000*							140
145	46.4	343.9	115,500*	49.5	349.9	124,500*	56.6	361.1	152,400*							145
150	44.1	338.8	109,800*	47.3	345.3	118,200*	54.7	357.5	143,700*	61.3	364.7	146,800				150
155	41.7	333.2	104,500*	45.1	340.4	112,300*	52.7	353.7	135,700*	59.4	361.7	140,800				155
160	39.2	327.1	99,600*	42.7	335.0	106,800*	50.6	349.6	128,500*	57.5	358.5	135,200				160
165	36.6	320.5	95,000*	40.3	329.2	101,800*	48.5	345.2	121,800*	55.6	355.1	129,900				165
170	33.7	313.2	90,700*	37.7	322.8	97,000*	46.3	340.5	115,700*	53.6	351.5	125,000				170
175	30.7	304.9	86,600*	35.0	315.8	92,600*	44.0	335.3	110,000*	51.6	347.5	120,400				175
180	27.3	295.5	82,800*	32.0	307.9	88,500*	41.6	329.8	104,800*	49.5	343.2	116,000	56.3	350.9	106,800	180
185	23.5	284.5	79,200*	28.8	299.1	84,500*	39.1	323.7	99,900*	47.3	338.7	111,900	54.4	347.3	103,000	185
190	18.8	271.0	75,700*	25.2	288.9	80,800*	36.5	317.0	95,300*	45.1	333.7	108,000	52.4	343.5	99,400	190
195	12.6	252.1	65,500*	20.9	276.5	77,300*	33.6	309.6	91,000*	42.8	328.4	104,400	50.3	339.3	96,000	195
200				15.6	260.5	73,300*	30.5	301.4	86,900*	40.3	322.5	100,900	48.2	334.9	92,700	200
205				6.5	232.5	58,500*	27.1	291.9	83,100*	37.7	316.1	97,600	46.0	330.1	89,700	205
210							23.3	280.8	79,500*	35.0	309.1	93,300*	43.7	324.9	86,700	210
215							18.6	267.1	76,000*	32.0	301.3	89,200*	41.3	319.2	84,000	215
220							12.3	247.8	72,500*	28.8	292.5	85,200*	38.8	313.1	81,300	220
225										25.2	282.2	81,500*	36.1	306.3	78,800	225
230										21.0	270.0	78,000*	33.2	298.8	76,300	230
235										15.6	254.0	74,500*	30.1	290.4	74,000	235
240										6.6	226.2	70,400*	26.7	280.8	71,700	240
245													22.7	269.4	69,600	245
250													17.9	255.2	67,400	250
255													11.1	234.5	65,300	255

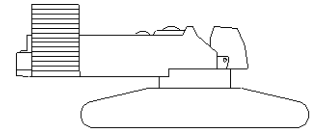


Liftcrane Luffing Jib Capacities

18000

**Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating**

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	73.6	397.1	179,100*													75
80	72.1	395.5	178,600*													80
85	70.5	393.7	175,600*	72.7	395.6	178,100*										85
90	68.8	391.7	171,700*	71.1	393.9	178,100*										90
95	67.2	389.6	167,700*	69.5	392.0	174,300*										95
100	65.6	387.4	163,900*	67.9	389.9	170,500*										100
105	63.9	384.9	160,000*	66.3	387.7	166,700*										105
110	62.2	382.2	156,100*	64.6	385.4	162,900*										110
115	60.4	379.4	152,100*	62.9	382.8	159,000*										115
120	58.7	376.4	148,100*	61.2	380.0	155,000*	67.1	386.3	169,100*							120
125	56.9	373.1	143,400*	59.4	377.1	151,000*	65.5	384.0	165,700*							125
130	55.0	369.6	135,400*	57.6	373.9	146,800*	63.8	381.6	162,200*							130
135	53.1	365.9	128,100*	55.8	370.5	138,900*	62.1	378.9	158,500*							135
140	51.2	361.9	121,500*	53.9	366.9	131,300*	60.4	376.1	154,700*							140
145	49.2	357.6	115,300*	52.0	363.0	124,400*	58.6	373.0	150,700*							145
150	47.2	353.0	109,600*	50.1	358.8	118,000*	56.8	369.8	143,500*	62.9	376.1	146,100				150
155	45.1	348.0	104,300*	48.1	354.4	112,100*	54.9	366.3	135,600*	61.2	373.4	140,000				155
160	42.8	342.6	99,400*	46.0	349.5	106,700*	53.1	362.5	128,300*	59.4	370.4	134,400				160
165	40.5	336.9	94,800*	43.8	344.4	101,600*	51.1	358.5	121,700*	57.7	367.2	129,200				165
170	38.1	330.6	90,500*	41.5	338.8	96,900*	49.1	354.2	115,500*	55.8	363.8	124,300				170
175	35.5	323.7	86,500*	39.2	332.7	92,500*	47.1	349.6	109,900*	54.0	360.2	119,700				175
180	32.8	316.1	82,700*	36.7	326.1	88,300*	45.0	344.6	104,600*	52.1	356.3	115,300				180
185	29.8	307.5	79,100*	34.0	318.8	84,400*	42.7	339.2	99,700*	50.1	352.1	111,200	56.5	359.6	102,200	185
190	26.5	297.9	75,700*	31.1	310.7	80,800*	40.4	333.4	95,100*	48.1	347.7	107,400	54.7	356.0	98,600	190
195	22.8	286.5	72,500*	28.0	301.5	77,300*	38.0	327.1	90,800*	46.0	342.9	103,700	52.8	352.2	95,200	195
200	18.3	272.5	68,900*	24.4	291.0	74,000*	35.4	320.2	86,800*	43.8	337.7	100,300	50.9	348.2	92,000	200
205	12.3	253.1	58,400*	20.3	278.3	70,800*	32.7	312.5	83,000*	41.5	332.1	97,000	48.9	343.9	88,900	205
210				15.1	261.8	65,500*	29.7	304.0	79,500*	39.2	326.0	93,200*	46.8	339.2	86,000	210
215				6.3	232.9	52,100*	26.4	294.2	76,100*	36.7	319.4	89,000*	44.7	334.1	83,300	215
220							22.6	282.8	72,800*	34.0	312.1	85,100*	42.4	328.7	80,600	220
225							18.1	268.6	69,700*	31.1	304.0	81,400*	40.1	322.9	78,100	225
230							11.9	248.8	66,100*	28.0	294.9	78,000*	37.7	316.5	75,700	230
235										24.5	284.4	74,700*	35.1	309.4	73,400	235
240										20.4	271.7	71,500*	32.3	301.7	71,200	240
245										15.2	255.2	68,400*	29.3	293.0	69,000	245
250										6.4	226.7	63,600*	25.9	283.0	67,000	250
255													22.1	271.3	65,000	255
260													17.4	256.7	63,000	260
265													10.8	235.4	61,100	265

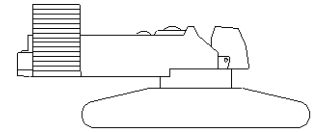


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



200 Ft. Boom, 200 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			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	74.5	407.5	166,400*													75
80	73.0	406.0	165,500*													80
85	71.5	404.3	164,900*													85
90	70.0	402.5	163,300*	72.1	404.4	164,700*										90
95	68.4	400.5	159,900*	70.6	402.7	164,600*										95
100	66.9	398.4	156,000*	69.1	400.7	162,400*										100
105	65.3	396.0	152,200*	67.5	398.7	158,600*										105
110	63.7	393.6	148,300*	65.9	396.4	154,800*										110
115	62.1	390.9	144,500*	64.4	394.0	151,000*										115
120	60.4	388.1	140,600*	62.7	391.5	147,200*										120
125	58.7	385.0	136,700*	61.1	388.7	143,300*	66.8	395.1	157,200*							125
130	57.0	381.8	132,700*	59.4	385.7	139,400*	65.2	392.7	153,800*							130
135	55.3	378.3	127,500*	57.8	382.6	135,400*	63.6	390.3	150,300*							135
140	53.5	374.6	120,800*	56.0	379.2	130,600*	62.0	387.6	146,600*							140
145	51.7	370.7	114,600*	54.3	375.6	123,700*	60.3	384.7	142,800*							145
150	49.8	366.5	108,900*	52.5	371.8	117,300*	58.7	381.7	138,900*							150
155	47.9	362.0	103,700*	50.6	367.7	111,400*	57.0	378.5	134,900*	62.8	384.8	139,100				155
160	45.9	357.2	98,800*	48.7	363.3	106,000*	55.2	375.0	127,600*	61.1	382.0	133,500				160
165	43.8	352.0	94,200*	46.7	358.6	100,900*	53.4	371.3	121,000*	59.5	379.1	128,200				165
170	41.7	346.4	89,900*	44.7	353.6	96,200*	51.6	367.3	114,800*	57.8	375.9	123,300				170
175	39.4	340.4	85,900*	42.6	348.2	91,800*	49.7	363.1	109,200*	56.0	372.5	118,700				175
180	37.1	333.9	82,100*	40.4	342.4	87,700*	47.8	358.6	103,900*	54.3	369.0	114,400				180
185	34.6	326.7	78,600*	38.1	336.1	83,800*	45.8	353.8	99,000*	52.5	365.1	110,300				185
190	31.9	318.9	75,200*	35.7	329.2	80,200*	43.7	348.6	94,500*	50.6	361.0	106,500	56.7	368.3	97,600	190
195	29.0	310.1	72,000*	33.1	321.7	76,800*	41.6	343.0	90,200*	48.7	356.7	102,900	55.0	364.8	94,200	195
200	25.8	300.1	69,000*	30.3	313.3	73,500*	39.4	337.0	86,200*	46.8	352.0	99,400	53.2	361.0	91,000	200
205	22.2	288.4	66,100*	27.2	303.9	70,400*	37.0	330.4	82,400*	44.7	347.0	96,100	51.4	357.0	88,000	205
210	17.8	274.0	62,600*	23.8	293.0	67,400*	34.5	323.2	78,900*	42.6	341.6	92,500*	49.5	352.8	85,100	210
215	11.9	254.0	53,000*	19.8	280.0	64,600*	31.8	315.3	75,500*	40.4	335.8	88,400*	47.5	348.2	82,300	215
220				14.7	263.0	59,600*	28.9	306.5	72,300*	38.1	329.5	84,500*	45.5	343.4	79,700	220
225				6.1	233.4	47,200*	25.7	296.5	69,300*	35.7	322.6	80,800*	43.5	338.1	77,200	225
230							22.0	284.7	66,400*	33.1	315.1	77,400*	41.3	332.5	74,800	230
235							17.6	270.1	63,600*	30.3	306.7	74,100*	39.0	326.4	72,500	235
240							11.6	249.7	60,300*	27.3	297.3	71,000*	36.7	319.7	70,300	240
245										23.8	286.4	68,100*	34.1	312.5	68,200	245
250										19.8	273.4	65,200*	31.4	304.5	66,200	250
255										14.8	256.5	62,400*	28.5	295.5	64,300	255
260										6.2	227.1	58,100*	25.2	285.2	62,400	260
265													21.5	273.2	60,500	265
270													16.9	258.1	58,700	270
275													10.5	236.2	56,900	275

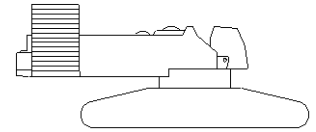


Liftcrane Luffing Jib Capacities

18000

**Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating**

**Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5**



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			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	
80	73.8	416.5	152,600*													80
85	72.4	414.9	152,200*													85
90	71.0	413.1	151,700*	73.0	415.0	151,500*										90
95	69.5	411.3	150,300*	71.6	413.3	151,500*										95
100	68.0	409.2	146,500*	70.1	411.5	151,200*										100
105	66.5	407.1	142,800*	68.6	409.5	148,900*										105
110	65.0	404.7	139,000*	67.2	407.4	145,200*										110
115	63.5	402.2	135,300*	65.7	405.1	141,500*										115
120	62.0	399.6	131,500*	64.2	402.7	137,800*										120
125	60.4	396.7	127,800*	62.6	400.1	134,000*	68.0	406.0	145,000*							125
130	58.8	393.7	124,000*	61.1	397.4	130,300*	66.5	403.8	143,900*							130
135	57.2	390.5	120,300*	59.5	394.4	126,500*	65.0	401.4	140,400*							135
140	55.5	387.0	116,600*	57.9	391.3	122,700*	63.4	398.9	136,900*							140
145	53.8	383.4	112,900*	56.2	387.9	119,000*	61.9	396.3	133,300*							145
150	52.1	379.5	109,200*	54.6	384.4	115,200*	60.3	393.4	129,600*							150
155	50.3	375.4	104,200*	52.8	380.6	111,600*	58.7	390.4	125,900*							155
160	48.5	371.0	99,200*	51.1	376.6	106,500*	57.1	387.1	122,200*	62.6	393.4	133,200				160
165	46.6	366.3	94,600*	49.3	372.3	101,400*	55.4	383.7	118,500*	61.1	390.7	128,000				165
170	44.7	361.3	90,300*	47.4	367.7	96,700*	53.8	380.0	114,800*	59.5	387.7	123,100				170
175	42.7	355.9	86,300*	45.5	362.8	92,200*	52.0	376.1	109,700*	57.9	384.6	118,500				175
180	40.6	350.1	82,500*	43.6	357.6	88,100*	50.3	372.0	104,400*	56.2	381.2	114,200				180
185	38.4	343.9	78,900*	41.5	352.0	84,200*	48.4	367.6	99,500*	54.6	377.7	110,100				185
190	36.1	337.1	75,500*	39.4	346.0	80,500*	46.6	362.9	94,900*	52.9	373.9	106,300				190
195	33.7	329.7	72,300*	37.1	339.4	77,100*	44.6	357.8	90,600*	51.1	369.9	102,600	56.9	377.0	94,000	195
200	31.1	321.6	69,300*	34.8	332.3	73,800*	42.6	352.5	86,500*	49.3	365.6	99,200	55.2	373.5	90,800	200
205	28.3	312.6	66,400*	32.2	324.6	70,700*	40.5	346.6	82,800*	47.5	361.0	95,900	53.5	369.8	87,700	205
210	25.2	302.3	63,700*	29.5	315.9	67,800*	38.3	340.4	79,200*	45.6	356.2	92,800	51.8	365.9	84,900	210
215	21.6	290.3	61,000*	26.5	306.2	65,000*	36.0	333.6	75,800*	43.6	350.9	88,700*	50.0	361.7	82,100	215
220	17.4	275.5	57,600*	23.2	295.0	62,300*	33.6	326.2	72,600*	41.5	345.3	84,800*	48.2	357.2	79,500	220
225	11.6	255.0	48,700*	19.3	281.6	59,700*	31.0	318.1	69,600*	39.4	339.3	81,100*	46.3	352.5	77,000	225
230				14.3	264.2	54,900*	28.2	309.0	66,700*	37.2	332.8	77,700*	44.4	347.4	74,600	230
235				5.9	233.8	43,400*	25.0	298.6	64,000*	34.8	325.7	74,400*	42.3	342.0	72,400	235
240							21.5	286.5	61,300*	32.3	317.9	71,300*	40.2	336.1	70,200	240
245							17.2	271.6	58,800*	29.5	309.3	68,400*	38.0	329.8	68,100	245
250							11.3	250.7	55,700*	26.6	299.6	65,600*	35.7	322.9	66,100	250
255										23.2	288.4	62,900*	33.3	315.4	64,100	255
260										19.3	275.0	60,300*	30.6	307.1	62,300	260
265										14.4	257.7	57,700*	27.8	297.9	60,500	265
270										6.1	227.6	53,900*	24.6	287.4	58,700	270
275													20.9	275.0	57,000	275
280													16.5	259.5	55,300	280
285													10.2	237.1	53,600	285

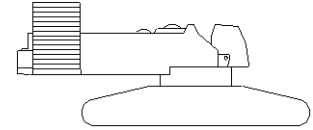


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



200 Ft. Boom, 220 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			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	
80	74.6	426.9	141,700*													80
85	73.2	425.4	141,400*													85
90	71.9	423.7	141,300*													90
95	70.5	422.0	140,000*	72.4	423.9	140,400*										95
100	69.1	420.0	138,800*	71.1	422.1	140,200*										100
105	67.7	418.0	136,000*	69.7	420.3	139,600*										105
110	66.2	415.8	132,300*	68.3	418.3	138,300*										110
115	64.8	413.4	128,600*	66.8	416.1	134,600*										115
120	63.3	410.9	125,000*	65.4	413.8	131,000*										120
125	61.9	408.2	121,300*	64.0	411.4	127,400*										125
130	60.4	405.4	117,700*	62.5	408.8	123,700*	67.6	414.7	134,100*							130
135	58.9	402.4	114,100*	61.0	406.0	120,000*	66.2	412.5	133,300*							135
140	57.3	399.2	110,500*	59.5	403.1	116,400*	64.7	410.1	129,900*							140
145	55.7	395.7	106,900*	58.0	399.9	112,800*	63.3	407.6	126,400*							145
150	54.1	392.1	103,400*	56.4	396.6	109,200*	61.8	404.9	122,900*							150
155	52.5	388.3	100,000*	54.8	393.1	105,600*	60.3	402.1	119,300*							155
160	50.8	384.2	96,600*	53.2	389.4	102,100*	58.8	399.0	115,700*							160
165	49.1	379.9	93,300*	51.5	385.4	98,700*	57.2	395.8	112,100*	62.5	402.1	123,600*				165
170	47.3	375.3	89,700*	49.8	381.2	95,300*	55.7	392.4	108,600*	61.0	399.3	120,300*				170
175	45.5	370.5	85,700*	48.1	376.7	91,600*	54.1	388.8	105,100*	59.5	396.4	117,000*				175
180	43.6	365.2	81,900*	46.3	372.0	87,500*	52.4	385.0	101,600*	58.0	393.3	113,300				180
185	41.7	359.7	78,300*	44.4	366.9	83,600*	50.7	380.9	98,200*	56.4	389.9	109,200				185
190	39.6	353.7	75,000*	42.5	361.5	79,900*	49.0	376.5	94,300*	54.8	386.4	105,400				190
195	37.5	347.2	71,800*	40.5	355.7	76,500*	47.2	371.9	90,000*	53.2	382.7	101,700				195
200	35.3	340.3	68,800*	38.4	349.4	73,200*	45.4	367.0	85,900*	51.5	378.7	98,300	57.0	385.6	89,800	200
205	32.9	332.6	65,900*	36.2	342.7	70,100*	43.5	361.8	82,100*	49.8	374.5	95,100	55.4	382.2	86,700	205
210	30.4	324.3	63,200*	33.9	335.4	67,200*	41.6	356.2	78,600*	48.1	370.0	92,000	53.8	378.5	83,900	210
215	27.6	315.0	60,600*	31.5	327.3	64,400*	39.5	350.2	75,200*	46.3	365.3	88,100*	52.2	374.7	81,200	215
220	24.6	304.4	58,100*	28.8	318.5	61,800*	37.4	343.7	72,100*	44.4	360.2	84,200*	50.5	370.6	78,600	220
225	21.1	292.1	55,700*	25.9	308.5	59,300*	35.2	336.7	69,100*	42.5	354.8	80,500*	48.8	366.2	76,100	225
230	17.0	276.9	51,400*	22.6	297.0	56,800*	32.8	329.1	66,200*	40.5	349.0	77,100*	47.0	361.6	73,700	230
235	11.3	255.9	43,200*	18.8	283.2	54,400*	30.3	320.7	63,500*	38.4	342.8	73,800*	45.2	356.6	71,400	235
240				14.0	265.4	48,900*	27.5	311.4	60,900*	36.3	336.0	70,700*	43.3	351.3	69,300	240
245				5.8	234.3	38,300*	24.4	300.7	58,400*	33.9	328.7	67,800*	41.3	345.7	67,200	245
250							20.9	288.3	56,000*	31.5	320.7	65,000*	39.3	339.6	65,200	250
255							16.8	273.0	53,600*	28.8	311.8	62,400*	37.1	333.1	63,300	255
260							11.0	251.6	49,900*	25.9	301.9	59,900*	34.9	326.0	61,400	260
265										22.7	290.4	57,400*	32.5	318.3	59,600	265
270										18.9	276.6	55,100*	29.9	309.8	57,900	270
275										14.0	258.8	52,600*	27.1	300.3	56,300	275
280										5.9	228.0	48,200*	24.0	289.4	54,600	280
285													20.4	276.7	53,100	285
290													16.1	260.9	51,500	290
295													10.0	237.9	49,900	295

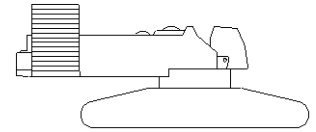


Liftcrane Luffing Jib Capacities

18000

**Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating**

**Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5**



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			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	74.0	435.9	127,400*													85
90	72.7	434.3	127,000*													90
95	71.4	432.6	126,300*													95
100	70.0	430.8	125,200*	71.9	432.7	126,100*										100
105	68.7	428.8	124,100*	70.6	431.0	125,800*										105
110	67.3	426.7	123,100*	69.3	429.0	125,500*										110
115	66.0	424.5	121,900*	67.9	427.0	124,600*										115
120	64.6	422.1	118,500*	66.6	424.9	123,600*										120
125	63.2	419.6	115,100*	65.2	422.5	120,700*										125
130	61.8	416.9	111,700*	63.8	420.1	117,200*										130
135	60.4	414.0	108,200*	62.4	417.5	113,800*	67.3	423.4	120,200*							135
140	58.9	411.0	104,900*	61.0	414.7	110,400*	65.9	421.2	120,100*							140
145	57.4	407.8	101,500*	59.5	411.7	106,900*	64.5	418.8	119,500*							145
150	55.9	404.5	98,200*	58.1	408.6	103,600*	63.1	416.3	116,300*							150
155	54.4	400.9	95,000*	56.6	405.3	100,300*	61.7	413.6	113,000*							155
160	52.8	397.1	91,800*	55.0	401.8	97,000*	60.3	410.7	109,600*							160
165	51.2	393.1	88,700*	53.5	398.1	93,700*	58.8	407.7	106,300*							165
170	49.6	388.9	85,600*	51.9	394.2	90,600*	57.4	404.5	103,000*	62.4	410.8	112,900*				170
175	47.9	384.4	82,600*	50.3	390.1	87,400*	55.9	401.1	99,700*	61.0	408.0	110,600*				175
180	46.2	379.6	79,700*	48.6	385.7	84,400*	54.3	397.5	96,400*	59.5	405.0	107,500*				180
185	44.4	374.5	76,900*	46.9	381.0	81,400*	52.8	393.7	93,200*	58.1	401.9	104,300*				185
190	42.6	369.1	74,100*	45.2	376.1	78,500*	51.2	389.7	90,000*	56.6	398.6	101,200*				190
195	40.7	363.3	71,200*	43.4	370.8	75,700*	49.5	385.5	86,900*	55.1	395.1	98,000*				195
200	38.7	357.2	68,200*	41.5	365.2	72,600*	47.9	381.0	83,900*	53.5	391.5	94,900*				200
205	36.6	350.5	65,400*	39.6	359.2	69,600*	46.1	376.2	80,900*	51.9	387.5	91,800*	57.2	394.3	86,000	205
210	34.5	343.3	62,700*	37.5	352.8	66,700*	44.4	371.1	78,000*	50.3	383.4	88,700*	55.7	390.9	83,100	210
215	32.1	335.5	60,100*	35.4	345.8	63,900*	42.5	365.7	74,600*	48.7	379.0	85,700*	54.1	387.3	80,400	215
220	29.7	326.9	57,600*	33.1	338.3	61,300*	40.6	359.9	71,500*	47.0	374.4	82,800*	52.5	383.5	77,800	220
225	27.0	317.3	55,300*	30.7	330.0	58,800*	38.6	353.7	68,500*	45.2	369.4	79,900*	50.9	379.4	75,400	225
230	24.0	306.5	53,000*	28.1	320.9	56,400*	36.5	347.0	65,600*	43.4	364.2	76,400*	49.3	375.1	73,000	230
235	20.6	293.9	50,800*	25.3	310.7	54,100*	34.4	339.8	62,900*	41.5	358.6	73,200*	47.6	370.6	70,700	235
240	16.6	278.4	46,600*	22.1	298.9	51,900*	32.0	332.0	60,400*	39.6	352.6	70,100*	45.9	365.8	68,600	240
245	11.1	256.8	39,100*	18.4	284.8	49,700*	29.6	323.3	57,900*	37.5	346.1	67,200*	44.1	360.6	66,500	245
250				13.7	266.5	44,500*	26.9	313.7	55,600*	35.4	339.2	64,500*	42.3	355.2	64,500	250
255				5.6	234.7	34,600*	23.9	302.8	53,300*	33.2	331.7	61,800*	40.3	349.3	62,600	255
260							20.5	290.1	51,100*	30.8	323.4	59,300*	38.4	343.1	60,800	260
265							16.4	274.4	48,900*	28.2	314.3	56,900*	36.3	336.4	59,000	265
270							10.8	252.4	45,400*	25.3	304.0	54,600*	34.1	329.0	57,300	270
275										22.1	292.3	52,400*	31.7	321.1	55,700	275
280										18.4	278.2	50,300*	29.2	312.4	54,100	280
285										13.7	260.0	48,000*	26.5	302.6	52,500	285
290										5.8	228.5	44,100*	23.4	291.5	51,000	290
295													20.0	278.4	49,600	295
300													15.7	262.2	48,100	300
305													9.7	238.7	46,600	305

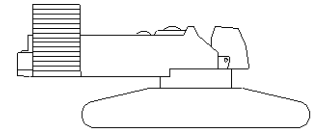


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



200 Ft. Boom, 240 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			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	74.7	446.3	118,500*													85
90	73.4	444.8	118,000*													90
95	72.2	443.2	117,600*													95
100	70.9	441.4	116,800*	72.7	443.3	117,100*										100
105	69.6	439.6	115,800*	71.4	441.6	116,700*										105
110	68.3	437.6	114,900*	70.2	439.8	116,400*										110
115	67.0	435.5	113,900*	68.9	437.8	116,000*										115
120	65.7	433.2	112,300*	67.6	435.8	115,300*										120
125	64.4	430.8	109,100*	66.3	433.6	114,300*										125
130	63.1	428.2	105,700*	65.0	431.2	111,100*										130
135	61.7	425.5	102,400*	63.6	428.7	107,700*										135
140	60.3	422.7	99,100*	62.3	426.1	104,400*	67.0	432.2	111,100*							140
145	58.9	419.7	95,900*	60.9	423.3	101,100*	65.7	429.9	111,000*							145
150	57.5	416.5	92,600*	59.5	420.4	97,900*	64.4	427.5	109,900*							150
155	56.1	413.2	89,400*	58.1	417.3	94,600*	63.0	424.9	106,700*							155
160	54.6	409.6	86,300*	56.7	414.0	91,300*	61.7	422.2	103,500*							160
165	53.1	405.9	83,300*	55.3	410.5	88,200*	60.3	419.4	100,300*							165
170	51.6	401.9	80,300*	53.8	406.9	85,100*	58.9	416.4	97,000*							170
175	50.1	397.7	77,400*	52.3	403.0	82,100*	57.5	413.2	93,800*	62.3	419.4	104,100*				175
180	48.5	393.3	74,600*	50.7	398.9	79,100*	56.0	409.8	90,700*	60.9	416.6	101,200*				180
185	46.8	388.7	71,800*	49.2	394.6	76,200*	54.6	406.3	87,600*	59.6	413.7	98,200*				185
190	45.2	383.7	69,100*	47.5	390.1	73,400*	53.1	402.5	84,500*	58.1	410.6	95,100*				190
195	43.4	378.5	66,500*	45.9	385.2	70,600*	51.6	398.6	81,500*	56.7	407.3	92,100*				195
200	41.6	372.9	64,000*	44.2	380.1	68,000*	50.0	394.4	78,500*	55.3	403.9	89,100*				200
205	39.8	366.9	61,500*	42.4	374.7	65,400*	48.4	390.0	75,700*	53.8	400.2	86,100*				205
210	37.9	360.6	59,100*	40.6	368.9	62,900*	46.8	385.3	72,900*	52.3	396.3	83,100*	57.3	403.0	82,100	210
215	35.8	353.7	56,800*	38.7	362.7	60,400*	45.1	380.3	70,100*	50.7	392.3	80,200*	55.8	399.6	79,400	215
220	33.7	346.3	54,600*	36.7	356.1	58,100*	43.4	375.0	67,500*	49.2	388.0	77,400*	54.4	396.0	76,900	220
225	31.4	338.3	52,400*	34.6	348.9	55,800*	41.6	369.5	64,900*	47.6	383.4	74,600*	52.9	392.2	74,400	225
230	29.0	329.5	50,300*	32.4	341.2	53,600*	39.7	363.5	62,400*	45.9	378.6	71,800*	51.3	388.3	72,000	230
235	26.4	319.6	48,300*	30.1	332.7	51,500*	37.8	357.1	60,000*	44.2	373.5	69,100*	49.8	384.0	69,800	235
240	23.5	308.5	46,400*	27.5	323.3	49,400*	35.7	350.2	57,600*	42.4	368.0	66,600*	48.2	379.6	67,700	240
245	20.2	295.6	44,600*	24.8	312.8	47,500*	33.6	342.8	55,400*	40.6	362.2	64,000*	46.5	374.9	65,600	245
250	16.2	279.7	42,100*	21.6	300.7	45,600*	31.3	334.7	53,200*	38.7	356.1	61,600*	44.9	369.9	63,600	250
255	10.8	257.7	35,100*	18.0	286.3	43,800*	28.9	325.9	51,100*	36.7	349.4	59,200*	43.1	364.6	61,700	255
260				13.4	267.6	40,100*	26.3	316.0	49,100*	34.6	342.3	56,900*	41.3	358.9	59,900	260
265				5.5	235.1	30,900*	23.3	304.8	47,100*	32.4	334.5	54,700*	39.4	352.9	58,100	265
270							20.0	291.8	45,300*	30.1	326.1	52,500*	37.5	346.5	56,500	270
275							16.0	275.7	43,400*	27.6	316.7	50,500*	35.5	339.5	54,800	275
280							10.5	253.3	41,100*	24.8	306.2	48,500*	33.3	332.0	53,300	280
285										21.7	294.1	46,600*	31.0	323.8	51,700	285
290										18.0	279.7	44,700*	28.6	314.9	50,200	290
295										13.4	261.1	43,000*	25.9	304.8	48,800	295
300										5.6	228.9	40,000*	22.9	293.5	47,400	300
305													19.5	280.1	45,800*	305
310													15.4	263.5	44,000*	310

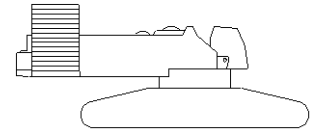


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



220 Ft. Boom, 70 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			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	
45	71.3	300.9	411,400*b													45
50	66.8	298.8	399,700*b													50
55	62.2	296.1	389,300*b	69.3	299.4	407,200*b										55
60	57.3	292.9	378,700*	64.8	297.0	396,400*b										60
65	52.2	289.1	333,100*	60.1	294.1	378,100*b										65
70	46.6	284.4	296,600*	55.1	290.7	347,000*										70
75	40.3	278.6	266,600*	49.8	286.5	316,500*										75
80	33.1	271.3	241,400*	43.9	281.4	283,100*	64.3	293.9	317,100*b							80
85	23.8	261.1	219,700*	37.3	275.0	255,400*	59.5	290.9	295,700*b							85
90				29.4	266.7	231,900*	54.5	287.4	276,800*							90
95				18.1	253.9	203,400*	49.1	283.1	259,900*							95
100							43.2	277.9	244,600*							100
105							36.5	271.4	230,800*	58.6	285.8	234,700				105
110							28.3	262.7	218,100*	53.5	282.1	221,400				110
115							16.2	248.8	206,100*	48.1	277.7	209,300				115
120										42.0	272.3	198,300				120
125										35.1	265.5	188,200	57.2	278.7	175,100	125
130										26.5	256.2	178,800	52.1	274.9	166,600	130
135										12.6	240.0	169,800	46.5	270.2	158,800	135
140													40.2	264.4	151,500	140
145													32.9	257.1	144,700	145
150													23.5	246.7	138,300	150

REFERENCE ONLY!

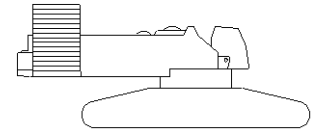


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



220 Ft. Boom, 80 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			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	
45	73.7	311.5	392,500*b													45
50	69.9	309.7	381,600*b													50
55	66.0	307.4	371,400*b	72.0	310.1	388,900*b										55
60	61.9	304.8	362,200*	68.2	308.1	378,600*b										60
65	57.7	301.6	346,100*	64.2	305.7	369,000*b										65
70	53.2	297.9	308,400*	60.1	302.8	346,300*										70
75	48.4	293.5	277,500*	55.8	299.4	319,700*										75
80	43.3	288.3	251,700*	51.2	295.4	294,500*	67.7	305.0	315,800*b							80
85	37.5	282.0	229,800*	46.2	290.7	266,000*	63.7	302.5	294,600*b							85
90	30.7	274.0	210,900*	40.8	285.0	242,000*	59.6	299.6	275,700*							90
95	22.0	262.9	194,100*	34.7	278.1	221,500*	55.2	296.1	259,000*							95
100				27.3	269.0	203,600*	50.6	292.1	243,900*							100
105				16.8	255.2	184,600*	45.6	287.2	230,200*	63.0	297.5	233,700				105
110							40.1	281.4	217,800*	58.8	294.5	220,500				110
115							33.9	274.3	206,400*	54.4	290.9	208,500				115
120							26.3	264.9	195,900*	49.7	286.7	197,600				120
125							15.0	250.0	185,800*	44.7	281.7	187,700				125
130										39.1	275.7	178,600	57.6	287.4	165,600	130
135										32.6	268.3	170,100	53.1	283.7	157,900	135
140										24.6	258.2	162,200	48.4	279.3	150,800	140
145										11.6	240.8	154,500	43.2	274.1	144,100	145
150													37.4	267.7	137,900	150
155													30.6	259.7	132,100	155
160													21.8	248.5	126,500	160

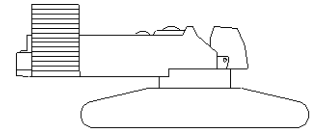


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	
50	72.2	320.4	364,000*b													50
55	68.8	318.4	354,500*b													55
60	65.3	316.1	345,700*	70.7	318.9	361,300*b										60
65	61.7	313.4	337,600*	67.3	316.8	352,400*b										65
70	57.9	310.3	318,200*	63.7	314.3	342,500*										70
75	54.0	306.7	286,400*	60.1	311.5	319,400*										75
80	49.9	302.5	259,900*	56.2	308.1	296,400*										80
85	45.4	297.6	237,500*	52.2	304.3	274,600*	66.9	313.7	293,800*b							85
90	40.6	291.9	218,200*	48.0	299.8	250,000*	63.3	311.2	275,000*							90
95	35.2	285.0	201,400*	43.4	294.6	229,000*	59.6	308.3	258,300*							95
100	28.8	276.4	186,600*	38.3	288.4	210,900*	55.8	304.9	243,300*							100
105	20.7	264.6	173,200*	32.6	280.9	195,000*	51.7	301.0	229,800*							105
110				25.6	271.2	180,800*	47.4	296.4	217,500*	62.6	306.2	219,900				110
115				15.7	256.5	167,900*	42.8	291.1	206,300*	58.9	303.2	208,000				115
120							37.7	284.8	196,000*	55.0	299.7	197,200				120
125							31.8	277.0	186,500*	51.0	295.7	187,300				125
130							24.6	266.9	177,500*	46.6	291.0	178,300				130
135							14.0	251.0	167,000*	41.9	285.5	170,000	57.9	296.1	157,300	135
140										36.6	279.0	162,300	53.9	292.5	150,200	140
145										30.6	270.9	155,100	49.8	288.3	143,700	145
150										23.1	260.2	148,300	45.3	283.4	137,500	150
155										10.8	241.6	141,700	40.5	277.7	131,800	155
160													35.1	270.8	126,500	160
165													28.7	262.1	121,400	165
170													20.5	250.2	116,500	170

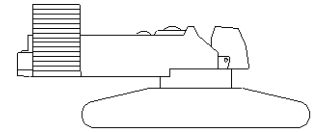


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



220 Ft. Boom, 100 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			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	
50	74.1	330.9	347,600*b													50
55	71.0	329.2	339,000*b													55
60	67.9	327.1	330,700*	72.8	329.5	345,400*b										60
65	64.8	324.8	322,900*	69.7	327.7	337,200*b										65
70	61.5	322.1	315,800*	66.6	325.5	329,300*										70
75	58.2	319.0	291,800*	63.4	323.0	318,400*										75
80	54.6	315.4	264,900*	60.1	320.1	295,500*										80
85	51.0	311.4	242,200*	56.6	316.8	275,400*										85
90	47.1	306.8	222,600*	53.1	313.1	254,800*	66.2	322.4	273,700*							90
95	42.9	301.5	205,700*	49.3	308.8	233,500*	63.0	319.9	257,100*							95
100	38.3	295.3	190,800*	45.3	303.9	215,200*	59.7	316.9	242,200*							100
105	33.2	287.9	177,500*	41.0	298.3	199,200*	56.2	313.6	228,700*							105
110	27.2	278.7	165,600*	36.2	291.6	185,000*	52.6	309.8	216,500*							110
115	19.5	266.2	154,800*	30.8	283.5	172,400*	48.8	305.4	205,400*	62.4	314.8	207,000				115
120				24.2	273.2	161,000*	44.8	300.5	195,200*	59.0	311.8	196,200				120
125				14.8	257.6	150,400*	40.4	294.7	185,800*	55.6	308.4	186,400				125
130							35.6	287.9	177,100*	51.9	304.5	177,500				130
135							30.0	279.6	169,000*	48.1	300.1	169,200				135
140							23.2	268.9	160,300*	44.0	295.0	161,600				140
145							13.2	252.1	149,700*	39.6	289.0	154,500	54.6	301.2	142,700	145
150										34.6	282.0	147,900	50.9	297.2	136,600	150
155										28.9	273.4	141,700	47.0	292.6	131,000	155
160										21.8	262.0	135,900	42.8	287.3	125,700	160
165										10.1	242.3	130,100	38.2	281.1	120,700	165
170													33.1	273.7	116,100	170
175													27.1	264.4	111,600	175
180													19.3	251.8	107,300	180

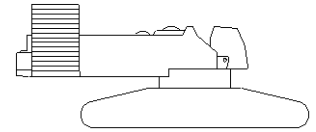


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



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			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	
55	72.8	339.8	317,700* ^b													55
60	70.1	338.0	315,400*													60
65	67.2	335.9	309,200*	71.6	338.4	318,500* ^b										65
70	64.3	333.5	299,100*	68.8	336.4	315,700*										70
75	61.4	330.7	289,400*	66.0	334.2	307,100*										75
80	58.3	327.6	268,700*	63.1	331.7	294,900*										80
85	55.2	324.2	245,700*	60.1	328.8	274,800*										85
90	51.8	320.3	226,000*	57.0	325.5	257,100*										90
95	48.4	315.9	208,800*	53.7	321.9	236,900*	65.6	331.1	256,200*							95
100	44.7	310.9	193,800*	50.4	317.7	218,400*	62.7	328.5	241,300*							100
105	40.7	305.1	180,500*	46.8	313.1	202,300*	59.7	325.6	228,000*							105
110	36.4	298.5	168,700*	43.0	307.8	188,100*	56.6	322.3	215,800*							110
115	31.6	290.7	158,000*	38.9	301.7	175,400*	53.3	318.6	204,800*							115
120	25.9	280.9	148,300*	34.4	294.6	164,100*	49.9	314.4	194,600*	62.2	323.5	195,600				120
125	18.5	267.7	139,300*	29.2	286.1	153,900*	46.4	309.7	185,300*	59.1	320.5	185,800				125
130				22.9	275.1	144,500*	42.5	304.3	176,700*	56.0	317.1	176,900				130
135				14.0	258.7	135,600*	38.4	298.1	168,700*	52.7	313.4	168,700				135
140							33.8	290.9	161,300*	49.3	309.1	161,100				140
145							28.5	282.1	153,200*	45.7	304.2	154,100				145
150							22.1	270.7	143,900*	41.8	298.7	147,600	55.1	310.0	136,000	150
155										37.6	292.4	141,500	51.8	306.1	130,400	155
160										32.9	284.9	135,800	48.3	301.7	125,100	160
165										27.5	275.7	130,400	44.6	296.6	120,200	165
170										20.7	263.7	125,300	40.7	290.9	115,600	170
175										9.6	243.0	120,200	36.3	284.3	111,300	175
180													31.5	276.4	107,200	180
185													25.8	266.6	103,200	185
190													18.3	253.3	99,400	190

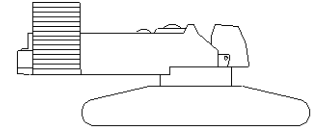


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



220 Ft. Boom, 120 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			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	
55	74.3	350.3	292,600*													55
60	71.8	348.6	291,200*													60
65	69.2	346.7	289,500*													65
70	66.6	344.6	286,900*	70.7	347.2	294,000*										70
75	64.0	342.1	277,300*	68.1	345.2	291,500*										75
80	61.3	339.4	268,100*	65.5	342.9	284,900*										80
85	58.5	336.3	248,900*	62.8	340.3	273,800*										85
90	55.6	332.9	228,900*	60.1	337.4	256,100*										90
95	52.6	329.1	211,500*	57.2	334.2	240,000*	67.8	342.1	254,800*							95
100	49.4	324.8	196,300*	54.3	330.6	221,200*	65.2	339.8	240,000*							100
105	46.1	320.1	182,800*	51.2	326.6	204,800*	62.5	337.2	226,700*							105
110	42.6	314.7	170,900*	48.0	322.2	190,400*	59.7	334.2	214,600*							110
115	38.9	308.6	160,100*	44.6	317.2	177,700*	56.9	331.0	203,600*							115
120	34.8	301.6	150,400*	41.0	311.5	166,300*	53.9	327.4	193,500*							120
125	30.1	293.3	141,600*	37.1	305.0	156,000*	50.8	323.3	184,300*	62.0	332.2	184,800				125
130	24.7	283.0	133,400*	32.8	297.5	146,700*	47.6	318.8	175,700*	59.2	329.2	175,900				130
135	17.6	269.1	125,800*	27.9	288.5	138,200*	44.2	313.7	167,800*	56.3	325.9	167,700				135
140				21.9	277.0	130,300*	40.6	308.0	160,500*	53.4	322.1	160,200				140
145				13.4	259.8	122,800*	36.6	301.4	153,600*	50.3	318.0	153,200				145
150							32.3	293.7	146,100*	47.0	313.4	146,800				150
155							27.2	284.4	137,700*	43.6	308.2	140,700	55.5	318.7	129,300	155
160							21.1	272.5	129,800*	39.9	302.3	135,100	52.5	314.9	124,100	160
165							11.9	253.9	122,300*	35.9	295.5	129,800	49.4	310.6	119,300	165
170										31.4	287.6	124,800	46.1	305.9	114,700	170
175										26.2	278.0	120,100	42.6	300.5	110,400	175
180										19.7	265.3	115,600	38.8	294.4	106,400	180
185										9.1	243.7	111,100	34.7	287.3	102,500	185
190													30.0	279.0	98,900	190
195													24.6	268.7	95,400	195
200													17.5	254.7	91,900	200

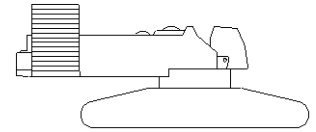


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	73.3	359.2	269,600*													60
65	70.9	357.5	268,300*													65
70	68.6	355.5	266,900*	72.2	357.8	270,300*										70
75	66.1	353.3	265,400*	69.9	356.0	269,700*										75
80	63.7	350.8	259,600*	67.5	353.9	268,800*										80
85	61.2	348.0	251,400*	65.1	351.6	267,200*										85
90	58.6	345.0	231,800*	62.6	349.0	256,100*										90
95	55.9	341.6	214,300*	60.0	346.1	240,400*										95
100	53.2	337.9	199,000*	57.4	342.9	224,100*	67.2	350.8	239,900*							100
105	50.3	333.8	185,400*	54.7	339.4	207,600*	64.8	348.5	226,600*							105
110	47.3	329.2	173,400*	51.9	335.5	193,100*	62.3	345.8	214,500*							110
115	44.2	324.1	162,600*	49.0	331.2	180,200*	59.7	342.9	203,600*							115
120	40.8	318.4	152,900*	46.0	326.4	168,700*	57.1	339.7	193,500*							120
125	37.2	311.9	144,000*	42.8	321.0	158,400*	54.4	336.1	184,300*							125
130	33.3	304.5	136,000*	39.3	315.0	149,100*	51.6	332.2	175,800*	61.8	340.8	175,800				130
135	28.9	295.8	128,500*	35.6	308.2	140,600*	48.7	327.8	167,900*	59.3	337.8	167,700				135
140	23.7	285.1	121,600*	31.4	300.2	132,800*	45.6	322.9	160,600*	56.6	334.5	160,200				140
145	16.9	270.5	115,100*	26.7	290.8	125,600*	42.4	317.5	153,800*	53.9	330.9	153,200				145
150				21.0	278.7	118,900*	38.9	311.4	147,500*	51.1	326.9	146,800				150
155				12.8	260.8	109,900*	35.1	304.5	140,100*	48.1	322.4	140,800				155
160							30.9	296.4	132,400*	45.0	317.5	135,200	55.9	327.4	124,100	160
165							26.1	286.6	125,300*	41.7	312.0	130,000	53.1	323.7	119,200	165
170							20.2	274.2	118,600*	38.2	305.7	125,000	50.3	319.6	114,700	170
175							11.3	254.8	112,200*	34.4	298.6	120,400	47.3	315.0	110,500	175
180										30.1	290.2	116,000	44.1	309.9	106,400	180
185										25.1	280.1	111,800	40.8	304.2	102,600	185
190										18.9	266.9	107,800	37.2	297.7	99,000	190
195										8.7	244.3	103,700	33.2	290.2	95,600	195
200													28.8	281.5	92,300	200
205													23.5	270.7	89,200	205
210													16.7	256.1	86,100	210

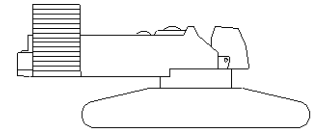


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



220 Ft. Boom, 140 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			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	74.5	369.7	249,300*													60
65	72.3	368.1	248,400*													65
70	70.2	366.3	247,300*													70
75	68.0	364.2	246,200*	71.4	366.7	250,200*										75
80	65.7	362.0	244,900*	69.2	364.8	248,500*										80
85	63.4	359.5	238,800*	67.0	362.6	247,900*										85
90	61.1	356.7	232,000*	64.7	360.3	247,100*										90
95	58.7	353.7	214,500*	62.4	357.6	239,400*										95
100	56.2	350.3	199,100*	60.0	354.8	224,200*										100
105	53.7	346.7	185,600*	57.6	351.6	207,700*	66.7	359.5	225,300*							105
110	51.1	342.6	173,500*	55.1	348.1	193,200*	64.4	357.1	213,300*							110
115	48.3	338.2	162,700*	52.6	344.3	180,300*	62.1	354.5	202,300*							115
120	45.5	333.3	153,000*	49.9	340.1	168,800*	59.8	351.6	192,300*							120
125	42.5	327.9	144,200*	47.1	335.5	158,500*	57.3	348.4	183,100*							125
130	39.3	321.9	136,100*	44.2	330.4	149,200*	54.8	344.9	174,700*							130
135	35.8	315.1	128,800*	41.1	324.7	140,800*	52.2	341.0	166,800*	61.7	349.5	166,700				135
140	32.0	307.3	122,000*	37.8	318.4	133,000*	49.6	336.7	159,600*	59.3	346.5	159,200				140
145	27.8	298.2	115,700*	34.2	311.2	125,900*	46.8	332.1	152,800*	56.9	343.2	152,300				145
150	22.7	287.0	109,800*	30.2	302.9	119,400*	43.8	326.9	146,500*	54.4	339.7	145,900				150
155	16.2	271.9	104,200*	25.7	293.0	113,200*	40.7	321.2	140,200*	51.8	335.7	139,900				155
160				20.2	280.4	107,500*	37.4	314.7	132,600*	49.1	331.4	134,400				160
165				12.3	261.8	99,500*	33.7	307.4	125,500*	46.2	326.7	129,200	56.2	336.1	118,200	165
170							29.7	299.0	119,000*	43.3	321.4	124,300	53.6	332.5	113,700	170
175							25.1	288.8	113,000*	40.1	315.6	119,700	51.0	328.4	109,500	175
180							19.4	275.8	107,200*	36.7	309.0	115,300	48.3	324.0	105,500	180
185							10.9	255.7	101,700*	33.0	301.5	111,200	45.4	319.1	101,800	185
190										28.9	292.7	107,300	42.4	313.7	98,200	190
195										24.1	282.2	103,600	39.2	307.7	94,800	195
200										18.1	268.4	100,000	35.7	300.9	91,600	200
205										8.3	244.9	96,400	31.9	293.0	88,500	205
210													27.7	283.9	85,600	210
215													22.6	272.6	82,800	215
220													16.1	257.4	80,000	220

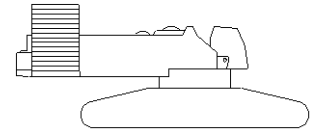


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	73.6	378.6	226,700*													65
70	71.5	376.9	225,800*													70
75	69.5	375.0	225,000*	72.7	377.2	226,600*										75
80	67.4	373.0	219,700*	70.7	375.5	226,600*										80
85	65.3	370.7	214,100*	68.6	373.5	224,300*										85
90	63.2	368.1	208,700*	66.5	371.3	218,900*										90
95	61.0	365.4	203,400*	64.4	368.9	213,500*										95
100	58.8	362.3	198,300*	62.2	366.3	208,200*										100
105	56.5	359.0	186,400*	60.0	363.4	203,100*										105
110	54.1	355.4	174,300*	57.8	360.3	194,100*	66.3	368.2	212,300*							110
115	51.7	351.5	163,500*	55.5	356.8	181,100*	64.1	365.8	201,400*							115
120	49.2	347.2	153,700*	53.1	353.1	169,600*	62.0	363.1	191,400*							120
125	46.6	342.5	144,900*	50.6	349.0	159,300*	59.8	360.2	182,200*							125
130	43.8	337.3	136,800*	48.1	344.5	149,900*	57.5	357.0	173,800*							130
135	40.9	331.6	129,500*	45.4	339.6	141,400*	55.2	353.6	166,000*							135
140	37.8	325.3	122,700*	42.6	334.2	133,700*	52.8	349.8	158,800*	61.6	358.1	158,500				140
145	34.5	318.2	116,400*	39.6	328.3	126,600*	50.3	345.7	152,000*	59.4	355.2	151,600				145
150	30.9	310.0	110,600*	36.4	321.6	120,100*	47.7	341.1	145,700*	57.1	351.9	145,200				150
155	26.8	300.5	105,200*	33.0	314.1	114,000*	45.1	336.2	139,900*	54.7	348.4	139,300				155
160	21.9	288.9	100,100*	29.1	305.4	108,400*	42.2	330.7	133,200*	52.3	344.6	133,700				160
165	15.6	273.1	93,800*	24.8	295.1	103,100*	39.2	324.7	126,200*	49.8	340.4	128,500				165
170				19.4	282.0	98,100*	36.0	318.0	119,700*	47.3	335.8	123,700	56.4	344.9	113,000	170
175				11.8	262.7	88,700*	32.5	310.3	113,700*	44.5	330.7	119,100	54.1	341.2	108,800	175
180							28.7	301.5	108,100*	41.7	325.2	114,800	51.7	337.3	104,800	180
185							24.2	290.9	102,900*	38.7	319.0	110,700	49.1	333.0	101,100	185
190							18.7	277.4	97,900*	35.4	312.1	106,900	46.5	328.3	97,500	190
195							10.5	256.5	93,000*	31.8	304.3	103,200	43.8	323.1	94,200	195
200										27.9	295.2	99,700	40.9	317.4	91,000	200
205										23.3	284.2	96,400	37.8	311.0	88,000	205
210										17.5	269.9	93,100	34.5	303.9	85,100	210
215										8.0	245.5	89,800	30.8	295.7	82,300	215
220													26.7	286.2	79,700	220
225													21.8	274.5	77,100	225
230													15.5	258.7	74,600	230

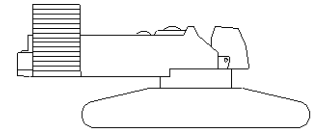


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



220 Ft. Boom, 160 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			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	74.6	389.1	211,300*													65
70	72.7	387.5	208,800*													70
75	70.8	385.7	208,200*													75
80	68.9	383.8	207,700*	71.9	386.1	209,800*										80
85	67.0	381.7	203,400*	70.0	384.3	208,800*										85
90	65.0	379.4	198,000*	68.1	382.3	207,700*										90
95	63.0	376.8	192,700*	66.1	380.0	202,500*										95
100	60.9	374.0	187,600*	64.1	377.6	197,200*										100
105	58.9	371.0	182,600*	62.1	375.0	192,100*										105
110	56.7	367.7	174,800*	60.0	372.1	187,000*	67.8	379.2	203,800*							110
115	54.5	364.2	163,900*	57.9	368.9	181,700*	65.9	376.9	200,000*							115
120	52.3	360.3	154,000*	55.8	365.5	170,100*	63.9	374.5	190,100*							120
125	49.9	356.1	145,100*	53.5	361.9	159,600*	61.9	371.8	181,000*							125
130	47.5	351.6	137,000*	51.2	357.9	150,200*	59.8	368.9	172,600*							130
135	45.0	346.6	129,600*	48.9	353.5	141,700*	57.7	365.7	164,800*							135
140	42.3	341.1	122,800*	46.4	348.8	133,900*	55.5	362.3	157,600*							140
145	39.5	335.2	116,600*	43.8	343.6	126,800*	53.3	358.6	150,900*	61.5	366.8	150,600				145
150	36.6	328.5	110,800*	41.1	338.0	120,200*	51.0	354.5	144,600*	59.4	363.8	144,200				150
155	33.4	321.1	105,400*	38.3	331.7	114,100*	48.6	350.1	138,800*	57.3	360.6	138,300				155
160	29.8	312.6	100,300*	35.2	324.7	108,500*	46.1	345.4	133,300*	55.1	357.1	132,800				160
165	25.9	302.7	95,600*	31.9	316.9	103,300*	43.5	340.1	126,300*	52.8	353.4	127,600				165
170	21.2	290.6	91,100*	28.2	307.9	98,400*	40.8	334.4	119,800*	50.5	349.3	122,800				170
175	15.1	274.4	85,200*	23.9	297.1	93,800*	37.9	328.1	113,800*	48.1	344.8	118,200	56.7	353.5	107,700	175
180				18.8	283.6	89,400*	34.8	321.0	108,300*	45.6	340.0	113,900	54.5	350.0	103,800	180
185				11.4	263.6	80,800*	31.4	313.1	103,100*	43.0	334.6	109,900	52.2	346.1	100,100	185
190							27.7	303.9	98,200*	40.3	328.8	106,100	49.9	341.9	96,600	190
195							23.4	292.9	93,600*	37.4	322.4	102,500	47.5	337.4	93,200	195
200							18.0	278.9	89,200*	34.2	315.1	99,000	44.9	332.4	90,100	200
205							10.1	257.3	84,900*	30.8	307.0	95,700	42.3	326.9	87,100	205
210										26.9	297.5	92,600	39.5	320.9	84,200	210
215										22.5	286.1	89,600	36.5	314.3	81,500	215
220										16.9	271.3	86,600	33.3	306.8	78,900	220
225										7.7	246.1	83,700	29.8	298.4	76,400	225
230													25.8	288.4	74,000	230
235													21.1	276.3	71,600	235
240													14.9	259.9	69,300	240

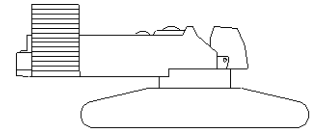


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	
70	73.8	398.0	194,400*													70
75	72.0	396.4	193,400*													75
80	70.2	394.6	193,000*	73.0	396.6	193,800*										80
85	68.4	392.6	192,500*	71.2	394.9	193,800*										85
90	66.6	390.4	190,700*	69.4	393.1	193,400*										90
95	64.7	388.0	185,500*	67.6	391.0	193,200*										95
100	62.8	385.5	180,400*	65.8	388.7	189,800*										100
105	60.9	382.7	175,400*	63.9	386.3	184,700*										105
110	58.9	379.7	170,600*	62.0	383.6	179,700*										110
115	56.9	376.4	164,600*	60.0	380.7	174,800*	67.4	387.9	188,600*							115
120	54.9	372.9	154,700*	58.1	377.6	169,800*	65.5	385.6	188,600*							120
125	52.7	369.1	145,800*	56.0	374.2	160,300*	63.7	383.2	180,700*							125
130	50.6	365.0	137,700*	53.9	370.6	150,900*	61.8	380.5	172,300*							130
135	48.3	360.6	130,300*	51.8	366.7	142,300*	59.8	377.6	164,600*							135
140	46.0	355.8	123,500*	49.6	362.5	134,500*	57.8	374.4	157,400*							140
145	43.5	350.5	117,200*	47.3	357.9	127,400*	55.8	371.0	150,700*							145
150	41.0	344.9	111,400*	44.9	352.9	120,800*	53.7	367.4	144,500*	61.4	375.5	144,000				150
155	38.3	338.6	106,000*	42.4	347.5	114,800*	51.5	363.4	138,600*	59.4	372.5	138,100				155
160	35.4	331.7	101,000*	39.8	341.5	109,200*	49.3	359.1	133,200*	57.4	369.3	132,600				160
165	32.3	324.0	96,300*	37.1	335.0	104,000*	47.0	354.5	127,000*	55.4	365.9	127,500				165
170	28.9	315.1	91,900*	34.1	327.8	99,100*	44.6	349.5	120,500*	53.3	362.1	122,600				170
175	25.0	304.9	87,800*	30.9	319.6	94,500*	42.1	344.0	114,500*	51.1	358.1	118,100				175
180	20.5	292.4	83,800*	27.3	310.2	90,200*	39.5	338.0	108,900*	48.9	353.8	113,800	56.9	362.2	103,600	180
185	14.6	275.6	76,900*	23.2	299.1	86,200*	36.7	331.4	103,700*	46.6	349.1	109,800	54.8	358.7	99,900	185
190				18.2	285.2	82,300*	33.7	324.0	98,900*	44.2	344.0	106,000	52.7	354.9	96,400	190
195				11.0	264.5	72,900*	30.4	315.7	94,400*	41.7	338.4	102,400	50.5	350.8	93,100	195
200							26.8	306.2	90,100*	39.0	332.3	99,000	48.3	346.4	89,900	200
205							22.6	294.8	86,100*	36.2	325.6	95,700	45.9	341.6	87,000	205
210							17.5	280.4	82,200*	33.1	318.1	92,600	43.5	336.3	84,100	210
215							9.8	258.0	77,400*	29.8	309.6	89,700	40.9	330.6	81,400	215
220										26.1	299.7	86,800	38.2	324.4	78,800	220
225										21.8	288.0	84,100	35.4	317.4	76,400	225
230										16.3	272.6	81,400	32.2	309.7	74,000	230
235										7.4	246.6	77,700*	28.8	300.9	71,700	235
240													25.0	290.6	69,500	240
245													20.4	278.0	67,400	245
250													14.5	261.1	65,200	250

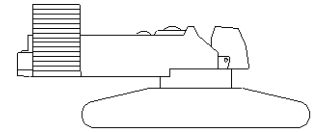


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



220 Ft. Boom, 180 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			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	
70	74.7	408.4	180,200*													70
75	73.1	406.9	179,600*													75
80	71.4	405.2	179,100*													80
85	69.7	403.4	178,700*	72.3	405.5	179,700*										85
90	68.0	401.3	178,200*	70.6	403.8	179,400*										90
95	66.2	399.1	177,700*	68.9	401.8	179,000*										95
100	64.5	396.7	172,900*	67.2	399.7	178,800*										100
105	62.7	394.1	168,000*	65.5	397.4	177,000*										105
110	60.8	391.3	163,100*	63.7	395.0	172,000*										110
115	59.0	388.3	158,400*	61.9	392.3	167,100*										115
120	57.1	385.1	153,600*	60.0	389.4	162,300*	67.0	396.6	174,300*							120
125	55.2	381.6	145,300*	58.2	386.3	157,700*	65.2	394.3	174,300*							125
130	53.2	377.9	137,200*	56.2	383.0	150,300*	63.5	391.8	171,100*							130
135	51.1	373.9	129,800*	54.3	379.4	141,800*	61.7	389.1	163,300*							135
140	49.0	369.5	123,000*	52.3	375.5	134,000*	59.8	386.2	156,200*							140
145	46.8	364.9	116,700*	50.2	371.4	126,900*	57.9	383.1	149,500*							145
150	44.6	359.8	110,900*	48.1	366.9	120,300*	56.0	379.7	143,300*							150
155	42.2	354.4	105,600*	45.9	362.1	114,300*	54.1	376.1	137,500*	61.3	384.1	137,100				155
160	39.8	348.4	100,600*	43.6	356.9	108,700*	52.0	372.2	132,000*	59.5	381.2	131,600				160
165	37.1	341.9	95,900*	41.2	351.2	103,500*	50.0	368.0	126,400*	57.6	378.0	126,500				165
170	34.4	334.7	91,600*	38.6	345.0	98,600*	47.8	363.5	119,900*	55.7	374.6	121,700				170
175	31.3	326.7	87,500*	35.9	338.2	94,100*	45.6	358.6	113,900*	53.7	370.9	117,200				175
180	28.0	317.6	83,600*	33.1	330.7	89,900*	43.3	353.4	108,400*	51.7	367.0	112,900				180
185	24.3	307.0	79,900*	29.9	322.2	85,900*	40.9	347.7	103,200*	49.6	362.7	108,900	57.1	370.9	98,800	185
190	19.9	294.1	76,400*	26.5	312.5	82,100*	38.3	341.4	98,400*	47.4	358.1	105,100	55.1	367.4	95,400	190
195	14.2	276.8	69,900*	22.5	301.1	78,500*	35.6	334.5	93,900*	45.2	353.2	101,600	53.1	363.7	92,100	195
200				17.6	286.6	75,000*	32.7	326.9	89,700*	42.8	347.9	98,200	51.1	359.7	89,000	200
205				10.7	265.4	66,400*	29.5	318.3	85,800*	40.4	342.0	94,900	49.0	355.3	86,000	205
210							26.0	308.4	82,000*	37.8	335.7	91,900	46.8	350.7	83,200	210
215							22.0	296.7	78,400*	35.1	328.7	88,900	44.5	345.6	80,500	215
220							16.9	281.8	75,000*	32.1	320.9	86,100	42.2	340.2	77,900	220
225							9.5	258.8	70,700*	28.9	312.1	83,500	39.7	334.2	75,500	225
230										25.3	301.9	80,900	37.1	327.7	73,200	230
235										21.1	289.7	78,100*	34.3	320.5	70,900	235
240										15.8	274.0	74,700*	31.3	312.4	68,700	240
245										7.2	247.2	70,900*	28.0	303.3	66,700	245
250													24.2	292.7	64,600	250
255													19.8	279.7	62,700	255
260													14.0	262.2	60,700	260

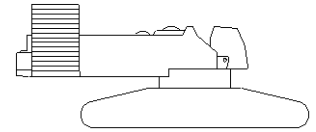


Liftcrane Luffing Jib Capacities

18000

**Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating**

**Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5**



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			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	74.0	417.4	163,500*													75
80	72.4	415.8	162,900*													80
85	70.8	414.0	162,500*													85
90	69.2	412.1	162,100*	71.7	414.4	162,900*										90
95	67.6	410.0	161,700*	70.1	412.6	162,900*										95
100	65.9	407.8	159,800*	68.5	410.6	162,200*										100
105	64.2	405.4	156,400*	66.8	408.4	162,000*										105
110	62.5	402.8	152,900*	65.2	406.1	159,500*										110
115	60.8	400.0	149,300*	63.5	403.6	156,200*										115
120	59.0	397.0	145,700*	61.8	400.9	152,700*										120
125	57.2	393.8	141,900*	60.0	398.1	149,000*	66.6	405.4	157,700*							125
130	55.4	390.3	137,000*	58.3	395.0	145,400*	65.0	403.0	157,700*							130
135	53.5	386.6	129,600*	56.5	391.6	141,700*	63.3	400.5	157,000*							135
140	51.6	382.7	122,800*	54.6	388.1	133,900*	61.6	397.8	153,700*							140
145	49.6	378.5	116,600*	52.7	384.3	126,700*	59.8	394.9	148,500*							145
150	47.6	373.9	110,800*	50.8	380.2	120,200*	58.0	391.8	142,300*							150
155	45.5	369.0	105,400*	48.8	375.9	114,100*	56.2	388.4	136,500*	63.0	395.5	136,400				155
160	43.3	363.8	100,400*	46.7	371.2	108,500*	54.4	384.8	131,100*	61.2	392.8	130,900				160
165	41.0	358.1	95,800*	44.6	366.1	103,300*	52.5	381.0	126,000*	59.5	389.8	125,800				165
170	38.6	351.9	91,400*	42.3	360.7	98,500*	50.5	376.9	119,700*	57.7	386.7	121,000				170
175	36.1	345.1	87,300*	40.0	354.8	94,000*	48.5	372.5	113,800*	55.9	383.3	116,400				175
180	33.4	337.7	83,500*	37.5	348.4	89,700*	46.4	367.8	108,200*	54.0	379.7	112,200				180
185	30.5	329.4	79,900*	34.9	341.3	85,800*	44.3	362.7	103,100*	52.1	375.8	108,200				185
190	27.3	320.0	76,400*	32.1	333.5	82,000*	42.1	357.2	98,300*	50.2	371.6	104,400	57.2	379.6	94,600	190
195	23.6	309.0	73,200*	29.1	324.8	78,500*	39.7	351.2	93,800*	48.1	367.2	100,900	55.4	376.2	91,300	195
200	19.3	295.7	70,000*	25.7	314.8	75,100*	37.2	344.7	89,600*	46.1	362.4	97,500	53.5	372.5	88,200	200
205	13.8	277.9	62,500*	21.9	302.9	71,900*	34.6	337.6	85,600*	43.9	357.2	94,300	51.6	368.5	85,200	205
210				17.1	288.1	68,800*	31.8	329.7	81,900*	41.6	351.6	91,200	49.6	364.3	82,400	210
215				10.4	266.2	59,400*	28.7	320.8	78,400*	39.3	345.6	88,300	47.6	359.7	79,800	215
220							25.3	310.6	75,100*	36.8	339.0	85,600	45.5	354.8	77,200	220
225							21.3	298.5	71,800*	34.1	331.7	82,900	43.3	349.6	74,800	225
230							16.5	283.2	68,700*	31.2	323.7	80,400	41.0	343.9	72,500	230
235							9.2	259.5	63,500*	28.1	314.6	77,900	38.6	337.7	70,300	235
240										24.6	304.1	74,800*	36.0	330.9	68,100	240
245										20.5	291.5	71,600*	33.3	323.4	66,100	245
250										15.4	275.2	68,500*	30.4	315.1	64,100	250
255										7.0	247.7	64,800*	27.2	305.7	62,200	255
260													23.6	294.7	60,300	260
265													19.2	281.3	58,500	265
270													13.6	263.4	56,700	270

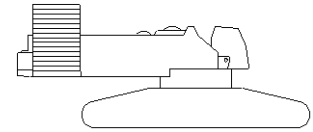


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



220 Ft. Boom, 200 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			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	74.8	427.8	151,100*													75
80	73.3	426.3	150,900*													80
85	71.8	424.6	150,500*													85
90	70.3	422.8	150,000*	72.6	424.9	150,300*										90
95	68.7	420.9	149,700*	71.1	423.2	150,300*										95
100	67.2	418.8	149,300*	69.6	421.4	150,300*										100
105	65.6	416.5	146,300*	68.1	419.3	149,600*										105
110	64.0	414.1	142,900*	66.5	417.2	149,200*										110
115	62.4	411.5	139,400*	64.9	414.8	145,900*										115
120	60.8	408.6	135,900*	63.3	412.3	142,500*										120
125	59.1	405.7	132,300*	61.7	409.6	139,000*	67.9	416.3	144,900*							125
130	57.4	402.5	128,700*	60.0	406.7	135,400*	66.3	414.1	144,900*							130
135	55.7	399.0	125,100*	58.3	403.6	131,800*	64.7	411.7	144,900*							135
140	53.9	395.4	121,500*	56.6	400.3	128,200*	63.1	409.2	143,100*							140
145	52.1	391.5	116,700*	54.9	396.8	124,500*	61.5	406.5	139,800*							145
150	50.2	387.4	110,800*	53.1	393.1	120,300*	59.8	403.5	136,400*							150
155	48.3	382.9	105,400*	51.3	389.1	114,200*	58.1	400.4	132,800*							155
160	46.3	378.2	100,400*	49.4	384.8	108,500*	56.4	397.1	129,300*	62.8	404.2	129,900				160
165	44.3	373.1	95,700*	47.4	380.2	103,300*	54.7	393.6	124,900*	61.2	401.4	124,800				165
170	42.1	367.6	91,300*	45.4	375.4	98,400*	52.9	389.8	119,900*	59.5	398.5	120,000				170
175	39.9	361.7	87,200*	43.4	370.1	93,900*	51.0	385.8	113,800*	57.8	395.3	115,500				175
180	37.6	355.3	83,300*	41.2	364.4	89,600*	49.1	381.5	108,200*	56.1	392.0	111,300				180
185	35.1	348.3	79,700*	38.9	358.3	85,600*	47.2	376.9	103,000*	54.3	388.4	107,300				185
190	32.5	340.6	76,300*	36.5	351.6	81,900*	45.2	371.9	98,200*	52.5	384.6	103,500				190
195	29.7	332.0	73,000*	34.0	344.4	78,300*	43.1	366.6	93,700*	50.7	380.5	100,000	57.4	388.3	90,300	195
200	26.5	322.3	69,900*	31.3	336.3	75,000*	40.9	360.9	89,400*	48.8	376.1	96,600	55.6	384.9	87,200	200
205	23.0	311.0	67,000*	28.3	327.2	71,800*	38.6	354.7	85,500*	46.8	371.5	93,400	53.8	381.2	84,200	205
210	18.8	297.3	64,100*	25.0	316.9	68,700*	36.2	348.0	81,700*	44.8	366.5	90,400	52.0	377.3	81,400	210
215	13.4	279.0	56,900*	21.3	304.8	65,800*	33.7	340.6	78,200*	42.7	361.1	87,500	50.2	373.2	78,800	215
220				16.7	289.5	63,000*	30.9	332.4	74,900*	40.5	355.3	84,700	48.3	368.7	76,300	220
225				10.1	267.0	54,100*	28.0	323.3	71,700*	38.2	349.0	82,100	46.3	364.0	73,900	225
230							24.6	312.8	68,700*	35.8	342.2	79,600	44.2	358.9	71,600	230
235							20.8	300.3	65,800*	33.2	334.7	77,200	42.1	353.4	69,300	235
240							16.0	284.5	63,000*	30.4	326.3	74,600*	39.9	347.5	67,200	240
245							8.9	260.2	58,000*	27.4	317.0	71,500*	37.6	341.0	65,200	245
250										24.0	306.1	68,500*	35.1	334.0	63,200	250
255										20.0	293.2	65,600*	32.4	326.3	61,400	255
260										15.0	276.5	62,800*	29.6	317.7	59,500	260
265										6.8	248.2	59,300*	26.5	308.0	57,800	265
270													22.9	296.7	56,100	270
275													18.7	282.9	54,400	275
280													13.3	264.5	52,700	280

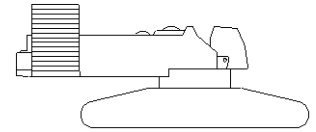


Liftcrane Luffing Jib Capacities

18000

**Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating**

**Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5**



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			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	
80	74.1	436.8	140,500*													80
85	72.7	435.2	140,300*													85
90	71.3	433.5	139,700*													90
95	69.8	431.6	139,300*	72.1	433.8	139,600*										95
100	68.3	429.6	138,900*	70.6	432.0	139,600*										100
105	66.8	427.5	138,500*	69.2	430.1	139,000*										105
110	65.3	425.2	136,300*	67.7	428.1	138,800*										110
115	63.8	422.7	132,900*	66.2	425.9	138,600*										115
120	62.3	420.1	129,500*	64.7	423.5	135,800*										120
125	60.7	417.3	126,000*	63.2	421.0	132,400*										125
130	59.1	414.3	122,500*	61.6	418.3	129,000*	67.5	425.0	134,400*							130
135	57.5	411.1	119,100*	60.0	415.4	125,500*	66.0	422.8	134,400*							135
140	55.9	407.7	115,600*	58.4	412.3	122,000*	64.5	420.4	134,400*							140
145	54.2	404.1	112,200*	56.8	409.0	118,500*	63.0	417.8	132,900*							145
150	52.5	400.3	108,800*	55.1	405.6	115,000*	61.4	415.1	129,700*							150
155	50.7	396.2	105,300*	53.4	401.9	111,500*	59.8	412.2	126,300*							155
160	48.9	391.9	100,200*	51.7	397.9	108,200*	58.2	409.1	122,900*							160
165	47.0	387.3	95,600*	49.9	393.7	103,200*	56.6	405.8	119,400*	62.7	412.8	124,500				165
170	45.1	382.3	91,200*	48.1	389.3	98,300*	54.9	402.3	116,000*	61.1	410.1	119,700				170
175	43.1	377.0	87,100*	46.2	384.5	93,700*	53.2	398.6	112,500*	59.5	407.1	115,200				175
180	41.1	371.3	83,300*	44.3	379.4	89,500*	51.5	394.6	108,100*	57.9	404.0	111,000				180
185	38.9	365.2	79,600*	42.2	373.9	85,500*	49.7	390.4	102,900*	56.3	400.7	107,100				185
190	36.6	358.5	76,200*	40.1	368.0	81,800*	47.9	385.9	98,000*	54.6	397.1	103,300				190
195	34.2	351.3	73,000*	37.9	361.7	78,200*	46.0	381.1	93,500*	52.9	393.4	99,800				195
200	31.7	343.4	69,900*	35.6	354.8	74,900*	44.0	375.9	89,300*	51.2	389.4	96,400	57.5	397.0	86,900	200
205	28.9	334.5	67,000*	33.1	347.3	71,800*	42.0	370.4	85,400*	49.4	385.1	93,200	55.8	393.6	84,000	205
210	25.9	324.5	64,200*	30.5	339.0	68,800*	39.9	364.5	81,600*	47.5	380.5	90,200	54.2	390.0	81,200	210
215	22.4	312.9	61,600*	27.6	329.7	65,900*	37.7	358.1	78,100*	45.6	375.6	87,300	52.4	386.1	78,600	215
220	18.3	298.9	59,000*	24.4	319.0	63,200*	35.3	351.1	74,800*	43.7	370.5	84,600	50.7	382.0	76,000	220
225	13.0	280.1	52,200*	20.7	306.5	60,600*	32.8	343.5	71,700*	41.6	364.9	81,900	48.9	377.7	73,600	225
230				16.2	290.9	58,000*	30.2	335.1	68,700*	39.5	358.9	79,400	47.0	373.1	71,300	230
235				9.8	267.8	49,700*	27.2	325.6	65,900*	37.2	352.4	77,000	45.1	368.1	69,100	235
240							24.0	314.8	63,200*	34.9	345.3	74,500*	43.1	362.8	67,000	240
245							20.2	302.0	60,600*	32.4	337.5	71,400*	41.0	357.1	65,000	245
250							15.6	285.8	58,000*	29.6	328.9	68,500*	38.9	351.0	63,100	250
255							8.7	260.9	53,500*	26.7	319.3	65,700*	36.6	344.3	61,200	255
260										23.4	308.2	63,000*	34.2	337.1	59,400	260
265										19.5	294.9	60,400*	31.6	329.1	57,700	265
270										14.6	277.7	57,800*	28.9	320.2	56,000	270
275										6.6	248.7	54,600*	25.8	310.2	54,400	275
280													22.3	298.6	52,800	280
285													18.3	284.5	51,200	285
290													12.9	265.5	49,700	290

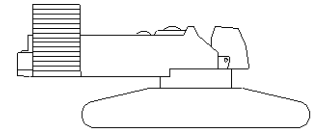


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



220 Ft. Boom, 220 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			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	
80	74.9	447.2	130,800*													80
85	73.5	445.7	130,600*													85
90	72.1	444.1	130,300*													90
95	70.8	442.3	129,800*	72.9	444.3	129,800*										95
100	69.4	440.4	129,400*	71.5	442.7	129,800*										100
105	68.0	438.4	129,000*	70.2	440.9	129,700*										105
110	66.5	436.2	128,700*	68.8	438.9	129,100*										110
115	65.1	433.9	126,300*	67.3	436.8	128,800*										115
120	63.7	431.4	123,000*	65.9	434.6	128,600*										120
125	62.2	428.8	119,600*	64.5	432.2	125,700*										125
130	60.7	426.0	116,300*	63.0	429.6	122,400*										130
135	59.2	423.0	112,900*	61.5	426.9	119,100*	67.2	433.7	124,700*							135
140	57.6	419.8	109,500*	60.0	424.0	115,700*	65.7	431.5	124,700*							140
145	56.1	416.5	106,200*	58.5	421.0	112,200*	64.3	429.1	124,700*							145
150	54.5	412.9	102,900*	56.9	417.7	108,900*	62.8	426.5	122,800*							150
155	52.8	409.1	99,600*	55.4	414.3	105,500*	61.4	423.8	119,600*							155
160	51.2	405.1	96,400*	53.8	410.6	102,200*	59.8	420.9	116,300*							160
165	49.4	400.8	93,200*	52.1	406.7	98,900*	58.3	417.8	113,000*							165
170	47.7	396.3	90,100*	50.4	402.6	95,700*	56.8	414.5	109,700*	62.6	421.5	117,600*				170
175	45.9	391.5	86,500*	48.7	398.2	92,500*	55.2	411.0	106,300*	61.1	418.7	114,300				175
180	44.0	386.3	82,700*	46.9	393.6	88,900*	53.6	407.3	103,000*	59.6	415.8	110,100				180
185	42.1	380.8	79,000*	45.1	388.6	84,900*	51.9	403.4	99,700*	58.0	412.7	106,100				185
190	40.1	374.9	75,600*	43.2	383.3	81,200*	50.2	399.3	96,500*	56.5	409.4	102,400				190
195	38.0	368.6	72,400*	41.2	377.7	77,700*	48.5	394.9	92,900*	54.9	405.9	98,800				195
200	35.8	361.7	69,400*	39.2	371.6	74,300*	46.7	390.2	88,700*	53.3	402.1	95,500				200
205	33.4	354.3	66,500*	37.0	365.0	71,200*	44.8	385.2	84,700*	51.6	398.2	92,300	57.6	405.6	82,900	205
210	30.9	346.1	63,700*	34.7	357.9	68,200*	42.9	379.8	81,000*	49.9	394.0	89,300	56.0	402.3	80,200	210
215	28.2	337.0	61,100*	32.3	350.1	65,400*	41.0	374.1	77,500*	48.1	389.5	86,400	54.4	398.7	77,500	215
220	25.2	326.7	58,600*	29.8	341.6	62,700*	38.9	368.0	74,300*	46.4	384.8	83,700	52.8	394.9	75,000	220
225	21.9	314.8	56,200*	26.9	332.0	60,100*	36.7	361.4	71,100*	44.5	379.7	81,100	51.1	390.9	72,600	225
230	17.9	300.4	53,900*	23.8	321.1	57,700*	34.5	354.2	68,200*	42.6	374.3	78,600	49.4	386.6	70,400	230
235	12.7	281.1	46,500*	20.2	308.3	55,300*	32.0	346.3	65,400*	40.6	368.5	76,200	47.7	382.1	68,200	235
240				15.9	292.2	52,900*	29.4	337.7	62,700*	38.5	362.3	73,900	45.8	377.3	66,100	240
245				9.6	268.6	44,200*	26.6	328.0	60,100*	36.3	355.6	70,900*	44.0	372.1	64,100	245
250							23.4	316.9	57,700*	34.0	348.3	67,900*	42.0	366.6	62,200	250
255							19.8	303.7	55,300*	31.6	340.3	65,100*	40.0	360.7	60,300	255
260							15.2	287.1	53,000*	28.9	331.5	62,500*	37.9	354.4	58,500	260
265							8.5	261.6	47,800*	26.0	321.5	59,900*	35.7	347.5	56,800	265
270										22.8	310.1	57,500*	33.4	340.0	55,200	270
275										19.0	296.5	55,100*	30.9	331.8	53,600	275
280										14.2	278.9	52,800*	28.2	322.7	52,000	280
285										6.4	249.2	49,700*	25.2	312.4	50,500	285
290													21.8	300.5	49,000	290
295													17.8	286.0	47,600	295
300													12.6	266.6	46,100	300

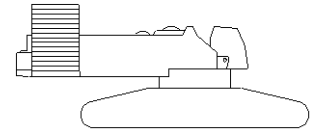


Liftcrane Luffing Jib Capacities

18000

**Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating**

**Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5**



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			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	74.2	456.1	118,400*													85
90	72.9	454.6	118,200*													90
95	71.6	452.9	117,900*													95
100	70.3	451.1	117,400*	72.4	453.2	117,500*										100
105	69.0	449.2	117,000*	71.1	451.5	117,400*										105
110	67.6	447.1	116,600*	69.7	449.6	117,100*										110
115	66.3	444.9	116,300*	68.4	447.7	116,600*										115
120	64.9	442.6	115,900*	67.0	445.5	116,300*										120
125	63.5	440.1	113,400*	65.7	443.3	116,100*										125
130	62.1	437.4	110,200*	64.3	440.9	115,800*										130
135	60.7	434.6	107,100*	62.9	438.3	112,800*										135
140	59.2	431.6	103,900*	61.5	435.6	109,600*	66.9	442.5	112,500*							140
145	57.7	428.5	100,700*	60.0	432.7	106,500*	65.5	440.2	112,500*							145
150	56.2	425.1	97,600*	58.6	429.6	103,300*	64.1	437.7	112,500*							150
155	54.7	421.6	94,600*	57.1	426.4	100,100*	62.7	435.2	112,500*							155
160	53.2	417.9	91,500*	55.6	423.0	97,000*	61.3	432.4	110,100*							160
165	51.6	413.9	88,500*	54.0	419.4	93,900*	59.9	429.5	107,000*							165
170	49.9	409.7	85,600*	52.5	415.5	90,800*	58.4	426.4	103,900*							170
175	48.3	405.3	82,700*	50.9	411.5	87,800*	56.9	423.2	100,700*	62.5	430.2	105,800*				175
180	46.6	400.6	79,800*	49.2	407.2	84,900*	55.4	419.7	97,600*	61.0	427.4	105,800*				180
185	44.8	395.6	77,100*	47.5	402.6	82,000*	53.8	416.1	94,600*	59.6	424.5	105,400				185
190	43.0	390.2	74,400*	45.8	397.8	79,100*	52.3	412.2	91,500*	58.1	421.4	101,600				190
195	41.1	384.5	71,800*	44.0	392.6	76,400*	50.7	408.1	88,500*	56.6	418.1	98,100				195
200	39.1	378.5	68,800*	42.2	387.1	73,700*	49.0	403.8	85,500*	55.1	414.6	94,800				200
205	37.1	371.9	65,900*	40.2	381.3	70,600*	47.3	399.2	82,600*	53.6	410.9	91,600				205
210	34.9	364.9	63,200*	38.2	375.0	67,700*	45.6	394.4	79,700*	52.0	407.0	88,600	57.7	414.3	79,400	210
215	32.6	357.2	60,600*	36.2	368.2	64,800*	43.8	389.2	76,900*	50.4	402.9	85,700	56.2	411.0	76,800	215
220	30.2	348.7	58,100*	33.9	360.9	62,200*	41.9	383.6	73,600*	48.7	398.5	83,000	54.7	407.4	74,300	220
225	27.6	339.4	55,800*	31.6	352.9	59,600*	40.0	377.7	70,500*	47.0	393.9	80,400	53.1	403.7	71,900	225
230	24.7	328.9	53,500*	29.1	344.1	57,200*	38.0	371.4	67,600*	45.3	388.9	77,900	51.5	399.7	69,600	230
235	21.4	316.7	51,300*	26.3	334.3	54,900*	35.9	364.6	64,800*	43.5	383.7	75,500	49.9	395.5	67,400	235
240	17.5	301.9	49,100*	23.3	323.1	52,600*	33.7	357.2	62,100*	41.6	378.1	73,300	48.2	391.1	65,400	240
245	12.4	282.2	42,100*	19.8	310.0	50,400*	31.3	349.1	59,600*	39.6	372.1	70,200*	46.5	386.4	63,400	245
250				15.5	293.5	48,200*	28.8	340.2	57,200*	37.6	365.7	67,300*	44.8	381.4	61,500	250
255				9.3	269.3	40,100*	26.0	330.2	54,900*	35.5	358.8	64,600*	42.9	376.0	59,600	255
260							22.9	318.8	52,600*	33.2	351.2	61,900*	41.1	370.3	57,800	260
265							19.3	305.4	50,500*	30.8	343.0	59,400*	39.1	364.2	56,100	265
270							14.9	288.4	48,300*	28.3	334.0	57,000*	37.0	357.7	54,500	270
275							8.3	262.2	43,600*	25.4	323.8	54,700*	34.9	350.6	52,900	275
280										22.3	312.0	52,500*	32.6	342.9	51,400	280
285										18.6	298.1	50,300*	30.2	334.5	49,900	285
290										13.9	280.1	48,200*	27.5	325.1	48,500	290
295										6.2	249.7	45,300*	24.6	314.5	47,100	295
300													21.3	302.3	45,700	300
305													17.4	287.5	44,400	305
310													12.3	267.6	43,000	310

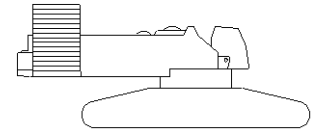


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



220 Ft. Boom, 240 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			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	74.9	466.5	110,400*													85
90	73.7	465.1	110,100*													90
95	72.4	463.5	109,800*													95
100	71.2	461.8	109,500*													100
105	69.9	459.9	109,000*	71.9	462.1	109,200*										105
110	68.6	458.0	108,600*	70.6	460.3	109,000*										110
115	67.3	455.9	108,200*	69.3	458.4	108,700*										115
120	66.0	453.6	107,800*	68.0	456.4	108,200*										120
125	64.7	451.3	107,300*	66.7	454.3	107,900*										125
130	63.4	448.8	104,400*	65.4	452.0	107,500*										130
135	62.0	446.1	101,200*	64.1	449.5	106,800*										135
140	60.6	443.3	98,200*	62.8	447.0	103,700*	67.9	453.4	104,200*							140
145	59.2	440.3	95,100*	61.4	444.2	100,600*	66.6	451.2	104,200*							145
150	57.8	437.2	92,100*	60.0	441.4	97,500*	65.3	448.9	104,200*							150
155	56.4	433.9	89,100*	58.6	438.3	94,400*	63.9	446.4	104,200*							155
160	54.9	430.3	86,100*	57.2	435.1	91,400*	62.6	443.8	103,800*							160
165	53.5	426.6	83,100*	55.8	431.7	88,300*	61.2	441.1	100,900*							165
170	51.9	422.7	80,300*	54.3	428.1	85,300*	59.9	438.2	97,900*							170
175	50.4	418.6	77,400*	52.8	424.3	82,400*	58.5	435.1	94,900*							175
180	48.8	414.2	74,700*	51.3	420.3	79,600*	57.0	431.9	91,800*	62.4	438.8	97,800*				180
185	47.2	409.6	72,000*	49.7	416.1	76,700*	55.6	428.5	88,800*	61.0	436.1	97,800*				185
190	45.5	404.7	69,300*	48.1	411.6	74,000*	54.1	424.8	85,900*	59.6	433.1	96,800*				190
195	43.8	399.6	66,800*	46.5	406.9	71,300*	52.6	421.0	83,000*	58.2	430.0	94,000*				195
200	42.0	394.1	64,300*	44.8	401.9	68,600*	51.1	417.0	80,100*	56.8	426.8	91,200*				200
205	40.2	388.2	61,800*	43.0	396.5	66,100*	49.5	412.7	77,300*	55.3	423.3	88,300*				205
210	38.3	381.9	59,500*	41.2	390.9	63,600*	47.9	408.2	74,500*	53.8	419.6	85,500*				210
215	36.3	375.2	57,200*	39.4	384.8	61,200*	46.3	403.5	71,800*	52.3	415.8	82,700*	57.8	423.0	75,800	215
220	34.2	367.9	55,000*	37.4	378.4	58,800*	44.6	398.4	69,100*	50.8	411.7	79,900*	56.4	419.7	73,300	220
225	31.9	360.0	52,800*	35.4	371.4	56,500*	42.8	393.1	66,500*	49.2	407.4	77,100*	54.9	416.2	70,900	225
230	29.5	351.3	50,700*	33.2	363.9	54,300*	41.0	387.4	64,000*	47.6	402.9	74,400*	53.4	412.5	68,600	230
235	27.0	341.8	48,700*	30.9	355.7	52,200*	39.1	381.3	61,600*	46.0	398.1	71,700*	51.9	408.5	66,500	235
240	24.1	331.0	46,800*	28.4	346.6	50,100*	37.2	374.7	59,200*	44.2	393.0	69,100*	50.4	404.4	64,400	240
245	20.9	318.5	45,000*	25.8	336.6	48,200*	35.1	367.7	56,900*	42.5	387.5	66,500*	48.8	400.1	62,400	245
250	17.1	303.4	43,200*	22.8	325.1	46,300*	32.9	360.1	54,700*	40.7	381.8	64,100*	47.2	395.4	60,500	250
255	12.1	283.2	37,900*	19.3	311.6	44,400*	30.6	351.8	52,600*	38.8	375.6	61,600*	45.5	390.5	58,700	255
260				15.1	294.8	42,700*	28.1	342.7	50,500*	36.8	369.0	59,300*	43.8	385.4	56,900	260
265				9.1	270.1	36,100*	25.4	332.5	48,500*	34.7	361.9	57,000*	42.0	379.8	55,200	265
270							22.4	320.8	46,600*	32.5	354.1	54,800*	40.1	374.0	53,600	270
275							18.9	307.0	44,800*	30.2	345.7	52,700*	38.2	367.7	52,000	275
280							14.6	289.6	43,000*	27.6	336.4	50,600*	36.2	360.9	50,500	280
285							8.1	262.9	39,500*	24.9	325.9	48,600*	34.1	353.6	49,100	285
290										21.8	313.9	46,700*	31.9	345.7	47,600	290
295										18.2	299.6	44,800*	29.5	337.1	46,300	295
300										13.6	281.2	43,200*	26.9	327.5	44,900	300
305										6.1	250.2	41,100*	24.1	316.6	43,600	305
310													20.8	304.1	42,300	310
320													12.0	268.6	39,800	320

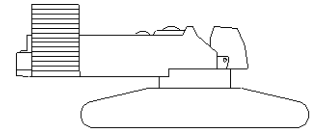


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



240 Ft. Boom, 70 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			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	
45	72.2	321.3	369,500*b													45
50	67.8	319.2	359,800*b													50
55	63.2	316.7	343,700*b	70.9	320.0	359,500*b										55
60	58.4	313.6	327,700*b	66.4	317.8	344,200*b										60
65	53.3	309.9	312,200*	61.8	315.1	329,000*b										65
70	47.8	305.4	297,200*	56.9	311.9	314,100*										70
75	41.7	299.9	273,200*	51.7	308.0	299,200*										75
80	34.7	293.0	247,000*	46.0	303.2	278,800*	67.4	315.3	296,400*b							80
85	26.0	283.6	224,600*	39.7	297.4	259,500*	62.8	312.7	276,300*b							85
90	11.4	266.5	176,600*	32.4	289.8	240,300*	58.0	309.6	258,600*							90
95				22.7	279.2	218,800*	52.9	305.9	242,700*							95
100							47.4	301.3	228,400*							100
105							41.2	295.7	215,500*							105
110							34.2	288.7	203,700*	58.8	305.3	211,000*				110
115							25.2	279.0	192,600*	53.7	301.6	200,200*				115
120							9.2	260.1	181,800*	48.3	297.2	190,300*				120
125										42.2	291.8	181,100*				125
130										35.4	285.0	172,500*				130
135										26.8	275.9	164,400*	54.0	295.2	154,000	135
140										13.4	260.3	156,400*	48.6	290.8	147,000	140
145													42.6	285.5	140,500	145
150													35.8	278.8	134,400	150
155													27.4	269.9	128,600	155
160													14.5	254.9	122,900	160

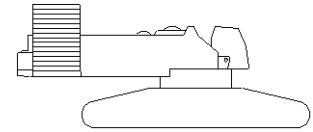


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



240 Ft. Boom, 80 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			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	
45	74.5	331.8	352,800*b													45
50	70.7	330.1	343,900*b													50
55	66.8	327.9	331,200*b													55
60	62.8	325.3	317,200*b	69.5	328.8	331,200*b										60
65	58.6	322.3	303,500*	65.6	326.5	317,900*b										65
70	54.2	318.7	290,100*	61.5	323.8	304,800*										70
75	49.5	314.5	277,200*	57.3	320.6	291,900*										75
80	44.4	309.4	257,500*	52.8	316.8	278,300*										80
85	38.8	303.4	234,700*	48.0	312.4	259,200*	66.5	324.0	275,000*b							85
90	32.3	295.8	215,100*	42.8	307.0	242,200*	62.5	321.4	257,400*							90
95	24.1	285.6	197,900*	36.9	300.6	227,000*	58.3	318.3	241,600*							95
100	10.5	267.2	160,300*	30.1	292.4	210,000*	53.8	314.7	227,500*							100
105				21.1	280.9	193,400*	49.1	310.4	214,700*							105
110							44.0	305.3	203,100*							110
115							38.3	299.1	192,500*	58.9	313.9	198,900*				115
120							31.8	291.4	182,600*	54.5	310.4	189,100*				120
125							23.4	280.9	173,400*	49.9	306.2	180,000*				125
130							8.5	260.7	164,200*	44.8	301.3	171,600*				130
135										39.3	295.3	163,800*				135
140										32.9	287.9	156,500*	54.8	303.9	146,100	140
145										24.9	278.0	149,500*	50.2	299.8	139,700	145
150										12.3	261.1	142,600*	45.1	294.9	133,700	150
155													39.6	289.0	128,100	155
160													33.3	281.7	122,800	160
165													25.4	272.0	117,800	165
170													13.4	255.9	112,800	170

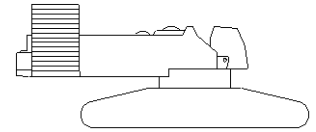


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	
50	72.9	340.7	323,500*b													50
55	69.5	338.8	318,600*b													55
60	66.1	336.6	306,400*b	71.9	339.5	318,400*b										60
65	62.5	334.0	294,300*	68.5	337.5	306,800*b										65
70	58.7	331.0	282,300*	65.0	335.2	295,200*										70
75	54.9	327.5	270,800*	61.4	332.4	283,700*										75
80	50.8	323.4	259,500*	57.6	329.3	272,500*										80
85	46.4	318.7	241,900*	53.7	325.6	258,900*										85
90	41.6	313.2	222,000*	49.5	321.4	242,100*	65.8	332.7	256,500*							90
95	36.4	306.6	204,800*	45.0	316.4	227,100*	62.2	330.0	240,900*							95
100	30.3	298.4	189,500*	40.1	310.6	213,600*	58.5	327.0	226,900*							100
105	22.6	287.5	175,900*	34.7	303.6	200,300*	54.6	323.4	214,200*							105
110	9.7	267.9	146,700*	28.2	294.8	185,600*	50.4	319.3	202,700*							110
115				19.8	282.5	172,300*	46.1	314.6	192,200*	62.8	325.6	198,000*				115
120							41.3	309.0	182,500*	59.1	322.6	188,200*				120
125							36.0	302.3	173,600*	55.2	319.1	179,300*				125
130							29.8	294.0	165,300*	51.1	315.1	171,000*				130
135							22.0	282.7	157,500*	46.8	310.5	163,300*				135
140							7.8	261.1	149,600*	42.1	305.0	156,200*				140
145										36.8	298.5	149,500*	55.4	312.7	139,100	145
150										30.8	290.5	143,100*	51.3	308.7	133,200	150
155										23.4	279.9	137,100*	47.0	304.1	127,600	155
160										11.5	262.0	131,000*	42.3	298.7	122,500	160
165													37.1	292.3	117,600	165
170													31.2	284.4	113,000	170
175													23.8	274.0	108,600	175
180													12.5	256.9	104,200	180

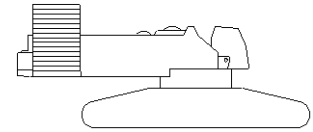


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



240 Ft. Boom, 100 Ft. Luffing Jib

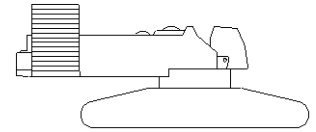
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point 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	
50	74.7	351.2	300,000*b													50
55	71.7	349.5	297,300*b													55
60	68.6	347.6	294,500*b													60
65	65.5	345.3	284,200*	70.8	348.3	295,100*b										65
70	62.2	342.6	273,600*	67.7	346.2	284,800*										70
75	58.9	339.6	263,200*	64.5	343.8	274,600*										75
80	55.4	336.2	253,000*	61.2	341.1	264,600*										80
85	51.8	332.3	243,200*	57.8	338.0	254,700*										85
90	47.9	327.8	226,500*	54.3	334.4	241,300*										90
95	43.8	322.6	209,000*	50.6	330.3	226,400*	65.2	341.4	239,600*							95
100	39.3	316.7	193,700*	46.7	325.6	213,000*	62.0	338.7	225,600*							100
105	34.4	309.6	180,200*	42.5	320.3	200,900*	58.6	335.6	213,000*							105
110	28.6	300.8	168,000*	37.9	314.0	189,800*	55.1	332.2	201,600*							110
115	21.3	289.2	157,000*	32.7	306.5	176,700*	51.5	328.2	191,200*							115
120	9.1	268.5	134,300*	26.6	297.1	164,900*	47.6	323.7	181,600*	62.5	334.3	186,800*				120
125				18.6	284.0	154,100*	43.5	318.5	172,800*	59.2	331.3	177,900*				125
130							39.0	312.4	164,700*	55.7	327.9	169,700*				130
135							34.0	305.2	157,100*	52.1	324.0	162,100*				135
140							28.1	296.4	150,000*	48.2	319.6	155,000*				140
145							20.7	284.5	143,200*	44.2	314.5	148,400*				145
150							7.3	261.6	136,400*	39.7	308.6	142,200*	55.9	321.4	132,100	150
155										34.8	301.6	136,400*	52.3	317.5	126,600	155
160										29.1	293.0	130,900*	48.5	313.2	121,600	160
165										22.1	281.8	125,600*	44.4	308.1	116,800	165
170										10.8	262.8	120,200*	40.0	302.3	112,300	170
175													35.1	295.4	108,000	175
180													29.5	286.9	103,900	180
185													22.5	275.8	100,000	185
190													11.7	257.7	96,100	190

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	
55	73.4	360.1	274,700*b													55
60	70.6	358.4	272,300*b													60
65	67.8	356.3	269,900*	72.6	358.9	275,500*b										65
70	65.0	354.0	264,000*	69.8	357.1	273,900*										70
75	62.0	351.3	254,700*	67.0	354.9	264,800*										75
80	59.0	348.3	245,600*	64.1	352.5	255,800*										80
85	55.8	344.9	236,700*	61.1	349.7	247,000*										85
90	52.6	341.1	228,100*	58.0	346.6	238,400*										90
95	49.1	336.8	212,900*	54.9	343.1	225,900*	67.6	352.4	238,600*							95
100	45.5	331.9	197,400*	51.5	339.2	212,600*	64.8	350.0	224,700*							100
105	41.6	326.4	183,700*	48.1	334.7	200,500*	61.8	347.4	212,200*							105
110	37.4	320.0	171,500*	44.4	329.7	189,600*	58.7	344.3	200,800*							110
115	32.6	312.4	160,600*	40.4	323.9	179,600*	55.6	340.9	190,400*							115
120	27.2	303.2	150,600*	36.0	317.2	168,400*	52.3	337.0	180,900*							120
125	20.3	290.9	141,400*	31.1	309.2	157,700*	48.9	332.7	172,200*	62.3	342.9	176,900*				125
130	8.6	269.1	123,100*	25.3	299.2	148,000*	45.2	327.8	164,200*	59.2	339.9	168,700*				130
135				17.7	285.5	139,000*	41.3	322.2	156,700*	56.1	336.6	161,200*				135
140							37.0	315.7	149,700*	52.8	332.8	154,200*				140
145							32.3	308.1	143,200*	49.4	328.6	147,700*				145
150							26.7	298.7	137,100*	45.8	323.7	141,600*				150
155							19.7	286.1	131,200*	41.9	318.3	135,800*	56.3	330.1	125,900	155
160							6.9	262.0	125,200*	37.7	311.9	130,400*	53.0	326.4	120,900	160
165										33.1	304.5	125,300*	49.6	322.1	116,200	165
170										27.7	295.4	120,500*	46.0	317.4	111,700	170
175										20.9	283.5	115,800*	42.2	311.9	107,500	175
180										10.2	263.5	111,000*	38.0	305.6	103,600	180
185													33.3	298.3	99,800	185
190													28.0	289.3	96,200	190
195													21.4	277.6	92,700	195
200													11.1	258.6	89,200	200

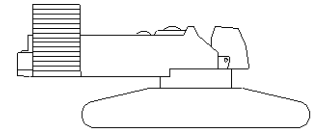


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



240 Ft. Boom, 120 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			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	
55	74.8	370.6	255,000* ^b													55
60	72.3	369.0	253,500* ^b													60
65	69.8	367.1	251,600*													65
70	67.2	365.0	249,400*	71.6	367.8	254,500*										70
75	64.6	362.6	246,300*	69.0	365.8	253,900*										75
80	61.8	360.0	238,200*	66.4	363.6	247,300*										80
85	59.1	357.0	230,200*	63.8	361.2	239,400*										85
90	56.2	353.6	222,300*	61.0	358.4	231,600*										90
95	53.2	349.9	214,600*	58.2	355.3	223,800*										95
100	50.1	345.7	199,300*	55.3	351.9	211,600*	67.0	361.1	223,300*							100
105	46.8	341.1	185,500*	52.3	348.0	199,600*	64.4	358.7	210,800*							105
110	43.4	335.9	173,300*	49.2	343.7	188,800*	61.6	356.0	199,500*							110
115	39.7	329.9	162,300*	45.8	338.9	178,800*	58.9	353.0	189,200*							115
120	35.7	323.1	152,400*	42.3	333.5	169,800*	56.0	349.6	179,700*							120
125	31.2	315.1	143,400*	38.5	327.3	159,500*	53.0	345.9	171,100*							125
130	25.9	305.4	135,100*	34.4	320.2	149,800*	49.9	341.7	163,100*	62.1	351.6	167,300*				130
135	19.3	292.5	127,400*	29.7	311.7	141,000*	46.6	337.0	155,700*	59.3	348.6	159,800*				135
140	8.2	269.7	109,700*	24.2	301.3	133,000*	43.1	331.7	148,800*	56.4	345.3	152,800*				140
145				16.9	286.9	125,400*	39.4	325.7	142,400*	53.5	341.6	146,300*				145
150							35.4	318.9	136,300*	50.4	337.5	140,300*				150
155							30.8	310.7	130,700*	47.1	332.9	134,600*				155
160							25.5	300.8	125,300*	43.7	327.7	129,300*	56.6	338.8	119,800	160
165							18.8	287.6	120,100*	40.0	321.8	124,300*	53.6	335.1	115,100	165
170							6.5	262.5	114,800*	36.0	315.1	119,500*	50.6	331.1	110,700	170
175										31.6	307.2	115,000*	47.3	326.5	106,600	175
180										26.4	297.7	110,700*	43.9	321.3	102,600	180
185										20.0	285.2	106,500*	40.2	315.5	98,900	185
190										9.7	264.2	102,300*	36.2	308.9	95,400	190
195													31.8	301.0	92,100	195
200													26.7	291.6	88,900	200
205													20.4	279.3	85,800	205
210													10.6	259.4	82,600	210

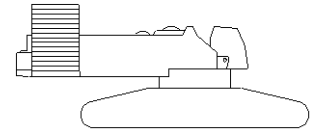


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	73.7	379.5	236,100*													60
65	71.4	377.8	234,700*													65
70	69.1	375.9	233,000*													70
75	66.7	373.7	231,200*	70.7	376.6	235,800*										75
80	64.2	371.3	229,300*	68.3	374.6	234,700*										80
85	61.7	368.6	223,500*	65.9	372.3	231,700*										85
90	59.1	365.6	216,300*	63.5	369.8	224,700*										90
95	56.5	362.3	209,300*	60.9	367.1	217,700*										95
100	53.8	358.7	202,000*	58.4	364.0	210,700*										100
105	50.9	354.6	188,100*	55.7	360.6	199,700*	66.5	369.8	210,700*							105
110	48.0	350.1	175,800*	52.9	356.8	188,900*	64.0	367.4	199,400*							110
115	44.9	345.2	164,800*	50.1	352.6	179,000*	61.5	364.7	189,100*							115
120	41.6	339.6	154,800*	47.1	348.0	170,000*	58.9	361.6	179,700*							120
125	38.0	333.3	145,800*	43.9	342.9	161,700*	56.3	358.3	171,100*							125
130	34.2	326.1	137,600*	40.5	337.1	152,300*	53.6	354.6	163,100*							130
135	29.9	317.7	130,000*	36.9	330.6	143,500*	50.7	350.6	155,700*	61.9	360.2	159,600*				135
140	24.8	307.5	123,000*	32.9	323.1	135,500*	47.8	346.1	148,900*	59.4	357.3	152,700*				140
145	18.5	294.0	116,500*	28.5	314.2	128,100*	44.6	341.0	142,500*	56.7	354.0	146,300*				145
150	7.8	270.2	97,400*	23.1	303.2	121,200*	41.3	335.4	136,600*	54.0	350.4	140,200*				150
155				16.1	288.2	114,700*	37.8	329.1	131,000*	51.2	346.4	134,600*				155
160							33.9	321.8	125,700*	48.2	341.9	129,300*				160
165							29.5	313.3	120,700*	45.1	337.0	124,400*	56.9	347.5	115,000	165
170							24.4	302.9	116,000*	41.9	331.5	119,700*	54.2	343.9	110,600	170
175							18.0	289.1	111,400*	38.3	325.3	115,200*	51.3	339.9	106,500	175
180							6.2	262.9	105,800*	34.5	318.2	111,000*	48.4	335.5	102,600	180
185										30.2	309.9	107,000*	45.3	330.6	99,000	185
190										25.3	299.8	103,100*	42.0	325.1	95,500	190
195										19.1	286.8	99,400*	38.5	319.0	92,200	195
200										9.3	264.9	95,600*	34.7	311.9	89,100	200
205													30.5	303.7	86,100	205
210													25.6	293.8	83,200	210
215													19.5	280.9	80,400	215
220													10.1	260.1	77,500	220

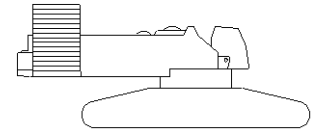


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



240 Ft. Boom, 140 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			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	74.9	390.0	219,500* ^b													60
65	72.8	388.4	218,800*													65
70	70.6	386.6	217,200*													70
75	68.4	384.6	215,800*	72.2	387.2	219,200*										75
80	66.2	382.4	214,300*	70.0	385.4	218,700*										80
85	63.9	380.0	212,300*	67.8	383.3	217,400*										85
90	61.6	377.3	206,900*	65.5	381.0	216,300*										90
95	59.2	374.3	201,400*	63.2	378.5	211,300*										95
100	56.8	371.0	196,000*	60.9	375.7	205,000*										100
105	54.2	367.4	188,300*	58.5	372.6	198,800*										105
110	51.6	363.5	175,900*	56.0	369.3	188,000*	66.0	378.5	198,100*							110
115	48.9	359.1	164,900*	53.5	365.6	178,100*	63.7	376.0	187,800*							115
120	46.1	354.4	154,900*	50.8	361.5	169,100*	61.4	373.3	178,500*							120
125	43.1	349.1	146,000*	48.1	357.1	160,900*	59.0	370.3	169,900*							125
130	39.9	343.2	137,800*	45.2	352.1	152,400*	56.6	367.0	161,900*							130
135	36.6	336.6	130,300*	42.2	346.7	143,600*	54.0	363.4	154,600*							135
140	32.8	329.0	123,400*	39.0	340.6	135,700*	51.4	359.4	147,800*	61.8	368.9	151,300*				140
145	28.7	320.2	117,000*	35.5	333.7	128,300*	48.7	355.1	141,500*	59.4	365.9	144,900*				145
150	23.9	309.5	111,000*	31.7	325.9	121,600*	45.9	350.3	135,600*	57.0	362.7	138,900*				150
155	17.8	295.5	105,300*	27.4	316.6	115,300*	42.9	344.9	130,000*	54.4	359.1	133,300*				155
160	7.4	270.8	88,300*	22.2	305.1	109,500*	39.7	339.0	124,800*	51.8	355.2	128,100*				160
165				15.5	289.4	103,900*	36.3	332.3	119,900*	49.1	350.9	123,100*				165
170							32.6	324.7	115,300*	46.3	346.2	118,500*	57.1	356.2	109,600	170
175							28.4	315.8	110,900*	43.4	340.9	114,100*	54.6	352.7	105,500	175
180							23.5	304.9	106,700*	40.2	335.1	110,000*	52.0	348.8	101,600	180
185							17.3	290.5	102,600*	36.9	328.5	106,000*	49.3	344.5	98,000	185
190							5.9	263.3	96,300*	33.2	321.1	102,200*	46.5	339.8	94,600	190
195										29.1	312.4	98,600*	43.5	334.6	91,300	195
200										24.3	301.9	95,200*	40.4	328.8	88,200	200
205										18.4	288.3	91,800*	37.0	322.3	85,300	205
210										8.9	265.6	88,300*	33.4	314.9	82,400	210
215													29.3	306.2	79,700	215
220													24.6	295.9	77,100	220
225													18.8	282.5	74,600	225
230													9.7	260.9	72,000	230

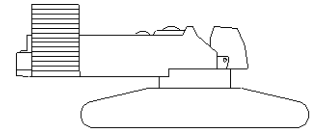


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	74.0	398.9	200,600*													65
70	72.0	397.3	199,900*													70
75	69.9	395.4	198,800*													75
80	67.9	393.4	197,700*	71.4	396.0	200,600*										80
85	65.8	391.1	196,600*	69.3	394.1	200,000*										85
90	63.6	388.6	195,100*	67.3	392.0	199,100*										90
95	61.5	385.9	190,500*	65.1	389.7	198,300*										95
100	59.3	383.0	185,800*	63.0	387.2	197,500*										100
105	57.0	379.7	181,000*	60.8	384.4	192,400*										105
110	54.6	376.2	176,200*	58.6	381.3	186,900*	67.7	389.5	196,700*							110
115	52.2	372.3	166,400*	56.3	378.0	177,400*	65.6	387.2	186,800*							115
120	49.7	368.1	156,300*	53.9	374.4	168,400*	63.5	384.7	177,500*							120
125	47.1	363.5	147,200*	51.5	370.4	160,200*	61.3	382.0	168,900*							125
130	44.4	358.4	139,000*	49.0	366.1	152,600*	59.1	379.0	161,000*							130
135	41.5	352.8	131,400*	46.3	361.3	144,900*	56.8	375.7	153,700*							135
140	38.5	346.6	124,500*	43.6	356.1	136,800*	54.5	372.2	146,900*							140
145	35.2	339.7	118,100*	40.7	350.4	129,500*	52.0	368.3	140,600*	61.7	377.5	143,800*				145
150	31.7	331.8	112,200*	37.6	344.0	122,700*	49.5	364.0	134,800*	59.4	374.6	137,900*				150
155	27.7	322.6	106,600*	34.2	336.8	116,400*	46.9	359.4	129,300*	57.2	371.4	132,300*				155
160	23.0	311.5	101,400*	30.5	328.5	110,600*	44.2	354.3	124,100*	54.8	367.9	127,100*				160
165	17.1	297.0	96,400*	26.4	318.9	105,200*	41.3	348.7	119,200*	52.4	364.0	122,200*				165
170	7.1	271.3	78,800*	21.4	307.0	100,100*	38.3	342.4	114,700*	49.9	359.8	117,600*				170
175				14.9	290.7	95,200*	35.0	335.4	110,300*	47.3	355.3	113,200*	57.3	364.9	104,700	175
180							31.4	327.4	106,200*	44.6	350.2	109,100*	55.0	361.4	100,900	180
185							27.4	318.1	102,300*	41.8	344.7	105,200*	52.6	357.6	97,300	185
190							22.6	306.9	98,500*	38.8	338.6	101,500*	50.1	353.4	93,800	190
195							16.6	291.9	94,800*	35.5	331.7	98,000*	47.5	348.9	90,600	195
200							5.6	263.6	86,300*	32.0	323.9	94,600*	44.8	343.9	87,500	200
205										28.0	314.8	91,300*	42.0	338.4	84,600	205
210										23.4	303.9	88,200*	38.9	332.3	81,800	210
215										17.7	289.8	85,100*	35.7	325.4	79,200	215
220										8.5	266.2	82,000*	32.2	317.7	76,600	220
225													28.3	308.7	74,200	225
230													23.7	297.9	71,800	230
235													18.1	284.0	69,500	235
240													9.3	261.6	67,100	240

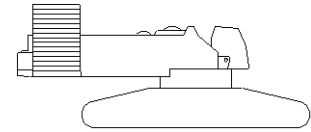


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



240 Ft. Boom, 160 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			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	75.0	409.3	190,600*													65
70	73.1	407.8	186,600*													70
75	71.2	406.1	185,500*													75
80	69.3	404.2	184,600*	72.6	406.6	186,500*										80
85	67.4	402.1	183,700*	70.7	404.9	186,500*										85
90	65.4	399.8	182,800*	68.8	402.9	185,600*										90
95	63.4	397.3	180,900*	66.8	400.8	185,000*										95
100	61.4	394.6	176,600*	64.8	398.4	184,300*										100
105	59.3	391.6	172,400*	62.8	395.8	183,700*										105
110	57.2	388.4	168,100*	60.8	393.0	181,700*										110
115	55.0	384.9	163,900*	58.7	390.0	176,400*	67.3	398.2	182,500*							115
120	52.7	381.1	156,000*	56.5	386.7	167,400*	65.3	395.9	176,100*							120
125	50.4	377.0	146,900*	54.3	383.1	159,200*	63.3	393.4	167,600*							125
130	48.0	372.5	138,700*	52.1	379.2	151,600*	61.2	390.6	159,700*							130
135	45.5	367.6	131,100*	49.7	375.0	144,600*	59.1	387.6	152,500*							135
140	42.9	362.3	124,200*	47.3	370.4	136,500*	57.0	384.4	145,700*							140
145	40.1	356.5	117,800*	44.7	365.4	129,200*	54.8	380.9	139,400*							145
150	37.2	350.0	111,900*	42.1	359.9	122,400*	52.6	377.1	133,600*	61.6	386.2	136,400*				150
155	34.1	342.7	106,500*	39.3	353.9	116,200*	50.2	372.9	128,100*	59.5	383.3	130,900*				155
160	30.6	334.5	101,400*	36.3	347.2	110,400*	47.8	368.4	123,000*	57.3	380.1	125,700*				160
165	26.7	324.9	96,600*	33.1	339.7	105,100*	45.3	363.5	118,200*	55.2	376.6	120,800*				165
170	22.2	313.4	92,000*	29.5	331.1	100,100*	42.7	358.2	113,600*	52.9	372.8	116,300*				170
175	16.6	298.3	87,700*	25.5	321.0	95,300*	39.9	352.3	109,300*	50.6	368.7	111,900*				175
180	6.9	271.8	71,600*	20.7	308.7	90,900*	37.0	345.7	105,300*	48.2	364.3	107,900*	57.5	373.6	99,800	180
185				14.4	291.9	86,500*	33.8	338.4	101,400*	45.7	359.5	104,000*	55.3	370.1	96,200	185
190							30.3	330.1	97,700*	43.1	354.2	100,300*	53.1	366.4	92,800	190
195							26.4	320.4	94,200*	40.4	348.3	96,800*	50.7	362.3	89,600	195
200							21.9	308.7	90,800*	37.5	341.9	93,500*	48.4	357.9	86,600	200
205							16.1	293.3	87,500*	34.3	334.7	90,300*	45.9	353.1	83,700	205
210							5.4	264.0	78,800*	30.9	326.6	87,300*	43.3	347.8	80,900	210
215										27.1	317.2	84,300*	40.5	342.0	78,300	215
220										22.7	305.9	81,500*	37.6	335.6	75,800	220
225										17.1	291.2	78,700*	34.5	328.5	73,400	225
230										8.2	266.9	75,800*	31.1	320.4	71,100	230
235													27.3	311.1	68,800	235
240													22.9	299.9	66,700	240
245													17.5	285.5	64,500	245
250													9.0	262.3	62,400	250

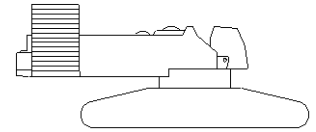


Liftcrane Luffing Jib Capacities

18000

**Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating**

**Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5**



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			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	
70	74.2	418.3	174,000*													70
75	72.4	416.7	173,200*													75
80	70.6	414.9	172,600*													80
85	68.8	413.0	171,800*	71.9	415.5	173,700*										85
90	67.0	410.8	171,100*	70.1	413.7	173,300*										90
95	65.1	408.5	170,300*	68.3	411.7	172,700*										95
100	63.2	406.0	168,000*	66.4	409.5	172,200*										100
105	61.3	403.2	164,300*	64.5	407.1	171,700*										105
110	59.3	400.3	160,500*	62.7	404.5	171,100*										110
115	57.3	397.1	156,700*	60.7	401.7	170,500*										115
120	55.3	393.6	152,900*	58.7	398.7	167,200*	66.8	406.9	169,700*							120
125	53.2	389.9	147,600*	56.7	395.4	159,000*	65.0	404.6	167,300*							125
130	51.0	385.9	139,300*	54.7	391.8	151,500*	63.1	402.0	159,500*							130
135	48.8	381.5	131,800*	52.5	388.0	144,500*	61.2	399.3	152,200*							135
140	46.5	376.8	124,900*	50.4	383.9	137,200*	59.2	396.3	145,500*							140
145	44.1	371.6	118,500*	48.1	379.4	129,800*	57.2	393.1	139,200*							145
150	41.5	366.1	112,600*	45.8	374.6	123,100*	55.1	389.6	133,400*							150
155	38.9	359.9	107,100*	43.3	369.3	116,800*	53.0	385.9	127,900*	61.5	394.9	130,600*				155
160	36.0	353.2	102,000*	40.8	363.6	111,100*	50.9	381.8	122,800*	59.5	391.9	125,400*				160
165	33.0	345.6	97,300*	38.0	357.3	105,700*	48.6	377.4	118,000*	57.5	388.7	120,600*				165
170	29.6	337.1	92,800*	35.1	350.3	100,800*	46.3	372.7	113,500*	55.5	385.3	116,000*				170
175	25.9	327.2	88,600*	32.0	342.5	96,100*	43.9	367.5	109,200*	53.4	381.6	111,700*				175
180	21.5	315.2	84,600*	28.6	333.6	91,700*	41.3	361.9	105,200*	51.2	377.6	107,700*				180
185	16.0	299.7	80,800*	24.7	323.2	87,600*	38.7	355.7	101,400*	49.0	373.3	103,800*	57.6	382.3	96,000	185
190	6.6	272.3	64,600*	20.1	310.4	83,600*	35.8	348.9	97,700*	46.7	368.6	100,100*	55.6	378.8	92,600	190
195				14.0	293.0	79,800*	32.7	341.3	94,300*	44.3	363.5	96,700*	53.5	375.1	89,400	195
200							29.4	332.7	91,000*	41.7	357.9	93,400*	51.3	371.1	86,400	200
205							25.6	322.6	87,800*	39.1	351.9	90,200*	49.1	366.8	83,500	205
210							21.2	310.5	84,700*	36.3	345.1	87,200*	46.8	362.2	80,800	210
215							15.5	294.5	81,000*	33.2	337.7	84,300*	44.4	357.1	78,200	215
220							5.2	264.4	71,400*	29.9	329.2	81,600*	41.9	351.6	75,700	220
225										26.2	319.5	78,900*	39.2	345.5	73,300	225
230										21.9	307.7	76,300*	36.4	338.9	71,000	230
235										16.6	292.6	73,700*	33.4	331.4	68,800	235
240										7.9	267.5	71,100*	30.1	323.0	66,700	240
245													26.5	313.4	64,700	245
250													22.2	301.8	62,700	250
255													16.9	286.9	60,700	255
260													8.7	263.0	58,700	260

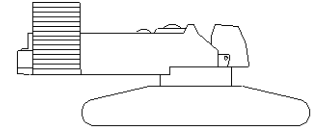


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



240 Ft. Boom, 180 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			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	73.4	427.2	162,000*													75
80	71.7	425.5	161,000*													80
85	70.0	423.7	160,500*	72.9	426.0	161,600*										85
90	68.3	421.7	159,800*	71.2	424.3	161,600*										90
95	66.6	419.6	159,200*	69.5	422.5	161,000*										95
100	64.8	417.2	158,500*	67.8	420.4	160,600*										100
105	63.0	414.7	156,100*	66.1	418.2	160,200*										105
110	61.2	411.9	152,800*	64.3	415.8	159,700*										110
115	59.4	409.0	149,400*	62.5	413.2	159,300*										115
120	57.5	405.8	146,000*	60.7	410.4	158,700*										120
125	55.6	402.3	142,600*	58.8	407.3	155,500*	66.5	415.6	157,700*							125
130	53.6	398.7	138,800*	56.9	404.1	150,500*	64.7	413.3	157,700*							130
135	51.6	394.7	131,200*	55.0	400.6	143,500*	62.9	410.7	150,900*							135
140	49.5	390.4	124,300*	53.0	396.8	136,600*	61.1	408.0	144,200*							140
145	47.3	385.9	118,000*	50.9	392.8	129,300*	59.2	405.0	138,000*							145
150	45.1	380.9	112,100*	48.8	388.4	122,500*	57.4	401.8	132,200*							150
155	42.7	375.5	106,700*	46.6	383.7	116,300*	55.4	398.3	126,800*							155
160	40.3	369.7	101,600*	44.4	378.6	110,600*	53.4	394.6	121,700*	61.4	403.5	124,000*				160
165	37.7	363.3	96,900*	42.0	373.1	105,300*	51.4	390.7	116,900*	59.5	400.6	119,200*				165
170	35.0	356.3	92,400*	39.5	367.2	100,300*	49.3	386.4	112,400*	57.7	397.4	114,700*				170
175	32.0	348.4	88,300*	36.9	360.6	95,700*	47.1	381.8	108,100*	55.7	394.0	110,400*				175
180	28.8	339.6	84,400*	34.1	353.3	91,300*	44.9	376.8	104,100*	53.8	390.4	106,300*				180
185	25.1	329.3	80,700*	31.1	345.2	87,200*	42.6	371.4	100,300*	51.7	386.4	102,500*				185
190	20.9	317.0	77,100*	27.7	336.0	83,400*	40.1	365.5	96,700*	49.6	382.2	98,900*	57.8	390.9	91,600	190
195	15.5	301.0	73,700*	23.9	325.2	79,700*	37.5	359.1	93,300*	47.5	377.6	95,400*	55.8	387.5	88,400	195
200	6.4	272.7	58,800*	19.5	312.1	76,200*	34.7	352.0	90,000*	45.3	372.7	92,200*	53.9	383.9	85,400	200
205				13.5	294.1	72,800*	31.8	344.1	86,900*	42.9	367.4	89,000*	51.8	380.0	82,500	205
210							28.5	335.1	83,900*	40.5	361.6	86,100*	49.8	375.8	79,800	210
215							24.9	324.8	80,900*	37.9	355.2	83,200*	47.6	371.2	77,200	215
220							20.6	312.3	77,300*	35.2	348.3	80,500*	45.4	366.3	74,700	220
225							15.1	295.8	73,900*	32.3	340.5	77,900*	43.1	361.0	72,400	225
230							5.0	264.7	65,200*	29.0	331.8	75,300*	40.6	355.2	70,100	230
235										25.5	321.6	72,900*	38.1	349.0	67,900	235
240										21.3	309.5	70,500*	35.4	342.0	65,900	240
245										16.1	293.9	68,200*	32.4	334.3	63,900	245
250										7.7	268.1	65,700*	29.2	325.6	61,900	250
255													25.7	315.6	60,100	255
260													21.5	303.6	58,200	260
265													16.4	288.3	56,400	265
270													8.4	263.6	54,600	270

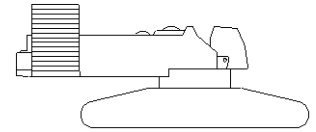


Liftcrane Luffing Jib Capacities

18000

**Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating**

**Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5**



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			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	74.3	437.7	148,100*													75
80	72.7	436.1	147,900*													80
85	71.1	434.4	147,200*													85
90	69.5	432.5	146,700*	72.3	434.9	148,300*										90
95	67.9	430.5	146,200*	70.7	433.1	148,100*										95
100	66.2	428.3	145,700*	69.0	431.2	147,200*										100
105	64.6	425.9	145,200*	67.4	429.1	146,800*										105
110	62.9	423.3	144,000*	65.8	426.9	146,500*										110
115	61.2	420.6	141,200*	64.1	424.4	146,200*										115
120	59.4	417.6	138,200*	62.4	421.8	145,800*										120
125	57.6	414.4	135,300*	60.6	419.0	145,400*	67.8	426.6	143,400*							125
130	55.8	411.0	132,300*	58.9	416.0	142,900*	66.1	424.4	143,400*							130
135	53.9	407.4	129,300*	57.1	412.8	139,500*	64.5	422.0	143,400*							135
140	52.0	403.5	124,200*	55.3	409.3	136,200*	62.8	419.4	143,200*							140
145	50.1	399.4	117,800*	53.4	405.6	129,100*	61.0	416.6	137,000*							145
150	48.0	394.9	111,900*	51.5	401.6	122,400*	59.3	413.6	131,200*							150
155	46.0	390.1	106,500*	49.5	397.4	116,200*	57.5	410.5	125,800*							155
160	43.8	384.9	101,400*	47.4	392.8	110,400*	55.7	407.0	120,700*	63.0	414.9	122,900*				160
165	41.5	379.3	96,700*	45.3	387.9	105,100*	53.8	403.4	116,000*	61.3	412.2	118,100*				165
170	39.1	373.2	92,300*	43.1	382.6	100,100*	51.9	399.5	111,500*	59.6	409.2	113,600*				170
175	36.6	366.6	88,200*	40.8	376.8	95,500*	49.9	395.3	107,300*	57.8	406.1	109,300*				175
180	34.0	359.3	84,300*	38.4	370.6	91,200*	47.9	390.8	103,300*	56.0	402.7	105,300*				180
185	31.1	351.2	80,600*	35.9	363.8	87,100*	45.8	386.0	99,500*	54.1	399.1	101,500*				185
190	28.0	342.0	77,100*	33.1	356.3	83,300*	43.6	380.7	95,900*	52.2	395.2	97,900*				190
195	24.4	331.5	73,800*	30.2	347.9	79,700*	41.3	375.1	92,500*	50.2	391.1	94,500*	57.9	399.6	87,600	195
200	20.3	318.7	70,700*	27.0	338.4	76,300*	39.0	369.0	89,300*	48.2	386.6	91,200*	56.1	396.2	84,600	200
205	15.1	302.2	66,200*	23.3	327.2	73,000*	36.5	362.3	86,200*	46.1	381.9	88,100*	54.2	392.6	81,700	205
210	6.2	273.2	52,400*	18.9	313.7	69,900*	33.8	355.0	83,200*	44.0	376.7	85,100*	52.3	388.8	79,000	210
215				13.1	295.2	65,200*	30.9	346.8	80,400*	41.7	371.2	82,300*	50.3	384.7	76,400	215
220							27.7	337.6	77,400*	39.3	365.1	79,600*	48.3	380.2	74,000	220
225							24.2	326.9	74,100*	36.9	358.5	77,000*	46.2	375.5	71,600	225
230							20.0	314.0	70,900*	34.2	351.3	74,500*	44.1	370.4	69,400	230
235							14.7	297.0	67,800*	31.4	343.3	72,100*	41.8	364.8	67,200	235
240							4.9	265.0	58,500*	28.2	334.2	69,800*	39.5	358.8	65,200	240
245										24.7	323.8	67,600*	37.0	352.3	63,200	245
250										20.7	311.3	65,400*	34.4	345.1	61,300	250
255										15.6	295.2	63,200*	31.5	337.1	59,500	255
260										7.4	268.6	61,000*	28.4	328.1	57,700	260
265													24.9	317.7	56,000	265
270													20.9	305.4	54,300	270
275													15.9	289.6	52,600	275
280													8.1	264.2	50,900	280

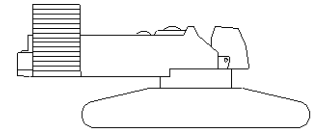


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



240 Ft. Boom, 200 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			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	
80	73.6	446.6	137,500*													80
85	72.1	445.0	137,000*													85
90	70.6	443.2	136,500*													90
95	69.1	441.3	136,000*	71.7	443.8	137,000*										95
100	67.5	439.2	135,600*	70.1	442.0	137,000*										100
105	65.9	437.0	135,200*	68.6	440.0	136,400*										105
110	64.4	434.6	134,700*	67.0	437.9	136,100*										110
115	62.7	432.0	134,200*	65.5	435.6	135,800*										115
120	61.1	429.2	131,600*	63.9	433.1	135,500*										120
125	59.4	426.3	129,000*	62.3	430.5	135,200*										125
130	57.7	423.1	126,400*	60.6	427.7	133,300*	67.4	435.3	132,800*							130
135	56.0	419.7	123,300*	58.9	424.7	130,000*	65.8	433.1	132,800*							135
140	54.3	416.2	120,000*	57.2	421.4	126,700*	64.2	430.6	132,800*							140
145	52.5	412.3	116,700*	55.5	418.0	123,400*	62.6	428.0	132,800*							145
150	50.6	408.2	112,000*	53.7	414.4	120,000*	61.0	425.3	129,900*							150
155	48.7	403.9	106,500*	51.9	410.4	116,300*	59.3	422.3	124,600*							155
160	46.7	399.2	101,400*	50.0	406.3	110,500*	57.6	419.1	119,500*							160
165	44.7	394.1	96,600*	48.1	401.8	105,100*	55.9	415.8	114,800*	62.9	423.6	116,700*				165
170	42.6	388.8	92,200*	46.1	397.0	100,100*	54.1	412.1	110,300*	61.2	420.8	112,200*				170
175	40.4	382.9	88,000*	44.1	391.9	95,400*	52.3	408.3	106,100*	59.6	417.9	107,900*				175
180	38.1	376.6	84,100*	42.0	386.4	91,100*	50.5	404.2	102,100*	57.9	414.8	103,900*				180
185	35.7	369.8	80,400*	39.7	380.4	87,000*	48.6	399.8	98,400*	56.2	411.4	100,200*				185
190	33.1	362.2	77,000*	37.4	374.0	83,100*	46.6	395.1	94,800*	54.4	407.9	96,600*				190
195	30.3	353.8	73,700*	34.9	366.9	79,500*	44.6	390.0	91,400*	52.6	404.0	93,200*				195
200	27.2	344.4	70,500*	32.3	359.1	76,100*	42.4	384.6	88,200*	50.8	400.0	89,900*	58.0	408.3	83,500	200
205	23.8	333.5	67,600*	29.4	350.5	72,900*	40.2	378.7	85,100*	48.9	395.6	86,800*	56.3	405.0	80,700	205
210	19.8	320.4	64,700*	26.2	340.6	69,800*	37.9	372.4	82,200*	46.9	391.0	83,900*	54.5	401.4	78,000	210
215	14.7	303.4	60,400*	22.7	329.2	66,800*	35.5	365.5	79,400*	44.9	386.0	81,100*	52.7	397.6	75,400	215
220	6.0	273.6	47,600*	18.4	315.2	64,000*	32.9	357.9	76,700*	42.8	380.6	78,400*	50.9	393.5	73,000	220
225				12.8	296.2	59,600*	30.1	349.5	73,900*	40.6	374.8	75,800*	49.0	389.2	70,600	225
230							27.0	339.9	70,800*	38.3	368.6	73,400*	47.0	384.6	68,400	230
235							23.5	328.9	67,800*	35.9	361.7	71,000*	45.0	379.6	66,300	235
240							19.4	315.6	64,900*	33.3	354.3	68,700*	42.9	374.2	64,200	240
245							14.3	298.2	62,100*	30.5	346.0	66,500*	40.7	368.5	62,300	245
250							4.7	265.4	53,400*	27.5	336.6	64,400*	38.4	362.3	60,400	250
255										24.1	325.9	62,400*	36.0	355.5	58,600	255
260										20.1	313.0	60,300*	33.4	348.0	56,800	260
265										15.2	296.5	58,300*	30.7	339.8	55,200	265
270										7.2	269.2	56,200*	27.7	330.5	53,500	270
275													24.3	319.9	51,900	275
280													20.4	307.1	50,400	280
285													15.5	290.9	48,800	285
290													7.9	264.9	47,200	290

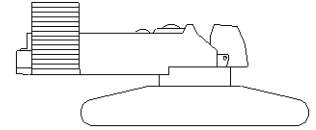


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

**Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5**



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			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	
80	74.4	457.0	128,400*													80
85	73.0	455.5	128,000*													85
90	71.6	453.8	127,600*													90
95	70.1	452.0	127,200*	72.6	454.3	127,800*										95
100	68.6	450.0	126,800*	71.1	452.6	127,800*										100
105	67.2	447.9	126,400*	69.7	450.7	127,800*										105
110	65.7	445.7	126,000*	68.2	448.7	127,000*										110
115	64.1	443.2	125,500*	66.7	446.6	126,800*										115
120	62.6	440.6	125,100*	65.2	444.3	126,500*										120
125	61.1	437.9	123,000*	63.7	441.8	126,200*										125
130	59.5	434.9	120,400*	62.1	439.1	125,900*										130
135	57.9	431.8	117,300*	60.6	436.3	123,800*	67.1	444.0	123,600*							135
140	56.2	428.5	114,100*	59.0	433.3	120,600*	65.6	441.8	123,600*							140
145	54.5	424.9	110,900*	57.4	430.1	117,400*	64.0	439.3	123,600*							145
150	52.8	421.1	107,800*	55.7	426.7	114,100*	62.5	436.7	123,600*							150
155	51.1	417.1	104,600*	54.0	423.1	110,900*	60.9	433.9	123,600*							155
160	49.3	412.8	101,300*	52.3	419.2	107,700*	59.4	431.0	119,200*							160
165	47.4	408.2	96,500*	50.5	415.1	104,600*	57.7	427.8	114,400*							165
170	45.5	403.4	92,100*	48.7	410.8	99,900*	56.1	424.5	110,000*	62.7	432.3	111,800*				170
175	43.6	398.1	87,900*	46.9	406.1	95,300*	54.4	420.9	105,800*	61.2	429.5	107,600*				175
180	41.5	392.5	84,000*	44.9	401.1	90,900*	52.7	417.1	101,800*	59.6	426.6	103,600*				180
185	39.4	386.5	80,400*	43.0	395.8	86,900*	51.0	413.0	98,100*	58.0	423.5	99,800*				185
190	37.1	380.0	76,900*	40.9	390.1	83,100*	49.2	408.7	94,500*	56.4	420.1	96,200*				190
195	34.8	372.9	73,700*	38.7	383.9	79,500*	47.3	404.1	91,100*	54.7	416.6	92,800*				195
200	32.2	365.1	70,600*	36.4	377.2	76,100*	45.4	399.2	87,900*	53.0	412.8	89,600*				200
205	29.5	356.4	67,600*	34.0	369.9	72,800*	43.4	394.0	84,900*	51.2	408.8	86,500*				205
210	26.5	346.7	64,800*	31.4	361.9	69,800*	41.4	388.4	82,000*	49.4	404.5	83,600*	56.4	413.6	77,700	210
215	23.2	335.5	62,100*	28.6	353.0	66,900*	39.2	382.3	79,200*	47.6	400.0	80,800*	54.8	410.1	75,200	215
220	19.3	322.1	59,500*	25.6	342.9	64,100*	37.0	375.7	76,500*	45.7	395.1	78,100*	53.1	406.4	72,700	220
225	14.3	304.6	55,500*	22.1	331.1	61,500*	34.6	368.6	73,900*	43.7	390.0	75,600*	51.3	402.4	70,400	225
230	5.9	274.1	43,700*	17.9	316.7	58,900*	32.0	360.7	70,800*	41.7	384.4	73,100*	49.5	398.1	68,200	230
235				12.5	297.3	54,800*	29.3	352.0	67,800*	39.6	378.4	70,800*	47.7	393.6	66,100	235
240							26.3	342.2	65,000*	37.3	371.9	68,500*	45.8	388.8	64,000	240
245							22.9	330.9	62,400*	35.0	364.9	66,400*	43.8	383.6	62,100	245
250							19.0	317.2	59,800*	32.4	357.1	64,300*	41.8	378.0	60,200	250
255							13.9	299.4	57,200*	29.7	348.6	62,200*	39.7	372.1	58,400	255
260							4.6	265.7	49,300*	26.8	339.0	60,300*	37.4	365.6	56,700	260
265										23.5	327.9	58,400*	35.1	358.6	55,000	265
270										19.6	314.7	56,500*	32.6	350.9	53,400	270
275										14.8	297.7	54,600*	29.9	342.4	51,800	275
280										7.0	269.7	52,700*	27.0	332.9	50,300	280
285													23.7	321.9	48,900	285
290													19.9	308.9	47,400	290
295													15.1	292.2	46,000	295
300													7.7	265.5	44,500	300

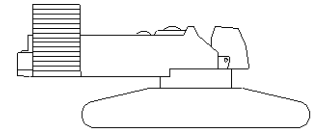


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



240 Ft. Boom, 220 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			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	73.8	466.0	120,100*													85
90	72.4	464.4	119,700*													90
95	71.1	462.7	119,000*													95
100	69.7	460.8	118,600*	72.0	463.2	119,200*										100
105	68.3	458.8	118,200*	70.6	461.4	119,200*										105
110	66.8	456.7	117,900*	69.2	459.5	118,900*										110
115	65.4	454.4	117,500*	67.8	457.5	118,400*										115
120	64.0	451.9	117,000*	66.4	455.3	118,100*										120
125	62.5	449.3	116,600*	65.0	453.0	117,800*										125
130	61.0	446.5	114,300*	63.5	450.5	117,500*										130
135	59.5	443.6	111,200*	62.1	447.8	117,200*										135
140	58.0	440.5	108,100*	60.6	445.0	114,300*	66.7	452.8	115,100*							140
145	56.4	437.1	105,000*	59.0	442.0	111,200*	65.3	450.5	115,100*							145
150	54.8	433.6	101,900*	57.5	438.8	108,100*	63.9	448.0	115,100*							150
155	53.2	429.9	98,800*	55.9	435.4	104,900*	62.4	445.4	115,100*							155
160	51.5	425.9	95,800*	54.3	431.8	101,800*	60.9	442.6	115,100*							160
165	49.8	421.7	92,800*	52.7	428.0	98,700*	59.4	439.6	112,900*							165
170	48.1	417.2	89,900*	51.0	424.0	95,700*	57.8	436.5	108,700*							170
175	46.3	412.5	87,100*	49.3	419.7	92,600*	56.3	433.2	104,600*	62.6	440.9	106,200*				175
180	44.4	407.4	83,400*	47.5	415.1	89,700*	54.7	429.6	100,600*	61.1	438.2	102,200*				180
185	42.5	402.0	79,800*	45.7	410.3	86,300*	53.1	425.9	96,900*	59.6	435.2	98,400*				185
190	40.5	396.2	76,300*	43.8	405.1	82,500*	51.4	421.9	93,300*	58.1	432.1	94,900*				190
195	38.4	389.9	73,100*	41.9	399.6	78,900*	49.7	417.7	90,000*	56.5	428.8	91,500*				195
200	36.2	383.2	70,000*	39.9	393.7	75,500*	47.9	413.2	86,800*	54.9	425.3	88,300*				200
205	33.9	375.9	67,100*	37.8	387.3	72,300*	46.1	408.4	83,800*	53.3	421.6	85,200*				205
210	31.5	367.8	64,300*	35.6	380.4	69,200*	44.3	403.3	80,900*	51.7	417.6	82,300*				210
215	28.8	359.0	61,700*	33.2	372.9	66,400*	42.3	397.8	78,100*	50.0	413.5	79,500*	56.6	422.3	74,100	215
220	25.9	349.0	59,100*	30.7	364.6	63,600*	40.3	392.0	75,500*	48.2	409.0	76,900*	55.0	418.8	71,700	220
225	22.6	337.5	56,700*	28.0	355.4	61,000*	38.3	385.7	72,900*	46.4	404.3	74,300*	53.4	415.1	69,400	225
230	18.8	323.7	54,300*	25.0	345.0	58,500*	36.1	378.9	70,200*	44.6	399.2	71,900*	51.7	411.2	67,200	230
235	14.0	305.8	49,500*	21.6	333.0	56,100*	33.7	371.6	67,300*	42.7	393.8	69,600*	50.1	407.0	65,100	235
240	5.7	274.5	38,600*	17.5	318.2	53,800*	31.3	363.5	64,500*	40.7	388.1	67,300*	48.3	402.6	63,000	240
245				12.1	298.3	48,900*	28.6	354.5	61,900*	38.6	381.9	65,200*	46.5	397.9	61,100	245
250							25.7	344.4	59,400*	36.4	375.2	63,100*	44.7	392.9	59,200	250
255							22.4	332.8	56,900*	34.1	367.9	61,100*	42.8	387.5	57,500	255
260							18.5	318.8	54,600*	31.7	359.9	59,200*	40.8	381.7	55,700	260
265							13.6	300.5	52,300*	29.0	351.1	57,300*	38.7	375.5	54,100	265
270							4.5	266.0	43,900*	26.1	341.2	55,500*	36.5	368.9	52,500	270
275										22.9	329.9	53,700*	34.2	361.6	51,000	275
280										19.2	316.3	52,000*	31.8	353.7	49,500	280
285										14.4	299.0	50,300*	29.2	345.0	48,000	285
290										6.8	270.3	48,400*	26.3	335.1	46,600	290
295													23.1	323.9	45,300	295
300													19.4	310.5	43,900	300
305													14.7	293.4	42,600	305
310													7.5	266.1	41,200	310

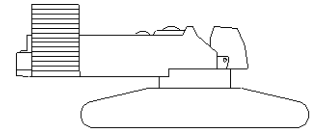


Liftcrane Luffing Jib Capacities

18000

**Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating**

**Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5**



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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
85	74.5	476.4	109,300*													85
90	73.2	474.9	109,200*													90
95	71.9	473.3	109,000*													95
100	70.6	471.5	108,400*	72.8	473.7	108,600*										100
105	69.3	469.6	108,000*	71.5	472.0	108,500*										105
110	67.9	467.6	107,700*	70.2	470.2	108,500*										110
115	66.6	465.4	107,300*	68.9	468.3	108,300*										115
120	65.2	463.1	106,900*	67.5	466.2	107,600*										120
125	63.8	460.6	106,600*	66.1	464.0	107,400*										125
130	62.4	458.0	106,300*	64.8	461.6	107,200*										130
135	61.0	455.2	105,400*	63.4	459.1	106,900*										135
140	59.5	452.3	102,500*	62.0	456.5	106,600*	67.8	463.7	104,300*							140
145	58.0	449.1	99,600*	60.5	453.6	105,300*	66.5	461.5	104,300*							145
150	56.6	445.8	96,700*	59.1	450.6	102,400*	65.1	459.1	104,300*							150
155	55.0	442.4	93,700*	57.6	447.5	99,500*	63.7	456.7	104,300*							155
160	53.5	438.6	90,900*	56.1	444.1	96,500*	62.3	454.0	104,300*							160
165	51.9	434.7	88,000*	54.6	440.6	93,600*	60.9	451.2	104,300*							165
170	50.3	430.6	85,200*	53.0	436.8	90,700*	59.4	448.3	104,100*							170
175	48.6	426.2	82,500*	51.4	432.8	87,900*	57.9	445.2	101,200*							175
180	46.9	421.6	79,700*	49.8	428.6	85,000*	56.4	441.9	98,300*	62.5	449.6	98,700*				180
185	45.2	416.6	77,000*	48.1	424.2	82,200*	54.9	438.3	95,400*	61.1	446.8	97,400*				185
190	43.4	411.4	74,400*	46.4	419.4	79,500*	53.4	434.6	92,400*	59.6	443.9	93,800*				190
195	41.5	405.7	71,900*	44.6	414.4	76,800*	51.8	430.7	89,100*	58.2	440.8	90,500*				195
200	39.6	399.7	69,400*	42.8	409.0	74,200*	50.2	426.5	85,900*	56.7	437.5	87,300*				200
205	37.5	393.3	66,500*	40.9	403.3	71,700*	48.5	422.1	82,900*	55.2	434.0	84,200*				205
210	35.4	386.4	63,800*	39.0	397.2	68,700*	46.8	417.5	80,000*	53.6	430.4	81,300*				210
215	33.1	378.8	61,100*	36.9	390.6	65,800*	45.0	412.5	77,200*	52.0	426.5	78,500*				215
220	30.7	370.5	58,600*	34.7	383.5	63,100*	43.2	407.2	74,600*	50.4	422.3	75,900*	56.8	431.0	70,900	220
225	28.1	361.4	56,200*	32.4	375.7	60,500*	41.4	401.6	72,100*	48.8	418.0	73,400*	55.2	427.6	68,600	225
230	25.3	351.2	53,900*	30.0	367.2	58,000*	39.4	395.5	69,600*	47.1	413.3	71,000*	53.7	423.9	66,400	230
235	22.1	339.4	51,700*	27.3	357.8	55,700*	37.4	389.1	66,700*	45.3	408.4	68,600*	52.1	420.0	64,300	235
240	18.4	325.2	49,600*	24.4	347.1	53,400*	35.2	382.1	64,000*	43.5	403.2	66,400*	50.5	415.9	62,300	240
245	13.6	307.0	45,000*	21.1	334.8	51,200*	33.0	374.5	61,400*	41.7	397.6	64,300*	48.9	411.5	60,400	245
250	5.6	274.9	34,800*	17.1	319.7	49,100*	30.5	366.2	58,900*	39.7	391.6	62,200*	47.2	406.9	58,500	250
255				11.9	299.3	44,500*	27.9	357.0	56,500*	37.7	385.2	60,300*	45.4	402.0	56,700	255
260							25.1	346.6	54,200*	35.6	378.3	58,300*	43.6	396.8	55,000	260
265							21.9	334.7	52,000*	33.3	370.9	56,500*	41.8	391.3	53,400	265
270							18.1	320.4	49,800*	30.9	362.7	54,700*	39.8	385.3	51,800	270
275							13.2	301.6	47,700*	28.4	353.6	53,000*	37.8	378.9	50,300	275
280							4.3	266.3	40,000*	25.5	343.5	51,300*	35.7	372.1	48,800	280
285										22.4	331.8	49,700*	33.5	364.6	47,400	285
290										18.7	317.9	48,000*	31.1	356.5	46,000	290
295										14.1	300.1	46,400*	28.5	347.5	44,700	295
300										6.7	270.8	44,700*	25.7	337.4	43,400	300
305													22.6	325.8	42,100	305
310													18.9	312.1	40,800	310
320													7.3	266.6	38,300	320

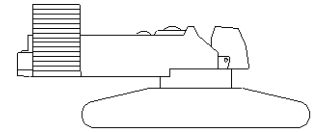


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



240 Ft. Boom, 240 Ft. Luffing Jib

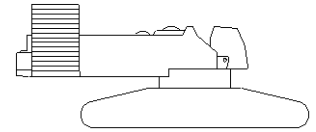
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point 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	
90	73.9	485.4	102,000*													90
95	72.7	483.8	101,800*													95
100	71.4	482.1	101,500*													100
105	70.2	480.3	101,000*	72.3	482.6	101,200*										105
110	68.9	478.4	100,600*	71.1	480.9	101,100*										110
115	67.6	476.3	100,200*	69.8	479.0	101,000*										115
120	66.3	474.1	99,900*	68.5	477.1	100,800*										120
125	65.0	471.8	99,500*	67.2	475.0	100,200*										125
130	63.6	469.3	99,200*	65.9	472.7	99,900*										130
135	62.3	466.6	98,900*	64.6	470.3	99,700*										135
140	60.9	463.9	96,800*	63.2	467.8	99,400*										140
145	59.5	460.9	94,000*	61.9	465.1	99,100*	67.5	472.4	97,100*							145
150	58.1	457.8	91,100*	60.5	462.3	96,700*	66.2	470.2	97,100*							150
155	56.7	454.5	88,300*	59.1	459.3	93,800*	64.9	467.8	97,100*							155
160	55.2	451.1	85,400*	57.7	456.2	91,000*	63.5	465.3	97,100*							160
165	53.8	447.4	82,700*	56.3	452.8	88,100*	62.2	462.7	97,000*							165
170	52.3	443.5	79,900*	54.8	449.3	85,200*	60.8	459.9	97,000*							170
175	50.7	439.5	77,200*	53.3	445.6	82,500*	59.4	457.0	95,300*							175
180	49.1	435.2	74,600*	51.8	441.7	79,700*	58.0	453.8	92,500*							180
185	47.5	430.6	72,000*	50.3	437.5	77,000*	56.6	450.5	89,700*	62.4	458.2	91,500*				185
190	45.9	425.8	69,400*	48.7	433.1	74,300*	55.1	447.1	86,900*	61.0	455.5	91,500*				190
195	44.2	420.6	66,900*	47.0	428.5	71,700*	53.7	443.4	84,100*	59.7	452.5	89,100*				195
200	42.4	415.2	64,500*	45.4	423.6	69,100*	52.2	439.5	81,300*	58.2	449.5	85,900*				200
205	40.6	409.4	62,100*	43.6	418.4	66,600*	50.6	435.4	78,600*	56.8	446.2	82,900*				205
210	38.7	403.2	59,700*	41.9	412.8	64,100*	49.0	431.1	75,900*	55.4	442.7	80,000*				210
215	36.7	396.6	57,500*	40.0	406.9	61,800*	47.4	426.5	73,200*	53.9	439.1	77,200*				215
220	34.6	389.4	55,300*	38.1	400.6	59,400*	45.7	421.7	70,600*	52.4	435.3	74,600*				220
225	32.4	381.7	53,200*	36.1	393.8	57,200*	44.0	416.5	68,000*	50.9	431.2	72,100*	56.9	439.7	67,600	225
230	30.1	373.2	51,100*	34.0	386.5	55,000*	42.3	411.1	65,500*	49.3	426.9	69,700*	55.5	436.3	65,400	230
235	27.5	363.8	49,100*	31.7	378.5	52,900*	40.4	405.2	63,100*	47.7	422.4	67,400*	54.0	432.6	63,300	235
240	24.7	353.3	47,200*	29.3	369.8	50,800*	38.5	399.0	60,700*	46.0	417.6	65,200*	52.5	428.8	61,300	240
245	21.6	341.2	45,300*	26.7	360.1	48,800*	36.5	392.3	58,400*	44.3	412.5	63,100*	50.9	424.8	59,400	245
250	18.0	326.8	43,600*	23.8	349.2	46,900*	34.4	385.1	56,200*	42.5	407.1	61,000*	49.4	420.5	57,500	250
255	13.3	308.1	40,600*	20.6	336.5	45,100*	32.2	377.3	54,000*	40.7	401.3	59,100*	47.8	416.0	55,800	255
260	5.4	275.3	31,100*	16.7	321.1	43,300*	29.9	368.8	51,900*	38.8	395.1	57,200*	46.1	411.2	54,100	260
265				11.6	300.2	40,200*	27.3	359.4	49,900*	36.9	388.5	55,400*	44.4	406.1	52,400	265
270							24.5	348.7	47,900*	34.8	381.4	53,600*	42.6	400.7	50,900	270
275							21.4	336.5	46,100*	32.6	373.7	51,900*	40.8	395.0	49,400	275
280							17.7	321.9	44,300*	30.3	365.3	50,200*	38.9	388.8	47,900	280
285							12.9	302.7	42,500*	27.7	356.0	48,600*	37.0	382.3	46,500	285
290							4.2	266.6	36,100*	25.0	345.6	47,100*	34.9	375.2	45,100	290
295										21.9	333.7	45,500*	32.7	367.5	43,800	295
300										18.3	319.5	44,000*	30.4	359.1	42,500	300
305										13.8	301.3	42,500*	27.9	349.9	41,300	305
310										6.5	271.3	40,900*	25.1	339.6	40,100	310
320													18.5	313.7	37,700	320
330													7.1	267.2	35,200*	330

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



260 Ft. Boom, 70 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			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	
50	68.7	339.7	319,100*b													50
55	64.1	337.2	313,600*b	72.4	340.6	324,400*b										55
60	59.4	334.3	303,100*b	68.0	338.6	317,000*b										60
65	54.4	330.7	289,700*	63.4	336.0	304,100*b										65
70	49.0	326.4	276,700*	58.6	333.0	291,200*b										70
75	43.0	321.1	264,000*	53.5	329.3	278,500*										75
80	36.3	314.6	251,200*	48.1	324.9	263,300*										80
85	28.0	305.8	229,000*	42.0	319.5	245,000*	66.0	334.3	258,400*b							85
90	15.8	291.7	191,100*	35.1	312.6	228,700*	61.4	331.5	241,800*b							90
95				26.5	303.4	213,900*	56.5	328.2	226,900*							95
100				12.6	287.2	185,700*	51.3	324.3	213,500*							100
105							45.6	319.4	201,400*							105
110							39.2	313.5	190,300*							110
115							31.7	305.8	180,100*	59.0	324.7	185,600*b				115
120							21.8	294.7	170,500*	53.9	321.1	176,300*				120
125										48.5	316.7	167,800*				125
130										42.5	311.4	159,800*				130
135										35.6	304.6	152,400*				135
140										27.2	295.6	145,400*	55.9	315.4	141,600	140
145										14.1	280.5	138,400*	50.6	311.3	135,300	145
150													44.9	306.4	129,500	150
155													38.4	300.2	124,000	155
160													30.7	292.3	118,800	160
165													20.3	280.6	113,800	165

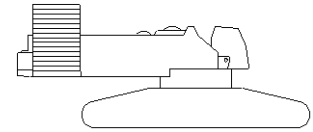


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



260 Ft. Boom, 80 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			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	
50	71.5	350.5	297,800*b													50
55	67.6	348.4	293,200*b													55
60	63.6	345.9	288,400*b	70.9	349.4	298,700*b										60
65	59.5	342.9	281,000*	67.0	347.3	293,400*b										65
70	55.1	339.5	269,400*	63.0	344.7	282,000*b										70
75	50.5	335.4	258,100*	58.8	341.7	270,800*										75
80	45.5	330.5	247,200*	54.4	338.1	259,800*										80
85	40.0	324.7	236,000*	49.7	333.9	244,600*										85
90	33.7	317.5	219,000*	44.7	328.9	228,500*	65.3	343.0	240,400*b							90
95	26.1	308.0	201,300*	39.1	322.9	214,100*	61.2	340.2	225,700*							95
100	14.6	292.9	173,500*	32.6	315.4	201,100*	56.9	336.9	212,400*							100
105				24.6	305.4	189,200*	52.4	333.1	200,500*							105
110				11.6	288.0	169,000*	47.6	328.6	189,600*							110
115							42.4	323.2	179,600*							115
120							36.4	316.7	170,400*	59.1	333.4	174,900*				120
125							29.5	308.3	161,800*	54.7	329.9	166,500*				125
130							20.2	296.4	153,700*	50.1	325.7	158,700*				130
135										45.0	320.8	151,500*				135
140										39.5	314.9	144,700*				140
145										33.1	307.5	138,300*	56.4	324.1	134,300	145
150										25.2	297.7	132,200*	51.9	320.2	128,600	150
155										13.0	281.4	126,200*	47.0	315.6	123,200	155
160													41.7	310.1	118,200	160
165													35.7	303.4	113,400	165
170													28.6	294.7	108,900	170
175													18.8	282.1	104,500	175

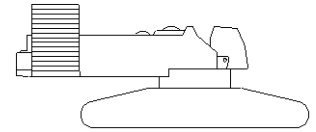


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	
50	73.6	361.0	277,500*b													50
55	70.3	359.2	273,900*b													55
60	66.8	357.1	272,000*b													60
65	63.2	354.5	265,800*	69.7	358.2	275,300*b										65
70	59.5	351.6	260,700*	66.2	356.0	271,800*b										70
75	55.7	348.2	250,600*	62.6	353.4	261,800*										75
80	51.6	344.3	240,800*	58.9	350.3	251,900*										80
85	47.3	339.7	231,200*	55.1	346.9	242,300*										85
90	42.7	334.4	221,500*	51.0	342.8	228,300*										90
95	37.5	328.0	207,700*	46.6	338.2	214,100*	64.7	351.6	224,900*							95
100	31.6	320.2	193,200*	41.9	332.7	201,300*	61.1	348.9	211,700*							100
105	24.4	310.1	179,200*	36.7	326.1	189,700*	57.3	345.6	199,800*							105
110	13.6	293.9	157,600*	30.6	318.1	179,000*	53.3	341.9	189,000*							110
115				23.1	307.4	169,200*	49.1	337.6	179,200*							115
120				10.8	288.8	153,900*	44.6	332.6	170,100*	62.9	345.0	174,000*				120
125							39.7	326.8	161,800*	59.2	342.0	165,700*				125
130							34.2	319.6	154,000*	55.3	338.6	158,000*				130
135							27.6	310.6	146,700*	51.3	334.6	150,800*				135
140							18.9	297.9	139,800*	46.9	330.0	144,200*				140
145										42.2	324.6	138,000*				145
150										37.0	318.1	132,100*	56.8	332.8	127,900	150
155										31.1	310.2	126,600*	52.9	329.0	122,600	155
160										23.7	299.7	121,200*	48.6	324.7	117,700	160
165										12.1	282.3	115,900*	44.1	319.6	113,000	165
170													39.1	313.6	108,600	170
175													33.5	306.3	104,500	175
180													26.8	297.0	100,500	180
185													17.6	283.5	96,600	185

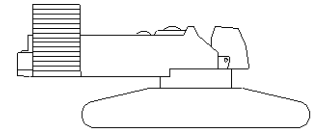


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



260 Ft. Boom, 100 Ft. Luffing Jib

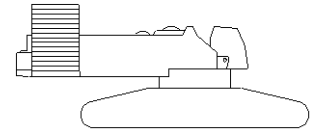
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point 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	
55	72.3	369.9	255,900*b													55
60	69.3	368.0	252,800*b													60
65	66.1	365.8	249,400*	71.8	368.9	257,000*b										65
70	62.9	363.2	245,900*	68.8	366.9	254,400*b										70
75	59.6	360.3	242,500*	65.6	364.6	251,800*										75
80	56.1	356.9	234,400*	62.4	362.0	244,300*										80
85	52.5	353.1	225,700*	59.0	359.0	235,700*										85
90	48.7	348.7	217,000*	55.6	355.6	227,100*										90
95	44.7	343.7	207,300*	51.9	351.7	213,300*	67.4	362.7	223,400*							95
100	40.3	338.0	194,900*	48.1	347.2	200,600*	64.2	360.3	210,300*							100
105	35.5	331.1	183,400*	44.0	342.1	189,100*	61.0	357.5	198,500*							105
110	29.9	322.8	170,900*	39.6	336.2	178,700*	57.6	354.3	187,800*							110
115	23.1	312.0	159,600*	34.6	329.2	169,100*	54.0	350.7	178,000*							115
120	12.8	294.9	144,400*	28.9	320.6	160,300*	50.3	346.6	169,100*							120
125				21.8	309.1	152,000*	46.4	341.9	160,800*	62.6	353.7	164,100*				125
130				10.2	289.5	141,400*	42.2	336.4	153,200*	59.3	350.7	156,500*				130
135							37.5	330.1	146,100*	55.8	347.3	149,500*				135
140							32.3	322.5	139,500*	52.2	343.5	142,900*				140
145							26.1	312.9	133,200*	48.4	339.0	136,800*				145
150							17.8	299.3	127,200*	44.3	334.0	131,000*				150
155										39.9	328.1	125,600*	57.2	341.5	121,500	155
160										35.0	321.2	120,500*	53.6	337.8	116,600	160
165										29.3	312.7	115,700*	49.9	333.6	112,000	165
170										22.3	301.5	111,000*	45.9	328.9	107,700	170
175										11.4	283.1	106,200*	41.7	323.3	103,600	175
180													37.0	316.8	99,800	180
185													31.6	309.0	96,100	185
190													25.3	299.1	92,600	190
195													16.6	284.8	89,100	195

Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	
55	74.0	380.4	238,400* ^b													55
60	71.2	378.7	236,000* ^b													60
65	68.4	376.7	233,400*													65
70	65.6	374.5	230,700*	70.8	377.7	237,300* ^b										70
75	62.6	371.9	227,800*	68.0	375.6	235,100*										75
80	59.6	368.9	224,900*	65.1	373.3	233,500*										80
85	56.5	365.6	219,400*	62.2	370.7	229,200*										85
90	53.3	361.9	212,500*	59.1	367.7	221,500*										90
95	49.9	357.7	204,800*	56.0	364.3	212,800*										95
100	46.3	353.0	194,700*	52.7	360.5	200,100*	66.8	371.4	209,400*							100
105	42.4	347.6	183,500*	49.3	356.2	188,700*	63.9	369.0	197,600*							105
110	38.3	341.4	173,300*	45.7	351.4	178,400*	60.9	366.2	187,000*							110
115	33.7	334.1	162,800*	41.8	345.9	168,900*	57.8	363.0	177,200*							115
120	28.4	325.2	152,600*	37.6	339.5	160,200*	54.6	359.5	168,400*							120
125	21.9	313.8	143,300*	32.9	332.1	152,200*	51.3	355.5	160,200*							125
130	12.1	295.8	133,000*	27.5	322.9	144,700*	47.8	351.0	152,600*	62.4	362.3	155,500*				130
135				20.7	310.9	137,700*	44.1	345.9	145,600*	59.3	359.4	148,500*				135
140				9.6	290.2	130,500*	40.0	340.0	139,100*	56.2	356.0	142,000*				140
145							35.6	333.2	133,000*	53.0	352.3	135,900*				145
150							30.7	325.1	127,200*	49.5	348.0	130,200*				150
155							24.8	315.0	121,800*	45.9	343.2	124,900*				155
160							16.9	300.7	116,500*	42.1	337.8	119,900*	57.4	350.2	115,900	160
165										37.9	331.5	115,200*	54.2	346.6	111,300	165
170										33.2	324.1	110,700*	50.9	342.5	107,100	170
175										27.9	315.1	106,400*	47.4	338.0	103,000	175
180										21.2	303.3	102,200*	43.6	332.8	99,200	180
185										10.8	284.0	98,000*	39.6	326.9	95,600	185
190													35.1	319.9	92,200	190
195													30.1	311.6	89,000	195
200													24.0	301.2	85,800	200
205													15.8	286.1	82,700	205

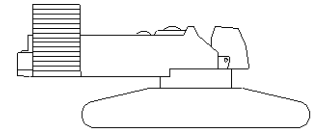


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



260 Ft. Boom, 120 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			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	389.3	220,800* ^b													60
65	70.3	387.5	218,700*													65
70	67.7	385.5	216,600*	72.5	388.3	221,700* ^b										70
75	65.1	383.1	214,100*	69.9	386.5	220,100*										75
80	62.4	380.5	211,700*	67.3	384.4	219,100*										80
85	59.6	377.6	208,400*	64.7	382.0	216,300*										85
90	56.8	374.3	202,600*	62.0	379.3	214,200*										90
95	53.8	370.7	196,700*	59.2	376.4	207,900*										95
100	50.8	366.6	191,100*	56.3	373.0	199,200*										100
105	47.5	362.1	182,800*	53.4	369.3	187,800*	66.2	380.1	196,200*							105
110	44.1	357.0	172,700*	50.3	365.2	177,500*	63.5	377.6	185,600*							110
115	40.5	351.2	163,400*	47.0	360.6	168,100*	60.8	374.8	175,900*							115
120	36.5	344.6	154,400*	43.6	355.4	159,500*	58.0	371.7	167,100*							120
125	32.1	336.9	145,200*	39.9	349.5	151,600*	55.1	368.2	159,000*							125
130	27.1	327.6	136,800*	35.9	342.7	144,200*	52.1	364.3	151,500*							130
135	20.9	315.6	129,000*	31.4	334.8	137,400*	48.9	360.0	144,500*	62.2	371.0	147,000*				135
140	11.6	296.7	119,500*	26.2	325.2	131,000*	45.6	355.1	138,100*	59.4	368.0	140,500*				140
145				19.7	312.5	125,000*	42.0	349.7	132,000*	56.5	364.7	134,500*				145
150				9.1	290.9	117,300*	38.2	343.4	126,400*	53.6	361.1	128,900*				150
155							34.0	336.2	121,100*	50.5	357.0	123,600*				155
160							29.3	327.6	116,100*	47.2	352.4	118,700*				160
165							23.7	317.0	111,300*	43.8	347.2	114,000*	57.7	358.9	110,200	165
170							16.1	302.0	106,600*	40.2	341.4	109,600*	54.7	355.3	106,000	170
175										36.2	334.7	105,400*	51.7	351.4	102,000	175
180										31.7	326.9	101,400*	48.5	347.0	98,200	180
185										26.6	317.4	97,600*	45.2	342.1	94,700	185
190										20.2	305.0	93,900*	41.6	336.5	91,300	190
195										10.3	284.7	90,100*	37.8	330.2	88,100	195
200													33.5	322.9	85,100	200
205													28.7	314.1	82,100	205
210													22.9	303.1	79,300	210
215													15.0	287.3	76,500	215

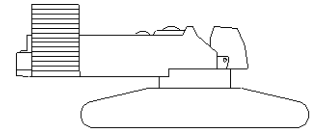


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	74.2	399.8	206,200*													60
65	71.9	398.2	204,600*													65
70	69.6	396.3	202,900*													70
75	67.2	394.2	201,000*	71.5	397.1	205,600*										75
80	64.7	391.8	198,900*	69.2	395.2	204,400*										80
85	62.2	389.2	196,900*	66.8	393.1	202,700*										85
90	59.7	386.2	192,800*	64.3	390.7	201,100*										90
95	57.1	383.0	187,600*	61.8	388.0	199,300*										95
100	54.3	379.4	182,400*	59.3	385.0	194,700*										100
105	51.5	375.5	177,300*	56.6	381.7	187,900*										105
110	48.6	371.1	172,400*	53.9	378.1	177,600*	65.7	388.8	185,500*							110
115	45.5	366.2	163,700*	51.1	374.1	168,300*	63.3	386.3	175,800*							115
120	42.3	360.8	155,300*	48.1	369.6	159,700*	60.7	383.5	167,000*							120
125	38.8	354.7	147,600*	45.0	364.7	151,800*	58.1	380.4	158,900*							125
130	35.0	347.7	139,800*	41.7	359.1	144,600*	55.5	376.9	151,400*							130
135	30.8	339.6	132,000*	38.2	352.9	137,800*	52.7	373.1	144,500*							135
140	26.0	329.8	124,900*	34.4	345.7	131,500*	49.8	368.9	138,100*	62.0	379.6	140,400*				140
145	20.0	317.2	118,200*	30.1	337.4	125,700*	46.8	364.3	132,200*	59.4	376.7	134,400*				145
150	11.0	297.5	106,200*	25.1	327.3	120,100*	43.6	359.1	126,600*	56.8	373.4	128,800*				150
155				18.9	314.1	114,800*	40.3	353.3	121,300*	54.1	369.8	123,500*				155
160				8.7	291.5	104,400*	36.6	346.7	116,400*	51.3	365.8	118,600*				160
165							32.6	339.1	111,700*	48.3	361.4	114,000*				165
170							28.1	330.1	107,300*	45.2	356.5	109,700*	57.8	367.5	105,900	170
175							22.7	318.9	103,100*	42.0	351.0	105,500*	55.2	364.1	101,900	175
180							15.4	303.3	98,900*	38.5	344.8	101,600*	52.4	360.2	98,200	180
185										34.7	337.7	97,900*	49.5	356.0	94,700	185
190										30.4	329.5	94,300*	46.5	351.3	91,300	190
195										25.5	319.5	90,900*	43.3	346.0	88,200	195
200										19.4	306.6	87,600*	39.9	340.1	85,200	200
205										9.8	285.5	84,200*	36.2	333.4	82,300	205
210													32.1	325.7	79,500	210
215													27.5	316.5	76,900	215
220													22.0	305.0	74,300	220
225													14.4	288.5	71,800	225

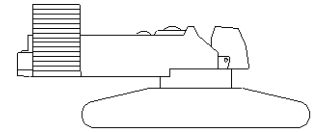


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



260 Ft. Boom, 140 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			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	73.2	408.7	191,500*													65
70	71.1	407.0	190,300*													70
75	68.9	405.1	188,700*	72.9	407.7	192,100*										75
80	66.7	402.9	187,000*	70.7	406.0	191,200*										80
85	64.4	400.5	185,300*	68.5	404.0	190,300*										85
90	62.1	397.8	183,200*	66.3	401.8	188,800*										90
95	59.7	394.9	178,600*	64.0	399.3	187,400*										95
100	57.3	391.7	173,900*	61.7	396.6	185,900*										100
105	54.8	388.2	169,200*	59.3	393.7	183,500*										105
110	52.2	384.3	164,600*	56.9	390.4	176,600*	67.6	399.8	184,100*							110
115	49.5	380.1	160,100*	54.4	386.8	167,300*	65.3	397.5	174,500*							115
120	46.7	375.4	154,600*	51.8	382.9	158,800*	63.0	394.9	165,700*							120
125	43.7	370.2	146,900*	49.1	378.6	151,000*	60.7	392.1	157,600*							125
130	40.6	364.5	139,800*	46.2	373.9	143,800*	58.3	389.0	150,200*							130
135	37.3	358.0	132,300*	43.3	368.6	137,100*	55.8	385.6	143,300*							135
140	33.7	350.7	125,200*	40.1	362.7	130,800*	53.3	381.9	137,000*							140
145	29.6	342.2	118,700*	36.7	356.2	125,000*	50.6	377.8	131,000*	61.9	388.3	132,900*				145
150	25.0	332.0	112,600*	33.0	348.7	119,600*	47.9	373.4	125,500*	59.5	385.4	127,300*				150
155	19.2	318.9	106,800*	28.9	339.9	114,500*	45.0	368.4	120,300*	57.0	382.1	122,200*				155
160	10.6	298.4	96,200*	24.1	329.4	109,600*	41.9	362.9	115,400*	54.5	378.6	117,300*				160
165				18.1	315.6	105,000*	38.7	356.7	110,800*	51.9	374.7	112,700*				165
170				8.3	292.2	94,800*	35.2	349.8	106,500*	49.2	370.4	108,400*				170
175							31.3	341.8	102,400*	46.4	365.7	104,300*	58.0	376.2	100,800	175
180							27.0	332.4	98,500*	43.5	360.4	100,500*	55.5	372.8	97,100	180
185							21.8	320.7	94,700*	40.3	354.6	96,800*	53.0	369.0	93,600	185
190							14.8	304.5	91,000*	37.0	348.1	93,300*	50.3	364.9	90,300	190
195										33.3	340.7	90,000*	47.5	360.4	87,200	195
200										29.2	332.0	86,800*	44.6	355.3	84,200	200
205										24.5	321.6	83,700*	41.6	349.8	81,400	205
210										18.6	308.2	80,700*	38.3	343.5	78,700	210
215										9.4	286.2	77,600*	34.8	336.5	76,100	215
220													30.9	328.4	73,600	220
225													26.4	318.8	71,200	225
230													21.1	306.7	68,900	230
235													13.8	289.6	66,600	235

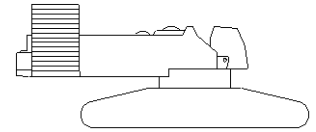


Liftcrane Luffing Jib Capacities

18000

**Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating**

**Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5**



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			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	74.4	419.2	177,600*													65
70	72.4	417.6	176,800*													70
75	70.4	415.8	175,600*													75
80	68.3	413.8	174,300*	72.1	416.6	177,200*										80
85	66.2	411.6	172,900*	70.0	414.7	177,100*										85
90	64.1	409.2	171,600*	68.0	412.7	175,600*										90
95	61.9	406.5	169,400*	65.9	410.5	174,600*										95
100	59.7	403.6	165,300*	63.8	408.0	173,500*										100
105	57.5	400.4	161,200*	61.6	405.3	172,300*										105
110	55.1	396.9	157,000*	59.4	402.3	171,200*										110
115	52.7	393.1	153,000*	57.1	399.1	166,600*	67.1	408.5	173,400*							115
120	50.3	389.0	149,000*	54.8	395.6	158,100*	65.0	406.2	164,700*							120
125	47.7	384.5	145,100*	52.3	391.7	150,300*	62.8	403.6	156,600*							125
130	45.0	379.5	139,300*	49.9	387.5	143,100*	60.6	400.8	149,200*							130
135	42.2	374.0	132,800*	47.3	383.0	136,400*	58.4	397.7	142,400*							135
140	39.2	368.0	125,900*	44.5	377.9	130,200*	56.1	394.4	136,100*							140
145	35.9	361.2	119,400*	41.7	372.4	124,500*	53.7	390.7	130,200*							145
150	32.4	353.5	113,400*	38.7	366.2	119,100*	51.3	386.7	124,600*	61.7	397.0	126,300*				150
155	28.6	344.6	107,700*	35.4	359.3	114,000*	48.8	382.4	119,500*	59.5	394.0	121,100*				155
160	24.1	334.0	102,500*	31.9	351.5	109,300*	46.1	377.6	114,700*	57.2	390.8	116,300*				160
165	18.5	320.4	97,500*	27.9	342.3	104,800*	43.3	372.3	110,100*	54.9	387.3	111,700*				165
170	10.2	299.2	85,700*	23.3	331.4	100,500*	40.4	366.5	105,800*	52.5	383.5	107,400*				170
175				17.5	317.0	96,400*	37.3	360.1	101,800*	50.0	379.3	103,400*				175
180				8.0	292.8	84,600*	33.9	352.8	97,900*	47.4	374.7	99,600*				180
185							30.2	344.5	94,200*	44.7	369.7	95,900*	55.8	381.5	92,800	185
190							26.0	334.6	90,700*	41.9	364.2	92,500*	53.5	377.8	89,500	190
195							21.0	322.5	87,300*	38.9	358.1	89,200*	51.0	373.8	86,400	195
200							14.3	305.6	84,000*	35.6	351.3	86,100*	48.5	369.4	83,500	200
205										32.1	343.5	83,100*	45.8	364.5	80,700	205
210										28.2	334.5	80,200*	43.0	359.2	78,000	210
215										23.6	323.7	77,400*	40.1	353.4	75,500	215
220										17.9	309.7	74,600*	36.9	346.8	73,000	220
225										9.0	286.9	71,800*	33.5	339.5	70,700	225
230													29.8	331.0	68,500	230
235													25.5	321.0	66,300	235
240													20.3	308.5	64,200	240
245													13.3	290.7	62,000	245

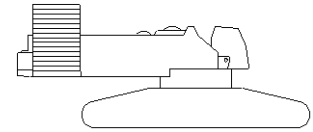


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



260 Ft. Boom, 160 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			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	
70	73.5	428.1	165,500*													70
75	71.6	426.5	164,600*													75
80	69.7	424.6	163,600*													80
85	67.8	422.5	162,500*	71.3	425.4	165,300*										85
90	65.8	420.3	161,400*	69.4	423.5	164,700*										90
95	63.8	417.8	160,200*	67.5	421.5	163,800*										95
100	61.8	415.1	157,300*	65.5	419.2	162,900*										100
105	59.7	412.2	153,800*	63.5	416.7	162,000*										105
110	57.6	409.1	150,000*	61.5	414.0	161,000*										110
115	55.4	405.6	146,300*	59.4	411.0	160,000*										115
120	53.2	401.9	142,600*	57.3	407.8	156,700*	66.7	417.2	162,200*							120
125	50.9	397.9	139,000*	55.1	404.3	149,300*	64.7	414.9	155,300*							125
130	48.5	393.5	135,500*	52.9	400.5	142,100*	62.7	412.3	147,900*							130
135	46.0	388.7	132,000*	50.5	396.4	135,500*	60.6	409.5	141,100*							135
140	43.5	383.4	125,600*	48.1	392.0	129,300*	58.5	406.4	134,800*							140
145	40.7	377.7	119,100*	45.6	387.1	123,600*	56.4	403.1	128,900*							145
150	37.8	371.4	113,100*	43.0	381.8	118,200*	54.1	399.5	123,400*							150
155	34.7	364.3	107,600*	40.3	376.0	113,200*	51.9	395.5	118,300*	61.6	405.6	119,600*				155
160	31.4	356.3	102,400*	37.4	369.5	108,500*	49.5	391.3	113,500*	59.5	402.7	114,800*				160
165	27.6	347.0	97,500*	34.2	362.3	104,100*	47.1	386.7	109,000*	57.4	399.5	110,300*				165
170	23.3	336.0	93,000*	30.8	354.1	99,900*	44.5	381.6	104,700*	55.2	396.0	106,000*				170
175	17.9	321.9	88,600*	27.0	344.7	95,900*	41.9	376.1	100,700*	53.0	392.3	102,000*				175
180	9.8	299.9	78,000*	22.5	333.3	92,100*	39.1	370.0	96,900*	50.7	388.2	98,200*				180
185				16.9	318.5	88,000*	36.0	363.3	93,300*	48.3	383.8	94,600*				185
190				7.7	293.3	77,000*	32.8	355.7	89,900*	45.8	378.9	91,200*	56.1	390.2	88,400	190
195							29.2	347.0	86,600*	43.2	373.7	88,000*	53.9	386.6	85,400	195
200							25.1	336.8	83,400*	40.5	367.9	84,900*	51.6	382.6	82,400	200
205							20.3	324.2	80,300*	37.6	361.5	82,000*	49.2	378.3	79,700	205
210							13.8	306.8	77,300*	34.4	354.3	79,100*	46.8	373.7	77,000	210
215										31.0	346.2	76,400*	44.2	368.6	74,500	215
220										27.2	336.9	73,800*	41.6	363.0	72,100	220
225										22.8	325.6	71,300*	38.7	356.9	69,800	225
230										17.3	311.1	68,700*	35.7	350.0	67,600	230
235										8.7	287.5	66,200*	32.4	342.3	65,500	235
240													28.8	333.5	63,400	240
245													24.6	323.1	61,400	245
250													19.7	310.1	59,500	250
255													12.8	291.7	57,400*	255

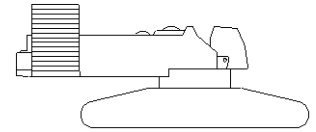


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	
70	74.5	438.6	155,100*													70
75	72.8	437.0	154,600*													75
80	71.0	435.3	153,600*													80
85	69.2	433.4	152,800*	72.5	436.0	154,800*										85
90	67.4	431.3	151,800*	70.7	434.2	154,800*										90
95	65.5	429.0	150,800*	68.9	432.3	153,800*										95
100	63.6	426.5	149,900*	67.1	430.2	153,000*										100
105	61.7	423.8	146,600*	65.2	427.9	152,300*										105
110	59.8	420.9	143,300*	63.3	425.4	151,500*										110
115	57.8	417.7	140,000*	61.4	422.6	150,700*										115
120	55.7	414.3	136,700*	59.4	419.7	149,700*										120
125	53.6	410.7	133,300*	57.4	416.5	146,400*	66.3	425.9	151,500*							125
130	51.5	406.7	130,100*	55.4	413.0	141,900*	64.4	423.5	147,700*							130
135	49.3	402.4	126,900*	53.3	409.3	135,300*	62.5	420.9	140,900*							135
140	47.0	397.8	123,800*	51.1	405.3	129,200*	60.6	418.1	134,500*							140
145	44.6	392.7	119,800*	48.9	401.0	123,500*	58.6	415.0	128,700*							145
150	42.1	387.2	113,800*	46.6	396.2	118,200*	56.6	411.8	123,200*							150
155	39.4	381.2	108,200*	44.2	391.1	113,200*	54.5	408.2	118,100*							155
160	36.6	374.6	103,100*	41.7	385.6	108,500*	52.4	404.4	113,300*	61.5	414.3	114,500*				160
165	33.6	367.2	98,300*	39.0	379.5	104,100*	50.2	400.2	108,800*	59.6	411.4	110,000*				165
170	30.4	358.9	93,700*	36.2	372.8	100,000*	47.9	395.7	104,600*	57.6	408.2	105,800*				170
175	26.7	349.4	89,500*	33.1	365.2	96,000*	45.6	390.9	100,600*	55.5	404.7	101,800*				175
180	22.5	337.9	85,500*	29.8	356.8	92,300*	43.1	385.5	96,800*	53.4	401.0	98,000*				180
185	17.3	323.4	81,600*	26.1	346.9	88,700*	40.5	379.8	93,200*	51.3	397.1	94,400*				185
190	9.5	300.7	70,400*	21.8	335.1	85,000*	37.8	373.4	89,800*	49.1	392.7	91,000*				190
195				16.4	319.8	81,100*	34.9	366.4	86,600*	46.8	388.1	87,800*	56.3	398.9	85,200	195
200				7.4	293.9	69,600*	31.8	358.5	83,500*	44.4	383.0	84,800*	54.3	395.3	82,200	200
205							28.3	349.5	80,500*	41.8	377.5	81,800*	52.1	391.5	79,500	205
210							24.3	338.9	77,700*	39.2	371.4	79,000*	49.9	387.3	76,900	210
215							19.6	325.9	74,900*	36.4	364.7	76,400*	47.7	382.7	74,400	215
220							13.3	307.9	72,100*	33.4	357.3	73,800*	45.3	377.8	72,000	220
225										30.1	348.9	71,300*	42.8	372.5	69,700	225
230										26.4	339.1	68,900*	40.2	366.6	67,500	230
235										22.1	327.5	66,600*	37.5	360.2	65,400	235
240										16.8	312.5	64,300*	34.6	353.1	63,400	240
245										8.4	288.2	61,900*	31.4	345.1	61,400	245
250													27.9	335.9	59,600	250
255													23.9	325.1	57,600*	255
260													19.0	311.7	55,700*	260
265													12.4	292.7	53,800*	265

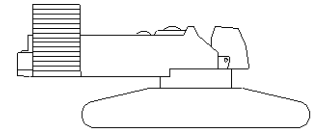


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



260 Ft. Boom, 180 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			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	73.8	447.5	143,500*													75
80	72.1	445.9	143,500*													80
85	70.4	444.1	142,700*													85
90	68.7	442.1	142,000*	71.8	444.9	143,500*										90
95	67.0	440.0	141,200*	70.1	443.0	143,500*										95
100	65.2	437.7	140,400*	68.4	441.1	142,900*										100
105	63.4	435.2	139,400*	66.7	438.9	142,300*										105
110	61.6	432.5	136,500*	64.9	436.5	141,700*										110
115	59.8	429.6	133,600*	63.1	434.0	141,100*										115
120	57.9	426.4	130,600*	61.3	431.3	140,400*										120
125	56.0	423.0	127,600*	59.5	428.3	139,600*	67.7	436.9	140,600*							125
130	54.0	419.4	124,600*	57.6	425.1	136,800*	65.9	434.6	140,600*							130
135	52.0	415.5	121,700*	55.7	421.7	133,800*	64.2	432.2	139,500*							135
140	49.9	411.3	118,800*	53.7	418.1	128,200*	62.4	429.6	133,200*							140
145	47.8	406.8	115,900*	51.7	414.1	122,500*	60.5	426.8	127,400*							145
150	45.5	401.9	113,200*	49.6	409.9	117,200*	58.7	423.7	122,000*							150
155	43.2	396.7	108,400*	47.4	405.3	112,200*	56.8	420.5	116,900*							155
160	40.8	390.9	103,200*	45.2	400.4	107,600*	54.8	416.9	112,100*							160
165	38.3	384.7	98,400*	42.9	395.0	103,200*	52.8	413.1	107,600*	61.4	422.9	108,600*				165
170	35.5	377.8	93,900*	40.4	389.2	99,100*	50.8	409.1	103,400*	59.6	420.0	104,400*				170
175	32.6	370.1	89,600*	37.8	382.9	95,200*	48.7	404.7	99,400*	57.7	416.9	100,400*				175
180	29.5	361.5	85,600*	35.1	375.9	91,500*	46.5	400.0	95,700*	55.8	413.5	96,600*				180
185	25.9	351.6	81,800*	32.2	368.1	88,000*	44.2	394.9	92,100*	53.8	409.8	93,100*				185
190	21.9	339.8	78,200*	28.9	359.3	84,700*	41.8	389.3	88,800*	51.8	405.9	89,700*				190
195	16.8	324.8	74,700*	25.3	349.1	81,400*	39.3	383.3	85,600*	49.7	401.7	86,500*				195
200	9.2	301.4	64,300*	21.1	336.9	77,800*	36.7	376.7	82,500*	47.6	397.1	83,500*	56.5	407.6	81,200	200
205				15.9	321.1	74,300*	33.9	369.4	79,600*	45.3	392.2	80,600*	54.6	404.1	78,400	205
210				7.2	294.4	63,600*	30.8	361.2	76,800*	43.0	386.9	77,800*	52.6	400.2	75,800	210
215							27.4	351.9	74,100*	40.6	381.1	75,200*	50.5	396.1	73,300	215
220							23.6	340.9	71,500*	38.0	374.8	72,700*	48.4	391.7	71,000	220
225							19.1	327.5	69,000*	35.3	367.9	70,200*	46.2	387.0	68,700	225
230							12.9	308.9	66,400*	32.4	360.1	67,900*	43.9	381.8	66,500	230
235										29.2	351.4	65,600*	41.5	376.2	64,400*	235
240										25.6	341.4	63,400*	39.0	370.1	62,400*	240
245										21.4	329.3	61,300*	36.4	363.4	60,300*	245
250										16.3	313.9	59,200*	33.5	356.0	58,400*	250
255										8.1	288.8	57,000*	30.4	347.7	56,500*	255
260													27.0	338.2	54,700*	260
265													23.1	327.1	52,900*	265
270													18.5	313.3	51,100*	270
275													12.0	293.7	49,300*	275

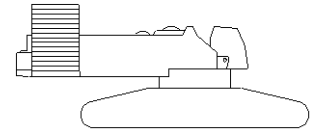


Liftcrane Luffing Jib Capacities

18000

**Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating**

**Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5**



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			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	74.6	458.0	133,000*													75
80	73.1	456.4	132,600*													80
85	71.5	454.7	132,000*													85
90	69.9	452.9	131,400*	72.8	455.4	132,600*										90
95	68.2	450.9	130,800*	71.2	453.7	132,400*										95
100	66.6	448.7	130,200*	69.6	451.8	132,300*										100
105	64.9	446.4	129,600*	68.0	449.8	131,600*										105
110	63.2	443.9	128,900*	66.3	447.6	131,100*										110
115	61.5	441.1	126,500*	64.7	445.2	130,600*										115
120	59.8	438.2	124,000*	63.0	442.7	130,200*										120
125	58.0	435.1	121,300*	61.3	439.9	129,600*										125
130	56.2	431.7	118,700*	59.5	437.0	129,100*	67.3	445.6	129,200*							130
135	54.3	428.2	116,100*	57.7	433.8	127,200*	65.6	443.3	129,200*							135
140	52.4	424.3	113,500*	55.9	430.5	124,700*	63.9	440.9	129,200*							140
145	50.5	420.2	110,900*	54.0	426.8	121,700*	62.2	438.3	126,400*							145
150	48.5	415.8	108,400*	52.1	423.0	116,400*	60.5	435.4	121,000*							150
155	46.4	411.1	106,000*	50.2	418.8	111,400*	58.7	432.4	115,900*							155
160	44.2	406.0	103,100*	48.1	414.3	106,800*	56.9	429.1	111,100*							160
165	42.0	400.5	98,200*	46.1	409.5	102,500*	55.1	425.7	106,700*							165
170	39.7	394.5	93,700*	43.9	404.4	98,400*	53.2	421.9	102,500*	61.4	431.6	103,300*				170
175	37.2	388.0	89,500*	41.6	398.8	94,500*	51.3	417.9	98,500*	59.6	428.7	99,300*				175
180	34.5	380.9	85,500*	39.3	392.8	90,800*	49.3	413.6	94,800*	57.8	425.5	95,600*				180
185	31.7	372.9	81,800*	36.8	386.2	87,400*	47.3	409.0	91,300*	56.0	422.2	92,000*				185
190	28.6	364.0	78,200*	34.1	378.9	84,100*	45.1	404.1	87,900*	54.2	418.6	88,700*				190
195	25.2	353.8	74,800*	31.3	370.8	80,900*	42.9	398.8	84,700*	52.3	414.7	85,500*				195
200	21.2	341.6	71,600*	28.1	361.7	77,800*	40.6	393.0	81,700*	50.3	410.6	82,500*				200
205	16.3	326.1	68,500*	24.6	351.3	74,500*	38.2	386.7	78,800*	48.3	406.1	79,600*	56.7	416.3	77,600	205
210	8.9	302.1	57,400*	20.5	338.7	71,300*	35.7	379.9	76,000*	46.2	401.4	76,900*	54.9	412.8	75,000	210
215				15.4	322.4	68,100*	32.9	372.3	73,400*	44.0	396.2	74,200*	53.0	409.0	72,500	215
220				7.0	295.0	56,800*	29.9	363.8	70,800*	41.8	390.7	71,700*	51.1	405.0	70,200*	220
225							26.7	354.2	68,400*	39.4	384.7	69,300*	49.1	400.7	67,800*	225
230							23.0	342.9	66,000*	36.9	378.1	67,000*	47.0	396.1	65,600*	230
235							18.5	329.1	63,700*	34.3	370.9	64,800*	44.9	391.1	63,400*	235
240							12.6	310.0	61,400*	31.5	362.9	62,700*	42.7	385.7	61,400*	240
245										28.3	353.9	60,600*	40.4	379.9	59,400*	245
250										24.9	343.5	58,600*	37.9	373.5	57,500*	250
255										20.8	331.1	56,600*	35.3	366.6	55,600*	255
260										15.8	315.2	54,700*	32.6	358.9	53,800*	260
265										7.9	289.4	52,600*	29.6	350.3	52,100*	265
270													26.3	340.5	50,400*	270
275													22.5	329.0	48,700*	275
280													17.9	314.8	47,100*	280
285													11.7	294.6	45,400*	285

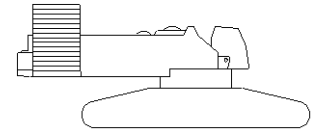


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



260 Ft. Boom, 200 Ft. Luffing Jib

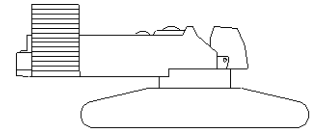
Jib Oper. Rad. Feet	87 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Elev. Feet	Luffing Jib Capacity Pounds	
80	73.9	466.9	124,300*													80
85	72.4	465.3	124,000*													85
90	70.9	463.6	123,300*													90
95	69.4	461.7	122,800*	72.2	464.3	124,000*										95
100	67.8	459.6	122,300*	70.7	462.5	124,000*										100
105	66.3	457.4	121,700*	69.1	460.6	123,400*										105
110	64.7	455.1	121,200*	67.6	458.5	122,900*										110
115	63.1	452.5	120,500*	66.0	456.3	122,500*										115
120	61.4	449.8	118,200*	64.4	453.9	122,100*										120
125	59.8	446.9	115,900*	62.8	451.4	121,700*										125
130	58.1	443.8	113,500*	61.2	448.6	121,200*										130
135	56.4	440.5	111,100*	59.5	445.6	120,800*	66.9	454.3	120,600*							135
140	54.6	436.9	108,800*	57.8	442.5	119,100*	65.3	452.0	120,600*							140
145	52.8	433.1	106,400*	56.1	439.1	116,900*	63.7	449.6	120,600*							145
150	51.0	429.1	104,100*	54.3	435.6	114,600*	62.1	446.9	119,700*							150
155	49.1	424.8	101,800*	52.5	431.7	110,400*	60.5	444.1	114,600*							155
160	47.2	420.1	99,600*	50.7	427.7	105,800*	58.8	441.1	109,900*							160
165	45.1	415.2	97,300*	48.8	423.3	101,500*	57.1	437.8	105,400*							165
170	43.0	409.9	93,100*	46.8	418.6	97,400*	55.4	434.4	101,300*	62.9	443.0	101,800*				170
175	40.9	404.2	88,900*	44.8	413.6	93,500*	53.6	430.7	97,300*	61.3	440.3	97,900*				175
180	38.6	398.0	84,900*	42.7	408.3	89,900*	51.8	426.8	93,600*	59.6	437.3	94,200*				180
185	36.2	391.2	81,200*	40.5	402.5	86,400*	49.9	422.6	90,100*	58.0	434.2	90,600*				185
190	33.6	383.8	77,700*	38.2	396.2	83,200*	48.0	418.1	86,700*	56.2	430.9	87,300*				190
195	30.9	375.6	74,300*	35.8	389.4	80,100*	46.0	413.3	83,600*	54.5	427.3	84,200*				195
200	27.9	366.5	71,200*	33.2	381.8	77,100*	43.9	408.1	80,600*	52.7	423.5	81,200*				200
205	24.5	355.9	68,200*	30.4	373.5	74,000*	41.8	402.6	77,700*	50.8	419.4	78,300*				205
210	20.7	343.4	65,300*	27.4	364.1	70,800*	39.5	396.6	75,000*	48.9	415.1	75,600*	56.9	425.0	73,700*	210
215	15.9	327.5	62,500*	24.0	353.3	67,800*	37.2	390.1	72,300*	47.0	410.5	73,000*	55.2	421.5	71,100*	215
220	8.7	302.8	52,100*	20.0	340.4	65,000*	34.7	383.0	69,800*	45.0	405.5	70,500*	53.4	417.8	68,700*	220
225				15.0	323.7	62,200*	32.0	375.1	67,400*	42.9	400.1	68,100*	51.5	413.9	66,400*	225
230				6.8	295.5	51,700*	29.2	366.4	65,100*	40.7	394.4	65,800*	49.7	409.6	64,200*	230
235							26.0	356.4	62,900*	38.4	388.1	63,600*	47.7	405.1	62,100*	235
240							22.3	344.8	60,700*	36.0	381.3	61,500*	45.7	400.2	60,000*	240
245							18.0	330.6	58,600*	33.4	373.9	59,500*	43.7	395.0	58,000*	245
250							12.2	311.0	56,400*	30.6	365.6	57,500*	41.5	389.5	56,200*	250
255										27.6	356.3	55,600*	39.3	383.4	54,300*	255
260										24.2	345.6	53,800*	36.9	376.8	52,600*	260
265										20.3	332.9	52,000*	34.4	369.6	50,900*	265
270										15.4	316.5	50,100*	31.7	361.7	49,200*	270
275										7.7	290.0	48,200*	28.8	352.9	47,600*	275
280													25.6	342.8	46,000*	280
285													21.9	330.9	44,500*	285
290													17.5	316.3	43,000*	290
295													11.4	295.6	41,400*	295

Liftcrane Luffing Jib Capacities

18000

**Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating**

**Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5**



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			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	
80	74.7	477.3	116,600*													80
85	73.3	475.8	116,300*													85
90	71.9	474.2	115,900*													90
95	70.4	472.4	115,400*													95
100	68.9	470.5	114,900*	71.6	473.1	115,900*										100
105	67.5	468.4	114,400*	70.2	471.3	115,900*										105
110	66.0	466.1	113,900*	68.7	469.4	115,300*										110
115	64.5	463.7	113,400*	67.2	467.3	115,000*										115
120	62.9	461.2	112,700*	65.7	465.0	114,600*										120
125	61.4	458.5	110,700*	64.2	462.6	114,200*										125
130	59.8	455.5	108,600*	62.7	460.0	113,900*										130
135	58.2	452.4	106,400*	61.1	457.2	113,500*										135
140	56.6	449.1	104,300*	59.5	454.3	113,100*	66.6	463.0	112,700*							140
145	54.9	445.6	102,200*	57.9	451.2	111,800*	65.1	460.7	112,700*							145
150	53.2	441.9	100,000*	56.3	447.9	109,700*	63.6	458.2	112,700*							150
155	51.4	437.9	97,900*	54.6	444.3	107,700*	62.0	455.6	112,700*							155
160	49.7	433.7	95,800*	52.9	440.5	105,500*	60.5	452.7	109,500*							160
165	47.8	429.2	93,800*	51.2	436.5	101,200*	58.9	449.7	105,100*							165
170	45.9	424.4	91,800*	49.4	432.2	97,100*	57.2	446.5	100,900*							170
175	44.0	419.2	88,800*	47.5	427.7	93,300*	55.6	443.1	97,000*	62.8	451.7	97,500*				175
180	41.9	413.7	84,800*	45.6	422.8	89,700*	53.9	439.5	93,300*	61.2	448.9	93,800*				180
185	39.8	407.8	81,100*	43.7	417.6	86,200*	52.2	435.6	89,800*	59.7	446.0	90,300*				185
190	37.6	401.3	77,600*	41.6	412.0	83,000*	50.4	431.5	86,500*	58.1	442.9	87,000*				190
195	35.3	394.4	74,300*	39.5	406.0	79,900*	48.6	427.1	83,300*	56.4	439.6	83,800*				195
200	32.8	386.7	71,200*	37.2	399.5	76,900*	46.7	422.4	80,300*	54.7	436.0	80,800*				200
205	30.1	378.3	68,200*	34.9	392.5	73,900*	44.8	417.4	77,500*	53.0	432.3	78,000*				205
210	27.2	368.8	65,400*	32.4	384.7	70,800*	42.8	412.0	74,700*	51.3	428.3	75,300*				210
215	23.9	358.0	62,700*	29.7	376.1	67,900*	40.7	406.2	72,100*	49.5	424.0	72,700*	57.1	433.7	70,800*	215
220	20.1	345.1	60,100*	26.7	366.5	65,100*	38.5	400.0	69,600*	47.7	419.5	70,200*	55.4	430.2	68,400*	220
225	15.5	328.8	57,500*	23.4	355.4	62,400*	36.2	393.3	67,300*	45.8	414.6	67,800*	53.7	426.6	66,100*	225
230	8.4	303.5	47,900*	19.5	342.1	59,800*	33.8	386.0	65,000*	43.8	409.5	65,600*	52.0	422.7	63,900*	230
235				14.6	324.9	57,200*	31.2	377.9	62,800*	41.8	403.9	63,400*	50.2	418.5	61,700*	235
240				6.6	296.0	47,600*	28.4	368.9	60,600*	39.6	397.9	61,300*	48.4	414.1	59,700*	240
245							25.3	358.6	58,600*	37.4	391.5	59,300*	46.5	409.4	57,700*	245
250							21.8	346.7	56,600*	35.0	384.4	57,300*	44.6	404.3	55,900*	250
255							17.6	332.1	54,600*	32.5	376.7	55,500*	42.6	398.9	54,100*	255
260							11.9	311.9	52,600*	29.8	368.2	53,700*	40.5	393.1	52,300*	260
265										26.9	358.6	51,900*	38.3	386.8	50,600*	265
270										23.6	347.6	50,200*	36.0	380.0	49,000*	270
275										19.8	334.5	48,500*	33.5	372.6	47,400*	275
280										15.0	317.8	46,800*	30.9	364.4	45,900*	280
285										7.5	290.6	45,000*	28.1	355.3	44,400*	285
290													24.9	344.9	42,900*	290
295													21.3	332.7	41,500*	295
300													17.0	317.7	40,100*	300
305													11.1	296.5	38,600*	305

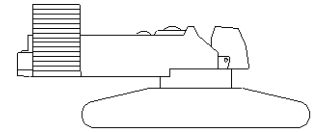


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



260 Ft. Boom, 220 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			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	74.1	486.3	109,100*													85
90	72.7	484.7	108,900*													90
95	71.3	483.0	108,300*													95
100	70.0	481.2	107,900*	72.5	483.7	108,600*										100
105	68.6	479.2	107,400*	71.1	482.0	108,500*										105
110	67.1	477.1	107,000*	69.7	480.1	108,500*										110
115	65.7	474.8	106,500*	68.3	478.1	107,800*										115
120	64.3	472.4	106,100*	66.9	476.0	107,500*										120
125	62.8	469.9	105,400*	65.5	473.7	107,200*										125
130	61.3	467.1	103,600*	64.0	471.3	106,800*										130
135	59.8	464.2	101,700*	62.6	468.7	106,500*										135
140	58.3	461.1	99,700*	61.1	465.9	106,100*	67.7	474.0	105,100*							140
145	56.7	457.8	97,800*	59.6	463.0	105,800*	66.3	471.8	105,100*							145
150	55.1	454.4	95,900*	58.0	459.9	104,900*	64.9	469.4	105,100*							150
155	53.5	450.7	94,000*	56.5	456.5	103,000*	63.4	466.9	105,100*							155
160	51.9	446.7	92,100*	54.9	453.0	100,900*	61.9	464.2	105,100*							160
165	50.2	442.6	90,100*	53.3	449.3	98,100*	60.4	461.4	103,800*							165
170	48.4	438.2	88,300*	51.6	445.4	95,200*	58.9	458.4	99,700*							170
175	46.6	433.5	86,400*	49.9	441.2	92,300*	57.4	455.2	95,700*							175
180	44.8	428.5	83,800*	48.2	436.7	88,600*	55.8	451.8	92,100*	62.7	460.3	92,300*				180
185	42.9	423.1	80,500*	46.4	432.0	85,200*	54.2	448.2	88,600*	61.2	457.6	88,900*				185
190	40.9	417.4	77,000*	44.5	426.9	82,000*	52.6	444.4	85,300*	59.7	454.7	85,500*				190
195	38.9	411.2	73,800*	42.6	421.5	78,900*	50.9	440.3	82,100*	58.1	451.5	82,400*				195
200	36.7	404.6	70,600*	40.6	415.7	76,000*	49.2	436.0	79,100*	56.6	448.2	79,400*				200
205	34.4	397.4	67,700*	38.5	409.5	73,200*	47.4	431.4	76,300*	55.0	444.8	76,600*				205
210	32.0	389.6	64,900*	36.3	402.8	70,300*	45.6	426.5	73,600*	53.4	441.0	73,900*				210
215	29.4	380.9	62,200*	34.0	395.5	67,400*	43.7	421.4	71,000*	51.7	437.1	71,300*				215
220	26.5	371.1	59,700*	31.6	387.5	64,600*	41.7	415.8	68,500*	50.0	432.9	68,900*	57.2	442.4	66,900*	220
225	23.3	360.0	57,200*	28.9	378.7	61,900*	39.7	409.8	66,200*	48.3	428.5	66,500*	55.6	439.0	64,600*	225
230	19.7	346.8	54,800*	26.0	368.7	59,400*	37.6	403.4	63,900*	46.5	423.8	64,300*	54.0	435.3	62,400*	230
235	15.1	330.0	52,300*	22.8	357.3	56,900*	35.4	396.5	61,700*	44.6	418.7	62,100*	52.4	431.5	60,300*	235
240	8.2	304.1	42,500*	19.0	343.7	54,600*	33.0	388.9	59,600*	42.7	413.4	60,000*	50.7	427.4	58,300*	240
245				14.3	326.1	52,300*	30.5	380.5	57,600*	40.7	407.6	58,100*	49.0	423.0	56,300*	245
250				6.4	296.5	42,200*	27.7	371.3	55,600*	38.7	401.4	56,100*	47.2	418.4	54,500*	250
255							24.7	360.8	53,700*	36.5	394.7	54,300*	45.4	413.5	52,700*	255
260							21.3	348.5	51,900*	34.2	387.5	52,500*	43.5	408.3	51,000*	260
265							17.1	333.5	50,100*	31.8	379.5	50,800*	41.5	402.7	49,300*	265
270							11.6	312.9	48,200*	29.1	370.8	49,100*	39.5	396.7	47,700*	270
275										26.3	360.9	47,500*	37.3	390.2	46,100*	275
280										23.0	349.6	45,900*	35.1	383.2	44,600*	280
285										19.3	336.2	44,300*	32.7	375.5	43,200*	285
290										14.6	319.0	42,700*	30.2	367.1	41,700*	290
295										7.3	291.2	41,100*	27.4	357.7	40,300*	295
300													24.3	347.0	39,000*	300
305													20.8	334.5	37,600*	305
310													16.6	319.1	36,300*	310

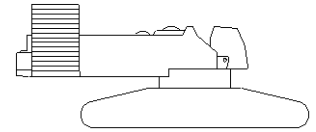


Liftcrane Luffing Jib Capacities

18000

**Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating**

**Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5**



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			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	74.8	496.7	100,200*													85
90	73.5	495.2	100,000*													90
95	72.2	493.6	99,900*													95
100	70.9	491.8	99,200*													100
105	69.5	490.0	98,900*	72.0	492.6	99,500*										105
110	68.2	488.0	98,500*	70.7	490.8	99,400*										110
115	66.8	485.8	98,100*	69.3	488.9	99,400*										115
120	65.5	483.5	97,700*	68.0	486.9	98,800*										120
125	64.1	481.1	97,400*	66.6	484.7	98,500*										125
130	62.7	478.5	97,000*	65.2	482.4	98,200*										130
135	61.3	475.8	96,000*	63.9	480.0	97,900*										135
140	59.8	472.9	94,400*	62.5	477.3	97,600*										140
145	58.4	469.8	92,700*	61.0	474.6	97,300*	67.4	482.7	96,100*							145
150	56.9	466.5	91,000*	59.6	471.6	97,000*	66.0	480.5	96,100*							150
155	55.4	463.1	89,300*	58.1	468.5	96,700*	64.7	478.1	96,100*							155
160	53.8	459.4	87,600*	56.6	465.2	95,600*	63.3	475.6	96,100*							160
165	52.2	455.5	85,900*	55.1	461.8	92,900*	61.8	472.9	96,100*							165
170	50.6	451.5	84,300*	53.6	458.1	90,200*	60.4	470.1	96,100*							170
175	49.0	447.1	81,900*	52.0	454.2	87,600*	59.0	467.0	94,800*							175
180	47.3	442.5	79,400*	50.4	450.0	84,900*	57.5	463.9	91,100*							180
185	45.5	437.6	76,800*	48.7	445.7	82,200*	56.0	460.5	87,600*	62.6	469.0	87,800*				185
190	43.8	432.5	74,300*	47.0	441.0	79,600*	54.5	456.9	84,300*	61.1	466.2	84,500*				190
195	41.9	426.9	71,900*	45.3	436.1	77,000*	52.9	453.1	81,200*	59.7	463.3	81,400*				195
200	40.0	421.0	69,400*	43.5	430.9	74,500*	51.3	449.2	78,200*	58.2	460.2	78,400*				200
205	38.0	414.7	67,100*	41.6	425.3	72,000*	49.7	444.9	75,400*	56.7	456.9	75,600*				205
210	35.8	407.8	64,300*	39.7	419.3	69,500*	48.0	440.4	72,700*	55.2	453.5	72,900*				210
215	33.6	400.4	61,700*	37.6	412.9	66,800*	46.3	435.7	70,100*	53.7	449.8	70,300*				215
220	31.2	392.3	59,200*	35.5	405.9	64,000*	44.5	430.6	67,700*	52.1	445.9	67,900*				220
225	28.7	383.4	56,700*	33.3	398.4	61,400*	42.7	425.2	65,300*	50.5	441.8	65,600*	57.3	451.0	63,500*	225
230	25.9	373.4	54,400*	30.9	390.2	58,900*	40.8	419.5	63,100*	48.8	437.5	63,300*	55.8	447.6	61,300*	230
235	22.8	362.0	52,200*	28.3	381.1	56,500*	38.8	413.3	60,900*	47.1	432.8	61,200*	54.3	444.1	59,200*	235
240	19.2	348.4	50,000*	25.4	370.9	54,200*	36.7	406.7	58,800*	45.4	427.9	59,100*	52.7	440.3	57,200*	240
245	14.8	331.3	47,600*	22.3	359.2	52,000*	34.6	399.5	56,800*	43.6	422.7	57,100*	51.1	436.2	55,300*	245
250	8.0	304.7	38,500*	18.6	345.3	49,800*	32.2	391.7	54,900*	41.7	417.1	55,200*	49.5	432.0	53,400*	250
255				13.9	327.3	47,700*	29.8	383.2	53,000*	39.8	411.2	53,400*	47.8	427.5	51,700*	255
260				6.3	297.0	38,300*	27.1	373.6	51,200*	37.8	404.8	51,600*	46.1	422.7	50,000*	260
265							24.1	362.9	49,500*	35.6	397.9	49,900*	44.3	417.6	48,300*	265
270							20.8	350.3	47,800*	33.4	390.4	48,300*	42.5	412.1	46,700*	270
275							16.7	335.0	46,100*	31.0	382.3	46,700*	40.5	406.4	45,200*	275
280							11.3	313.8	44,400*	28.5	373.3	45,100*	38.6	400.1	43,700*	280
285										25.6	363.2	43,600*	36.5	393.5	42,200*	285
290										22.5	351.6	42,100*	34.3	386.2	40,800*	290
295										18.9	337.8	40,600*	32.0	378.4	39,500*	295
300										14.3	320.2	39,200*	29.5	369.7	38,100*	300
305										7.1	291.7	37,600*	26.8	360.0	36,800*	305
310													23.8	349.1	35,600*	310
320													16.2	320.5	33,100*	320

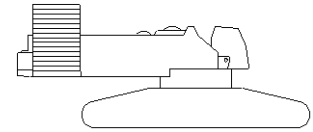


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



260 Ft. Boom, 240 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			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	
90	74.2	505.6	93,700*													90
95	73.0	504.1	93,600*													95
100	71.7	502.5	93,400*													100
105	70.4	500.7	92,800*	72.8	503.1	93,200*										105
110	69.1	498.7	92,400*	71.5	501.4	93,000*										110
115	67.9	496.7	92,000*	70.2	499.6	93,000*										115
120	66.6	494.5	91,700*	68.9	497.7	92,900*										120
125	65.2	492.2	91,300*	67.7	495.6	92,200*										125
130	63.9	489.8	91,000*	66.4	493.4	91,900*										130
135	62.6	487.2	90,600*	65.0	491.1	91,700*										135
140	61.2	484.4	90,000*	63.7	488.6	91,400*										140
145	59.8	481.5	88,400*	62.4	486.0	91,100*										145
150	58.4	478.5	86,900*	61.0	483.2	90,800*	67.1	491.4	89,600*							150
155	57.0	475.2	85,400*	59.6	480.3	90,600*	65.8	489.2	89,600*							155
160	55.6	471.8	83,900*	58.2	477.2	90,100*	64.5	486.8	89,600*							160
165	54.1	468.2	81,900*	56.8	473.9	87,500*	63.1	484.2	89,600*							165
170	52.6	464.4	79,400*	55.3	470.5	84,800*	61.8	481.6	89,600*							170
175	51.0	460.3	76,800*	53.8	466.8	82,200*	60.4	478.7	89,600*							175
180	49.5	456.0	74,200*	52.3	463.0	79,600*	59.0	475.7	89,500*							180
185	47.9	451.5	71,800*	50.8	458.9	77,000*	57.6	472.5	86,400*							185
190	46.2	446.8	69,300*	49.2	454.6	74,500*	56.2	469.2	83,100*	62.4	477.7	83,100*				190
195	44.5	441.7	66,900*	47.6	450.1	71,900*	54.7	465.7	80,000*	61.1	474.9	80,000*				195
200	42.8	436.4	64,500*	46.0	445.2	69,400*	53.2	461.9	77,000*	59.7	472.0	77,000*				200
205	41.0	430.6	62,200*	44.3	440.1	67,000*	51.7	458.0	74,200*	58.3	468.9	74,200*				205
210	39.1	424.5	59,900*	42.5	434.7	64,600*	50.1	453.8	71,500*	56.9	465.6	71,500*				210
215	37.1	418.0	57,700*	40.7	429.0	62,300*	48.5	449.4	69,000*	55.4	462.2	69,000*				215
220	35.0	411.0	55,600*	38.8	422.8	60,000*	46.9	444.8	66,500*	53.9	458.5	66,600*				220
225	32.9	403.3	53,500*	36.8	416.2	57,800*	45.2	439.8	64,200*	52.4	454.7	64,200*				225
230	30.6	395.0	51,400*	34.7	409.0	55,600*	43.5	434.6	61,900*	50.9	450.7	62,000*	57.4	459.7	59,800*	230
235	28.1	385.9	49,400*	32.5	401.3	53,500*	41.7	429.0	59,800*	49.3	446.4	59,900*	56.0	456.4	57,800*	235
240	25.3	375.6	47,500*	30.2	392.9	51,400*	39.9	423.1	57,700*	47.7	441.9	57,800*	54.5	452.8	55,800*	240
245	22.3	363.9	45,700*	27.7	383.6	49,400*	37.9	416.7	55,700*	46.1	437.1	55,900*	53.0	449.0	53,900*	245
250	18.8	350.0	43,900*	24.9	373.1	47,500*	35.9	409.9	53,800*	44.4	432.0	54,000*	51.5	445.1	52,000*	250
255	14.4	332.5	42,300*	21.8	361.1	45,700*	33.8	402.5	52,000*	42.6	426.6	52,200*	50.0	440.9	50,300*	255
260	7.8	305.4	34,600*	18.2	346.8	43,900*	31.5	394.5	50,200*	40.8	420.8	50,400*	48.4	436.5	48,600*	260
265				13.6	328.4	42,300*	29.1	385.7	48,500*	38.9	414.7	48,700*	46.7	431.8	46,900*	265
270				6.1	297.4	34,400*	26.5	376.0	46,800*	36.9	408.1	47,100*	45.0	426.8	45,400*	270
275							23.6	364.9	45,200*	34.9	401.0	45,500*	43.3	421.5	43,800*	275
280							20.3	352.1	43,600*	32.7	393.3	44,000*	41.5	415.9	42,400*	280
285							16.4	336.4	42,000*	30.3	385.0	42,500*	39.6	409.9	40,900*	285
290							11.1	314.7	40,500*	27.8	375.7	41,100*	37.7	403.5	39,600*	290
295										25.1	365.3	39,600*	35.7	396.6	38,200*	295
300										22.0	353.5	38,300*	33.5	389.2	36,900*	300
305										18.4	339.4	36,900*	31.3	381.1	35,600*	305
310										14.0	321.4	35,500*	28.8	372.2	34,400*	310
320													23.3	351.1	32,000*	320
330													15.9	321.8	29,700*	330

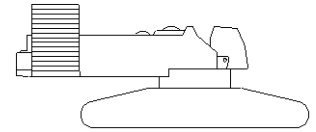


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



280 Ft. Boom, 70 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			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	
50	69.6	360.1	272,000*b													50
55	65.1	357.7	267,500*b													55
60	60.4	354.9	262,700*b	69.5	359.2	272,700*b										60
65	55.4	351.5	252,300*	65.0	356.9	263,500*b										65
70	50.1	347.3	241,300*	60.3	354.0	252,700*b										70
75	44.3	342.3	230,600*	55.3	350.6	242,000*										75
80	37.8	336.1	220,100*	50.0	346.5	231,600*										80
85	30.0	327.9	209,800*	44.2	341.4	221,400*										85
90	19.1	315.6	199,400*	37.7	335.1	211,400*	64.6	353.2	227,200*b							90
95				29.8	326.9	201,400*	59.9	350.3	213,200*b							95
100				18.8	314.5	190,400*	54.9	346.8	200,600*							100
105							49.6	342.6	189,200*							105
110							43.7	337.5	178,700*							110
115							37.1	331.0	169,200*							115
120							29.0	322.6	160,200*	59.1	344.1	163,900*b				120
125							17.6	309.5	151,700*	54.1	340.5	155,900*				125
130										48.7	336.2	148,600*				130
135										42.7	330.9	141,700*				135
140										35.9	324.2	135,200*				140
145										27.5	315.3	129,000*	57.8	335.5	128,900*	145
150										14.8	300.6	122,800*	52.6	331.7	123,500*	150
155													47.1	327.1	118,400*	155
160													40.9	321.5	113,500*	160
165													33.8	314.3	108,900*	165
170													24.7	304.4	104,300*	170
175													7.1	283.6	99,400*	175

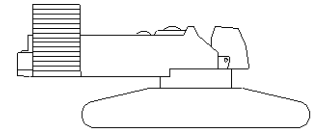


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



280 Ft. Boom, 80 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			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	
50	72.3	370.8	254,900*b													50
55	68.4	368.8	251,100*b													55
60	64.5	366.4	247,000*b	72.2	370.0	255,500*b										60
65	60.4	363.6	242,700*	68.4	368.0	252,100*b										65
70	56.0	360.2	234,900*	64.4	365.6	244,700*b										70
75	51.5	356.3	225,300*	60.3	362.7	235,200*										75
80	46.6	351.6	215,900*	56.0	359.3	225,900*										80
85	41.2	346.0	206,800*	51.4	355.4	216,700*										85
90	35.1	339.1	198,000*	46.5	350.7	207,800*										90
95	27.8	330.3	189,200*	41.1	345.1	199,100*	64.1	361.9	211,900*b							95
100	17.7	317.0	180,300*	35.0	338.2	190,500*	59.9	359.0	199,400*							100
105				27.7	329.3	179,600*	55.6	355.5	188,100*							105
110				17.4	315.9	169,000*	51.0	351.5	177,800*							110
115							46.1	346.8	168,400*							115
120							40.6	341.1	159,800*							120
125							34.5	334.0	151,700*	59.2	352.8	154,500*				125
130							27.0	324.9	144,200*	54.9	349.3	147,300*				130
135							16.3	310.8	136,900*	50.2	345.2	140,500*				135
140										45.2	340.3	134,200*				140
145										39.7	334.4	128,300*				145
150										33.4	327.1	122,700*				150
155										25.6	317.5	117,300*	53.6	340.5	117,000*	155
160										13.7	301.6	111,900*	48.9	336.2	112,200*	160
165													43.7	331.0	107,800*	165
170													38.0	324.8	103,500*	170
175													31.4	317.0	99,400*	175
180													22.9	306.3	95,400*	180
185													6.5	284.0	91,000*	185

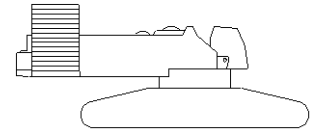


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	
50	74.3	381.4	239,000*b													50
55	71.0	379.6	236,000*b													55
60	67.5	377.5	232,600*b													60
65	64.0	375.1	228,800*	70.9	378.8	237,000*b										65
70	60.3	372.2	225,100*	67.5	376.7	233,900*b										70
75	56.5	368.9	219,500*	63.9	374.2	228,300*										75
80	52.5	365.1	211,100*	60.2	371.4	219,900*										80
85	48.2	360.7	202,900*	56.4	368.1	211,600*										85
90	43.7	355.5	194,900*	52.4	364.2	203,600*										90
95	38.7	349.4	187,100*	48.2	359.8	195,700*	67.2	373.0	211,000*b							95
100	33.0	342.0	179,500*	43.6	354.6	188,000*	63.6	370.5	198,500*							100
105	26.1	332.5	171,900*	38.6	348.5	179,900*	59.9	367.6	187,300*							105
110	16.5	318.3	164,200*	32.8	341.0	169,800*	56.1	364.3	177,200*							110
115				26.0	331.5	160,500*	52.1	360.4	167,900*							115
120				16.3	317.1	151,600*	47.8	355.9	159,400*							120
125							43.2	350.6	151,500*	63.0	364.4	153,500*				125
130							38.1	344.4	144,200*	59.3	361.5	146,400*				130
135							32.3	336.8	137,400*	55.5	358.0	139,700*				135
140							25.3	327.0	130,900*	51.4	354.1	133,500*				140
145							15.2	312.0	124,600*	47.1	349.5	127,700*				145
150										42.4	344.1	122,300*				150
155										37.2	337.7	117,100*				155
160										31.3	329.8	112,200*	54.4	349.3	111,300*	160
165										24.0	319.5	107,500*	50.2	345.1	107,000*	165
170										12.7	302.6	102,800*	45.8	340.3	102,800*	170
175													41.0	334.7	98,900*	175
180													35.7	327.9	95,100*	180
185													29.4	319.5	91,500*	185
190													21.5	308.1	87,900*	190
195													5.9	284.2	84,000*	195

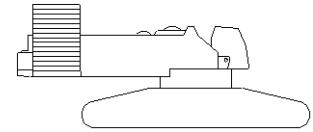


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



280 Ft. Boom, 100 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			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	
55	73.0	390.2	221,600*b													55
60	69.9	388.4	218,700*b													60
65	66.8	386.2	215,500*	72.9	389.4	222,300*b										65
70	63.6	383.7	212,300*	69.8	387.5	219,900*b										70
75	60.3	380.9	209,000*	66.7	385.4	218,100*										75
80	56.9	377.6	205,200*	63.5	382.9	213,200*										80
85	53.3	373.9	197,900*	60.2	380.0	205,700*										85
90	49.5	369.7	190,600*	56.8	376.8	198,400*										90
95	45.6	364.8	183,500*	53.2	373.0	191,200*										95
100	41.3	359.2	176,600*	49.5	368.8	184,200*	66.5	381.7	197,100*							100
105	36.5	352.6	169,900*	45.5	363.9	177,400*	63.3	379.2	186,000*							105
110	31.1	344.7	163,300*	41.2	358.3	169,300*	59.9	376.3	175,900*							110
115	24.6	334.5	155,900*	36.4	351.7	160,200*	56.5	373.0	166,700*							115
120	15.6	319.5	147,300*	31.0	343.7	151,800*	52.9	369.2	158,200*							120
125				24.5	333.5	144,000*	49.2	364.9	150,400*							125
130				15.4	318.4	136,500*	45.1	360.0	143,300*	62.7	373.1	144,800*				130
135							40.8	354.3	136,600*	59.4	370.1	138,200*				135
140							36.0	347.6	130,300*	55.9	366.8	132,100*				140
145							30.5	339.5	124,500*	52.3	362.9	126,400*				145
150							23.9	329.0	118,900*	48.5	358.5	121,000*				150
155							14.3	313.1	113,400*	44.5	353.5	116,000*				155
160										40.0	347.7	111,200*				160
165										35.2	340.8	106,800*	54.9	358.0	105,400*	165
170										29.6	332.3	102,500*	51.3	354.0	101,400*	170
175										22.6	321.3	98,300*	47.4	349.5	97,500*	175
180										12.0	303.5	94,100*	43.3	344.2	93,900*	180
185													38.7	338.1	90,400*	185
190													33.7	330.9	87,000*	190
195													27.8	321.9	83,800*	195
200													20.3	309.7	80,600*	200
205													5.5	284.5	77,000*	205

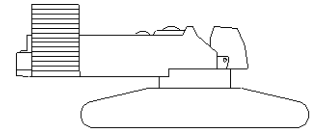


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	
55	74.6	400.7	207,000* ^b													55
60	71.8	399.1	204,700* ^b													60
65	69.0	397.1	202,200*													65
70	66.2	394.9	199,500*	71.8	398.2	205,600* ^b										70
75	63.3	392.4	197,000*	69.0	396.3	203,500*										75
80	60.3	389.5	194,000*	66.1	394.1	201,200*										80
85	57.2	386.3	191,400*	63.2	391.5	198,700*										85
90	53.9	382.7	185,500*	60.2	388.7	192,500*										90
95	50.6	378.6	179,100*	57.1	385.5	186,000*										95
100	47.0	374.0	172,800*	53.9	381.8	179,600*										100
105	43.3	368.7	166,700*	50.5	377.7	173,400*	65.9	390.4	185,000*							105
110	39.2	362.7	160,700*	47.0	373.1	167,400*	63.0	387.8	175,000*							110
115	34.7	355.7	154,900*	43.2	367.8	160,000*	59.9	384.9	165,800*							115
120	29.6	347.2	147,900*	39.1	361.8	151,700*	56.8	381.7	157,400*							120
125	23.4	336.5	140,200*	34.6	354.7	144,000*	53.6	378.0	149,700*							125
130	14.8	320.7	132,900*	29.5	346.3	136,900*	50.2	373.9	142,600*							130
135				23.3	335.5	130,300*	46.7	369.2	136,000*	62.5	381.7	137,200*				135
140				14.6	319.5	123,800*	42.9	363.9	129,900*	59.4	378.8	131,100*				140
145							38.7	357.8	124,100*	56.3	375.5	125,400*				145
150							34.2	350.6	118,700*	53.1	371.7	120,100*				150
155							29.0	342.0	113,600*	49.7	367.5	115,200*				155
160							22.7	330.9	108,700*	46.1	362.7	110,500*				160
165							13.6	314.2	103,900*	42.2	357.3	106,100*				165
170										38.0	351.0	101,900*	55.4	366.8	100,400*	170
175										33.4	343.7	98,000*	52.1	362.9	96,600*	175
180										28.1	334.8	94,200*	48.7	358.5	93,000*	180
185										21.5	323.1	90,500*	45.0	353.6	89,600*	185
190										11.3	304.3	86,700*	41.1	347.9	86,300*	190
195													36.8	341.4	83,200*	195
200													32.0	333.7	80,200*	200
205													26.4	324.1	77,200*	205
210													19.2	311.3	74,400*	210
215													5.1	284.8	71,100*	215

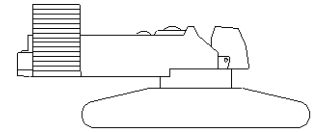


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



280 Ft. Boom, 120 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			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	73.4	409.6	192,300*													60
65	70.9	407.9	190,300*													65
70	68.3	405.9	188,000*													70
75	65.7	403.6	185,700*	70.8	407.1	191,300*										75
80	63.0	401.1	183,400*	68.2	405.0	189,500*										80
85	60.2	398.2	181,000*	65.6	402.8	187,400*										85
90	57.4	395.0	178,700*	62.9	400.2	185,500*										90
95	54.5	391.5	174,600*	60.2	397.4	180,900*										95
100	51.4	387.5	168,800*	57.3	394.1	175,000*										100
105	48.2	383.0	163,200*	54.4	390.6	169,300*	68.0	401.4	181,000*							105
110	44.9	378.1	157,700*	51.4	386.6	163,800*	65.4	399.1	173,500*							110
115	41.3	372.5	152,400*	48.2	382.2	158,300*	62.7	396.5	164,400*							115
120	37.4	366.0	147,000*	44.8	377.2	150,900*	60.0	393.6	156,100*							120
125	33.1	358.6	140,000*	41.2	371.5	143,300*	57.1	390.4	148,400*							125
130	28.2	349.7	133,000*	37.3	365.1	136,400*	54.2	386.8	141,400*							130
135	22.3	338.4	126,500*	33.0	357.6	129,900*	51.1	382.7	134,800*							135
140	14.1	321.8	120,200*	28.1	348.7	123,800*	47.9	378.3	128,700*	62.3	390.4	129,500*				140
145				22.2	337.3	118,000*	44.5	373.2	123,100*	59.5	387.5	123,900*				145
150				13.9	320.6	112,400*	40.9	367.5	117,800*	56.6	384.2	118,700*				150
155							37.0	361.0	112,800*	53.7	380.5	113,800*				155
160							32.6	353.5	108,100*	50.6	376.4	109,200*				160
165							27.7	344.4	103,600*	47.4	371.9	104,800*				165
170							21.6	332.7	99,300*	43.9	366.7	100,700*				170
175							12.9	315.2	95,000*	40.3	360.9	96,800*	55.8	375.5	95,000*	175
180										36.3	354.3	93,100*	52.8	371.7	91,500*	180
185										31.9	346.5	89,600*	49.7	367.5	88,100*	185
190										26.8	337.1	86,200*	46.4	362.8	84,900*	190
195										20.5	324.8	82,900*	43.0	357.5	81,800*	195
200										10.8	305.1	79,500*	39.2	351.4	78,900*	200
205													35.1	344.5	76,100*	205
210													30.6	336.3	73,400*	210
215													25.2	326.3	70,800*	215
220													18.3	312.8	68,200*	220
225													4.8	285.0	65,200*	225

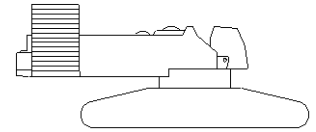


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	74.7	420.1	180,800* ^b													60
65	72.4	418.5	179,100*													65
70	70.0	416.7	177,300*													70
75	67.7	414.6	175,400*	72.3	417.7	179,900*										75
80	65.2	412.3	173,400*	70.0	415.9	178,500*										80
85	62.8	409.7	171,400*	67.6	413.8	176,800*										85
90	60.2	406.9	169,300*	65.2	411.5	175,300*										90
95	57.6	403.7	167,000*	62.7	408.9	173,400*										95
100	54.9	400.2	162,800*	60.2	406.0	170,400*										100
105	52.1	396.3	158,400*	57.6	402.8	165,200*										105
110	49.2	392.0	154,300*	54.9	399.3	160,000*	67.4	410.1	170,500*							110
115	46.2	387.3	149,500*	52.1	395.4	155,000*	65.0	407.8	164,300*							115
120	43.0	382.0	144,700*	49.2	391.1	150,100*	62.5	405.1	156,000*							120
125	39.5	376.0	140,100*	46.1	386.4	143,600*	60.0	402.2	148,400*							125
130	35.8	369.2	133,500*	42.9	381.1	136,600*	57.3	399.0	141,300*							130
135	31.7	361.4	127,100*	39.5	375.1	130,200*	54.6	395.5	134,800*							135
140	27.0	352.0	121,200*	35.8	368.3	124,200*	51.8	391.6	128,800*							140
145	21.4	340.2	115,500*	31.6	360.4	118,600*	48.9	387.3	123,100*	62.1	399.1	123,800*				145
150	13.5	322.9	110,100*	27.0	351.0	113,400*	45.9	382.5	117,900*	59.5	396.1	118,500*				150
155				21.3	339.1	108,300*	42.6	377.1	113,000*	56.9	392.9	113,700*				155
160				13.3	321.7	103,400*	39.2	371.0	108,300*	54.2	389.3	109,100*				160
165							35.4	364.2	103,900*	51.4	385.3	104,800*				165
170							31.3	356.2	99,800*	48.4	380.9	100,700*				170
175							26.5	346.6	95,800*	45.4	376.0	96,900*				175
180							20.7	334.5	92,000*	42.1	370.5	93,200*	56.2	384.2	91,300*	180
185									88,200*	38.6	364.4	89,800*	53.4	380.5	88,000*	185
190										34.8	357.3	86,500*	50.6	376.4	84,800*	190
195										30.6	349.1	83,300*	47.6	371.9	81,800*	195
200										25.7	339.3	80,300*	44.5	366.8	78,900*	200
205										19.6	326.5	77,300*	41.1	361.2	76,200*	205
210										10.3	305.9	74,200*	37.6	354.8	73,500*	210
215													33.7	347.5	71,000*	215
220													29.3	338.9	68,500*	220
225													24.1	328.4	66,100*	225
230													17.6	314.3	63,700*	230
235													4.6	285.3	61,000*	235

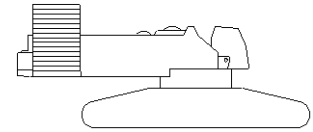


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



280 Ft. Boom, 140 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			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	73.7	429.0	168,400*													65
70	71.5	427.4	166,900*													70
75	69.3	425.5	165,400*													75
80	67.1	423.3	163,700*	71.5	426.5	167,800*										80
85	64.9	421.0	161,900*	69.3	424.6	166,500*										85
90	62.6	418.4	160,100*	67.1	422.5	165,500*										90
95	60.2	415.5	158,400*	64.8	420.1	163,700*										95
100	57.8	412.4	155,100*	62.5	417.5	162,100*										100
105	55.3	408.9	151,200*	60.2	414.7	160,500*										105
110	52.7	405.1	147,400*	57.7	411.5	156,000*										110
115	50.1	401.0	143,600*	55.2	408.0	151,300*	66.9	418.8	160,600*							115
120	47.3	396.4	139,900*	52.7	404.2	146,800*	64.6	416.4	154,600*							120
125	44.4	391.3	136,400*	50.0	400.1	142,400*	62.3	413.8	147,000*							125
130	41.3	385.7	132,900*	47.2	395.5	135,800*	60.0	410.9	140,000*							130
135	38.0	379.4	126,600*	44.3	390.4	129,400*	57.5	407.7	133,600*							135
140	34.4	372.3	120,700*	41.2	384.8	123,500*	55.0	404.2	127,600*							140
145	30.5	364.0	115,200*	37.9	378.5	118,000*	52.5	400.4	122,000*							145
150	26.0	354.2	110,000*	34.4	371.3	112,800*	49.8	396.2	116,700*	61.9	407.7	117,000*				150
155	20.6	341.9	105,100*	30.4	363.1	107,900*	47.0	391.6	111,900*	59.6	404.8	112,200*				155
160	12.9	324.0	100,300*	25.9	353.2	103,300*	44.1	386.5	107,300*	57.1	401.6	107,700*				160
165				20.4	340.9	98,900*	41.0	380.8	103,000*	54.6	398.0	103,400*				165
170				12.7	322.7	94,500*	37.7	374.4	98,900*	52.0	394.1	99,400*				170
175							34.1	367.2	95,000*	49.3	389.9	95,600*				175
180							30.1	358.8	91,300*	46.5	385.2	92,000*				180
185							25.5	348.8	87,800*	43.6	380.0	88,600*	56.4	392.9	86,400*	185
190							19.9	336.1	84,400*	40.5	374.2	85,300*	53.9	389.2	83,300*	190
195							11.9	317.1	80,900*	37.1	367.7	82,200*	51.3	385.3	80,300*	195
200										33.4	360.3	79,300*	48.6	380.9	77,500*	200
205										29.4	351.7	76,400*	45.7	376.0	74,800*	205
210										24.7	341.4	73,700*	42.7	370.7	72,200*	210
215										18.9	328.0	71,000*	39.5	364.7	69,700*	215
220										9.9	306.7	68,200*	36.1	358.0	67,400*	220
225													32.4	350.3	65,100*	225
230													28.1	341.3	62,800*	230
235													23.2	330.3	60,600*	235
240													16.9	315.7	58,400*	240
245													4.3	285.5	56,000*	245

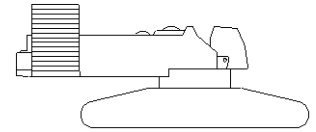


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



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			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	74.8	439.5	157,100*													65
70	72.8	437.9	156,000*													70
75	70.8	436.2	154,800*													75
80	68.7	434.2	153,500*	72.8	437.1	156,600*										80
85	66.7	432.0	152,100*	70.8	435.3	155,800*										85
90	64.5	429.7	150,600*	68.7	433.4	155,100*										90
95	62.4	427.0	149,200*	66.6	431.2	153,500*										95
100	60.2	424.2	147,600*	64.5	428.8	152,300*										100
105	57.9	421.0	144,200*	62.3	426.2	151,000*										105
110	55.6	417.6	140,700*	60.1	423.3	149,700*										110
115	53.2	413.9	137,200*	57.9	420.2	147,700*										115
120	50.8	409.8	133,900*	55.6	416.8	143,500*	66.4	427.5	151,800*							120
125	48.2	405.4	130,600*	53.2	413.0	139,400*	64.3	425.1	146,000*							125
130	45.6	400.5	127,400*	50.7	409.0	135,100*	62.2	422.5	139,000*							130
135	42.8	395.2	124,300*	48.2	404.5	128,700*	60.0	419.6	132,600*							135
140	39.8	389.3	120,200*	45.5	399.6	122,800*	57.7	416.4	126,600*							140
145	36.6	382.6	114,800*	42.7	394.3	117,400*	55.4	413.0	121,000*							145
150	33.2	375.2	109,700*	39.7	388.4	112,200*	53.0	409.2	115,900*							150
155	29.4	366.6	104,900*	36.6	381.7	107,400*	50.5	405.1	111,000*	61.8	416.4	111,100*				155
160	25.1	356.4	100,400*	33.1	374.2	102,900*	48.0	400.6	106,400*	59.6	413.5	106,600*				160
165	19.8	343.6	96,100*	29.3	365.6	98,600*	45.3	395.7	102,200*	57.3	410.2	102,400*				165
170	12.4	325.0	91,500*	25.0	355.4	94,500*	42.5	390.3	98,100*	55.0	406.7	98,400*				170
175				19.7	342.5	90,600*	39.5	384.3	94,300*	52.6	402.9	94,600*				175
180				12.3	323.7	86,800*	36.3	377.6	90,700*	50.1	398.8	91,000*				180
185							32.8	370.1	87,200*	47.5	394.2	87,700*				185
190							29.0	361.3	83,900*	44.8	389.2	84,400*	56.7	401.6	82,200*	190
195							24.6	350.9	80,800*	42.0	383.7	81,400*	54.3	398.0	79,300*	195
200							19.2	337.8	77,700*	39.0	377.7	78,500*	51.9	394.1	76,400*	200
205							11.4	318.0	74,600*	35.8	370.8	75,700*	49.4	389.8	73,800*	205
210										32.2	363.1	73,000*	46.8	385.2	71,200*	210
215										28.3	354.1	70,400*	44.1	380.0	68,800*	215
220										23.8	343.4	67,900*	41.2	374.4	66,400*	220
225										18.2	329.6	65,500*	38.1	368.1	64,200*	225
230										9.5	307.4	62,900*	34.8	361.1	62,000*	230
235													31.2	353.0	59,900*	235
240													27.1	343.7	57,900*	240
245													22.4	332.2	55,900*	245
250													16.3	317.0	53,800*	250
255													4.1	285.7	51,600*	255

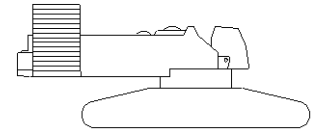


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



280 Ft. Boom, 160 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			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	
70	73.9	448.4	146,100*													70
75	72.0	446.8	145,100*													75
80	70.1	445.0	144,100*													80
85	68.2	443.0	142,900*	72.0	446.0	145,700*										85
90	66.3	440.8	141,700*	70.1	444.1	144,900*										90
95	64.3	438.3	140,400*	68.2	442.1	144,200*										95
100	62.2	435.7	139,200*	66.2	439.9	143,100*										100
105	60.2	432.8	137,400*	64.2	437.5	142,000*										105
110	58.1	429.7	134,300*	62.2	434.9	141,000*										110
115	55.9	426.3	131,100*	60.1	432.0	139,800*										115
120	53.7	422.7	128,000*	58.0	428.9	138,500*	68.0	438.5	142,800*							120
125	51.4	418.7	125,000*	55.9	425.5	134,800*	66.1	436.2	142,100*							125
130	49.0	414.4	122,000*	53.6	421.8	131,000*	64.1	433.8	137,600*							130
135	46.6	409.7	119,000*	51.4	417.8	127,500*	62.0	431.1	131,200*							135
140	44.0	404.5	116,200*	49.0	413.5	121,900*	60.0	428.2	125,300*							140
145	41.3	398.9	113,500*	46.5	408.8	116,400*	57.8	425.1	119,800*							145
150	38.5	392.7	109,000*	44.0	403.6	111,300*	55.7	421.7	114,600*							150
155	35.4	385.8	104,300*	41.3	398.0	106,600*	53.5	418.0	109,800*							155
160	32.1	378.0	99,800*	38.4	391.8	102,100*	51.2	414.0	105,300*	61.7	425.0	105,100*				160
165	28.4	369.1	95,600*	35.3	384.9	97,900*	48.8	409.6	101,000*	59.6	422.1	100,900*				165
170	24.2	358.5	91,600*	32.0	377.0	93,900*	46.3	404.9	97,000*	57.5	418.9	96,900*				170
175	19.1	345.2	87,800*	28.3	368.1	90,100*	43.7	399.7	93,200*	55.3	415.5	93,200*				175
180	12.0	325.9	83,500*	24.1	357.5	86,500*	41.0	394.0	89,600*	53.1	411.7	89,700*				180
185				19.0	344.1	83,000*	38.2	387.7	86,200*	50.8	407.7	86,300*				185
190				11.8	324.6	79,500*	35.1	380.7	83,000*	48.4	403.2	83,100*				190
195							31.7	372.9	79,900*	45.9	398.4	80,100*	56.9	410.3	77,700*	195
200							28.0	363.8	76,900*	43.3	393.2	77,200*	54.7	406.7	74,900*	200
205							23.8	353.0	74,100*	40.6	387.4	74,500*	52.5	402.9	72,300*	205
210							18.6	339.3	71,300*	37.7	381.0	71,900*	50.1	398.7	69,800*	210
215							11.0	318.9	68,500*	34.6	373.9	69,400*	47.7	394.2	67,400*	215
220										31.2	365.9	66,900*	45.2	389.3	65,100*	220
225										27.4	356.5	64,600*	42.6	383.9	62,800*	225
230										23.0	345.4	62,300*	39.8	378.0	60,700*	230
235										17.6	331.0	60,100*	36.8	371.4	58,700*	235
240										9.2	308.1	57,700*	33.6	364.0	56,700*	240
245													30.1	355.7	54,800*	245
250													26.2	345.9	52,900*	250
255													21.6	334.1	51,000*	255
260													15.7	318.3	49,200*	260
265													4.0	286.0	47,100*	265

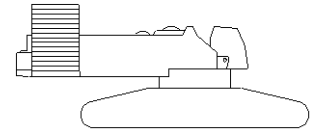


Liftcrane Luffing Jib Capacities

18000

**Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating**

**Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5**



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			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	
70	74.9	458.9	138,100*													70
75	73.1	457.3	137,300*													75
80	71.4	455.6	136,500*													80
85	69.6	453.8	135,500*													85
90	67.7	451.7	134,400*	71.3	454.8	137,100*										90
95	65.9	449.5	133,400*	69.5	452.9	136,700*										95
100	64.0	447.0	132,300*	67.7	450.9	135,600*										100
105	62.1	444.4	131,200*	65.9	448.6	134,700*										105
110	60.2	441.5	128,500*	64.0	446.2	133,800*										110
115	58.2	438.4	125,600*	62.1	443.5	132,900*										115
120	56.2	435.0	122,800*	60.1	440.6	131,900*										120
125	54.1	431.4	119,900*	58.1	437.5	131,000*	67.6	447.2	134,400*							125
130	51.9	427.5	117,100*	56.1	434.2	128,500*	65.7	444.9	134,200*							130
135	49.7	423.3	114,400*	54.0	430.6	125,500*	63.8	442.5	131,000*							135
140	47.5	418.7	111,700*	51.9	426.7	121,800*	61.9	439.8	125,000*							140
145	45.1	413.8	109,100*	49.7	422.4	116,300*	60.0	436.9	119,500*							145
150	42.6	408.4	106,600*	47.4	417.9	111,300*	58.0	433.8	114,400*							150
155	40.0	402.5	104,300*	45.0	412.9	106,500*	55.9	430.4	109,600*							155
160	37.2	396.0	99,900*	42.6	407.5	102,000*	53.9	426.7	105,000*							160
165	34.3	388.8	95,700*	39.9	401.6	97,900*	51.7	422.8	100,800*	61.6	433.7	100,600*				165
170	31.1	380.7	91,800*	37.2	395.1	93,900*	49.5	418.6	96,800*	59.6	430.8	96,600*				170
175	27.5	371.5	88,100*	34.2	387.9	90,200*	47.2	414.0	93,100*	57.7	427.6	92,900*				175
180	23.5	360.5	84,500*	31.0	379.8	86,600*	44.8	409.0	89,500*	55.6	424.2	89,400*				180
185	18.5	346.8	81,100*	27.5	370.5	83,200*	42.3	403.5	86,100*	53.5	420.5	86,100*				185
190	11.6	326.9	75,400*	23.4	359.5	80,000*	39.7	397.6	82,900*	51.4	416.5	82,900*				190
195				18.4	345.7	76,800*	36.9	391.0	79,900*	49.1	412.2	79,900*				195
200				11.4	325.5	73,700*	34.0	383.8	77,000*	46.8	407.5	77,100*	57.1	419.0	74,600*	200
205							30.7	375.6	74,200*	44.4	402.5	74,300*	55.0	415.5	72,000*	205
210							27.1	366.1	71,500*	41.9	397.0	71,700*	52.9	411.7	69,500*	210
215							23.0	355.0	68,900*	39.3	390.9	69,300*	50.7	407.6	67,100*	215
220							18.0	340.8	66,400*	36.5	384.3	66,900*	48.5	403.2	64,800*	220
225							10.6	319.7	63,800*	33.5	376.9	64,600*	46.2	398.5	62,600*	225
230										30.2	368.5	62,400*	43.7	393.3	60,500*	230
235										26.5	358.8	60,200*	41.2	387.6	58,500*	235
240										22.3	347.3	58,100*	38.5	381.4	56,500*	240
245										17.0	332.5	56,000*	35.7	374.6	54,700*	245
250										8.8	308.8	53,900*	32.6	366.9	52,800*	250
255													29.2	358.2	51,100*	255
260													25.4	348.1	49,300*	260
265													20.9	335.9	47,600*	265
270													15.2	319.6	45,900*	270
275													3.8	286.2	43,900*	275

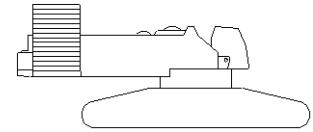


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



280 Ft. Boom, 180 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			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	74.1	467.8	128,600*													75
80	72.4	466.2	128,000*													80
85	70.7	464.5	127,100*													85
90	69.0	462.5	126,300*	72.4	465.4	128,300*										90
95	67.3	460.4	125,400*	70.7	463.6	127,700*										95
100	65.6	458.2	124,400*	69.0	461.7	127,300*										100
105	63.8	455.7	123,500*	67.3	459.6	126,400*										105
110	62.0	453.0	122,300*	65.5	457.3	125,700*										110
115	60.2	450.2	119,800*	63.8	454.8	124,900*										115
120	58.3	447.1	117,200*	62.0	452.2	124,100*										120
125	56.4	443.7	114,700*	60.1	449.3	123,300*										125
130	54.4	440.2	112,100*	58.2	446.2	122,500*	67.1	455.9	125,300*							130
135	52.4	436.3	109,600*	56.3	442.9	120,200*	65.4	453.6	125,100*							135
140	50.3	432.2	107,100*	54.4	439.3	117,600*	63.6	451.1	123,700*							140
145	48.2	427.8	104,700*	52.4	435.5	115,100*	61.8	448.5	118,200*							145
150	46.0	423.0	102,300*	50.3	431.3	110,300*	60.0	445.6	113,100*							150
155	43.7	417.8	100,000*	48.2	426.9	105,500*	58.1	442.4	108,300*							155
160	41.3	412.1	97,800*	46.0	422.1	101,100*	56.2	439.1	103,800*							160
165	38.8	406.0	95,000*	43.7	416.9	96,900*	54.2	435.5	99,600*							165
170	36.1	399.2	91,100*	41.3	411.2	93,000*	52.2	431.6	95,600*	61.5	442.4	95,200*				170
175	33.3	391.8	87,400*	38.8	405.1	89,300*	50.1	427.5	91,900*	59.7	439.4	91,500*				175
180	30.2	383.4	83,900*	36.1	398.3	85,800*	48.0	423.0	88,300*	57.8	436.3	88,000*				180
185	26.7	373.8	80,600*	33.2	390.8	82,500*	45.8	418.2	85,000*	55.9	432.9	84,700*				185
190	22.8	362.5	77,400*	30.1	382.4	79,300*	43.5	412.9	81,800*	53.9	429.3	81,500*				190
195	18.0	348.3	74,300*	26.6	372.8	76,200*	41.1	407.2	78,800*	51.9	425.4	78,600*				195
200	11.3	327.8	68,700*	22.7	361.4	73,300*	38.5	401.0	75,900*	49.8	421.1	75,700*				200
205				17.9	347.2	70,500*	35.8	394.2	73,200*	47.6	416.6	73,000*	57.3	427.6	70,500*	205
210				11.1	326.4	67,600*	33.0	386.7	70,600*	45.4	411.7	70,500*	55.3	424.2	68,000*	210
215							29.8	378.2	68,000*	43.1	406.4	68,000*	53.3	420.5	65,600*	215
220							26.3	368.4	65,600*	40.7	400.6	65,700*	51.3	416.5	63,400*	220
225							22.3	356.9	63,200*	38.1	394.4	63,400*	49.2	412.2	61,200*	225
230							17.4	342.3	60,900*	35.4	387.4	61,200*	47.0	407.6	59,100*	230
235							10.3	320.5	58,600*	32.5	379.7	59,100*	44.8	402.6	57,100*	235
240										29.3	371.0	57,100*	42.4	397.1	55,200*	240
245										25.7	361.1	55,100*	40.0	391.2	53,400*	245
250										21.6	349.1	53,200*	37.4	384.8	51,600*	250
255										16.5	333.9	51,300*	34.6	377.6	49,800*	255
260										8.6	309.5	49,300*	31.6	369.7	48,200*	260
265													28.3	360.7	46,500*	265
270													24.6	350.2	44,900*	270
275													20.3	337.6	43,400*	275
280													14.7	320.8	41,800*	280
285													3.7	286.4	39,900*	285

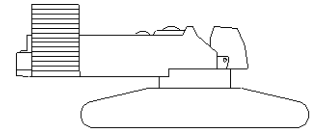


Liftcrane Luffing Jib Capacities

18000

**Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating**

**Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5**



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			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	75.0	478.2	119,400*													75
80	73.4	476.7	118,900*													80
85	71.8	475.1	118,400*													85
90	70.2	473.3	117,700*													90
95	68.6	471.3	117,000*	71.8	474.2	118,700*										95
100	66.9	469.2	116,300*	70.2	472.4	118,300*										100
105	65.3	466.9	115,500*	68.5	470.5	117,900*										105
110	63.6	464.4	114,800*	66.9	468.3	117,200*										110
115	61.9	461.7	113,700*	65.2	466.0	116,600*										115
120	60.1	458.8	111,500*	63.6	463.5	116,000*										120
125	58.4	455.7	109,200*	61.9	460.8	115,400*										125
130	56.6	452.4	106,900*	60.1	458.0	114,700*										130
135	54.7	448.9	104,700*	58.3	454.9	114,100*	66.8	464.6	115,900*							135
140	52.8	445.1	102,500*	56.5	451.6	112,200*	65.1	462.3	115,800*							140
145	50.9	441.1	100,200*	54.7	448.0	109,900*	63.4	459.8	115,700*							145
150	48.9	436.7	98,100*	52.8	444.3	107,700*	61.7	457.1	112,000*							150
155	46.8	432.1	95,900*	50.9	440.2	104,700*	60.0	454.2	107,300*							155
160	44.7	427.0	93,800*	48.9	435.9	100,300*	58.2	451.1	102,800*							160
165	42.5	421.6	91,900*	46.8	431.2	96,200*	56.4	447.8	98,600*							165
170	40.2	415.8	90,000*	44.7	426.1	92,300*	54.5	444.2	94,700*							170
175	37.7	409.4	86,800*	42.4	420.7	88,600*	52.6	440.4	90,900*	61.4	451.0	90,300*				175
180	35.1	402.4	83,300*	40.1	414.9	85,100*	50.7	436.4	87,400*	59.7	448.1	86,900*				180
185	32.3	394.6	80,000*	37.7	408.5	81,800*	48.7	432.0	84,100*	57.9	445.0	83,600*				185
190	29.3	386.0	76,900*	35.1	401.4	78,600*	46.6	427.3	80,900*	56.1	441.6	80,500*				190
195	26.0	376.0	73,900*	32.3	393.7	75,600*	44.5	422.2	77,900*	54.2	438.0	77,500*				195
200	22.1	364.3	71,000*	29.2	385.0	72,800*	42.2	416.8	75,100*	52.3	434.2	74,700*				200
205	17.5	349.8	68,200*	25.9	375.0	70,000*	39.9	410.8	72,400*	50.4	430.0	72,000*				205
210	10.9	328.6	61,400*	22.0	363.3	67,400*	37.4	404.4	69,800*	48.4	425.6	69,500*	57.4	436.3	66,900*	210
215				17.4	348.6	64,800*	34.8	397.3	67,300*	46.3	420.9	67,000*	55.6	432.9	64,500*	215
220				10.8	327.3	62,200*	32.0	389.5	64,900*	44.1	415.7	64,700*	53.7	429.2	62,300*	220
225							29.0	380.7	62,600*	41.9	410.2	62,500*	51.8	425.3	60,100*	225
230							25.6	370.6	60,400*	39.5	404.2	60,300*	49.8	421.1	58,000*	230
235							21.7	358.7	58,200*	37.0	397.7	58,300*	47.8	416.6	56,100*	235
240							16.9	343.7	56,100*	34.4	390.5	56,300*	45.7	411.7	54,200*	240
245							10.0	321.3	53,900*	31.6	382.5	54,400*	43.5	406.5	52,300*	245
250										28.5	373.5	52,500*	41.2	400.9	50,600*	250
255										25.0	363.2	50,700*	38.8	394.7	48,900*	255
260										21.0	350.9	48,900*	36.3	388.0	47,200*	260
265										16.0	335.2	47,200*	33.6	380.6	45,600*	265
270										8.3	310.1	45,300*	30.7	372.4	44,100*	270
275													27.5	363.1	42,600*	275
280													24.0	352.3	41,100*	280
285													19.7	339.3	39,600*	285
290													14.3	322.0	38,200*	290
295													3.5	286.6	36,400*	295

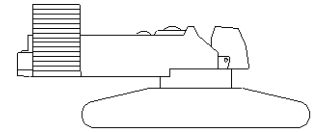


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5



280 Ft. Boom, 200 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			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	
80	74.2	487.2	111,900*													80
85	72.7	485.6	111,400*													85
90	71.2	483.9	110,900*													90
95	69.7	482.0	110,300*	72.7	484.8	111,600*										95
100	68.2	480.0	109,600*	71.2	483.1	111,200*										100
105	66.6	477.9	109,000*	69.7	481.2	111,100*										105
110	65.0	475.5	108,300*	68.1	479.2	110,400*										110
115	63.4	473.0	107,700*	66.6	477.0	109,900*										115
120	61.8	470.4	106,400*	65.0	474.7	109,300*										120
125	60.1	467.5	104,300*	63.4	472.2	108,800*										125
130	58.5	464.4	102,300*	61.8	469.5	108,200*										130
135	56.7	461.1	100,200*	60.1	466.6	107,700*	68.0	475.5	108,500*							135
140	55.0	457.6	98,200*	58.4	463.5	107,100*	66.4	473.4	108,500*							140
145	53.2	453.9	96,100*	56.7	460.3	105,200*	64.9	471.0	108,500*							145
150	51.4	449.9	94,100*	55.0	456.8	103,200*	63.3	468.5	108,500*							150
155	49.5	445.7	92,100*	53.2	453.0	101,200*	61.6	465.8	105,900*							155
160	47.6	441.1	90,200*	51.3	449.0	99,200*	60.0	462.9	101,500*							160
165	45.6	436.2	88,200*	49.5	444.8	95,200*	58.3	459.8	97,300*							165
170	43.5	431.0	86,400*	47.5	440.2	91,300*	56.6	456.5	93,400*							170
175	41.3	425.4	84,700*	45.5	435.4	87,600*	54.8	453.0	89,700*	63.0	462.4	88,900*				175
180	39.1	419.3	82,500*	43.4	430.1	84,100*	53.0	449.2	86,200*	61.4	459.7	85,400*				180
185	36.7	412.7	79,200*	41.3	424.5	80,800*	51.2	445.2	82,900*	59.7	456.8	82,100*				185
190	34.2	405.4	76,100*	39.0	418.4	77,700*	49.3	440.9	79,700*	58.0	453.6	79,000*				190
195	31.5	397.4	73,200*	36.6	411.7	74,800*	47.4	436.3	76,800*	56.3	450.3	76,100*				195
200	28.5	388.4	70,400*	34.1	404.5	71,900*	45.4	431.4	73,900*	54.5	446.7	73,300*				200
205	25.3	378.2	67,700*	31.4	396.4	69,200*	43.3	426.2	71,200*	52.7	443.0	70,700*				205
210	21.5	366.2	65,000*	28.5	387.5	66,700*	41.1	420.5	68,700*	50.9	438.9	68,100*				210
215	17.0	351.2	62,500*	25.2	377.2	64,200*	38.8	414.3	66,200*	49.0	434.6	65,700*	57.5	445.0	63,000*	215
220	10.6	329.5	55,900*	21.5	365.1	61,800*	36.4	407.6	63,800*	47.0	429.9	63,400*	55.8	441.6	60,800*	220
225				16.9	350.1	59,400*	33.9	400.3	61,600*	45.0	425.0	61,200*	54.0	438.0	58,600*	225
230				10.5	328.1	57,000*	31.2	392.2	59,400*	42.9	419.6	59,100*	52.2	434.1	56,600*	230
235							28.2	383.2	57,300*	40.7	413.9	57,000*	50.4	430.0	54,600*	235
240							24.9	372.8	55,300*	38.5	407.7	55,100*	48.5	425.6	52,700*	240
245							21.1	360.5	53,300*	36.0	400.9	53,200*	46.5	420.9	50,900*	245
250							16.5	345.1	51,300*	33.5	393.5	51,400*	44.4	415.8	49,200*	250
255							9.7	322.1	49,300*	30.7	385.2	49,600*	42.3	410.4	47,500*	255
260										27.7	376.0	47,900*	40.1	404.5	45,900*	260
265										24.3	365.3	46,200*	37.8	398.1	44,300*	265
270										20.4	352.7	44,600*	35.3	391.2	42,800*	270
275										15.6	336.5	42,900*	32.7	383.5	41,400*	275
280										8.1	310.8	41,200*	29.9	375.0	39,900*	280
285													26.8	365.4	38,500*	285
290													23.3	354.3	37,200*	290
295													19.2	340.9	35,800*	295
300													13.9	323.2	34,400*	300
305													3.4	286.8	32,800*	305

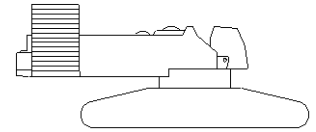


Liftcrane Luffing Jib Capacities

18000

**Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating**

**Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5**



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			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		
80	75.0	497.6	105,300*													80	
85	73.6	496.1	105,000*													85	
90	72.2	494.5	104,500*													90	
95	70.7	492.7	104,000*													95	
100	69.3	490.8	103,400*	72.1	493.7	104,700*										100	
105	67.8	488.8	102,900*	70.7	491.9	104,400*										105	
110	66.3	486.6	102,300*	69.2	490.0	104,300*										110	
115	64.8	484.2	101,700*	67.8	488.0	103,600*										115	
120	63.3	481.7	101,100*	66.3	485.7	103,100*										120	
125	61.7	479.0	99,700*	64.8	483.4	102,600*										125	
130	60.1	476.1	97,800*	63.2	480.9	102,100*										130	
135	58.5	473.1	95,900*	61.7	478.2	101,700*										135	
140	56.9	469.8	94,000*	60.1	475.3	101,200*	67.6	484.3	101,800*							140	
145	55.2	466.4	92,200*	58.5	472.2	100,700*	66.1	482.1	101,800*							145	
150	53.6	462.7	90,400*	56.9	469.0	98,900*	64.6	479.7	101,700*							150	
155	51.8	458.7	88,500*	55.2	465.5	97,100*	63.1	477.1	101,700*							155	
160	50.0	454.6	86,700*	53.5	461.8	95,200*	61.5	474.4	101,200*							160	
165	48.2	450.1	84,900*	51.8	457.9	93,400*	60.0	471.5	97,000*							165	
170	46.3	445.4	83,100*	50.0	453.7	91,000*	58.4	468.5	93,100*							170	
175	44.4	440.3	81,500*	48.2	449.2	87,400*	56.7	465.2	89,400*							175	
180	42.4	434.9	79,800*	46.3	444.5	83,900*	55.1	461.7	85,900*	62.8	471.1	85,000*				180	
185	40.3	429.0	78,300*	44.4	439.4	80,600*	53.4	458.0	82,600*	61.3	468.3	81,800*				185	
190	38.1	422.7	76,000*	42.3	434.0	77,500*	51.6	454.0	79,500*	59.7	465.4	78,700*				190	
195	35.8	415.9	73,100*	40.2	428.1	74,600*	49.9	449.8	76,500*	58.1	462.3	75,800*				195	
200	33.3	408.4	70,300*	38.0	421.8	71,800*	48.0	445.4	73,700*	56.5	459.0	73,000*				200	
205	30.7	400.1	67,600*	35.7	414.9	69,100*	46.1	440.6	71,000*	54.8	455.5	70,300*				205	
210	27.8	390.9	65,100*	33.3	407.4	66,500*	44.2	435.5	68,400*	53.1	451.7	67,800*				210	
215	24.6	380.4	62,600*	30.6	399.1	64,100*	42.2	430.0	66,000*	51.4	447.7	65,400*				215	
220	21.0	368.0	60,200*	27.8	389.9	61,700*	40.1	424.1	63,600*	49.6	443.5	63,100*	57.7	453.7	60,400*	220	
225	16.6	352.6	57,900*	24.6	379.3	59,500*	37.8	417.7	61,400*	47.7	439.0	60,900*	56.0	450.3	58,300*	225	
230	10.4	330.4	51,400*	20.9	366.9	57,300*	35.5	410.8	59,200*	45.8	434.1	58,800*	54.3	446.7	56,200*	230	
235				16.5	351.5	55,100*	33.0	403.3	57,200*	43.9	429.0	56,800*	52.6	442.9	54,300*	235	
240				10.2	329.0	52,900*	30.4	394.9	55,200*	41.8	423.4	54,800*	50.9	438.9	52,400*	240	
245							27.5	385.6	53,200*	39.7	417.5	53,000*	49.1	434.5	50,600*	245	
250							24.3	374.9	51,400*	37.5	411.0	51,100*	47.2	429.9	48,900*	250	
255							20.6	362.3	49,500*	35.1	404.0	49,400*	45.3	425.0	47,200*	255	
260							16.1	346.5	47,700*	32.6	396.3	47,700*	43.3	419.7	45,600*	260	
265								9.5	322.9	45,900*	29.9	387.9	46,100*	41.2	414.1	44,100*	265
270										27.0	378.3	44,500*	39.1	408.0	42,600*	270	
275										23.7	367.4	43,000*	36.8	401.4	41,100*	275	
280										19.9	354.4	41,400*	34.5	394.2	39,700*	280	
285										15.2	337.8	39,900*	31.9	386.3	38,400*	285	
290										7.9	311.4	38,300*	29.2	377.6	37,000*	290	
295													26.1	367.7	35,700*	295	
300													22.7	356.3	34,400*	300	
305													18.7	342.5	33,200*	305	
310													13.6	324.3	31,900*	310	

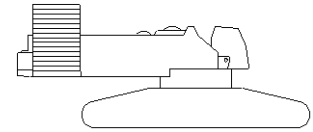


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating

**Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5**



280 Ft. Boom, 220 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			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	74.4	506.5	98,700*													85
90	73.0	505.0	98,500*													90
95	71.6	503.4	98,000*													95
100	70.2	501.5	97,400*	73.0	504.2	98,400*										100
105	68.8	499.6	97,000*	71.6	502.5	98,100*										105
110	67.4	497.5	96,500*	70.2	500.7	98,100*										110
115	66.0	495.3	96,000*	68.8	498.8	97,500*										115
120	64.6	492.9	95,400*	67.4	496.7	97,100*										120
125	63.1	490.4	94,900*	66.0	494.5	96,600*										125
130	61.6	487.7	93,300*	64.5	492.1	96,200*										130
135	60.1	484.8	91,700*	63.1	489.5	95,800*										135
140	58.6	481.7	90,000*	61.6	486.8	95,400*										140
145	57.1	478.5	88,300*	60.1	483.9	95,000*	67.3	493.0	95,300*							145
150	55.5	475.1	86,600*	58.6	480.9	94,500*	65.9	490.8	95,300*							150
155	53.9	471.4	84,900*	57.0	477.6	92,900*	64.4	488.4	95,300*							155
160	52.2	467.6	83,200*	55.4	474.2	91,200*	63.0	485.8	95,300*							160
165	50.5	463.5	81,600*	53.8	470.6	89,600*	61.5	483.1	95,100*							165
170	48.8	459.1	80,000*	52.2	466.7	87,900*	60.0	480.2	91,800*							170
175	47.0	454.5	78,400*	50.5	462.6	86,300*	58.4	477.1	88,100*							175
180	45.2	449.5	76,800*	48.8	458.2	82,900*	56.9	473.9	84,600*							180
185	43.3	444.2	75,300*	47.0	453.6	79,600*	55.3	470.4	81,300*	62.7	479.7	80,300*				185
190	41.3	438.6	73,800*	45.2	448.6	76,500*	53.7	466.7	78,200*	61.2	477.0	77,200*				190
195	39.3	432.5	72,200*	43.3	443.3	73,600*	52.0	462.9	75,300*	59.7	474.1	74,300*				195
200	37.2	426.0	69,400*	41.3	437.7	70,800*	50.4	458.7	72,400*	58.2	471.0	71,600*				200
205	34.9	419.0	66,800*	39.3	431.6	68,100*	48.6	454.3	69,800*	56.6	467.7	68,900*				205
210	32.5	411.2	64,200*	37.1	425.1	65,600*	46.8	449.7	67,200*	55.0	464.2	66,400*				210
215	29.9	402.7	61,800*	34.9	418.0	63,200*	45.0	444.7	64,800*	53.4	460.5	64,000*				215
220	27.1	393.2	59,500*	32.5	410.3	60,900*	43.1	439.4	62,500*	51.8	456.6	61,700*				220
225	24.0	382.4	57,300*	29.9	401.8	58,600*	41.1	433.7	60,300*	50.1	452.4	59,600*	57.8	462.4	56,700*	225
230	20.5	369.7	55,100*	27.1	392.3	56,500*	39.1	427.6	58,100*	48.3	448.0	57,500*	56.2	459.0	54,700*	230
235	16.2	354.0	53,000*	24.0	381.4	54,400*	36.9	421.0	56,100*	46.5	443.2	55,500*	54.6	455.5	52,800*	235
240	10.1	331.2	45,700*	20.4	368.7	52,400*	34.7	413.9	54,100*	44.7	438.2	53,500*	53.0	451.7	50,900*	240
245				16.1	352.8	50,400*	32.3	406.1	52,200*	42.8	432.9	51,700*	51.3	447.7	49,200*	245
250				9.9	329.8	47,600*	29.7	397.5	50,400*	40.8	427.1	49,900*	49.6	443.5	47,500*	250
255							26.8	387.9	48,600*	38.7	421.0	48,200*	47.8	439.0	45,800*	255
260							23.7	377.0	46,900*	36.6	414.3	46,500*	46.0	434.2	44,200*	260
265							20.1	364.0	45,200*	34.3	407.1	44,900*	44.2	429.0	42,700*	265
270							15.7	347.8	43,500*	31.8	399.1	43,400*	42.2	423.6	41,200*	270
275							9.2	323.6	41,800*	29.2	390.4	41,900*	40.2	417.7	39,800*	275
280										26.4	380.6	40,400*	38.1	411.4	38,400*	280
285										23.2	369.4	38,900*	35.9	404.6	37,100*	285
290										19.4	356.0	37,500*	33.6	397.2	35,800*	290
295										14.8	339.0	36,100*	31.1	389.1	34,500*	295
300										7.7	312.0	34,600*	28.5	380.1	33,200*	300
305													25.5	369.9	32,000*	305
310													22.2	358.2	30,800*	310
320													13.2	325.4	28,400*	320

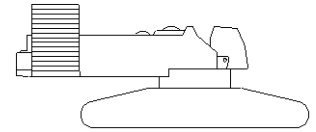


Liftcrane Luffing Jib Capacities

18000

**Luffing Jib No. 44 On
Boom No. 55-79A With 100 Ft. Mast No. 56
528,000 Lb. Crane Counterweight
320,000 Lb. Carbody Counterweight
360 Degree Rating**

**Designed And Tested
With The Intent To Be In
The Scope of ANSI B30.5**



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			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	
90	73.8	515.5	91,000*													90
95	72.5	513.9	90,800*													95
100	71.1	512.2	90,300*													100
105	69.8	510.4	89,900*	72.4	513.1	90,700*										105
110	68.5	508.4	89,500*	71.1	511.4	90,400*										110
115	67.1	506.2	89,000*	69.8	509.5	90,500*										115
120	65.8	504.0	88,600*	68.4	507.5	90,000*										120
125	64.4	501.6	88,200*	67.1	505.4	89,500*										125
130	63.0	499.0	87,700*	65.7	503.2	89,200*										130
135	61.6	496.3	86,800*	64.3	500.7	88,800*										135
140	60.1	493.5	85,300*	62.9	498.2	88,500*										140
145	58.7	490.4	83,800*	61.5	495.5	88,100*										145
150	57.2	487.2	82,300*	60.1	492.6	87,800*	67.0	501.7	88,100*							150
155	55.7	483.8	80,800*	58.6	489.6	87,400*	65.6	499.5	87,700*							155
160	54.1	480.2	79,300*	57.2	486.3	86,600*	64.2	497.0	87,700*							160
165	52.6	476.4	77,800*	55.6	482.9	85,200*	62.8	494.5	87,700*							165
170	51.0	472.3	76,400*	54.1	479.3	83,700*	61.4	491.7	87,700*							170
175	49.3	468.0	74,900*	52.5	475.5	82,200*	60.0	488.9	87,100*							175
180	47.6	463.5	73,500*	50.9	471.4	80,800*	58.5	485.8	83,600*							180
185	45.9	458.7	72,000*	49.3	467.1	78,800*	57.0	482.6	80,400*							185
190	44.1	453.5	70,700*	47.6	462.6	75,700*	55.5	479.1	77,300*	62.6	488.4	76,100*				190
195	42.3	448.1	69,400*	45.9	457.8	72,800*	54.0	475.5	74,300*	61.2	485.7	73,200*				195
200	40.4	442.2	68,100*	44.1	452.6	70,000*	52.4	471.6	71,500*	59.7	482.7	70,500*				200
205	38.4	436.0	66,100*	42.3	447.2	67,400*	50.8	467.6	68,900*	58.3	479.6	67,900*				205
210	36.3	429.3	63,600*	40.3	441.3	64,900*	49.2	463.3	66,300*	56.8	476.4	65,400*				210
215	34.1	422.0	61,200*	38.3	435.1	62,500*	47.5	458.7	63,900*	55.3	472.9	63,000*				215
220	31.8	414.0	58,900*	36.3	428.3	60,100*	45.7	453.9	61,600*	53.7	469.3	60,700*				220
225	29.2	405.3	56,700*	34.0	421.0	57,900*	43.9	448.7	59,400*	52.2	465.4	58,500*				225
230	26.5	395.6	54,600*	31.7	413.1	55,800*	42.1	443.2	57,300*	50.5	461.3	56,500*	57.9	471.0	53,600*	230
235	23.5	384.5	52,500*	29.2	404.3	53,800*	40.2	437.3	55,200*	48.9	456.9	54,500*	56.4	467.7	51,700*	235
240	20.0	371.5	50,500*	26.5	394.6	51,800*	38.2	431.0	53,300*	47.2	452.3	52,600*	54.8	464.2	49,800*	240
245	15.8	355.3	48,400*	23.4	383.5	49,900*	36.1	424.3	51,400*	45.5	447.4	50,700*	53.3	460.5	48,100*	245
250	9.9	332.0	41,500*	19.9	370.4	48,000*	33.9	416.9	49,600*	43.7	442.2	49,000*	51.7	456.5	46,400*	250
255				15.7	354.1	46,200*	31.5	408.9	47,800*	41.8	436.7	47,300*	50.1	452.4	44,800*	255
260				9.7	330.6	43,400*	29.0	400.1	46,100*	39.9	430.7	45,600*	48.4	448.0	43,200*	260
265							26.2	390.2	44,500*	37.8	424.4	44,000*	46.7	443.3	41,700*	265
270							23.2	379.0	42,900*	35.7	417.5	42,500*	45.0	438.3	40,200*	270
275							19.6	365.7	41,300*	33.5	410.0	41,000*	43.1	433.0	38,800*	275
280							15.3	349.1	39,800*	31.1	401.9	39,600*	41.3	427.3	37,400*	280
285							9.0	324.4	38,200*	28.6	392.9	38,200*	39.3	421.3	36,100*	285
290										25.8	382.9	36,800*	37.3	414.8	34,800*	290
295										22.6	371.3	35,500*	35.1	407.7	33,600*	295
300										19.0	357.7	34,100*	32.8	400.1	32,300*	300
305										14.5	340.2	32,800*	30.4	391.8	31,200*	305
310										7.5	312.6	31,400*	27.8	382.5	30,000*	310
320													21.7	360.1	27,800*	320
330													12.9	326.5	25,500*	330

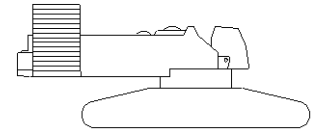


Liftcrane Luffing Jib Capacities

18000

Luffing Jib No. 44 On
 Boom No. 55-79A With 100 Ft. Mast No. 56
 528,000 Lb. Crane Counterweight
 320,000 Lb. Carbody Counterweight
 360 Degree Rating

Designed And Tested
 With The Intent To Be In
 The Scope of ANSI B30.5



280 Ft. Boom, 240 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			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	
90	74.5	525.9	85,500*													90
95	73.2	524.4	85,300*													95
100	72.0	522.8	85,100*													100
105	70.7	521.0	84,600*													105
110	69.4	519.1	84,200*	71.9	522.0	84,900*										110
115	68.1	517.1	83,800*	70.7	520.2	84,800*										115
120	66.8	515.0	83,400*	69.4	518.3	84,700*										120
125	65.5	512.7	83,000*	68.1	516.3	84,200*										125
130	64.2	510.3	82,600*	66.8	514.1	83,800*										130
135	62.9	507.7	82,200*	65.5	511.9	83,500*										135
140	61.5	505.0	81,300*	64.2	509.4	83,200*										140
145	60.1	502.1	80,000*	62.8	506.9	82,900*										145
150	58.7	499.1	78,600*	61.5	504.1	82,600*	68.0	512.6	82,000*							150
155	57.3	495.9	77,200*	60.1	501.3	82,200*	66.7	510.5	82,000*							155
160	55.9	492.5	75,900*	58.7	498.2	81,900*	65.4	508.2	82,000*							160
165	54.4	488.9	74,500*	57.3	495.0	81,400*	64.1	505.7	82,000*							165
170	52.9	485.1	73,200*	55.8	491.6	80,100*	62.7	503.1	82,000*							170
175	51.4	481.1	71,900*	54.4	488.0	78,700*	61.4	500.4	82,000*							175
180	49.8	476.9	70,500*	52.9	484.3	77,400*	60.0	497.5	81,800*							180
185	48.2	472.5	69,200*	51.3	480.3	76,100*	58.6	494.5	79,100*							185
190	46.6	467.8	67,900*	49.8	476.1	74,200*	57.2	491.2	76,000*							190
195	44.9	462.8	66,600*	48.2	471.6	71,800*	55.7	487.8	73,100*	62.5	497.1	71,800*				195
200	43.1	457.5	64,300*	46.5	466.9	69,000*	54.2	484.2	70,300*	61.1	494.3	69,100*				200
205	41.3	451.8	62,100*	44.9	461.9	66,400*	52.7	480.4	67,600*	59.8	491.4	66,500*				205
210	39.5	445.8	59,900*	43.1	456.6	63,900*	51.2	476.4	65,100*	58.3	488.3	64,000*				210
215	37.5	439.4	57,800*	41.3	450.9	61,500*	49.6	472.2	62,700*	56.9	485.1	61,600*				215
220	35.5	432.4	55,700*	39.4	444.9	59,200*	48.0	467.7	60,400*	55.5	481.6	59,400*				220
225	33.3	425.0	53,600*	37.5	438.5	57,000*	46.4	463.0	58,200*	54.0	478.0	57,200*				225
230	31.1	416.8	51,600*	35.4	431.5	54,900*	44.7	458.0	56,100*	52.5	474.2	55,100*				230
235	28.6	407.8	49,700*	33.3	424.0	52,900*	43.0	452.6	54,100*	51.0	470.1	53,200*	58.0	479.7	50,200*	235
240	25.9	397.8	47,800*	31.0	415.8	50,900*	41.2	446.9	52,200*	49.4	465.9	51,300*	56.5	476.4	48,400*	240
245	23.0	386.5	46,000*	28.6	406.8	49,000*	39.3	440.9	50,300*	47.8	461.3	49,400*	55.1	472.9	46,600*	245
250	19.6	373.1	44,200*	25.9	396.8	47,200*	37.3	434.4	48,500*	46.1	456.5	47,700*	53.6	469.2	44,900*	250
255	15.4	356.6	42,600*	22.9	385.4	45,500*	35.3	427.4	46,800*	44.4	451.5	46,000*	52.1	465.4	43,300*	255
260	9.6	332.8	37,500*	19.5	372.1	43,700*	33.1	419.9	45,100*	42.7	446.1	44,400*	50.5	461.2	41,800*	260
265				15.4	355.4	42,000*	30.8	411.6	43,500*	40.9	440.4	42,800*	48.9	456.9	40,300*	265
270				9.5	331.4	39,200*	28.3	402.6	41,900*	39.0	434.2	41,300*	47.3	452.3	38,800*	270
275							25.6	392.4	40,400*	37.0	427.7	39,800*	45.7	447.5	37,400*	275
280							22.6	380.9	38,900*	34.9	420.6	38,400*	43.9	442.3	36,100*	280
285							19.2	367.3	37,500*	32.8	412.9	37,000*	42.2	436.8	34,800*	285
290							15.0	350.3	36,000*	30.4	404.6	35,700*	40.3	431.0	33,500*	290
295							8.8	325.1	34,500*	27.9	395.4	34,400*	38.4	424.7	32,300*	295
300										25.2	385.0	33,100*	36.4	418.0	31,100*	300
305										22.1	373.2	31,900*	34.3	410.8	29,900*	305
310										18.6	359.2	30,600*	32.1	403.0	28,800*	310
320										7.3	313.2	28,100*	27.2	384.9	26,600*	320
330													21.2	361.9	24,500*	330
340													12.6	327.5	22,400*	340