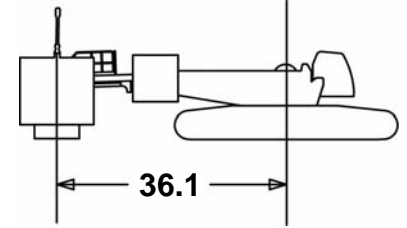


Liftcrane Luffing Jib Capacities

**Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
137,850 lb Hanging Counterweight
at 36.1 ft Position
360 Degree Rating**



16000 MAX-ER

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

Luffing Jib Backward Stability: Capacities indicated by (b) require 9,500 lb minimum weight suspended beneath luffing jib point. Capacities indicated by (c) require 16,000 lb minimum weight suspended beneath luffing jib point. Capacities indicated by (d) require 27,000 lb minimum weight suspended beneath luffing jib point. **Caution: Do not luff into areas indicated by (b), (c), or (d) without required minimum weights.** Luffing jib will not luff down and luffing hoist wire rope may overhaul luffing jib and cause luffing hoist to go slack causing wire rope damage or failure.

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

Upper luffing jib point capacity for liftcrane service with single part whip line is 30,000 lb or 60,000 lb with two part whip line. In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib 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. Refer to luffing jib assembly **No. A13416**, Wire Rope Specification chart **No. 8771-A**, Counterweight Arrangement chart **No. 8682-A**, Luffing Jib Raising Procedure chart **No. 8761-B**, and Wind Conditions chart **No. 8688-A**.

Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to Operator's Manual for operating guidelines.

MACHINE TRAVEL: Machine to travel on a firm, level and uniformly supporting surface with boom and luffing jib within angle range shown in capacity chart. Refer to Swing and Travel Specification chart **No. 8762-B**.

OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block.

BOOM ANGLE: Boom angle in degrees ($^{\circ}$) is angle between horizontal and centerline of boom butt and inserts.

LUFFING JIB ANGLE: Luffing jib angle in degrees ($^{\circ}$) is angle between horizontal and centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

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

MACHINE EQUIPMENT: Machine equipped with MAX-ER, 34 ft crawlers, 60 in. treads, 32 ft live mast, 98.4 ft mast, 12 part boom hoist reeving, boom support straps, 17 part luffing jib hoist reeving, luffing jib and backstay support straps, 332,000 lb crane counterweight, two 30,000 lb and four 15,000 lb carbody counterweights, and hanging counterweight as specified.

WARNING: Check amount of crane counterweight and hanging counterweight on machine before use of this chart. Refer to Operator's Manual for counterweight identification.

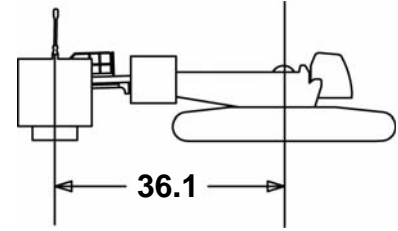
Boom and/or Jib Catwalks Deduct

Deduct 1,200 lb from capacities when boom and/or jib catwalks are attached.



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
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 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



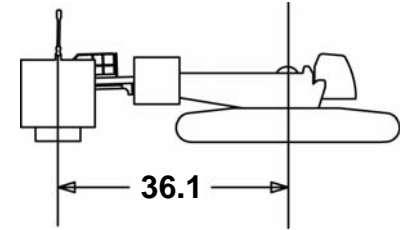
16000 MAX-ER

137.8 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
45	71.6	221.4	267,800	408,900*c									45
50	67.7	219.4	234,600	364,900*b									50
55	63.6	216.9	208,200	328,000*b	69.5	219.5	196,900	402,300*b					55
60	59.4	214.0	186,800	298,500*b	65.5	217.2	176,600	382,600*b					60
65	55.0	210.5	169,100	274,700*	61.3	214.5	159,800	351,100*b	67.2	217.0	150,600	344,600*b	65
70	50.3	206.4	154,100	255,100*	57.0	211.3	145,700	322,600*	63.2	214.5	137,200	316,100b	70
75	45.2	201.6	141,300	239,000*	52.4	207.5	133,600	296,200	58.9	211.5	125,800	289,800b	75
80	39.6	195.7	130,100	225,800*	47.5	203.0	123,000	273,200	54.5	208.0	115,800	267,300	80
85	33.2	188.5	120,300	215,300*	42.2	197.7	113,800	253,400	49.7	203.9	107,200	247,900	85
90	25.3	178.8	111,600	207,800*	36.2	191.1	105,700	236,000	44.6	198.9	99,500	231,000	90
95	13.0	162.7	103,400	172,900*	29.1	182.7	98,300	220,700	38.9	192.9	92,600	216,000	95
100					19.6	170.6	91,500	204,500*	32.4	185.4	86,400	202,700	100
105									24.2	175.4	80,700	190,800	105
110									10.6	157.4	75,200	179,800	110
115													115
120													120
125													125
130													130
135													135
140													140
145													145

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



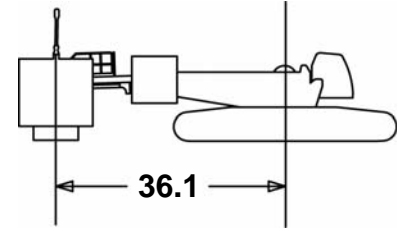
16000 MAX-ER

137.8 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
45													45
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85	60.5	209.8	95,900	238,700 ^b									85
90	56.1	206.5	89,000	222,400									90
95	51.5	202.6	82,900	208,100									95
100	46.5	197.9	77,400	195,400	57.5	203.6	68,200	187,900					100
105	41.1	192.3	72,400	184,000	52.9	199.9	63,700	177,000					105
110	34.9	185.5	67,800	173,700	48.1	195.5	59,700	167,200					110
115	27.5	176.6	63,500	164,300	42.8	190.2	56,000	158,300					115
120	17.0	163.1	59,400	155,700	36.9	183.8	52,500	150,200	49.2	191.7	45,300	144,400	120
125					29.9	175.7	49,300	142,700	44.0	186.6	42,500	137,300	125
130					20.8	164.1	46,200	135,800	38.3	180.5	39,900	130,700	130
135									31.6	172.8	37,400	124,700	135
140									23.1	162.3	35,000	119,000	140
145									7.4	141.3	32,400	113,500	145

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
137,850 lb Hanging Counterweight
at 36.1 ft Position
360 Degree Rating



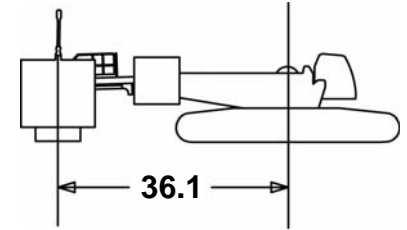
16000 MAX-ER

137.8 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
50	72.4	240.5	234,800	362,200*b									50
55	69.2	238.6	208,300	331,100*b									55
60	66.1	236.4	186,800	299,500*b	70.6	238.7	176,200	357,400*b					60
65	62.8	233.9	169,000	273,900*	67.5	236.6	159,400	345,700*b					65
70	59.4	230.9	154,000	252,800*	64.3	234.2	145,200	322,400					70
75	55.9	227.6	141,200	235,200*	60.9	231.5	133,100	295,600	65.7	234.1	125,000	288,900b	75
80	52.3	223.8	130,200	220,300*	57.5	228.3	122,700	272,600	62.4	231.5	115,100	266,500	80
85	48.4	219.4	120,500	207,700*	53.9	224.7	113,500	252,900	59.0	228.5	106,500	247,100	85
90	44.3	214.4	112,000	197,000*	50.1	220.6	105,500	235,600	55.5	225.1	98,900	230,300	90
95	39.8	208.5	104,400	188,000*	46.1	215.9	98,300	220,400	51.8	221.2	92,100	215,400	95
100	34.8	201.6	97,600	180,600*	41.8	210.4	91,900	207,000	47.9	216.8	86,100	202,300	100
105	29.0	193.1	91,400	174,800*	37.1	204.0	86,100	194,900	43.8	211.7	80,600	190,500	105
110	21.9	181.8	85,700	165,500*	31.8	196.3	80,800	184,000	39.2	205.7	75,700	179,900	110
115	10.3	162.6	80,200	136,400*	25.3	186.5	75,900	174,200	34.2	198.6	71,100	170,300	115
120					16.6	172.3	71,200	156,500*	28.3	189.9	66,900	161,600	120
125									20.9	178.1	63,000	153,600	125
130									7.8	156.2	59,000	142,600*	130
135													135
140													140
145													145
150													150
155													155
160													160
165													165

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

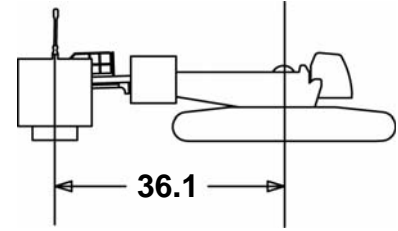
137.8 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95	60.3	226.7	81,900	207,100									95
100	56.8	223.5	76,400	194,500									100
105	53.2	219.8	71,500	183,200									105
110	49.4	215.6	67,100	173,000	57.9	220.6	58,500	166,100					110
115	45.3	210.7	63,000	163,800	54.3	217.1	54,900	157,300					115
120	40.9	205.1	59,300	155,500	50.5	213.0	51,600	149,300					120
125	36.1	198.4	55,800	147,800	46.6	208.4	48,500	142,000					125
130	30.6	190.4	52,600	140,800	42.3	203.0	45,700	135,200	51.4	209.1	38,800	129,700	130
135	23.9	180.0	49,600	134,300	37.6	196.7	43,000	129,100	47.5	204.6	36,400	123,800	135
140	14.2	164.2	46,600	128,100	32.3	189.1	40,600	123,300	43.3	199.4	34,300	118,300	140
145					26.1	179.6	38,200	118,000	38.7	193.3	32,300	113,300	145
150					17.7	166.1	35,900	112,900	33.6	186.1	30,300	108,500	150
155									27.6	177.1	28,500	104,100	155
160									19.9	164.9	26,700	99,800	160
165									3.1	136.5	24,500	95,600	165



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



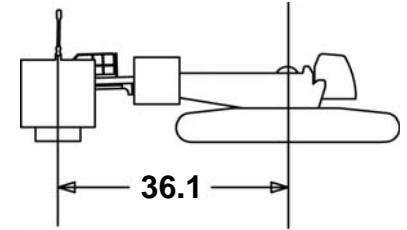
16000 MAX-ER

137.8 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
55	72.8	259.6	207,700	321,000*b									55
60	70.3	257.8	186,100	305,000*b									60
65	67.7	255.8	168,200	277,100*									65
70	65.0	253.5	153,200	254,300*	68.8	255.9	144,000	308,300*					70
75	62.2	250.8	140,300	235,400*	66.2	253.7	131,900	294,300					75
80	59.4	247.9	129,300	219,400*	63.5	251.2	121,400	271,500	67.4	253.4	113,600	265,100	80
85	56.5	244.6	119,600	205,800*	60.7	248.4	112,300	251,700	64.7	251.1	105,000	245,800	85
90	53.5	241.0	111,100	194,100*	57.8	245.3	104,300	234,500	61.9	248.4	97,400	229,000	90
95	50.4	236.9	103,600	183,900*	54.9	241.8	97,200	219,400	59.1	245.5	90,700	214,200	95
100	47.1	232.3	96,900	175,200*	51.8	237.9	90,800	205,900	56.2	242.1	84,700	201,000	100
105	43.6	227.1	90,800	167,500*	48.6	233.6	85,100	194,000	53.2	238.4	79,300	189,300	105
110	39.9	221.3	85,300	161,000*	45.2	228.7	79,900	183,200	50.0	234.3	74,400	178,800	110
115	35.8	214.5	80,200	155,500*	41.6	223.1	75,100	173,400	46.7	229.6	70,000	169,300	115
120	31.3	206.6	75,600	150,900*	37.7	216.8	70,800	164,600	43.2	224.4	65,900	160,700	120
125	26.0	196.9	71,300	144,600*	33.4	209.5	66,800	156,500	39.4	218.5	62,100	152,800	125
130	19.3	184.2	67,300	130,400*	28.5	200.7	63,100	148,800*	35.3	211.6	58,700	145,500	130
135	8.1	161.6	63,300	107,600*	22.6	189.6	59,600	140,400*	30.7	203.5	55,400	138,900	135
140					14.4	173.5	56,200	124,100*	25.3	193.6	52,400	132,700	140
145									18.4	180.3	49,500	126,900	145
150									5.1	153.4	46,400	112,500*	150
155													155
160													160
165													165
170													170
175													175
180													180

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
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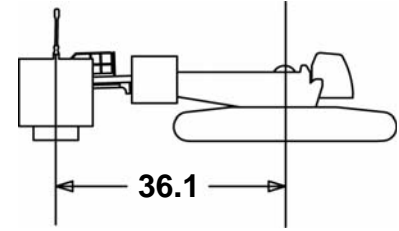
16000 MAX-ER

137.8 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100	62.9	246.6	74,600	192,900									100
105	60.1	243.7	69,800	181,700									105
110	57.3	240.5	65,400	171,600									110
115	54.3	236.9	61,400	162,400									115
120	51.2	232.9	57,700	154,100									120
125	47.9	228.5	54,400	146,600	55.2	234.1	46,600	140,400					125
130	44.5	223.5	51,300	139,600	52.1	230.3	43,900	133,800					130
135	40.8	217.8	48,400	133,200	48.9	226.0	41,300	127,600					135
140	36.9	211.3	45,700	127,300	45.6	221.2	39,000	122,000	52.8	226.3	32,300	116,700	140
145	32.4	203.7	43,200	121,900	42.0	215.7	36,700	116,700	49.7	222.1	30,400	111,700	145
150	27.4	194.6	40,800	116,700	38.1	209.5	34,700	111,900	46.3	217.4	28,500	107,000	150
155	21.2	182.8	38,500	111,900	33.8	202.3	32,700	107,300	42.8	212.1	26,800	102,700	155
160	12.0	164.6	36,200	107,300	29.0	193.7	30,800	103,000	39.0	206.1	25,200	98,600	160
165					23.2	182.9	29,000	99,000	34.8	199.1	23,700	94,800	165
170					15.4	167.6	27,200	95,200	30.2	190.9	22,200	91,200	170
175									24.7	180.7	20,800	87,800	175
180									17.5	166.8	19,300	84,500	180

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
137,850 lb Hanging Counterweight
at 36.1 ft Position
360 Degree Rating



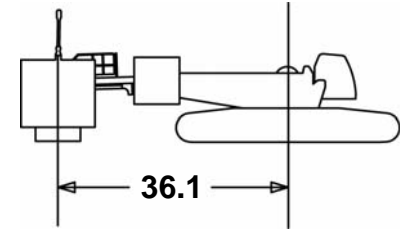
16000 MAX-ER

137.8 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60	73.2	278.7	185,600	285,600* ^b									60
65	71.0	277.0	167,600	277,600*									65
70	68.8	275.0	152,500	259,300*									70
75	66.5	272.9	139,600	238,700*	69.8	275.1	130,900	275,800*					75
80	64.2	270.5	128,500	221,400*	67.5	273.0	120,500	268,800*					80
85	61.8	267.8	118,800	206,800*	65.2	270.7	111,300	250,700					85
90	59.4	264.9	110,300	194,200*	62.9	268.2	103,300	233,500	66.2	270.5	96,200	227,800	90
95	57.0	261.6	102,800	183,200*	60.5	265.4	96,200	218,400	63.9	268.1	89,500	213,100	95
100	54.4	258.1	96,100	173,700*	58.1	262.3	89,800	205,000	61.6	265.4	83,500	200,000	100
105	51.8	254.2	90,000	165,300*	55.6	258.9	84,100	193,000	59.2	262.4	78,200	188,300	105
110	49.0	249.9	84,500	158,000*	53.0	255.1	78,900	182,300	56.7	259.2	73,300	177,800	110
115	46.2	245.1	79,600	151,500*	50.3	251.0	74,200	172,600	54.1	255.6	68,900	168,300	115
120	43.1	239.9	75,000	145,800*	47.5	246.5	69,900	163,800	51.5	251.6	64,800	159,700	120
125	39.9	234.0	70,800	140,800*	44.5	241.4	66,000	155,700	48.7	247.3	61,100	151,900	125
130	36.5	227.4	67,000	136,400*	41.4	235.9	62,300	148,400	45.8	242.5	57,700	144,700	130
135	32.7	219.9	63,400	129,000*	38.1	229.6	59,000	141,600	42.8	237.2	54,600	138,100	135
140	28.5	211.1	60,000	122,200*	34.5	222.5	55,900	134,400*	39.6	231.2	51,600	131,900	140
145	23.6	200.3	56,900	116,400*	30.5	214.4	52,900	127,500*	36.1	224.5	48,900	126,300	145
150	17.3	186.1	53,900	105,700*	25.9	204.6	50,200	121,000*	32.3	216.9	46,300	121,000	150
155	6.0	159.4	50,800	86,500*	20.4	192.3	47,500	114,300*	28.0	207.9	43,900	116,100	155
160					12.6	174.1	44,900	101,000*	23.0	196.9	41,600	111,500	160
165									16.5	182.1	39,300	107,100	165
170													170
175													175
180													180
185													185
190													190
195													195
200													200

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

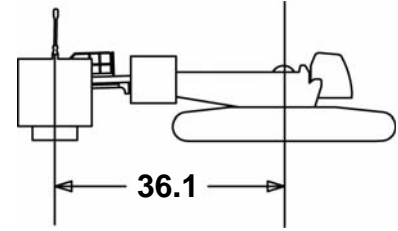
137.8 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110	62.4	263.5	64,000	170,300									110
115	60.0	260.6	60,000	161,200									115
120	57.6	257.5	56,400	153,000									120
125	55.1	254.0	53,100	145,400									125
130	52.4	250.2	50,000	138,500									130
135	49.7	246.0	47,200	132,200	55.8	251.2	39,900	126,400					135
140	46.9	241.4	44,500	126,300	53.2	247.5	37,500	120,800					140
145	43.9	236.3	42,100	120,900	50.6	243.4	35,400	115,600					145
150	40.8	230.6	39,800	115,900	47.8	238.9	33,300	110,800					150
155	37.4	224.2	37,700	111,200	44.8	234.0	31,400	106,300	51.2	239.5	25,300	101,400	155
160	33.7	216.9	35,600	106,800	41.7	228.4	29,700	102,100	48.4	235.1	23,800	97,400	160
165	29.6	208.4	33,700	102,600	38.4	222.3	28,000	98,100	45.5	230.2	22,300	93,600	165
170	24.9	198.3	31,900	98,800	34.9	215.3	26,400	94,400	42.5	224.9	20,900	90,100	170
175	19.1	185.2	30,100	95,100	30.9	207.2	24,800	90,900	39.2	218.9	19,600	86,800	175
180	10.2	164.5	28,200	91,500	26.4	197.7	23,400	87,600	35.7	212.1	18,300	83,600	180
185					21.0	185.7	21,900	84,500	31.8	204.3	17,100	80,700	185
190					13.6	168.5	20,500	81,400	27.5	195.1	15,900	77,800	190
195									22.4	183.8	14,800	75,100	195
200									15.6	168.3	13,600	72,500	200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



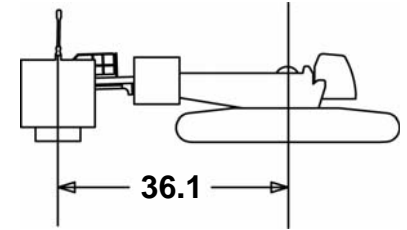
16000 MAX-ER

137.8 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	73.5	297.8	166,600	255,600*									65
70	71.5	296.1	151,400	249,200*									70
75	69.6	294.2	138,500	242,900*									75
80	67.6	292.2	127,400	225,300*	70.5	294.2	119,000	247,400*					80
85	65.6	289.9	117,600	209,300*	68.5	292.3	109,900	241,700*					85
90	63.6	287.5	109,100	195,700*	66.5	290.1	101,800	232,200					90
95	61.5	284.8	101,600	183,900*	64.5	287.7	94,700	217,100	67.4	289.9	87,800	211,600	95
100	59.4	281.8	94,800	173,700*	62.5	285.1	88,300	203,700	65.4	287.6	81,900	198,500	100
105	57.3	278.6	88,800	164,800*	60.4	282.3	82,600	191,800	63.4	285.1	76,500	186,900	105
110	55.1	275.1	83,300	156,900*	58.3	279.2	77,500	181,000	61.3	282.4	71,600	176,400	110
115	52.8	271.4	78,300	149,900*	56.1	275.9	72,800	171,400	59.2	279.4	67,200	166,900	115
120	50.4	267.3	73,800	143,600*	53.8	272.3	68,500	162,600	57.0	276.2	63,200	158,400	120
125	48.0	262.8	69,600	138,100*	51.5	268.3	64,600	154,500	54.8	272.6	59,500	150,500	125
130	45.5	258.0	65,800	133,100*	49.1	264.0	61,000	147,200	52.5	268.9	56,200	143,400	130
135	42.8	252.6	62,300	127,200*	46.6	259.3	57,700	140,400	50.2	264.7	53,000	136,800	135
140	40.0	246.8	59,000	120,200*	44.0	254.2	54,600	134,200*	47.7	260.2	50,100	130,700	140
145	37.0	240.3	55,900	113,800*	41.3	248.6	51,700	127,300*	45.2	255.3	47,400	125,100	145
150	33.8	233.0	53,100	108,000*	38.4	242.4	49,000	121,100*	42.5	249.9	44,900	119,800	150
155	30.3	224.7	50,400	102,700*	35.3	235.5	46,500	115,200*	39.7	244.0	42,600	115,000	155
160	26.3	215.0	47,900	98,000*	31.9	227.7	44,100	109,800*	36.7	237.4	40,300	110,400	160
165	21.7	203.3	45,400	94,000*	28.2	218.7	41,900	104,700*	33.4	230.0	38,200	106,200	165
170	15.7	187.7	43,100	86,600*	23.9	208.0	39,700	99,900*	29.9	221.6	36,300	102,200	170
175	3.8	155.4	40,600	69,200*	18.6	194.5	37,700	93,800*	25.8	211.7	34,400	98,400	175
180					11.0	174.3	35,600	83,000*	21.1	199.7	32,500	94,800	180
185									14.9	183.4	30,800	90,800*	185
190													190
195													195
200													200
205													205
210													210
215													215
220													220

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

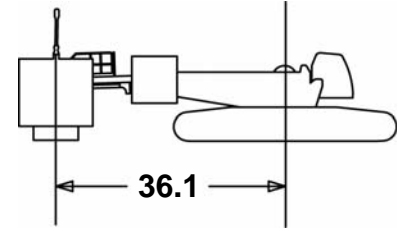
137.8 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120	62.1	280.5	54,500	151,400									120
125	60.0	277.6	51,200	143,900									125
130	57.8	274.5	48,200	137,000									130
135	55.6	271.1	45,400	130,700									135
140	53.4	267.4	42,800	124,900									140
145	51.0	263.4	40,400	119,500	56.3	268.2	33,400	114,000					145
150	48.6	259.0	38,100	114,500	54.1	264.6	31,400	109,200					150
155	46.1	254.2	36,000	109,800	51.7	260.7	29,500	104,700					155
160	43.5	249.0	34,000	105,400	49.4	256.5	27,800	100,500					160
165	40.7	243.3	32,200	101,400	46.9	251.8	26,100	96,600	52.3	256.7	20,200	92,000	165
170	37.8	237.0	30,400	97,500	44.3	246.7	24,600	93,000	49.9	252.6	18,900	88,500	170
175	34.6	229.9	28,700	93,900	41.6	241.2	23,100	89,500	47.4	248.0	17,600	85,200	175
180	31.2	221.9	27,200	90,500	38.7	235.1	21,700	86,300	44.9	243.1	16,400	82,100	180
185	27.4	212.6	25,600	87,300	35.6	228.2	20,400	83,200	42.2	237.6	15,200	79,200	185
190	22.9	201.5	24,200	84,300	32.3	220.5	19,200	80,300	39.3	231.6	14,200	76,400	190
195	17.4	187.1	22,700	81,300	28.6	211.7	17,900	77,500	36.3	224.9	13,100	73,800	195
200	8.7	163.8	21,200	78,500	24.3	201.2	16,800	74,900	33.0	217.5	12,100	71,300	200
205					19.2	188.1	15,600	72,400	29.4	208.9	11,100	68,900	205
210					12.1	169.0	14,400	69,900	25.4	198.9	10,200	66,600	210
215									20.5	186.5	9,200	64,400	215
220									14.0	169.4	8,300	62,300	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



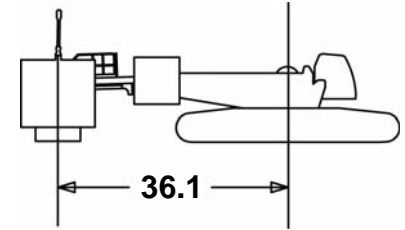
16000 MAX-ER

137.8 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	73.7	316.8	150,600	213,200*									70
75	72.0	315.2	137,600	212,800*									75
80	70.3	313.4	126,400	209,100*									80
85	68.5	311.4	116,600	202,600*									85
90	66.8	309.3	108,100	195,000*	69.3	311.5	100,600	205,400*					90
95	65.0	307.0	100,500	187,200*	67.5	309.4	93,500	202,300*					95
100	63.2	304.4	93,700	176,300*	65.8	307.2	87,100	196,600*					100
105	61.3	301.7	87,700	166,600*	64.0	304.7	81,400	190,600*	66.6	307.0	75,100	185,700	105
110	59.4	298.8	82,200	158,000*	62.1	302.1	76,200	179,900	64.8	304.6	70,300	175,200	110
115	57.5	295.6	77,200	150,400*	60.3	299.3	71,500	170,300	63.0	302.0	65,900	165,800	115
120	55.6	292.2	72,700	143,700*	58.4	296.2	67,300	161,500	61.1	299.3	61,900	157,200	120
125	53.6	288.5	68,500	137,600*	56.5	292.9	63,400	153,500	59.2	296.3	58,200	149,400	125
130	51.5	284.6	64,700	132,100*	54.5	289.4	59,800	146,100	57.3	293.1	54,800	142,200	130
135	49.4	280.3	61,200	125,300*	52.4	285.5	56,400	139,400	55.3	289.7	51,700	135,600	135
140	47.2	275.7	57,900	118,800*	50.3	281.4	53,400	133,200	53.3	286.0	48,800	129,600	140
145	44.9	270.8	54,900	112,700*	48.2	277.0	50,500	127,100*	51.3	282.0	46,100	124,000	145
150	42.5	265.4	52,100	107,000*	45.9	272.2	47,900	120,900*	49.1	277.7	43,600	118,800	150
155	40.0	259.5	49,400	101,600*	43.6	267.0	45,400	115,000*	46.9	273.1	41,300	113,900	155
160	37.4	253.1	46,900	96,700*	41.2	261.4	43,000	109,700*	44.6	268.1	39,100	109,400	160
165	34.6	246.0	44,600	92,200*	38.6	255.2	40,800	104,600*	42.3	262.7	37,100	105,200	165
170	31.6	238.1	42,400	88,000*	35.9	248.4	38,800	99,900*	39.7	256.7	35,100	101,200	170
175	28.2	229.1	40,300	84,200*	33.0	240.9	36,800	95,500*	37.1	250.2	33,300	97,500	175
180	24.5	218.6	38,300	80,900*	29.8	232.4	35,000	91,400*	34.3	243.1	31,600	93,900	180
185	20.1	205.9	36,400	78,100*	26.2	222.7	33,200	87,500*	31.2	235.0	29,900	90,600	185
190	14.3	188.8	34,500	71,900*	22.2	211.1	31,500	83,700*	27.8	225.9	28,300	87,500	190
195					17.1	196.4	29,800	78,100*	24.0	215.2	26,800	84,500	195
200					9.7	174.0	28,100	68,900*	19.5	202.1	25,300	81,600	200
205									13.5	184.3	23,900	75,700*	205
210													210
215													215
220													220
225													225
230													230
235													235
240													240

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

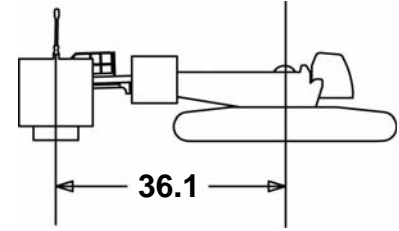
137.8 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130	61.8	297.4	46,600	135,700									130
135	59.9	294.5	43,900	129,400									135
140	58.0	291.4	41,300	123,600									140
145	56.1	288.1	38,900	118,300									145
150	54.1	284.5	36,700	113,300									150
155	52.0	280.6	34,600	108,600	56.7	285.2	27,900	103,400					155
160	49.9	276.4	32,600	104,300	54.7	281.7	26,200	99,200					160
165	47.7	271.9	30,800	100,200	52.6	277.9	24,600	95,400					165
170	45.5	267.1	29,100	96,400	50.6	273.8	23,100	91,700					170
175	43.1	261.8	27,400	92,800	48.4	269.4	21,600	88,300					175
180	40.7	256.1	25,900	89,500	46.2	264.7	20,300	85,100	51.0	269.9	14,800	80,800	180
185	38.1	249.8	24,400	86,300	43.9	259.5	19,000	82,000	48.9	265.6	13,700	77,900	185
190	35.3	242.9	23,000	83,300	41.4	253.9	17,800	79,200	46.7	260.9	12,600	75,100	190
195	32.3	235.2	21,700	80,400	38.9	247.8	16,600	76,400	44.4	255.8	11,600	72,500	195
200	29.1	226.5	20,400	77,700	36.2	241.1	15,500	73,900	42.0	250.4	10,600	70,100	200
205	25.5	216.4	19,200	75,200	33.3	233.7	14,400	71,400	39.5	244.4	9,700	67,700	205
210	21.2	204.4	18,000	72,700	30.1	225.3	13,400	69,100	36.8	237.8	8,800	65,500	210
215	15.9	188.7	16,800	70,300	26.6	215.7	12,400	66,800	33.9	230.5	8,000	63,300	215
220	7.3	162.5	15,500	67,900	22.6	204.4	11,400	64,700	30.9	222.4	7,100	61,300	220
225					17.7	190.1	10,400	62,600	27.4	213.1	6,300	59,400	225
230					10.7	169.1	9,400	60,600	23.6	202.2	5,500	57,500	230
235									18.9	188.8	4,700	55,700	235
240									12.7	170.1	3,900	53,900	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

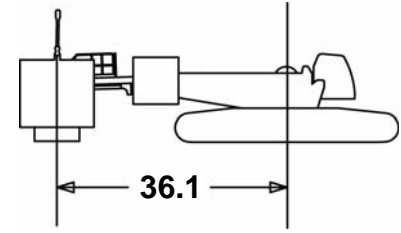
137.8 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	73.8	335.9	136,400	176,300*									75
80	72.3	334.3	125,100	175,600*									80
85	70.8	332.5	115,400	174,900*									85
90	69.2	330.6	106,800	174,100*									90
95	67.6	328.6	99,200	169,100*	69.9	330.7	91,900	168,700*					95
100	66.0	326.4	92,400	163,400*	68.3	328.7	85,600	168,400*					100
105	64.4	324.0	86,300	157,400*	66.8	326.5	79,800	167,900*					105
110	62.8	321.4	80,800	151,400*	65.2	324.2	74,700	164,600*	67.5	326.3	68,500	160,000*	110
115	61.1	318.7	75,800	145,200*	63.5	321.7	70,000	158,900*	65.9	324.0	64,200	160,000*	115
120	59.4	315.7	71,300	139,100*	61.9	319.1	65,700	153,300*	64.2	321.6	60,100	155,800	120
125	57.7	312.6	67,100	133,000*	60.2	316.2	61,800	147,500*	62.6	319.0	56,500	148,000	125
130	56.0	309.2	63,300	127,100*	58.5	313.2	58,200	142,000*	60.9	316.3	53,100	140,800	130
135	54.2	305.6	59,800	121,300*	56.8	309.9	54,900	136,600*	59.3	313.3	50,000	134,300	135
140	52.3	301.8	56,500	115,700*	55.0	306.4	51,800	131,300*	57.5	310.1	47,100	128,200	140
145	50.5	297.7	53,500	110,300*	53.2	302.7	49,000	126,000*	55.8	306.7	44,500	122,600	145
150	48.5	293.3	50,700	105,100*	51.3	298.7	46,300	119,800*	54.0	303.1	42,000	117,400	150
155	46.5	288.6	48,100	100,200*	49.4	294.5	43,900	114,000*	52.1	299.3	39,700	112,600	155
160	44.5	283.6	45,600	95,600*	47.4	289.9	41,500	108,600*	50.2	295.1	37,500	108,100	160
165	42.3	278.1	43,300	91,200*	45.4	285.0	39,400	103,600*	48.3	290.7	35,500	103,800	165
170	40.1	272.3	41,100	87,100*	43.3	279.8	37,300	99,000*	46.3	286.0	33,500	99,900	170
175	37.7	265.9	39,100	83,200*	41.1	274.1	35,400	94,600*	44.2	280.9	31,700	96,200	175
180	35.2	259.0	37,100	79,700*	38.8	268.0	33,600	90,600*	42.1	275.4	30,000	92,700	180
185	32.6	251.3	35,300	76,400*	36.4	261.3	31,800	86,700*	39.8	269.5	28,400	89,400	185
190	29.7	242.8	33,500	73,300*	33.8	254.0	30,200	83,100*	37.4	263.1	26,900	86,300	190
195	26.5	233.1	31,800	70,600*	31.0	245.9	28,600	79,700*	34.9	256.0	25,400	83,300	195
200	22.9	221.8	30,200	68,100*	28.0	236.7	27,100	76,400*	32.2	248.3	24,000	80,500	200
205	18.7	208.1	28,700	66,000*	24.6	226.3	25,700	73,300*	29.3	239.6	22,700	77,800	205
210	13.1	189.7	27,100	59,700*	20.7	213.8	24,300	70,300*	26.1	229.8	21,400	74,900*	210
215					15.9	198.0	22,900	65,000*	22.5	218.4	20,100	71,800*	215
220					8.5	173.3	21,500	57,100*	18.1	204.3	18,900	68,900*	220
225									12.3	184.9	17,700	63,100*	225
230													230
235													235
240													240
245													245
250													250
255													255
260													260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

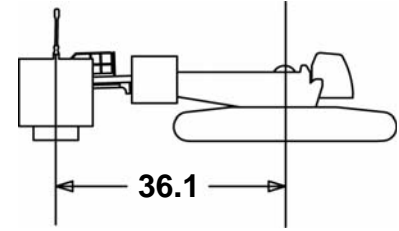
137.8 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140	61.5	314.4	39,400	122,100									140
145	59.9	311.5	37,000	116,700									145
150	58.2	308.4	34,800	111,700									150
155	56.4	305.1	32,700	107,100									155
160	54.6	301.6	30,800	102,800									160
165	52.8	297.8	29,000	98,700	56.9	302.2	22,600	93,700					165
170	50.9	293.8	27,300	95,000	55.2	298.8	21,100	90,100					170
175	49.0	289.5	25,700	91,400	53.4	295.1	19,700	86,700					175
180	47.0	284.8	24,100	88,100	51.5	291.1	18,300	83,500					180
185	45.0	279.9	22,700	84,900	49.6	286.9	17,100	80,500					185
190	42.9	274.5	21,300	81,900	47.6	282.4	15,900	77,600	51.9	287.1	10,500	73,500	190
195	40.6	268.8	20,000	79,100	45.6	277.5	14,700	74,900	50.0	283.0	9,500	70,900	195
200	38.3	262.6	18,800	76,400	43.5	272.3	13,700	72,400	48.1	278.5	8,600	68,400	200
205	35.9	255.8	17,600	73,900	41.3	266.7	12,600	70,000	46.1	273.7	7,700	66,100	205
210	33.2	248.3	16,500	71,400	39.0	260.6	11,600	67,600	44.0	268.6	6,900	63,900	210
215	30.4	240.0	15,400	69,100	36.6	254.0	10,700	65,400	41.8	263.1	6,000	61,800	215
220	27.3	230.6	14,400	66,900	34.1	246.7	9,800	63,300	39.6	257.1	5,200	59,800	220
225	23.9	219.9	13,300	64,800	31.3	238.7	8,900	61,300	37.2	250.6	4,500	57,900	225
230	19.8	206.9	12,300	62,800	28.3	229.7	8,000	59,400	34.6	243.5	3,800	56,100	230
235	14.7	190.0	11,300	60,800	25.0	219.4	7,200	57,500	31.9	235.7	3,100	54,300	235
240	5.9	160.4	10,200	58,800	21.1	207.2	6,400	55,800	29.0	226.9	2,400	52,600	240
245					16.4	191.8	5,600	54,000	25.8	217.0	1,700	51,000	245
250					9.6	168.8	4,700	52,300	22.1	205.3		49,400	250
255									17.6	190.8		47,900	255
260									11.5	170.4		46,400	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



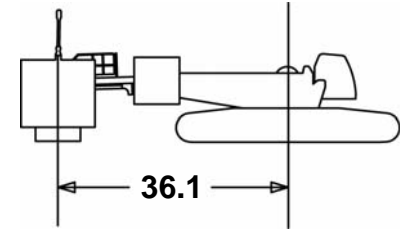
16000 MAX-ER

137.8 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	74.0	354.9	123,800	147,400*									80
85	72.6	353.4	113,900	146,700*									85
90	71.2	351.6	105,300	145,900*									90
95	69.8	349.8	97,700	145,100*									95
100	68.3	347.8	90,900	144,300*	70.4	349.8	83,900	140,900*					100
105	66.9	345.7	84,800	142,200*	69.0	347.9	78,200	140,400*					105
110	65.5	343.4	79,200	137,800*	67.6	345.8	73,000	140,000*					110
115	64.0	341.0	74,200	133,300*	66.1	343.6	68,300	139,500*					115
120	62.5	338.4	69,700	128,700*	64.6	341.2	64,000	138,900*	66.7	343.4	58,300	133,500*	120
125	61.0	335.6	65,500	124,200*	63.2	338.7	60,100	138,300*	65.3	341.1	54,700	133,400*	125
130	59.4	332.7	61,700	119,500*	61.7	336.0	56,500	137,800*	63.8	338.6	51,300	133,300*	130
135	57.9	329.6	58,200	114,900*	60.1	333.2	53,200	134,300*	62.3	336.0	48,200	132,700	135
140	56.3	326.2	54,900	110,400*	58.6	330.1	50,100	129,300*	60.8	333.2	45,300	126,700	140
145	54.7	322.7	51,900	105,900*	57.0	326.9	47,300	122,900*	59.3	330.2	42,700	121,100	145
150	53.0	319.0	49,100	101,600*	55.4	323.5	44,600	117,000*	57.7	327.1	40,200	115,900	150
155	51.3	315.0	46,500	97,300*	53.8	319.8	42,200	111,500*	56.1	323.8	37,900	111,100	155
160	49.6	310.8	44,000	93,300*	52.1	316.0	39,800	106,400*	54.5	320.2	35,700	106,600	160
165	47.8	306.3	41,700	89,400*	50.4	311.8	37,700	101,700*	52.8	316.4	33,700	102,400	165
170	46.0	301.5	39,500	85,600*	48.6	307.5	35,600	97,100*	51.1	312.4	31,800	98,400	170
175	44.1	296.4	37,500	82,100*	46.8	302.8	33,700	92,800*	49.4	308.2	30,000	94,700	175
180	42.1	290.9	35,600	78,700*	45.0	297.8	31,900	88,800*	47.6	303.6	28,300	91,300	180
185	40.1	285.0	33,700	75,500*	43.0	292.5	30,200	85,000*	45.8	298.8	26,700	88,000	185
190	38.0	278.7	32,000	72,500*	41.0	286.9	28,600	81,500*	43.9	293.7	25,200	84,900	190
195	35.7	271.9	30,400	69,600*	38.9	280.7	27,000	78,100*	41.9	288.2	23,700	81,900	195
200	33.3	264.4	28,800	67,000*	36.7	274.1	25,600	75,000*	39.9	282.2	22,300	79,100	200
205	30.8	256.2	27,300	64,500*	34.4	267.0	24,200	72,000*	37.7	275.9	21,000	76,500*	205
210	28.1	247.1	25,900	62,300*	32.0	259.1	22,800	69,100*	35.5	269.0	19,800	73,500*	210
215	25.0	236.8	24,500	60,200*	29.3	250.5	21,500	66,400*	33.1	261.4	18,600	70,500*	215
220	21.6	224.8	23,100	58,400*	26.4	240.7	20,300	63,800*	30.5	253.1	17,400	67,800*	220
225	17.5	210.1	21,800	54,900*	23.2	229.6	19,100	61,300*	27.7	243.9	16,300	65,100*	225
230	12.1	190.2	20,500	49,200*	19.4	216.3	17,900	58,900*	24.7	233.4	15,200	62,600*	230
235					14.7	199.3	16,800	53,900*	21.2	221.2	14,200	60,100*	235
240					7.4	172.1	15,600	47,000*	17.0	206.1	13,200	57,800*	240
245									11.3	185.2	12,100	52,400*	245
250													250
255													255
260													260
265													265
270													270
275													275
280													280

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

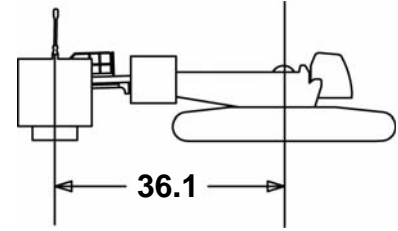
137.8 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145	62.9	334.1	35,000	115,100									145
150	61.4	331.4	32,800	110,100									150
155	59.8	328.5	30,800	105,500									155
160	58.3	325.4	28,900	101,200									160
165	56.7	322.1	27,100	97,200									165
170	55.1	318.6	25,400	93,400									170
175	53.4	315.0	23,800	89,900	57.2	319.2	17,700	85,100					175
180	51.8	311.0	22,300	86,500	55.6	315.8	16,300	81,900					180
185	50.0	306.9	20,800	83,400	53.9	312.2	15,100	78,900					185
190	48.3	302.4	19,500	80,400	52.3	308.3	13,900	76,000					190
195	46.5	297.7	18,200	77,600	50.6	304.2	12,800	73,400					195
200	44.6	292.7	17,000	74,900	48.8	299.9	11,700	70,800	52.7	304.3	6,600	66,800	200
205	42.6	287.3	15,800	72,400	47.0	295.3	10,700	68,400	51.0	300.3	5,700	64,500	205
210	40.6	281.5	14,700	70,000	45.2	290.3	9,700	66,100	49.2	296.0	4,800	62,300	210
215	38.5	275.4	13,700	67,700	43.2	285.1	8,800	63,900	47.4	291.5	4,000	60,200	215
220	36.3	268.6	12,600	65,500	41.2	279.4	7,900	61,800	45.6	286.6	3,300	58,200	220
225	34.0	261.4	11,700	63,400	39.2	273.4	7,000	59,800	43.7	281.4	2,500	56,300	225
230	31.5	253.4	10,700	61,400	37.0	266.8	6,200	57,900	41.7	275.9	1,800	54,500	230
235	28.8	244.5	9,800	59,500	34.7	259.7	5,400	56,100	39.6	269.9		52,800	235
240	25.8	234.5	8,900	57,700	32.2	251.9	4,700	54,400	37.5	263.5		51,100	240
245	22.5	223.0	8,100	55,900	29.6	243.4	3,900	52,700	35.2	256.5		49,500	245
250	18.6	209.1	7,200	54,200	26.7	233.8	3,200	51,100	32.8	248.9		48,000	250
255	13.6	191.0	6,400	52,500	23.5	222.8	2,500	49,500	30.2	240.5		46,500	255
260	4.5	157.1	5,400	49,800*	19.9	209.7	1,800	48,000	27.4	231.1		45,000	260
265					15.3	193.3		46,500	24.3	220.5		43,700	265
270					8.5	168.0		45,000	20.7	208.0		42,300	270
275									16.4	192.5		41,000	275
280									10.4	170.4		39,700	280



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



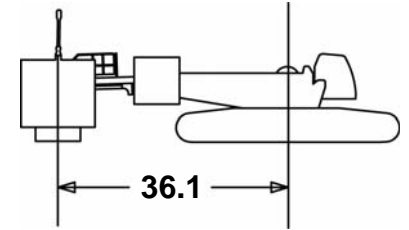
16000 MAX-ER

137.8 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	72.8	372.4	104,000	122,600*									90
95	71.5	370.8	96,300	121,800*									95
100	70.2	369.0	89,500	121,100*									100
105	68.9	367.0	83,400	120,200*	70.8	368.9	76,600	117,800*					105
110	67.6	365.0	77,800	119,400*	69.5	367.1	71,400	117,300*					110
115	66.3	362.8	72,800	118,500*	68.2	365.1	66,700	116,700*					115
120	65.0	360.5	68,300	117,100*	66.9	362.9	62,400	116,100*					120
125	63.6	358.0	64,100	113,600*	65.6	360.7	58,500	115,500*	67.5	362.7	53,000	111,500*	125
130	62.2	355.4	60,300	110,200*	64.2	358.3	54,900	114,800*	66.2	360.5	49,600	111,200*	130
135	60.9	352.6	56,800	106,700*	62.9	355.7	51,600	114,200*	64.8	358.1	46,500	110,900*	135
140	59.4	349.6	53,500	103,100*	61.5	353.0	48,600	113,500*	63.5	355.6	43,600	110,500*	140
145	58.0	346.5	50,500	99,700*	60.1	350.1	45,700	112,900*	62.1	353.0	41,000	110,100*	145
150	56.6	343.2	47,600	96,100*	58.7	347.1	43,100	112,200*	60.7	350.2	38,500	109,700*	150
155	55.1	339.8	45,000	92,700*	57.2	343.9	40,600	110,300*	59.3	347.2	36,200	109,300*	155
160	53.6	336.1	42,600	89,400*	55.8	340.5	38,300	105,300*	57.9	344.1	34,000	105,200	160
165	52.1	332.2	40,300	86,100*	54.3	336.9	36,100	100,500*	56.4	340.8	32,000	101,000	165
170	50.5	328.1	38,100	82,900*	52.7	333.1	34,100	96,100*	54.9	337.3	30,100	97,100	170
175	48.9	323.8	36,100	79,800*	51.2	329.1	32,200	92,000*	53.4	333.6	28,300	93,400	175
180	47.2	319.2	34,200	76,800*	49.6	324.9	30,400	88,300*	51.9	329.7	26,700	89,900	180
185	45.5	314.3	32,300	73,900*	48.0	320.4	28,700	84,500*	50.3	325.5	25,100	86,700	185
190	43.8	309.1	30,600	71,100*	46.3	315.7	27,100	80,900*	48.7	321.2	23,600	83,600	190
195	42.0	303.6	29,000	68,500*	44.6	310.6	25,600	77,500*	47.0	316.6	22,100	80,600	195
200	40.1	297.8	27,400	65,900*	42.8	305.3	24,100	74,300*	45.3	311.7	20,800	77,900	200
205	38.2	291.5	26,000	63,500*	41.0	299.6	22,700	71,300*	43.6	306.5	19,500	75,200	205
210	36.1	284.7	24,600	61,300*	39.1	293.5	21,400	68,400*	41.8	300.9	18,200	72,700*	210
215	34.0	277.5	23,200	59,100*	37.1	287.0	20,100	65,700*	39.9	295.0	17,100	69,800*	215
220	31.7	269.5	21,900	57,100*	35.0	279.9	18,900	63,100*	37.9	288.7	15,900	67,000*	220
225	29.3	260.8	20,700	55,300*	32.8	272.3	17,800	60,600*	35.9	281.9	14,900	64,400*	225
230	26.6	251.1	19,500	53,600*	30.4	264.0	16,700	58,200*	33.7	274.5	13,800	61,800*	230
235	23.7	240.2	18,300	52,000*	27.9	254.8	15,600	55,900*	31.5	266.5	12,800	59,400*	235
240	20.4	227.4	17,200	49,800*	25.1	244.4	14,600	53,800*	29.0	257.7	11,900	57,100*	240
245	16.4	211.9	16,100	45,600*	22.0	232.6	13,500	51,700*	26.3	247.9	10,900	54,900*	245
250	11.1	190.4	15,000	40,500*	18.3	218.5	12,600	49,300*	23.4	236.8	10,000	52,700*	250
255					13.8	200.3	11,600	44,800*	20.0	223.8	9,100	50,700*	255
260					6.3	170.2	10,500	38,500*	15.9	207.7	8,300	48,600*	260
265									10.3	185.2	7,300	43,500*	265
270													270
275													275
280													280
285													285
290													290
295													295
300													300

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

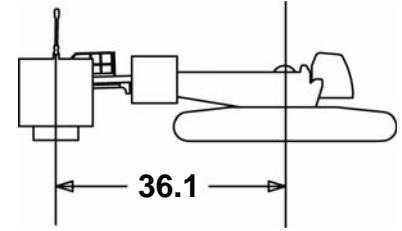
137.8 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155	62.6	351.1	28,900	101,300*									155
160	61.2	348.3	27,000	99,700									160
165	59.8	345.4	25,200	95,700									165
170	58.4	342.4	23,500	91,900									170
175	56.9	339.1	22,000	88,400									175
180	55.5	335.7	20,500	85,100									180
185	54.0	332.0	19,000	82,000	57.4	336.2	13,100	77,300					185
190	52.4	328.2	17,700	79,000	55.9	332.8	12,000	74,500					190
195	50.9	324.2	16,400	76,200	54.4	329.3	10,900	71,800					195
200	49.3	319.9	15,200	73,500	52.9	325.5	9,800	69,300					200
205	47.6	315.4	14,100	71,000	51.4	321.5	8,800	66,900					205
210	46.0	310.6	13,000	68,600	49.8	317.3	7,900	64,600					210
215	44.2	305.5	12,000	66,400	48.1	312.9	6,900	62,400	51.7	317.5	2,000	58,600	215
220	42.4	300.1	11,000	64,200	46.5	308.2	6,100	60,400	50.1	313.4		56,600	220
225	40.6	294.3	10,000	62,100	44.8	303.1	5,200	58,400	48.5	309.0		54,800	225
230	38.7	288.1	9,100	60,100	43.0	297.8	4,400	56,500	46.9	304.4		53,000	230
235	36.7	281.5	8,200	58,200	41.2	292.2	3,700	54,700	45.2	299.4		51,200	235
240	34.5	274.3	7,400	56,400	39.3	286.1	2,900	53,000	43.4	294.2		49,600	240
245	32.3	266.6	6,600	54,700	37.3	279.6	2,200	51,300	41.6	288.6		48,000	245
250	29.9	258.1	5,800	53,000	35.2	272.7	1,500	49,700	39.7	282.6		46,500	250
255	27.3	248.7	5,000	51,400	33.0	265.1		48,200	37.7	276.3		45,000	255
260	24.5	238.1	4,300	49,900	30.6	256.8		46,700	35.7	269.4		43,600	260
265	21.3	225.9	3,500	48,400	28.1	247.7		45,300	33.5	262.0		42,300	265
270	17.5	211.1	2,800	46,900	25.4	237.5		43,900	31.2	253.9		41,000	270
275	12.6	191.7	2,000	45,500	22.3	225.9		42,600	28.7	245.0		39,700	275
280	2.8	151.6		40,700*	18.7	212.0		41,300	26.0	235.1		38,500	280
285					14.3	194.5		40,000	23.0	223.8		37,300	285
290					7.5	166.8		38,700	19.6	210.5		36,200	290
295									15.4	194.0		35,000	295
300									9.5	170.1		33,900	300



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



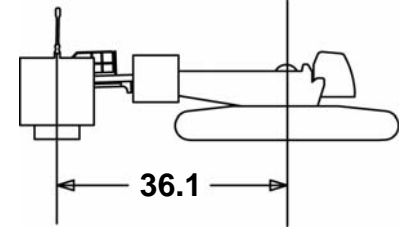
16000 MAX-ER

137.8 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100	71.8	389.9	88,200	102,800*									100
105	70.6	388.1	82,100	102,000*									105
110	69.4	386.2	76,600	101,200*									110
115	68.2	384.2	71,500	100,500*	70.0	386.2	65,300	98,800*					115
120	67.0	382.1	67,000	99,700*	68.8	384.3	61,000	98,300*					120
125	65.8	379.9	62,800	99,000*	67.6	382.2	57,100	97,700*					125
130	64.6	377.5	59,000	98,200*	66.3	380.0	53,500	97,100*					130
135	63.3	375.0	55,400	97,300*	65.1	377.7	50,200	96,500*	66.9	379.8	45,000	93,600*	135
140	62.0	372.3	52,100	94,700*	63.9	375.3	47,100	95,900*	65.7	377.5	42,100	93,200*	140
145	60.7	369.5	49,100	92,000*	62.6	372.7	44,300	95,300*	64.4	375.1	39,500	92,800*	145
150	59.5	366.6	46,300	89,300*	61.3	370.0	41,600	94,700*	63.2	372.6	37,000	92,500*	150
155	58.1	363.5	43,700	86,500*	60.0	367.1	39,200	94,100*	61.9	369.9	34,700	92,100*	155
160	56.8	360.2	41,200	83,800*	58.7	364.0	36,900	93,500*	60.6	367.1	32,500	91,600*	160
165	55.4	356.8	38,900	81,100*	57.4	360.9	34,700	92,900*	59.3	364.2	30,500	91,200*	165
170	54.1	353.2	36,800	78,500*	56.1	357.5	32,700	92,300*	58.0	361.0	28,600	90,800*	170
175	52.7	349.4	34,700	75,900*	54.7	354.0	30,800	89,900*	56.6	357.8	26,800	90,400*	175
180	51.2	345.4	32,800	73,400*	53.3	350.3	29,000	86,100*	55.3	354.3	25,200	88,700	180
185	49.8	341.2	31,000	70,900*	51.9	346.4	27,300	82,600*	53.9	350.7	23,600	85,400	185
190	48.3	336.7	29,300	68,500*	50.4	342.2	25,700	79,300*	52.5	346.9	22,100	82,400	190
195	46.7	332.1	27,700	66,200*	48.9	337.9	24,200	75,900*	51.1	342.9	20,700	79,400	195
200	45.2	327.1	26,100	63,900*	47.4	333.4	22,700	72,800*	49.6	338.6	19,300	76,700	200
205	43.5	321.9	24,700	61,700*	45.9	328.5	21,300	69,800*	48.1	334.1	18,000	74,000	205
210	41.9	316.4	23,300	59,700*	44.3	323.5	20,000	67,000*	46.6	329.5	16,800	71,200*	210
215	40.1	310.5	21,900	57,700*	42.6	318.1	18,800	64,300*	45.0	324.5	15,600	68,300*	215
220	38.3	304.3	20,700	55,800*	40.9	312.3	17,600	61,700*	43.3	319.2	14,500	65,600*	220
225	36.5	297.6	19,400	54,000*	39.2	306.3	16,400	59,300*	41.7	313.7	13,500	63,000*	225
230	34.5	290.4	18,300	52,200*	37.3	299.8	15,400	57,000*	39.9	307.7	12,400	60,500*	230
235	32.5	282.7	17,100	50,600*	35.4	292.9	14,300	54,800*	38.1	301.5	11,500	58,100*	235
240	30.3	274.3	16,100	49,100*	33.4	285.4	13,300	52,700*	36.3	294.7	10,500	55,900*	240
245	27.9	265.1	15,000	47,700*	31.3	277.3	12,300	50,600*	34.3	287.5	9,600	53,700*	245
250	25.4	254.9	14,000	45,800*	29.0	268.5	11,400	48,700*	32.2	279.7	8,700	51,700*	250
255	22.6	243.4	13,000	44,000*	26.6	258.8	10,500	46,800*	30.0	271.2	7,900	49,700*	255
260	19.4	229.9	12,100	41,200*	23.9	247.9	9,600	45,000*	27.7	261.9	7,100	47,800*	260
265	15.5	213.4	11,100	37,500*	20.9	235.4	8,700	43,200*	25.1	251.6	6,300	46,000*	265
270	10.2	190.4	10,200	33,000*	17.3	220.4	7,900	40,900*	22.2	239.9	5,500	44,200*	270
275					12.9	201.1	7,000	36,900*	19.0	226.1	4,700	42,400*	275
280					5.3	167.6	6,100	31,100*	15.0	209.1	4,000	40,300*	280
285									9.4	184.8	3,200	35,700*	285
290													290
295													295
300													300
305													305
310													310
315													315
320													320

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

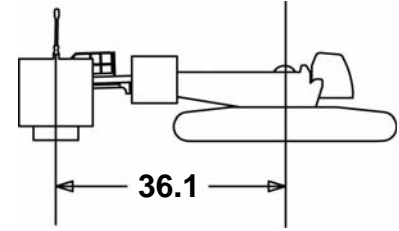
137.8 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160												160
165	62.3	368.0	23,600	85,000*								165
170	61.1	365.3	21,900	85,000*								170
175	59.8	362.4	20,300	85,000*								175
180	58.5	359.3	18,900	83,800								180
185	57.1	356.1	17,500	80,700								185
190	55.8	352.7	16,100	77,700								190
195	54.4	349.1	14,900	74,900	57.5	353.2	9,200	70,500				195
200	53.0	345.4	13,700	72,300	56.2	349.8	8,100	67,900				200
205	51.6	341.4	12,500	69,800	54.8	346.3	7,200	65,600				205
210	50.1	337.3	11,500	67,400	53.4	342.6	6,200	63,300				210
215	48.6	332.9	10,400	65,100	52.0	338.7	5,300	61,100				215
220	47.1	328.3	9,400	62,900	50.6	334.7	4,500	59,100				220
225	45.5	323.4	8,500	60,900	49.1	330.4	3,600	57,100	52.3	334.8	53,400	225
230	43.9	318.3	7,600	58,900	47.6	325.8	2,800	55,200	50.9	330.7	51,600	230
235	42.3	312.8	6,700	57,000	46.0	321.0	2,100	53,400	49.4	326.5	49,900	235
240	40.6	307.0	5,900	55,200	44.4	316.0		51,700	47.9	322.0	48,200	240
245	38.8	300.9	5,100	53,500	42.8	310.6		50,000	46.4	317.2	46,700	245
250	37.0	294.3	4,300	51,800	41.1	304.9		48,500	44.8	312.2	45,200	250
255	35.0	287.3	3,600	50,300	39.3	298.9		47,000	43.2	307.0	43,700	255
260	33.0	279.7	2,900	48,700	37.5	292.5		45,500	41.5	301.3	42,300	260
265	30.8	271.5	2,200	47,200	35.6	285.6		44,100	39.7	295.4	41,000	265
270	28.5	262.5	1,500	45,800	33.6	278.2		42,700	37.9	289.0	39,700	270
275	26.0	252.6		44,500	31.5	270.2		41,400	36.1	282.3	38,500	275
280	23.3	241.4		43,100	29.2	261.4		40,200	34.1	275.0	37,300	280
285	20.2	228.5		41,800	26.8	251.8		39,000	32.0	267.1	36,100	285
290	16.5	212.9		40,600	24.2	241.0		37,800	29.8	258.6	35,000	290
295	11.8	192.2		39,300	21.2	228.7		36,600	27.4	249.2	33,900	295
300					17.7	214.1		35,500	24.8	238.7	32,900	300
305					13.4	195.4		34,400	21.9	226.8	31,800	305
310					6.5	165.1		33,300	18.6	212.8	30,800	310
315									14.5	195.3	29,800*	315
320									8.6	169.4	28,600*	320



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



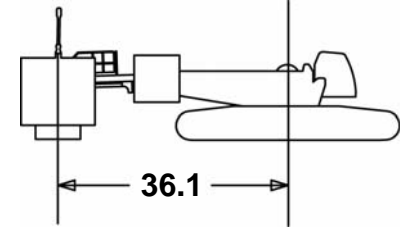
16000 MAX-ER

137.8 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
110	71.0	407.2	75,000	86,100*									110
115	69.9	405.4	70,000	85,400*									115
120	68.7	403.4	65,400	84,600*	70.4	405.4	59,300	83,400*					120
125	67.6	401.4	61,200	83,900*	69.3	403.5	55,400	82,800*					125
130	66.5	399.2	57,400	83,100*	68.1	401.5	51,800	82,200*					130
135	65.3	396.9	53,800	82,300*	67.0	399.4	48,500	81,600*					135
140	64.2	394.5	50,500	81,600*	65.9	397.1	45,400	81,000*	67.5	399.1	40,200	78,800*	140
145	63.0	392.0	47,500	80,900*	64.7	394.7	42,500	80,400*	66.4	396.9	37,600	78,400*	145
150	61.8	389.3	44,700	80,200*	63.6	392.3	39,900	79,800*	65.2	394.6	35,100	77,900*	150
155	60.7	386.5	42,100	79,500*	62.4	389.7	37,400	79,200*	64.1	392.1	32,800	77,500*	155
160	59.5	383.5	39,600	77,400*	61.2	386.9	35,100	78,500*	62.9	389.6	30,700	77,000*	160
165	58.2	380.5	37,300	75,200*	60.0	384.0	33,000	77,900*	61.7	386.9	28,700	76,600*	165
170	57.0	377.2	35,200	73,100*	58.8	381.0	31,000	77,300*	60.5	384.1	26,800	76,100*	170
175	55.7	373.8	33,100	71,100*	57.5	377.9	29,100	76,700*	59.3	381.1	25,000	75,700*	175
180	54.5	370.3	31,200	69,000*	56.3	374.5	27,300	76,200*	58.1	378.0	23,400	75,200*	180
185	53.2	366.5	29,400	66,900*	55.0	371.0	25,600	75,600*	56.9	374.8	21,800	74,700*	185
190	51.8	362.6	27,700	64,900*	53.7	367.4	24,000	75,100*	55.6	371.4	20,300	74,300*	190
195	50.5	358.5	26,100	63,000*	52.4	363.6	22,500	74,000*	54.3	367.8	18,900	73,800*	195
200	49.1	354.2	24,500	61,100*	51.1	359.5	21,000	71,100*	53.0	364.0	17,500	73,400*	200
205	47.7	349.7	23,100	59,200*	49.7	355.3	19,700	68,200*	51.7	360.1	16,300	72,600*	205
210	46.3	345.0	21,700	57,400*	48.4	350.9	18,400	65,400*	50.3	356.0	15,000	69,700*	210
215	44.8	340.0	20,400	55,600*	46.9	346.3	17,100	62,800*	49.0	351.6	13,900	66,800*	215
220	43.3	334.7	19,100	53,900*	45.5	341.4	15,900	60,200*	47.6	347.1	12,800	64,100*	220
225	41.8	329.1	17,900	52,300*	44.0	336.2	14,800	57,800*	46.1	342.3	11,700	61,500*	225
230	40.2	323.3	16,700	50,700*	42.5	330.8	13,700	55,500*	44.7	337.3	10,700	59,000*	230
235	38.5	317.0	15,600	49,200*	40.9	325.1	12,700	53,300*	43.1	332.0	9,700	56,600*	235
240	36.8	310.4	14,500	47,800*	39.2	319.0	11,700	51,200*	41.6	326.4	8,800	54,400*	240
245	35.0	303.4	13,500	46,300*	37.6	312.6	10,700	49,200*	40.0	320.5	7,900	52,300*	245
250	33.1	295.8	12,500	44,500*	35.8	305.7	9,800	47,300*	38.3	314.2	7,100	50,200*	250
255	31.1	287.7	11,600	42,800*	33.9	298.4	8,900	45,500*	36.6	307.6	6,200	48,300*	255
260	29.0	278.9	10,700	41,100*	32.0	290.6	8,000	43,700*	34.8	300.5	5,400	46,400*	260
265	26.7	269.2	9,800	39,400*	30.0	282.1	7,200	42,000*	32.9	292.9	4,700	44,600*	265
270	24.3	258.4	8,900	37,800*	27.8	272.8	6,400	40,300*	30.9	284.6	3,900	42,900*	270
275	21.5	246.3	8,100	36,300*	25.4	262.5	5,600	38,700*	28.7	275.7	3,200	41,200*	275
280	18.4	232.1	7,200	33,500*	22.8	251.1	4,900	37,100*	26.5	265.9	2,500	39,500*	280
285	14.6	214.6	6,400	30,200*	19.9	237.9	4,100	35,600*	24.0	255.1	1,800	38,000*	285
290	9.4	190.0	5,600	26,100*	16.4	222.2	3,400	33,200*	21.2	242.7		36,400*	290
295					12.0	201.7	2,600	29,600*	18.0	228.2		34,900*	295
300					4.1	164.0	1,800	24,200*	14.1	210.3		32,800*	300
305									8.6	184.2		28,700*	305
310													310
315													315
320													320
325													325
330													330
335													335
340													340

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



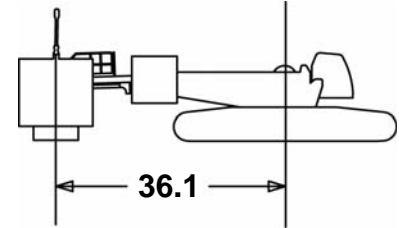
16000 MAX-ER

137.8 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160												160
165												165
170												170
175	62.1	385.0	18,400	71,200*								175
180	61.0	382.2	16,900	71,000*								180
185	59.8	379.3	15,500	70,900*								185
190	58.5	376.3	14,200	70,700*								190
195	57.3	373.1	12,900	70,500*								195
200	56.0	369.7	11,700	70,300*								200
205	54.8	366.2	10,600	68,200	57.7	370.2	5,100	63,900				205
210	53.5	362.5	9,600	65,800	56.4	366.9	4,200	61,600				210
215	52.2	358.6	8,500	63,600	55.2	363.4	3,300	59,500				215
220	50.8	354.6	7,600	61,400	53.9	359.7	2,400	57,400				220
225	49.5	350.3	6,600	59,400	52.6	355.9	1,600	55,500				225
230	48.1	345.9	5,700	57,400	51.2	351.9		53,600				230
235	46.7	341.2	4,900	55,600	49.9	347.7		51,800	52.9	351.9	48,200	235
240	45.2	336.2	4,100	53,800	48.5	343.4		50,100	51.5	348.0	46,600	240
245	43.7	331.1	3,300	52,000	47.1	338.7		48,500	50.2	343.8	45,000	245
250	42.1	325.6	2,500	50,400	45.6	333.9		46,900	48.8	339.5	43,500	250
255	40.6	319.8	1,800	48,800	44.1	328.7		45,400	47.4	334.9	42,100	255
260	38.9	313.7		47,300	42.6	323.4		44,000	46.0	330.1	40,700	260
265	37.2	307.1		45,800	41.0	317.7		42,600	44.5	325.0	39,400	265
270	35.4	300.2		44,400	39.4	311.6		41,200	43.0	319.7	38,100	270
275	33.6	292.8		43,100	37.7	305.2		39,900	41.4	314.1	36,900	275
280	31.6	284.8		41,800	36.0	298.5		38,700	39.8	308.1	35,700	280
285	29.5	276.1		40,500	34.1	291.2		37,500	38.1	301.8	34,600	285
290	27.3	266.7		39,300	32.2	283.4		36,300	36.4	295.1	33,500	290
295	24.9	256.2		38,100	30.2	274.9		35,200	34.6	288.0	32,300*	295
300	22.2	244.5		36,900	28.0	265.7		34,100	32.7	280.3	31,100*	300
305	19.2	230.9		35,700*	25.7	255.6		33,100	30.6	272.0	30,000*	305
310	15.7	214.4		34,200*	23.1	244.3		32,000	28.5	263.0	28,900*	310
315	11.0	192.4		32,700*	20.2	231.3		31,000	26.2	253.1	27,900*	315
320					16.8	215.9		30,100	23.7	242.1	26,800*	320
325					12.6	196.1		29,000*	20.9	229.6	25,800*	325
330					5.5	162.7		27,900*	17.6	214.8	24,800*	330
335									13.6	196.3	23,800*	335
340									7.8	168.4	22,800*	340

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
137,850 lb Hanging Counterweight
at 36.1 ft Position
360 Degree Rating



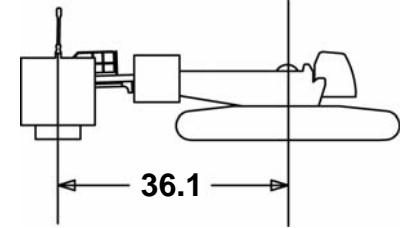
16000 MAX-ER

157.5 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
45	72.7	241.6	268,600	387,800*c									45
50	68.8	239.6	235,100	356,800*b									50
55	64.8	237.3	208,600	321,700*b									55
60	60.6	234.5	187,100	293,600*b	67.4	237.9	175,000	371,000*b					60
65	56.2	231.2	169,300	270,700*	63.3	235.4	158,300	348,800*b					65
70	51.6	227.3	154,200	251,800*	59.1	232.4	144,200	321,500*b	66.0	235.7	134,100	313,200*b	70
75	46.7	222.6	141,400	236,200*	54.7	228.9	132,200	294,700	61.8	233.0	122,900	287,100*b	75
80	41.2	217.1	130,200	223,500*	49.9	224.8	121,800	271,900	57.5	229.9	113,200	264,900*b	80
85	35.1	210.3	120,400	213,300*	44.8	219.9	112,700	252,100	53.0	226.2	104,700	245,700	85
90	27.7	201.4	111,700	206,000*	39.2	214.0	104,600	234,900	48.2	221.8	97,200	228,900	90
95	17.3	188.2	103,700	191,700*	32.7	206.6	97,300	219,600	42.9	216.5	90,500	214,100	95
100					24.6	196.7	90,700	206,000	37.0	210.1	84,400	201,000	100
105					11.6	179.5	84,400	178,700*	30.1	202.0	78,900	189,200	105
110									21.0	190.6	73,800	178,500	110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



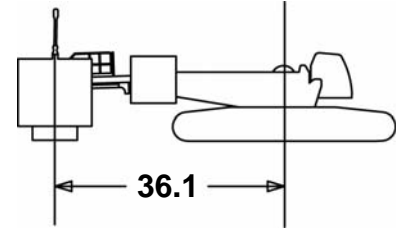
16000 MAX-ER

157.5 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
45													45
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90	60.6	228.9	84,700	218,800 ^b									90
95	56.2	225.6	78,800	204,700 ^b									95
100	51.6	221.6	73,500	192,200									100
105	46.6	217.0	68,700	181,000									105
110	41.2	211.5	64,400	170,900	54.5	219.8	54,600	163,200					110
115	35.0	204.6	60,400	161,800	49.8	215.6	51,200	154,500					115
120	27.6	195.8	56,600	153,400	44.7	210.7	48,000	146,600					120
125	17.3	182.4	53,000	145,700	39.0	204.7	45,100	139,300	52.4	212.4	36,800	132,800	125
130					32.5	197.2	42,300	132,700	47.5	207.9	34,500	126,500	130
135					24.3	187.2	39,700	126,500	42.2	202.5	32,400	120,700	135
140					10.9	169.4	36,900	120,500	36.2	196.0	30,300	115,300	140
145									29.0	187.6	28,300	110,300	145
150									19.5	175.4	26,400	105,500	150

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
137,850 lb Hanging Counterweight
at 36.1 ft Position
360 Degree Rating



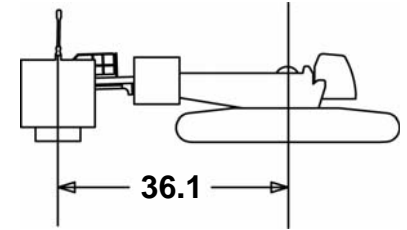
16000 MAX-ER

157.5 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
50	73.2	260.6	235,300	343,200*c									50
55	70.1	258.8	208,600	322,900*b									55
60	66.9	256.7	187,000	293,100*b									60
65	63.7	254.3	169,100	268,800*b	69.0	257.2	157,700	330,800*b					65
70	60.4	251.4	154,100	248,600*	65.8	254.9	143,700	319,900*b					70
75	56.9	248.2	141,300	231,700*	62.6	252.4	131,700	294,000	67.9	255.0	122,000	286,100b	75
80	53.3	244.5	130,200	217,400*	59.2	249.4	121,300	271,200	64.7	252.7	112,300	263,900b	80
85	49.5	240.3	120,500	205,300*	55.7	246.0	112,200	251,500	61.4	250.0	103,900	244,800	85
90	45.4	235.4	112,000	195,000*	52.0	242.2	104,200	234,400	57.9	246.9	96,400	228,100	90
95	41.0	229.9	104,400	186,300*	48.1	237.7	97,100	219,300	54.4	243.3	89,800	213,400	95
100	36.2	223.2	97,600	179,200*	43.9	232.7	90,800	205,900	50.6	239.3	83,900	200,400	100
105	30.7	215.2	91,400	173,700*	39.4	226.7	85,000	193,900	46.6	234.6	78,600	188,700	105
110	24.1	204.9	85,700	169,900*	34.4	219.7	79,800	183,100	42.4	229.3	73,700	178,200	110
115	14.5	189.3	80,300	148,700*	28.6	211.1	75,000	173,300	37.7	223.0	69,300	168,800	115
120					21.3	199.5	70,500	164,400	32.4	215.4	65,200	160,100	120
125					8.8	178.7	66,000	141,400*	26.2	206.0	61,400	152,200	125
130									17.9	192.6	57,800	144,900	130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

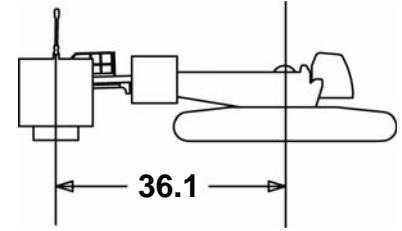
157.5 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100	60.3	245.8	72,400	191,200									100
105	56.9	242.6	67,700	180,000									105
110	53.3	238.9	63,500	170,100									110
115	49.4	234.7	59,600	161,000									115
120	45.4	229.8	56,000	152,800	55.5	236.9	46,800	145,500					120
125	41.0	224.2	52,700	145,300	51.9	233.0	44,000	138,400					125
130	36.2	217.6	49,700	138,400	48.0	228.5	41,400	131,800					130
135	30.7	209.6	46,800	132,100	43.8	223.4	38,900	125,800					135
140	24.0	199.2	44,100	126,100	39.3	217.5	36,600	120,200	50.1	225.5	29,100	114,300	140
145	14.4	183.6	41,400	120,600	34.2	210.4	34,500	115,100	46.1	220.7	27,300	109,400	145
150					28.4	201.7	32,500	110,200	41.8	215.3	25,600	104,800	150
155					21.0	190.0	30,500	105,600	37.1	208.9	24,000	100,600	155
160					8.1	168.4	28,300	101,200	31.7	201.1	22,400	96,500	160
165									25.3	191.3	20,900	92,800	165
170									16.5	177.1	19,400	89,100	170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



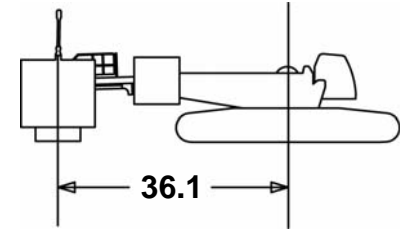
16000 MAX-ER

157.5 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
55	73.6	279.7	208,000	305,800*b									55
60	71.0	278.0	186,200	295,200*b									60
65	68.4	276.0	168,300	269,300*									65
70	65.7	273.8	153,200	248,000*	70.1	276.4	142,400	296,600*b					70
75	63.0	271.2	140,400	230,100*	67.5	274.3	130,300	287,900*					75
80	60.2	268.4	129,300	215,000*	64.8	272.0	120,000	269,900					80
85	57.3	265.2	119,600	202,000*	62.0	269.3	110,900	250,300	66.5	272.1	102,200	243,300	85
90	54.4	261.6	111,100	190,800*	59.2	266.4	103,000	233,200	63.8	269.7	94,800	226,700	90
95	51.3	257.7	103,500	181,200*	56.3	263.1	95,900	218,100	61.0	266.9	88,300	212,000	95
100	48.0	253.2	96,800	172,800*	53.3	259.4	89,600	204,800	58.2	263.8	82,400	199,000	100
105	44.6	248.2	90,700	165,500*	50.2	255.2	83,900	192,900	55.3	260.4	77,100	187,400	105
110	40.9	242.6	85,200	159,300*	46.9	250.6	78,800	182,200	52.2	256.6	72,300	177,000	110
115	37.0	236.1	80,200	154,100*	43.4	245.4	74,100	172,500	49.0	252.3	68,000	167,600	115
120	32.6	228.6	75,600	146,700*	39.6	239.5	69,800	163,700	45.6	247.4	64,000	159,100	120
125	27.5	219.5	71,300	139,100*	35.5	232.7	65,900	155,600	42.0	242.0	60,300	151,200	125
130	21.4	207.8	67,300	132,900*	30.9	224.7	62,200	148,200	38.2	235.8	57,000	144,100	130
135	12.4	189.9	63,400	117,800*	25.6	214.9	58,800	141,400	33.9	228.6	53,800	137,500	135
140					18.8	201.8	55,500	133,800*	29.1	220.0	50,900	131,400	140
145					6.4	176.8	52,100	111,800*	23.4	209.3	48,100	125,700	145
150									15.6	194.1	45,300	120,300	150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

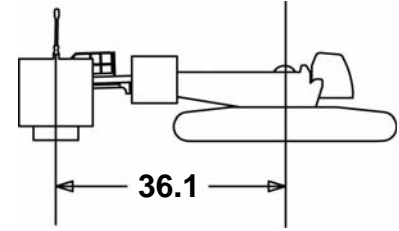
157.5 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105	63.0	265.6	65,800	178,400									105
110	60.2	262.8	61,600	168,500									110
115	57.3	259.6	57,800	159,500									115
120	54.3	256.0	54,300	151,400									120
125	51.2	252.1	51,100	143,900									125
130	48.0	247.6	48,100	137,100	56.2	253.9	39,300	130,200					130
135	44.6	242.6	45,400	130,800	53.2	250.2	37,000	124,200					135
140	40.9	236.9	42,800	125,000	50.1	246.0	34,800	118,700					140
145	36.9	230.5	40,500	119,700	46.7	241.4	32,800	113,600					145
150	32.5	222.9	38,200	114,700	43.2	236.2	30,800	108,900	51.8	242.8	23,500	103,100	150
155	27.5	213.8	36,100	110,000	39.5	230.2	29,000	104,400	48.6	238.4	22,000	98,900	155
160	21.3	202.1	34,000	105,600	35.4	223.4	27,300	100,300	45.2	233.6	20,600	95,000	160
165	12.3	184.1	31,900	101,300	30.8	215.3	25,700	96,400	41.6	228.0	19,200	91,300	165
170					25.4	205.4	24,100	92,700	37.6	221.7	17,900	87,900	170
175					18.5	192.2	22,500	89,200	33.3	214.4	16,700	84,600	175
180					5.5	165.9	20,800	85,700	28.4	205.6	15,500	81,500	180
185									22.5	194.4	14,300	78,600	185
190									14.3	178.2	13,100	75,700	190



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



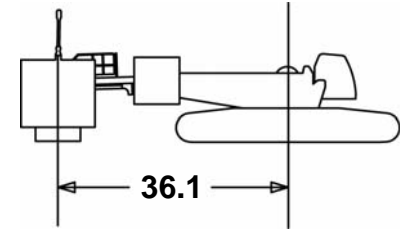
16000 MAX-ER

157.5 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60	73.8	298.8	185,700	272,900* ^b									60
65	71.6	297.1	167,600	265,100*									65
70	69.4	295.2	152,500	250,600*									70
75	67.1	293.1	139,600	231,500*	70.8	295.5	129,300	266,100*					75
80	64.8	290.8	128,500	215,400*	68.6	293.6	118,900	259,200*					80
85	62.5	288.2	118,800	201,700*	66.3	291.4	109,900	249,200					85
90	60.1	285.3	110,300	189,800*	64.0	289.0	101,900	232,200	67.8	291.4	93,600	225,500	90
95	57.6	282.2	102,700	179,500*	61.7	286.3	94,900	217,100	65.5	289.2	87,000	210,900	95
100	55.1	278.7	96,000	170,500*	59.3	283.3	88,600	203,800	63.2	286.6	81,100	197,900	100
105	52.5	274.9	89,900	162,500*	56.8	280.1	82,900	191,900	60.8	283.9	75,900	186,300	105
110	49.8	270.7	84,400	155,500*	54.2	276.5	77,800	181,200	58.4	280.8	71,100	175,900	110
115	47.0	266.1	79,400	149,400*	51.6	272.6	73,100	171,600	55.9	277.4	66,800	166,600	115
120	44.0	261.0	74,900	142,700*	48.8	268.2	68,900	162,800	53.3	273.7	62,900	158,000	120
125	40.8	255.3	70,700	134,500*	46.0	263.5	65,000	154,800	50.6	269.7	59,200	150,300	125
130	37.5	248.9	66,900	127,000*	42.9	258.2	61,400	147,500	47.8	265.2	55,900	143,100	130
135	33.8	241.7	63,300	120,200*	39.7	252.3	58,100	140,700	44.9	260.2	52,800	136,600	135
140	29.7	233.3	60,000	114,100*	36.2	245.6	55,000	134,500	41.8	254.7	50,000	130,600	140
145	25.1	223.2	56,800	109,100*	32.5	238.0	52,100	128,700	38.5	248.6	47,300	125,000	145
150	19.3	210.2	53,800	104,900*	28.2	229.1	49,400	123,400	34.9	241.6	44,800	119,700	150
155	10.6	189.9	50,900	95,700*	23.2	218.1	46,800	117,800*	31.0	233.6	42,400	114,900	155
160					16.8	203.6	44,300	108,600*	26.5	224.0	40,200	110,300	160
165					3.8	172.8	41,600	90,000*	21.1	212.1	38,000	106,000	165
170									13.8	195.1	35,900	101,900	170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

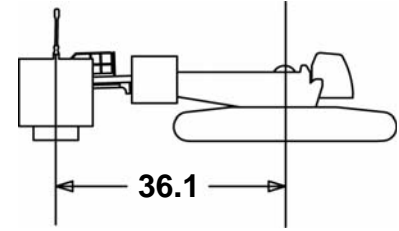
157.5 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115	62.5	282.6	56,300	158,200									115
120	60.1	279.7	52,800	150,100									120
125	57.6	276.6	49,700	142,700									125
130	55.1	273.1	46,800	135,900									130
135	52.5	269.3	44,100	129,700									135
140	49.8	265.1	41,600	123,900	56.7	270.9	33,300	117,400					140
145	46.9	260.5	39,200	118,600	54.1	267.3	31,300	112,400					145
150	44.0	255.4	37,100	113,700	51.5	263.4	29,400	107,700					150
155	40.8	249.7	35,000	109,100	48.7	259.0	27,600	103,300					155
160	37.5	243.3	33,100	104,700	45.9	254.2	26,000	99,200	52.9	260.0	19,000	93,700	160
165	33.8	236.0	31,300	100,700	42.8	248.9	24,400	95,300	50.3	255.9	17,700	90,100	165
170	29.7	227.6	29,500	96,900	39.6	243.0	23,000	91,700	47.4	251.4	16,400	86,700	170
175	25.0	217.5	27,900	93,300	36.1	236.3	21,600	88,400	44.5	246.3	15,300	83,400	175
180	19.2	204.5	26,200	89,900	32.3	228.7	20,200	85,200	41.4	240.8	14,100	80,400	180
185	10.5	184.1	24,600	86,600	28.1	219.7	18,900	82,100	38.1	234.5	13,100	77,600	185
190					23.0	208.7	17,700	79,200	34.4	227.4	12,100	74,800	190
195					16.6	193.9	16,400	76,400	30.5	219.2	11,100	72,300	195
200									25.9	209.4	10,100	69,800	200
205									20.3	197.1	9,100	67,400	205
210									12.5	178.8	8,100	65,100	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



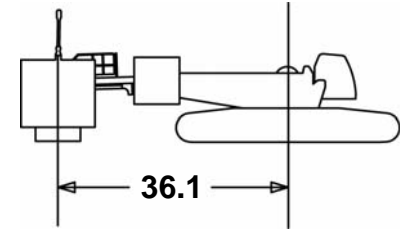
16000 MAX-ER

157.5 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	74.0	317.8	166,600	234,700*									65
70	72.1	316.2	151,400	227,500*									70
75	70.1	314.4	138,400	219,500*									75
80	68.2	312.4	127,300	210,900*									80
85	66.2	310.2	117,500	201,700*	69.5	312.8	108,300	229,400*					85
90	64.2	307.8	109,000	190,000*	67.5	310.7	100,400	228,600*					90
95	62.1	305.2	101,400	178,900*	65.5	308.4	93,300	215,800					95
100	60.0	302.3	94,700	169,400*	63.5	306.0	87,000	202,500	66.8	308.5	79,400	196,400	100
105	57.9	299.2	88,600	161,000*	61.4	303.2	81,400	190,600	64.8	306.2	74,100	184,800	105
110	55.7	295.8	83,100	153,600*	59.3	300.3	76,300	179,900	62.7	303.6	69,400	174,500	110
115	53.4	292.1	78,200	146,800*	57.1	297.1	71,600	170,300	60.6	300.8	65,100	165,100	115
120	51.1	288.1	73,600	138,800*	54.9	293.6	67,400	161,500	58.5	297.8	61,200	156,600	120
125	48.7	283.7	69,500	131,200*	52.6	289.8	63,500	153,600	56.3	294.5	57,600	148,900	125
130	46.2	279.0	65,700	124,000*	50.3	285.7	60,000	146,300	54.1	290.9	54,300	141,800	130
135	43.5	273.8	62,100	117,400*	47.8	281.2	56,700	139,600	51.8	287.0	51,200	135,300	135
140	40.8	268.1	58,900	111,300*	45.3	276.3	53,600	133,400	49.4	282.7	48,400	129,200	140
145	37.9	261.8	55,800	105,600*	42.6	270.9	50,800	127,600	46.9	278.1	45,700	123,700	145
150	34.7	254.7	53,000	100,400*	39.8	265.0	48,100	122,300	44.3	273.0	43,300	118,500	150
155	31.3	246.7	50,300	95,700*	36.8	258.5	45,600	117,300	41.6	267.5	41,000	113,700	155
160	27.5	237.5	47,700	91,600*	33.6	251.1	43,300	112,300*	38.7	261.4	38,800	109,200	160
165	23.0	226.4	45,300	88,000*	30.0	242.7	41,100	107,100*	35.7	254.6	36,800	105,000	165
170	17.6	212.2	43,000	85,300*	26.0	233.0	39,000	102,200*	32.3	246.9	34,900	101,000	170
175	9.0	189.4	40,700	78,400*	21.3	221.0	37,000	97,500*	28.6	238.0	33,000	97,300	175
180					15.2	205.0	35,000	89,300*	24.4	227.6	31,300	93,800	180
185									19.3	214.5	29,600	90,400	185
190									12.2	195.7	27,900	87,200	190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

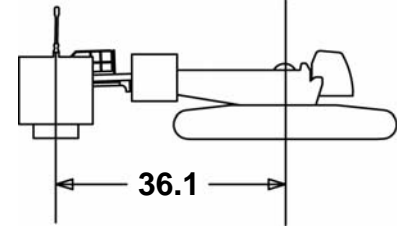
157.5 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	62.1	299.5	47,700	141,100									125
130	60.0	296.7	44,800	134,300									130
135	57.9	293.5	42,100	128,100									135
140	55.7	290.1	39,700	122,400									140
145	53.4	286.5	37,400	117,100									145
150	51.1	282.5	35,200	112,200	57.1	287.9	27,300	106,000					150
155	48.7	278.1	33,200	107,600	54.8	284.4	25,600	101,600					155
160	46.2	273.4	31,400	103,300	52.5	280.6	24,000	97,500					160
165	43.5	268.1	29,600	99,300	50.2	276.5	22,400	93,700					165
170	40.8	262.4	27,900	95,600	47.7	272.0	21,000	90,200					170
175	37.8	256.1	26,300	92,000	45.2	267.1	19,700	86,800	51.5	273.2	13,100	81,700	175
180	34.7	249.1	24,800	88,700	42.5	261.7	18,400	83,700	49.1	268.9	12,100	78,700	180
185	31.3	241.1	23,400	85,600	39.7	255.8	17,200	80,700	46.6	264.2	11,000	75,900	185
190	27.4	231.8	22,000	82,600	36.7	249.2	16,000	77,900	44.0	259.1	10,100	73,200	190
195	23.0	220.7	20,700	79,700	33.5	241.8	14,900	75,200	41.3	253.5	9,200	70,700	195
200	17.5	206.5	19,400	77,000	29.9	233.4	13,800	72,700	38.4	247.3	8,300	68,300	200
205	8.9	183.5	18,000	74,300	25.9	223.6	12,800	70,200	35.2	240.4	7,400	66,000	205
210					21.1	211.5	11,800	67,900	31.9	232.6	6,600	63,800	210
215					15.0	195.3	10,700	65,600	28.1	223.6	5,800	61,800	215
220									23.8	212.9	5,000	59,700	220
225									18.6	199.3	4,200	57,800	225
230									11.0	179.0	3,300	55,900	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



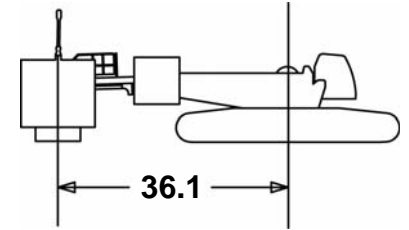
16000 MAX-ER

157.5 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	72.4	335.3	137,500	194,800*									75
80	70.7	333.5	126,300	188,900*									80
85	69.0	331.6	116,500	182,600*									85
90	67.2	329.5	107,900	176,100*	70.1	332.0	99,100	189,000*					90
95	65.5	327.3	100,300	169,100*	68.4	330.0	92,100	189,000*					95
100	63.7	324.8	93,600	162,000*	66.6	327.8	85,800	189,000*					100
105	61.8	322.1	87,500	154,900*	64.8	325.5	80,100	188,800*	67.8	327.8	72,700	180,300*	105
110	60.0	319.2	82,000	147,700*	63.0	322.9	75,000	178,800	66.0	325.6	68,000	173,200	110
115	58.1	316.1	77,100	140,600*	61.2	320.2	70,400	169,200	64.2	323.2	63,700	163,900	115
120	56.1	312.8	72,500	133,800*	59.3	317.2	66,100	160,400	62.4	320.6	59,800	155,400	120
125	54.1	309.2	68,400	127,200*	57.4	314.0	62,300	152,500	60.5	317.8	56,200	147,700	125
130	52.1	305.3	64,600	120,900*	55.4	310.6	58,700	145,200	58.6	314.7	52,900	140,600	130
135	50.0	301.2	61,000	114,800*	53.4	306.9	55,400	138,500	56.7	311.5	49,800	134,100	135
140	47.8	296.7	57,800	109,100*	51.4	303.0	52,400	132,300	54.7	308.0	47,000	128,100	140
145	45.5	291.8	54,700	103,700*	49.2	298.7	49,600	126,600	52.7	304.2	44,400	122,500	145
150	43.2	286.5	51,900	98,700*	47.0	294.1	46,900	121,300	50.6	300.1	42,000	117,400	150
155	40.7	280.8	49,300	94,000*	44.7	289.1	44,500	116,300	48.4	295.7	39,700	112,600	155
160	38.1	274.6	46,800	89,600*	42.4	283.7	42,200	111,700	46.2	291.0	37,600	108,100	160
165	35.4	267.7	44,500	85,600*	39.9	277.8	40,000	107,000*	43.9	285.8	35,600	103,900	165
170	32.4	260.0	42,300	81,900*	37.2	271.3	38,000	102,200*	41.5	280.2	33,700	100,000	170
175	29.2	251.3	40,200	78,500*	34.4	264.1	36,100	97,600*	38.9	274.1	31,900	96,300	175
180	25.6	241.3	38,200	75,600*	31.3	256.1	34,200	93,400*	36.2	267.4	30,200	92,800	180
185	21.4	229.3	36,300	73,000*	28.0	247.1	32,500	89,300*	33.3	260.0	28,600	89,500	185
190	16.1	213.8	34,400	71,100*	24.2	236.5	30,800	85,500*	30.2	251.7	27,100	86,400	190
195	7.7	188.2	32,500	64,900*	19.7	223.5	29,200	81,800*	26.7	242.1	25,600	83,500	195
200					13.8	206.0	27,600	74,400*	22.7	230.8	24,200	80,700	200
205									17.8	216.6	22,800	78,000	205
210									10.9	195.8	21,400	73,300*	210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

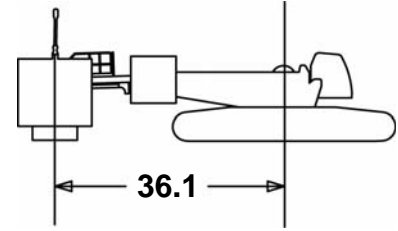
157.5 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135	61.8	316.5	40,600	126,800									135
140	59.9	313.6	38,100	121,100									140
145	58.0	310.5	35,800	115,800									145
150	56.1	307.2	33,700	110,900									150
155	54.1	303.6	31,700	106,400									155
160	52.1	299.7	29,900	102,100	57.3	304.9	22,300	96,200					160
165	50.0	295.5	28,100	98,100	55.4	301.5	20,800	92,400					165
170	47.8	291.0	26,500	94,400	53.4	297.8	19,400	88,900					170
175	45.5	286.2	25,000	90,900	51.3	293.8	18,100	85,500					175
180	43.2	280.9	23,500	87,600	49.2	289.5	16,800	82,400					180
185	40.7	275.2	22,100	84,500	47.0	284.9	15,700	79,500	52.4	290.4	9,400	74,600	185
190	38.1	268.9	20,800	81,500	44.7	279.9	14,500	76,700	50.3	286.3	8,400	71,900	190
195	35.4	262.0	19,500	78,700	42.3	274.4	13,500	74,000	48.2	281.9	7,500	69,400	195
200	32.4	254.3	18,300	76,100	39.8	268.5	12,400	71,500	45.9	277.1	6,700	67,000	200
205	29.2	245.6	17,100	73,500	37.1	262.0	11,500	69,100	43.6	271.9	5,900	64,800	205
210	25.5	235.6	16,000	71,100	34.3	254.9	10,500	66,800	41.2	266.2	5,100	62,600	210
215	21.3	223.6	14,900	68,800	31.2	246.8	9,600	64,700	38.6	260.1	4,300	60,600	215
220	16.1	208.1	13,800	66,600	27.9	237.7	8,700	62,600	35.9	253.3	3,600	58,600	220
225	7.6	182.3	12,700	64,400	24.1	227.1	7,900	60,600	32.9	245.7	2,900	56,700	225
230					19.6	214.0	7,000	58,700	29.7	237.3	2,200	54,900	230
235					13.6	196.2	6,100	56,800	26.2	227.5	1,500	53,200	235
240									22.1	215.9		51,500	240
245									17.1	201.2		49,900	245
250									9.6	178.7		48,300	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



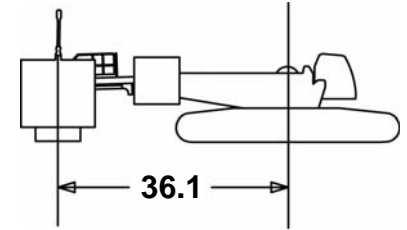
16000 MAX-ER

157.5 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	72.7	354.4	125,000	162,600*									80
85	71.2	352.7	115,200	162,200*									85
90	69.6	350.8	106,600	158,400*									90
95	68.1	348.8	99,000	153,500*	70.7	351.1	90,500	156,900*					95
100	66.5	346.6	92,200	148,300*	69.1	349.2	84,100	156,900*					100
105	64.9	344.3	86,100	143,100*	67.5	347.1	78,500	156,800*					105
110	63.2	341.8	80,600	137,700*	65.9	344.9	73,400	156,600*					110
115	61.6	339.1	75,600	132,200*	64.3	342.5	68,700	156,400*	67.0	345.0	61,900	149,400*	115
120	59.9	336.2	71,100	126,700*	62.7	339.9	64,500	153,300*	65.4	342.7	58,000	149,400*	120
125	58.2	333.1	66,900	121,300*	61.0	337.1	60,700	148,100*	63.7	340.2	54,400	146,200	125
130	56.5	329.8	63,100	116,000*	59.3	334.2	57,100	142,800*	62.1	337.6	51,100	139,100	130
135	54.7	326.3	59,600	110,700*	57.6	331.0	53,800	137,200	60.4	334.7	48,100	132,600	135
140	52.9	322.5	56,400	105,800*	55.8	327.7	50,800	131,000	58.7	331.7	45,300	126,700	140
145	51.0	318.5	53,300	101,000*	54.1	324.0	48,000	125,300	57.0	328.5	42,700	121,100	145
150	49.1	314.2	50,500	96,400*	52.2	320.2	45,400	120,000	55.2	325.0	40,200	116,000	150
155	47.1	309.6	47,900	92,100*	50.3	316.1	42,900	115,100	53.4	321.3	38,000	111,200	155
160	45.0	304.6	45,400	87,900*	48.4	311.7	40,700	110,500	51.5	317.4	35,900	106,700	160
165	42.9	299.3	43,100	84,000*	46.4	307.0	38,500	106,000*	49.6	313.1	33,900	102,600	165
170	40.7	293.6	41,000	80,400*	44.3	301.9	36,500	101,200*	47.7	308.6	32,000	98,700	170
175	38.4	287.3	38,900	77,000*	42.2	296.4	34,600	96,700*	45.7	303.8	30,300	95,000	175
180	35.9	280.6	37,000	73,800*	39.9	290.5	32,800	92,500*	43.6	298.6	28,600	91,500	180
185	33.3	273.1	35,100	70,800*	37.5	284.1	31,100	88,500*	41.4	293.0	27,000	88,300	185
190	30.5	264.8	33,400	68,100*	35.0	277.1	29,500	84,800*	39.1	286.9	25,500	85,200	190
195	27.4	255.5	31,700	65,700*	32.4	269.4	27,900	81,300*	36.7	280.3	24,100	82,200	195
200	24.0	244.8	30,100	63,500*	29.5	260.8	26,400	78,000*	34.1	273.0	22,700	79,500	200
205	19.9	231.9	28,600	61,700*	26.3	251.0	25,000	74,800*	31.4	265.0	21,400	76,800	205
210	14.9	215.1	27,000	60,300*	22.7	239.6	23,700	71,700*	28.4	256.1	20,200	74,300	210
215	6.3	186.4	25,400	53,500*	18.3	225.7	22,300	68,600*	25.0	245.8	19,000	71,900	215
220					12.6	206.7	21,000	61,900*	21.2	233.6	17,800	69,600	220
225									16.5	218.4	16,700	67,400	225
230									9.7	195.6	15,500	61,000*	230
235													235
240													240
245													245
250													250
255													255
260													260
265													265
270													270

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

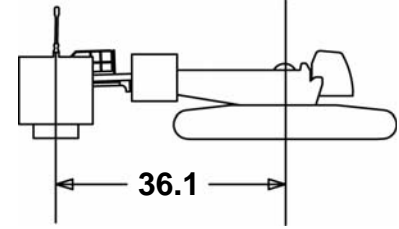
157.5 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145	61.6	333.5	33,900	114,200									145
150	59.9	330.6	31,800	109,300									150
155	58.2	327.5	29,800	104,800									155
160	56.4	324.2	28,000	100,600									160
165	54.7	320.7	26,200	96,600									165
170	52.8	316.9	24,600	92,900	57.5	321.9	17,300	87,200					170
175	51.0	312.9	23,100	89,400	55.8	318.5	16,000	83,900					175
180	49.1	308.6	21,600	86,100	54.0	314.9	14,800	80,800					180
185	47.1	304.0	20,300	83,000	52.2	311.0	13,600	77,800					185
190	45.0	299.0	19,000	80,100	50.3	306.9	12,500	75,100					190
195	42.9	293.7	17,800	77,300	48.3	302.5	11,500	72,400					195
200	40.7	287.9	16,600	74,700	46.3	297.7	10,500	69,900	51.3	303.6	4,500	65,300	200
205	38.4	281.7	15,500	72,200	44.2	292.6	9,500	67,600	49.4	299.4	3,800	63,100	205
210	35.9	274.9	14,400	69,800	42.1	287.2	8,600	65,300	47.4	294.8	3,000	61,000	210
215	33.3	267.5	13,400	67,500	39.8	281.3	7,800	63,200	45.4	289.9	2,300	58,900	215
220	30.5	259.2	12,400	65,400	37.5	274.8	6,900	61,100	43.3	284.7	1,600	57,000	220
225	27.4	249.9	11,400	63,300	35.0	267.8	6,100	59,200	41.1	279.0		55,200	225
230	23.9	239.1	10,500	61,300	32.3	260.1	5,400	57,300	38.8	272.9		53,400	230
235	19.9	226.2	9,600	59,400	29.4	251.4	4,600	55,500	36.3	266.2		51,700	235
240	14.8	209.4	8,700	57,500	26.2	241.6	3,900	53,800	33.8	258.8		50,100	240
245	6.2	180.4	7,600	55,700	22.5	230.2	3,200	52,100	31.0	250.7		48,500	245
250					18.2	216.2	2,400	50,500	28.0	241.6		47,000	250
255					12.4	196.9	1,700	48,900	24.6	231.1		45,600	255
260									20.7	218.6		44,200	260
265									15.8	202.8		42,800	265
270									8.4	177.9		41,400	270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

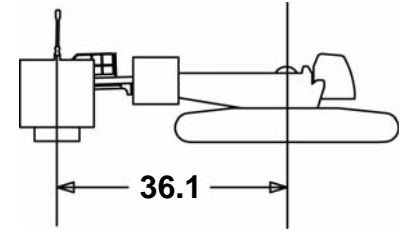
157.5 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	73.0	373.4	113,800	136,200*									85
90	71.6	371.8	105,100	135,700*									90
95	70.2	370.0	97,500	135,100*									95
100	68.7	368.0	90,700	133,600*									100
105	67.3	365.9	84,500	129,800*	69.7	368.4	76,800	131,200*					105
110	65.9	363.7	79,000	125,900*	68.2	366.4	71,700	130,900*					110
115	64.4	361.3	74,000	121,800*	66.8	364.2	67,000	130,600*					115
120	62.9	358.8	69,500	117,800*	65.4	361.9	62,800	130,300*	67.7	364.2	56,100	124,900*	120
125	61.4	356.0	65,300	113,600*	63.9	359.5	58,900	130,000*	66.3	362.0	52,500	124,900*	125
130	59.9	353.1	61,500	109,400*	62.4	356.9	55,400	129,600*	64.8	359.7	49,200	124,900*	130
135	58.3	350.1	58,000	105,300*	60.9	354.1	52,100	129,200*	63.3	357.2	46,200	124,900*	135
140	56.7	346.8	54,700	101,200*	59.3	351.1	49,100	125,600*	61.8	354.5	43,400	124,900*	140
145	55.1	343.3	51,700	97,200*	57.8	348.0	46,300	121,600*	60.3	351.7	40,800	119,600	145
150	53.5	339.6	48,900	93,200*	56.2	344.7	43,600	117,500*	58.8	348.7	38,400	114,500	150
155	51.8	335.7	46,300	89,400*	54.6	341.1	41,200	113,300*	57.2	345.5	36,200	109,700	155
160	50.1	331.6	43,800	85,700*	52.9	337.4	38,900	109,000	55.6	342.0	34,000	105,200	160
165	48.3	327.2	41,500	82,200*	51.2	333.4	36,800	104,300*	54.0	338.4	32,100	101,100	165
170	46.5	322.5	39,400	78,900*	49.5	329.1	34,800	99,800*	52.3	334.6	30,200	97,200	170
175	44.6	317.4	37,300	75,700*	47.7	324.6	32,900	95,300*	50.6	330.5	28,500	93,500	175
180	42.7	312.1	35,400	72,600*	45.9	319.8	31,100	91,100*	48.8	326.2	26,800	90,100	180
185	40.7	306.3	33,600	69,800*	44.0	314.7	29,400	87,200*	47.0	321.5	25,300	86,800	185
190	38.6	300.1	31,900	67,000*	42.0	309.2	27,800	83,500*	45.2	316.6	23,800	83,700	190
195	36.4	293.4	30,200	64,500*	40.0	303.3	26,300	80,000*	43.3	311.4	22,400	80,800	195
200	34.0	286.2	28,600	62,100*	37.8	296.9	24,800	76,800*	41.3	305.7	21,000	78,100	200
205	31.5	278.2	27,200	59,900*	35.6	290.0	23,500	73,700*	39.2	299.7	19,800	75,500	205
210	28.8	269.3	25,700	57,900*	33.2	282.5	22,100	70,700*	37.0	293.1	18,500	73,000	210
215	25.9	259.4	24,400	56,100*	30.6	274.3	20,900	67,900*	34.7	286.0	17,400	70,600	215
220	22.6	247.9	23,000	54,500*	27.9	265.1	19,700	65,300*	32.3	278.3	16,300	68,300	220
225	18.7	234.1	21,700	53,100*	24.8	254.7	18,500	62,700*	29.7	269.7	15,200	66,200	225
230	13.8	216.2	20,500	51,600*	21.3	242.5	17,300	60,200*	26.8	260.1	14,100	64,100	230
235	5.0	183.5	19,100	43,600*	17.2	227.6	16,200	57,100*	23.6	249.2	13,100	62,000*	235
240					11.6	207.1	15,100	51,300*	19.9	236.2	12,200	59,600*	240
245									15.4	219.8	11,200	57,100*	245
250									8.7	194.9	10,100	50,600*	250
255													255
260													260
265													265
270													270
275													275
280													280
285													285
290													290



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

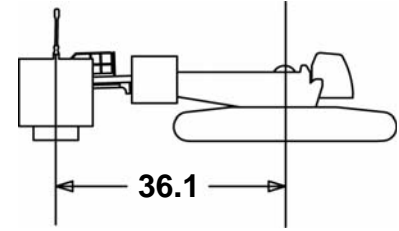
157.5 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85												85
90												90
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150	62.9	353.1	29,700	107,700								150
155	61.4	350.4	27,800	103,200								155
160	59.9	347.5	26,000	98,900								160
165	58.3	344.5	24,300	95,000								165
170	56.7	341.2	22,700	91,300								170
175	55.1	337.7	21,100	87,800								175
180	53.5	334.0	19,700	84,500	57.7	338.9	12,700	79,100				180
185	51.8	330.1	18,400	81,400	56.1	335.5	11,600	76,200				185
190	50.1	326.0	17,100	78,500	54.5	332.0	10,500	73,400				190
195	48.3	321.5	15,900	75,800	52.9	328.2	9,500	70,800				195
200	46.5	316.8	14,700	73,200	51.2	324.2	8,500	68,300				200
205	44.6	311.8	13,600	70,700	49.4	319.9	7,600	66,000				205
210	42.7	306.4	12,600	68,300	47.6	315.4	6,700	63,700	52.1	320.8	59,300	210
215	40.7	300.7	11,600	66,100	45.8	310.6	5,800	61,600	50.4	316.7	57,300	215
220	38.5	294.5	10,600	63,900	43.9	305.4	5,000	59,600	48.6	312.4	55,300	220
225	36.3	287.8	9,700	61,900	41.9	299.9	4,200	57,600	46.8	307.7	53,500	225
230	34.0	280.5	8,800	59,900	39.9	294.0	3,500	55,800	44.9	302.7	51,800	230
235	31.5	272.5	7,900	58,100	37.7	287.6	2,700	54,000	43.0	297.4	50,100	235
240	28.8	263.7	7,100	56,300	35.5	280.7	2,000	52,300	41.0	291.7	48,500	240
245	25.9	253.7	6,300	54,500	33.1	273.2		50,700	38.9	285.6	47,000	245
250	22.6	242.2	5,500	52,900	30.5	265.0		49,100	36.7	279.0	45,500	250
255	18.7	228.4	4,700	51,200	27.8	255.7		47,600	34.4	271.9	44,100	255
260	13.7	210.4	3,900	49,700	24.7	245.3		46,200	32.0	264.0	42,700	260
265	4.9	177.5	3,000	48,000	21.2	233.1		44,800	29.3	255.3	41,400	265
270					17.0	218.0		43,400	26.4	245.6	40,100	270
275					11.3	197.2		42,000	23.2	234.4	38,900	275
280									19.4	221.1	37,700	280
285									14.7	204.1	36,500	285
290									7.3	176.6	35,200	290



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



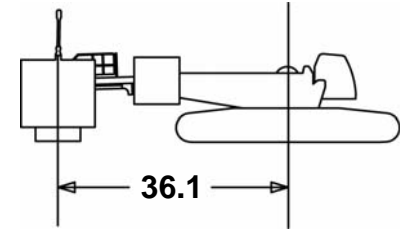
16000 MAX-ER

157.5 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95	71.9	390.9	96,100	114,700*									95
100	70.6	389.1	89,300	114,200*									100
105	69.3	387.2	83,100	113,600*									105
110	68.0	385.2	77,600	112,900*	70.1	387.5	70,000	110,800*					110
115	66.7	383.0	72,600	110,500*	68.8	385.6	65,400	110,500*					115
120	65.3	380.8	68,000	107,400*	67.5	383.5	61,200	110,100*					120
125	64.0	378.3	63,900	104,300*	66.2	381.3	57,300	109,700*					125
130	62.6	375.7	60,100	101,100*	64.9	379.0	53,800	109,200*	67.1	381.4	47,500	105,300*	130
135	61.2	373.0	56,500	97,900*	63.5	376.5	50,500	108,700*	65.7	379.1	44,500	105,200*	135
140	59.8	370.1	53,300	94,700*	62.1	373.9	47,500	108,300*	64.4	376.7	41,700	105,100*	140
145	58.4	367.0	50,300	91,500*	60.8	371.1	44,700	107,800*	63.0	374.2	39,100	104,900*	145
150	57.0	363.8	47,400	88,300*	59.3	368.1	42,000	107,300*	61.7	371.5	36,700	104,700*	150
155	55.5	360.4	44,800	85,100*	57.9	365.0	39,600	105,300*	60.3	368.6	34,400	104,400*	155
160	54.0	356.8	42,400	82,000*	56.5	361.7	37,300	102,200*	58.8	365.6	32,300	103,800	160
165	52.5	352.9	40,100	79,000*	55.0	358.2	35,200	99,000*	57.4	362.4	30,400	99,700	165
170	50.9	348.9	37,900	76,100*	53.5	354.5	33,200	95,800*	55.9	359.1	28,500	95,800	170
175	49.3	344.6	35,900	73,200*	51.9	350.6	31,300	92,600*	54.4	355.5	26,800	92,100	175
180	47.7	340.1	34,000	70,500*	50.4	346.5	29,600	89,400*	52.9	351.7	25,100	88,700	180
185	46.0	335.3	32,200	67,900*	48.8	342.1	27,900	86,300*	51.4	347.8	23,600	85,500	185
190	44.3	330.2	30,500	65,400*	47.1	337.5	26,300	82,600*	49.8	343.6	22,100	82,400	190
195	42.5	324.8	28,800	63,000*	45.4	332.6	24,800	79,100*	48.2	339.1	20,700	79,500	195
200	40.6	319.1	27,300	60,700*	43.7	327.4	23,300	75,800*	46.5	334.4	19,400	76,800	200
205	38.7	312.9	25,800	58,600*	41.9	321.9	22,000	72,700*	44.8	329.4	18,200	74,200	205
210	36.7	306.3	24,400	56,600*	40.0	316.0	20,700	69,700*	43.0	324.1	17,000	71,700	210
215	34.6	299.1	23,100	54,600*	38.0	309.7	19,400	67,000*	41.2	318.5	15,800	69,300	215
220	32.4	291.4	21,800	52,800*	36.0	302.9	18,300	64,300*	39.3	312.4	14,700	67,100	220
225	30.0	282.9	20,500	51,200*	33.8	295.6	17,100	61,800*	37.3	306.0	13,700	64,900	225
230	27.4	273.5	19,400	49,600*	31.5	287.6	16,000	59,300*	35.2	299.0	12,700	62,900	230
235	24.6	263.0	18,200	48,200*	29.1	278.8	15,000	57,000*	33.0	291.4	11,700	60,900	235
240	21.4	250.8	17,100	47,000*	26.4	269.1	13,900	54,800*	30.7	283.2	10,800	58,700*	240
245	17.6	236.2	16,000	46,000*	23.5	258.0	13,000	52,700*	28.2	274.1	9,900	56,400*	245
250	12.8	216.9	14,900	42,500*	20.1	245.1	12,000	50,600*	25.4	263.9	9,000	54,200*	250
255	3.5	179.1	13,700	35,000*	16.1	229.3	11,000	47,500*	22.4	252.3	8,100	52,100*	255
260					10.6	207.1	10,100	42,400*	18.8	238.5	7,300	50,000*	260
265									14.4	221.0	6,400	47,600*	265
270									7.7	193.8	5,500	41,800*	270
275													275
280													280
285													285
290													290
295													295
300													300
305													305
310													310

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

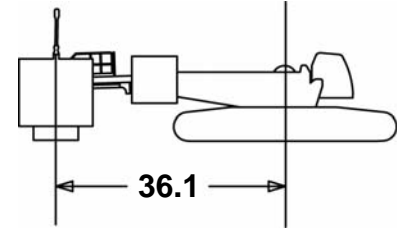
157.5 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160	62.6	370.1	24,000	95,800*								160
165	61.2	367.4	22,300	93,400								165
170	59.8	364.5	20,800	89,800								170
175	58.4	361.4	19,300	86,300								175
180	57.0	358.2	17,800	83,000								180
185	55.5	354.8	16,500	80,000								185
190	54.0	351.1	15,200	77,100	57.9	355.8	8,500	71,800				190
195	52.5	347.3	14,000	74,300	56.4	352.5	7,500	69,200				195
200	50.9	343.3	12,900	71,700	54.9	349.0	6,500	66,700				200
205	49.3	339.0	11,800	69,200	53.4	345.3	5,600	64,400				205
210	47.7	334.5	10,800	66,900	51.9	341.4	4,700	62,200				210
215	46.0	329.7	9,800	64,700	50.3	337.3	3,900	60,100				215
220	44.3	324.6	8,900	62,500	48.7	332.9	3,100	58,100	52.7	338.0	53,700	220
225	42.5	319.2	8,000	60,500	47.1	328.3	2,300	56,100	51.2	334.0	51,900	225
230	40.6	313.4	7,100	58,600	45.4	323.4	1,600	54,300	49.6	329.8	50,200	230
235	38.7	307.3	6,300	56,700	43.6	318.2		52,600	48.0	325.3	48,500	235
240	36.7	300.6	5,500	54,900	41.8	312.7		50,900	46.3	320.6	46,900	240
245	34.6	293.5	4,700	53,200	39.9	306.8		49,300	44.6	315.5	45,400	245
250	32.3	285.7	3,900	51,600	38.0	300.4		47,700	42.8	310.2	43,900	250
255	30.0	277.3	3,200	50,000	35.9	293.6		46,200	41.0	304.5	42,500	255
260	27.4	267.9	2,500	48,500	33.8	286.3		44,800	39.0	298.4	41,200	260
265	24.5	257.3	1,800	47,000	31.5	278.3		43,400	37.0	291.9	39,900	265
270	21.3	245.1		45,600	29.0	269.5		42,100	35.0	284.8	38,600	270
275	17.6	230.5		44,200	26.4	259.7		40,800	32.7	277.2	37,400	275
280	12.8	211.2		42,900	23.4	248.6		39,600	30.4	268.8	36,300	280
285	3.4	172.8		41,400	20.0	235.6		38,400	27.8	259.6	35,100	285
290					16.0	219.6		37,200	25.0	249.3	34,100	290
295					10.4	197.2		36,000	21.9	237.4	33,000	295
300									18.3	223.3	31,900	300
305									13.7	205.1	30,800*	305
310									6.2	174.7	29,600*	310



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



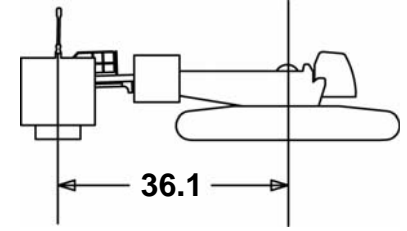
16000 MAX-ER

157.5 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	71.0	408.2	81,800	96,800*									105
110	69.8	406.4	76,300	96,200*									110
115	68.6	404.4	71,300	95,600*	70.5	406.6	64,000	93,800*					115
120	67.4	402.3	66,700	95,000*	69.4	404.8	59,700	93,500*					120
125	66.1	400.1	62,500	94,400*	68.1	402.8	55,900	93,100*					125
130	64.9	397.8	58,700	92,200*	66.9	400.6	52,300	92,700*					130
135	63.6	395.3	55,200	89,700*	65.7	398.4	49,000	92,200*	67.7	400.6	42,900	89,000*	135
140	62.4	392.7	51,900	87,200*	64.5	396.0	46,000	91,800*	66.5	398.5	40,100	88,800*	140
145	61.1	390.0	48,900	84,700*	63.2	393.5	43,200	91,300*	65.3	396.2	37,500	88,600*	145
150	59.8	387.1	46,100	82,100*	61.9	390.8	40,600	90,900*	64.0	393.7	35,100	88,400*	150
155	58.5	384.0	43,500	79,600*	60.7	388.0	38,200	90,400*	62.8	391.2	32,900	88,200*	155
160	57.2	380.8	41,000	77,100*	59.4	385.1	35,900	89,900*	61.5	388.5	30,800	87,900*	160
165	55.8	377.4	38,700	74,700*	58.0	382.0	33,800	89,500*	60.2	385.6	28,800	87,600*	165
170	54.4	373.8	36,600	72,200*	56.7	378.7	31,800	89,000*	58.9	382.6	27,000	87,300*	170
175	53.0	370.1	34,500	69,800*	55.3	375.2	29,900	86,600*	57.6	379.4	25,300	87,000*	175
180	51.6	366.1	32,600	67,500*	54.0	371.6	28,100	84,100*	56.2	376.1	23,600	86,700*	180
185	50.2	362.0	30,800	65,200*	52.6	367.8	26,400	81,600*	54.8	372.6	22,100	84,200	185
190	48.7	357.6	29,100	62,900*	51.1	363.8	24,900	79,100*	53.5	368.9	20,600	81,200	190
195	47.2	353.0	27,500	60,800*	49.7	359.6	23,400	76,600*	52.0	365.0	19,200	78,300	195
200	45.6	348.2	26,000	58,700*	48.2	355.1	21,900	74,300*	50.6	360.9	17,900	75,500	200
205	44.0	343.0	24,500	56,800*	46.6	350.4	20,600	71,200*	49.1	356.6	16,700	73,000	205
210	42.3	337.6	23,100	54,900*	45.0	345.5	19,300	68,300*	47.6	352.1	15,500	70,500	210
215	40.6	331.8	21,800	53,100*	43.4	340.2	18,100	65,500*	46.1	347.3	14,400	68,100	215
220	38.8	325.7	20,500	51,400*	41.7	334.7	16,900	62,900*	44.5	342.2	13,300	65,900	220
225	37.0	319.1	19,300	49,700*	40.0	328.8	15,800	60,400*	42.8	336.9	12,200	63,800	225
230	35.1	312.1	18,100	48,200*	38.2	322.5	14,700	58,100*	41.1	331.2	11,200	61,700	230
235	33.0	304.5	17,000	46,700*	36.3	315.8	13,600	55,800*	39.4	325.2	10,300	59,700*	235
240	30.9	296.3	15,900	45,400*	34.4	308.6	12,700	53,700*	37.6	318.8	9,400	57,400*	240
245	28.6	287.4	14,900	44,100*	32.3	300.8	11,700	51,600*	35.7	311.9	8,500	55,200*	245
250	26.1	277.5	13,900	42,900*	30.1	292.4	10,800	49,600*	33.7	304.5	7,600	53,100*	250
255	23.4	266.3	12,900	41,900*	27.8	283.1	9,900	47,700*	31.5	296.5	6,800	51,100*	255
260	20.3	253.5	12,000	41,000*	25.2	272.8	9,000	45,900*	29.3	287.8	6,000	49,100*	260
265	16.6	238.0	11,000	39,000*	22.4	261.1	8,200	44,100*	26.9	278.2	5,300	47,200*	265
270	11.9	217.4	10,100	34,800*	19.1	247.5	7,300	42,300*	24.2	267.4	4,500	45,400*	270
275					15.2	230.7	6,500	39,300*	21.2	255.1	3,800	43,600*	275
280					9.7	206.9	5,600	34,800*	17.8	240.6	3,000	41,900*	280
285									13.5	222.0	2,300	39,400*	285
290									6.7	192.2	1,500	34,200*	290
295													295
300													300
305													305
310													310
315													315
320													320
325													325
330													330

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

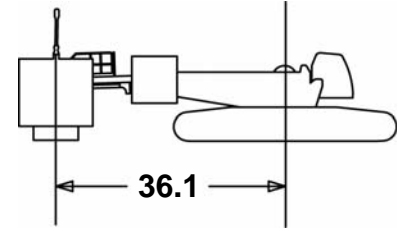
157.5 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160												160
165												165
170	62.4	387.1	19,100	80,800*								170
175	61.1	384.3	17,600	80,800*								175
180	59.8	381.4	16,200	80,800*								180
185	58.5	378.4	14,900	78,600								185
190	57.2	375.2	13,600	75,700								190
195	55.8	371.8	12,400	73,000								195
200	54.4	368.2	11,300	70,400	58.0	372.8	4,800	65,300				200
205	53.0	364.5	10,200	67,900	56.7	369.5	3,900	63,000				205
210	51.6	360.5	9,200	65,600	55.3	366.1	3,000	60,800				210
215	50.2	356.4	8,200	63,400	53.9	362.4	2,200	58,700				215
220	48.7	352.0	7,300	61,300	52.5	358.6		56,700				220
225	47.1	347.4	6,400	59,200	51.1	354.6		54,800				225
230	45.6	342.5	5,600	57,300	49.6	350.4		53,000				230
235	44.0	337.4	4,700	55,500	48.1	345.9		51,200	51.9	351.3	47,100	235
240	42.3	331.9	3,900	53,700	46.6	341.2		49,600	50.4	347.1	45,500	240
245	40.6	326.2	3,200	52,000	45.0	336.2		48,000	48.9	342.8	44,000	245
250	38.8	320.0	2,500	50,400	43.4	331.0		46,400	47.4	338.2	42,600	250
255	37.0	313.5	1,800	48,800	41.7	325.4		45,000	45.9	333.4	41,200	255
260	35.1	306.4		47,300	40.0	319.5		43,500	44.3	328.3	39,800	260
265	33.0	298.9		45,900	38.2	313.2		42,200	42.6	322.9	38,600	265
270	30.9	290.7		44,500	36.3	306.5		40,900	40.9	317.2	37,300	270
275	28.6	281.7		43,200	34.3	299.3		39,600	39.1	311.1	36,100	275
280	26.1	271.8		41,900	32.2	291.5		38,400	37.3	304.7	35,000	280
285	23.4	260.6		40,600	30.0	283.0		37,200	35.4	297.7	33,900*	285
290	20.3	247.8		39,400	27.7	273.7		36,100	33.4	290.3	32,700*	290
295	16.6	232.2		38,200	25.1	263.4		35,000	31.3	282.2	31,500*	295
300	11.9	211.7		37,000	22.3	251.7		33,900	29.0	273.4	30,400*	300
305					19.0	238.0		32,800	26.5	263.6	29,300*	305
310					15.0	221.0		31,800	23.8	252.7	28,200*	310
315					9.5	196.9		30,700	20.8	240.2	27,200*	315
320									17.3	225.2	26,100*	320
325									12.8	205.9	25,100*	325
330									5.2	172.0	24,000*	330



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

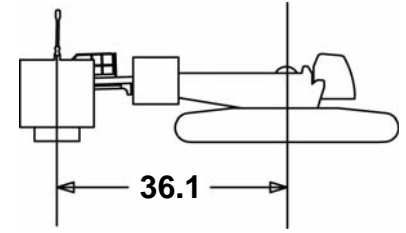
157.5 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115	70.2	425.5	69,700	81,500*									115
120	69.1	423.6	65,100	80,900*	70.9	425.8	57,900	79,600*					120
125	67.9	421.6	60,900	80,300*	69.8	423.9	54,100	79,200*					125
130	66.8	419.5	57,100	79,700*	68.7	422.0	50,500	78,700*					130
135	65.7	417.2	53,600	79,000*	67.5	419.9	47,300	78,300*					135
140	64.5	414.8	50,300	78,400*	66.4	417.7	44,200	77,800*					140
145	63.3	412.3	47,300	77,300*	65.3	415.4	41,400	77,300*	67.1	417.8	35,600	75,000*	145
150	62.2	409.7	44,500	75,400*	64.1	413.0	38,800	76,800*	66.0	415.5	33,200	74,700*	150
155	61.0	406.9	41,800	73,400*	62.9	410.5	36,400	76,300*	64.9	413.2	31,000	74,400*	155
160	59.8	404.0	39,400	71,400*	61.8	407.8	34,100	75,800*	63.7	410.7	28,900	74,100*	160
165	58.6	401.0	37,100	69,400*	60.6	405.0	32,000	75,300*	62.5	408.1	26,900	73,800*	165
170	57.3	397.8	34,900	67,400*	59.4	402.0	30,000	74,800*	61.3	405.4	25,100	73,400*	170
175	56.1	394.4	32,900	65,500*	58.1	398.9	28,100	74,300*	60.1	402.5	23,400	73,100*	175
180	54.8	390.9	31,000	63,600*	56.9	395.7	26,400	73,900*	58.9	399.5	21,800	72,700*	180
185	53.5	387.2	29,200	61,700*	55.6	392.3	24,700	73,400*	57.7	396.4	20,200	72,400*	185
190	52.2	383.4	27,500	59,800*	54.4	388.7	23,100	72,900*	56.5	393.1	18,800	72,000*	190
195	50.9	379.3	25,900	58,000*	53.1	385.0	21,600	71,800*	55.2	389.6	17,400	71,600*	195
200	49.5	375.1	24,300	56,200*	51.7	381.0	20,200	69,900*	53.9	386.0	16,100	71,300*	200
205	48.1	370.6	22,900	54,400*	50.4	376.9	18,900	67,900*	52.6	382.2	14,900	70,900*	205
210	46.7	365.9	21,500	52,800*	49.0	372.6	17,600	66,100*	51.3	378.2	13,700	69,000	210
215	45.2	361.0	20,200	51,100*	47.6	368.1	16,400	64,000*	49.9	374.0	12,600	66,700	215
220	43.7	355.8	18,900	49,600*	46.2	363.3	15,200	61,400*	48.5	369.6	11,500	64,500	220
225	42.2	350.3	17,700	48,100*	44.7	358.3	14,100	58,900*	47.1	365.0	10,500	62,300	225
230	40.6	344.5	16,600	46,600*	43.2	353.0	13,000	56,600*	45.7	360.1	9,500	60,300	230
235	39.0	338.4	15,500	45,300*	41.6	347.4	12,000	54,400*	44.2	355.0	8,500	58,200*	235
240	37.3	331.9	14,400	43,900*	40.0	341.5	11,000	52,200*	42.7	349.6	7,600	55,900*	240
245	35.5	325.0	13,400	42,700*	38.4	335.3	10,100	50,200*	41.1	344.0	6,800	53,700*	245
250	33.6	317.6	12,400	41,500*	36.6	328.6	9,200	48,200*	39.5	337.9	5,900	51,600*	250
255	31.7	309.6	11,400	40,400*	34.8	321.5	8,300	46,300*	37.8	331.6	5,100	49,600*	255
260	29.6	301.0	10,500	39,300*	33.0	314.0	7,400	44,500*	36.0	324.8	4,400	47,700*	260
265	27.4	291.6	9,600	38,400*	31.0	305.8	6,600	42,800*	34.2	317.5	3,600	45,800*	265
270	25.0	281.1	8,800	37,500*	28.8	296.9	5,800	41,100*	32.3	309.7	2,900	44,100*	270
275	22.3	269.4	7,900	36,700*	26.6	287.1	5,100	39,500*	30.2	301.3	2,200	42,300*	275
280	19.3	255.9	7,100	34,700*	24.1	276.3	4,300	37,900*	28.0	292.1	1,500	40,700*	280
285	15.8	239.5	6,300	31,500*	21.3	264.0	3,600	36,300*	25.7	282.0		39,000*	285
290	11.1	217.7	5,500	27,800*	18.2	249.7	2,900	34,800*	23.1	270.7		37,500*	290
295					14.3	231.9	2,100	31,800*	20.3	257.8		35,900*	295
300					8.9	206.4		27,700*	16.9	242.4		34,400*	300
305									12.7	222.7		32,000*	305
310									5.8	190.0		27,200*	310
315													315
320													320
325													325
330													330
335													335
340													340
345													345
350													350



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

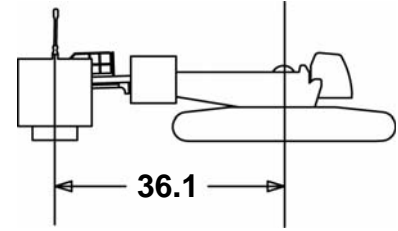
157.5 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
115											115
120											120
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170											170
175											175
180	62.2	404.1	14,200	67,900*							180
185	61.0	401.3	12,800	67,900*							185
190	59.8	398.4	11,600	67,900*							190
195	58.6	395.4	10,400	67,800*							195
200	57.3	392.1	9,300	67,700*							200
205	56.1	388.8	8,200	66,400							205
210	54.8	385.3	7,200	64,000							210
215	53.5	381.6	6,300	61,800	56.9	386.5	57,000				215
220	52.2	377.7	5,300	59,700	55.6	383.1	55,000				220
225	50.9	373.7	4,500	57,700	54.3	379.5	53,100				225
230	49.5	369.4	3,600	55,800	53.0	375.8	51,300				230
235	48.1	365.0	2,800	53,900	51.7	371.8	49,600				235
240	46.7	360.3	2,000	52,200	50.4	367.7	47,900				240
245	45.2	355.4		50,500	49.0	363.4	46,400	52.4	368.5	42,300	245
250	43.7	350.2		48,900	47.6	358.9	44,800	51.1	364.4	40,900	250
255	42.2	344.7		47,300	46.1	354.1	43,400	49.7	360.2	39,500	255
260	40.6	338.9		45,900	44.7	349.0	42,000	48.3	355.8	38,200	260
265	38.9	332.8		44,400	43.2	343.8	40,600	46.9	351.1	36,800*	265
270	37.2	326.3		43,100	41.6	338.2	39,300	45.5	346.3	35,400*	270
275	35.5	319.4		41,700	40.0	332.3	38,100	44.0	341.1	34,100*	275
280	33.6	311.9		40,400	38.3	326.0	36,900	42.4	335.7	32,900*	280
285	31.6	304.0		39,200	36.6	319.4	35,700	40.9	330.0	31,700*	285
290	29.6	295.3		38,000	34.8	312.3	34,600	39.2	323.9	30,500*	290
295	27.4	285.9		36,800	32.9	304.6	33,500	37.5	317.5	29,300*	295
300	24.9	275.5		35,700	30.9	296.4	32,400	35.8	310.6	28,200*	300
305	22.3	263.7		34,600	28.8	287.5	31,300*	33.9	303.3	27,200*	305
310	19.3	250.2		33,600	26.5	277.7	30,200*	32.0	295.4	26,100*	310
315	15.7	233.8		32,500	24.0	266.9	29,100*	29.9	286.9	25,100*	315
320	11.1	211.9		31,500	21.2	254.6	28,100*	27.7	277.6	24,100*	320
325					18.1	240.1	27,000*	25.4	267.4	23,200*	325
330					14.2	222.2	26,000*	22.8	255.9	22,200*	330
335					8.7	196.2	24,900*	19.8	242.7	21,300*	335
340								16.4	227.0	20,400*	340
345								12.0	206.4	19,500*	345
350								4.0	168.2	18,500*	350



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



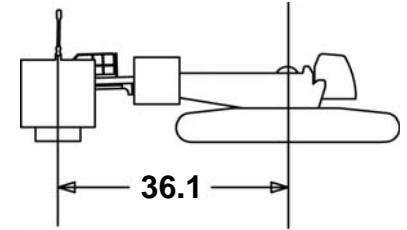
16000 MAX-ER

177.2 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
45	73.7	261.7	268,700	391,400*c									45
50	69.8	259.8	235,000	352,300*c									50
55	65.9	257.6	208,400	318,000*b									55
60	61.7	254.9	186,900	290,400*b	69.3	258.5	172,800	370,500*c					60
65	57.4	251.8	169,000	268,100*b	65.3	256.2	156,200	346,200*b					65
70	52.9	248.1	154,000	249,500*	61.2	253.5	142,300	319,500b					70
75	48.1	243.6	141,100	234,200*	56.8	250.2	130,400	292,900b	64.7	254.3	119,500	284,100b	75
80	42.8	238.4	130,000	221,700*	52.2	246.4	120,100	270,200	60.5	251.5	110,000	262,100b	80
85	36.9	232.0	120,200	211,700*	47.3	241.9	111,100	250,600	56.1	248.1	101,700	243,100b	85
90	29.9	223.8	111,500	204,300*	42.0	236.5	103,100	233,400	51.5	244.2	94,400	226,500	90
95	20.7	212.3	103,600	200,300*	36.0	229.9	95,900	218,300	46.5	239.6	87,900	211,900	95
100					28.8	221.4	89,500	204,900	41.1	234.0	82,000	198,900	100
105					19.1	209.0	83,500	192,700	34.9	227.2	76,700	187,300	105
110									27.5	218.3	71,800	176,700	110
115									17.1	204.9	67,100	167,100	115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

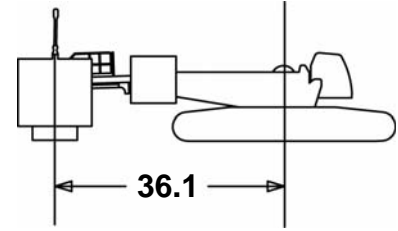
177.2 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
45													45
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95	60.6	247.9	74,200	200,900 ^b									95
100	56.3	244.6	69,200	188,700 ^b									100
105	51.7	240.7	64,700	177,700									105
110	46.7	236.1	60,500	167,800									110
115	41.3	230.6	56,800	158,900	56.1	239.6	45,900	150,300 ^b					115
120	35.2	223.8	53,200	150,700	51.5	235.6	43,000	142,600					120
125	27.8	215.0	50,000	143,200	46.5	231.0	40,300	135,600					125
130	17.5	201.8	46,700	136,200	41.0	225.4	37,800	129,200					130
135					34.9	218.5	35,500	123,200	50.8	228.8	26,700	116,300	135
140					27.4	209.6	33,200	117,600	45.8	224.1	24,900	111,200	140
145					16.9	196.1	30,900	112,400	40.2	218.3	23,300	106,300	145
150									33.9	211.2	21,600	101,800	150
155									26.2	201.9	20,100	97,600	155
160									14.8	187.1	18,400	93,500	160



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



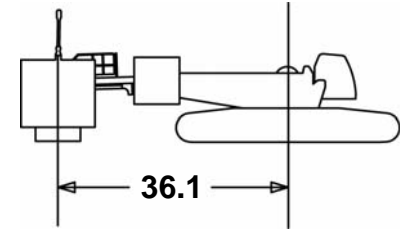
16000 MAX-ER

177.2 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
55	71.0	279.0	208,400	317,900*b									55
60	67.8	277.0	186,700	289,000*b									60
65	64.6	274.6	168,800	265,400*b	70.5	277.7	155,500	333,300*b					65
70	61.3	271.9	153,800	245,600*	67.4	275.6	141,600	318,600*b					70
75	57.9	268.8	141,000	229,200*	64.1	273.2	129,700	292,100b					75
80	54.3	265.2	129,900	215,200*	60.8	270.4	119,500	269,500	66.9	273.7	109,000	261,000b	80
85	50.5	261.1	120,200	203,400*	57.4	267.2	110,500	249,900	63.6	271.2	100,800	242,100b	85
90	46.6	256.5	111,700	193,300*	53.8	263.6	102,600	232,900	60.3	268.4	93,500	225,600	90
95	42.3	251.1	104,100	184,900*	50.0	259.5	95,600	217,900	56.8	265.2	87,100	211,000	95
100	37.6	244.8	97,300	177,900*	46.0	254.7	89,300	204,600	53.2	261.5	81,300	198,200	100
105	32.3	237.2	91,100	172,500*	41.7	249.2	83,700	192,700	49.4	257.2	76,100	186,600	105
110	26.1	227.7	85,500	166,300*	36.9	242.8	78,500	181,900	45.3	252.4	71,400	176,300	110
115	17.7	214.2	80,200	154,700*	31.5	235.0	73,800	172,200	41.0	246.8	67,100	166,900	115
120					25.1	225.1	69,400	163,400	36.1	240.1	63,100	158,400	120
125					16.2	210.6	65,200	155,200	30.6	232.1	59,500	150,600	125
130									23.9	221.7	56,000	143,400	130
135									14.3	205.9	52,600	136,600	135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



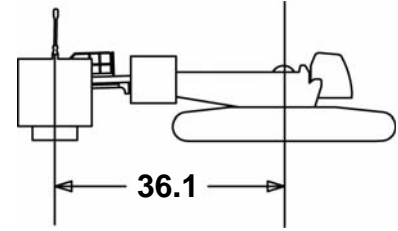
16000 MAX-ER

177.2 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105	60.4	264.9	63,400	176,600									105
110	56.9	261.7	59,400	166,800									110
115	53.3	258.0	55,700	157,900									115
120	49.5	253.8	52,400	149,900									120
125	45.5	248.9	49,300	142,500	56.8	256.6	39,000	134,500					125
130	41.1	243.3	46,400	135,800	53.2	252.9	36,600	128,100					130
135	36.3	236.7	43,700	129,600	49.4	248.6	34,400	122,200					135
140	30.8	228.8	41,200	123,800	45.3	243.8	32,300	116,800					140
145	24.1	218.5	38,800	118,400	40.9	238.1	30,400	111,800	52.6	246.1	21,900	105,200	145
150	14.7	203.0	36,400	113,300	36.1	231.5	28,500	107,100	48.8	241.8	20,400	100,800	150
155					30.5	223.4	26,700	102,700	44.7	236.8	19,000	96,700	155
160					23.8	213.0	25,000	98,600	40.3	231.1	17,700	92,900	160
165					14.1	197.1	23,300	94,600	35.3	224.3	16,400	89,200	165
170									29.7	215.9	15,200	85,800	170
175									22.7	205.1	13,900	82,600	175
180									12.1	187.5	12,600	79,400	180

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
137,850 lb Hanging Counterweight
at 36.1 ft Position
360 Degree Rating



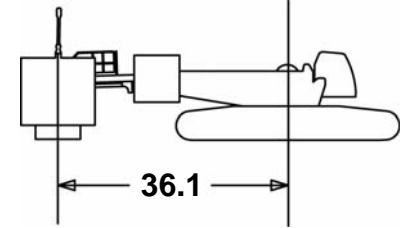
16000 MAX-ER

177.2 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60	71.7	298.1	185,900	289,600*b									60
65	69.1	296.2	167,900	264,700*b									65
70	66.5	294.0	152,800	244,100*									70
75	63.8	291.6	140,000	226,800*	68.7	294.9	128,300	288,900*b					75
80	61.0	288.8	128,900	212,100*	66.1	292.7	118,100	268,100					80
85	58.1	285.7	119,200	199,500*	63.4	290.2	109,100	248,600					85
90	55.2	282.3	110,700	188,700*	60.6	287.4	101,300	231,600	65.7	290.8	91,800	224,100	90
95	52.1	278.4	103,200	179,300*	57.7	284.2	94,300	216,700	62.9	288.2	85,400	209,600	95
100	48.9	274.1	96,400	171,100*	54.8	280.7	88,100	203,400	60.2	285.4	79,700	196,700	100
105	45.6	269.3	90,400	164,100*	51.7	276.8	82,500	191,600	57.3	282.2	74,500	185,300	105
110	42.0	263.9	84,900	157,100*	48.5	272.4	77,400	180,900	54.3	278.6	69,900	175,000	110
115	38.1	257.6	79,900	147,800*	45.1	267.5	72,800	171,300	51.2	274.6	65,600	165,700	115
120	33.8	250.4	75,300	139,600*	41.4	262.0	68,600	162,600	47.9	270.2	61,800	157,200	120
125	29.0	241.8	71,000	132,400*	37.5	255.6	64,700	154,600	44.5	265.2	58,200	149,500	125
130	23.2	231.0	67,000	126,700*	33.2	248.2	61,100	147,200	40.9	259.5	54,900	142,400	130
135	15.4	215.7	63,200	122,300*	28.3	239.4	57,700	140,500	36.9	253.0	51,900	135,900	135
140					22.3	228.2	54,500	134,200	32.5	245.4	49,000	129,900	140
145					13.9	211.7	51,400	123,200*	27.4	236.3	46,300	124,300	145
150									21.2	224.6	43,800	119,000	150
155									12.1	206.4	41,200	114,000	155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



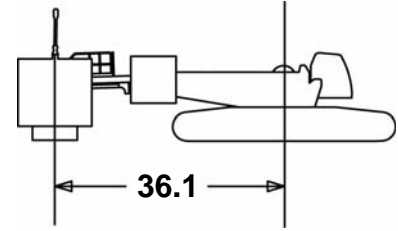
16000 MAX-ER

177.2 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115	60.2	281.8	53,800	156,300									115
120	57.4	278.7	50,500	148,300									120
125	54.4	275.1	47,400	141,000									125
130	51.3	271.1	44,600	134,300									130
135	48.1	266.7	42,000	128,200	57.2	273.6	32,200	120,500					135
140	44.6	261.7	39,600	122,500	54.3	270.0	30,200	115,200					140
145	41.0	256.1	37,400	117,200	51.2	266.0	28,400	110,200					145
150	37.0	249.6	35,300	112,300	47.9	261.6	26,600	105,600					150
155	32.6	242.1	33,300	107,800	44.5	256.6	25,000	101,300					155
160	27.6	233.0	31,400	103,500	40.8	250.9	23,400	97,300	50.7	259.2	15,500	91,100	160
165	21.5	221.4	29,500	99,400	36.8	244.4	22,000	93,500	47.4	254.7	14,400	87,600	165
170	12.5	203.6	27,600	95,500	32.4	236.8	20,500	90,000	44.0	249.6	13,200	84,300	170
175					27.4	227.6	19,200	86,600	40.3	243.8	12,200	81,200	175
180					21.2	215.9	17,800	83,400	36.2	237.2	11,100	78,200	180
185					12.0	197.6	16,400	80,300	31.8	229.4	10,200	75,400	185
190									26.6	220.0	9,200	72,700	190
195									20.1	207.7	8,200	70,100	195
200									9.9	187.3	7,100	67,600	200

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
137,850 lb Hanging Counterweight
at 36.1 ft Position
360 Degree Rating



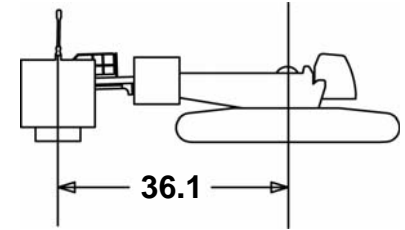
16000 MAX-ER

177.2 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	72.2	317.2	167,300	248,900*b									65
70	70.0	315.4	152,100	238,800*									70
75	67.8	313.4	139,200	227,200*									75
80	65.5	311.1	128,100	211,900*	69.7	314.1	117,000	257,900*					80
85	63.1	308.6	118,400	198,600*	67.4	312.0	108,000	247,500					85
90	60.8	305.8	109,900	187,200*	65.1	309.7	100,200	230,500					90
95	58.3	302.7	102,300	177,000*	62.8	307.1	93,200	215,600	67.1	310.1	84,100	208,400	95
100	55.8	299.3	95,600	168,300*	60.4	304.3	87,000	202,400	64.8	307.8	78,400	195,500	100
105	53.2	295.6	89,500	160,600*	58.0	301.2	81,400	190,500	62.4	305.2	73,200	184,100	105
110	50.5	291.6	84,100	152,100*	55.5	297.8	76,300	179,900	60.1	302.3	68,600	173,800	110
115	47.8	287.1	79,100	143,200*	52.9	294.0	71,700	170,300	57.6	299.2	64,400	164,600	115
120	44.8	282.1	74,600	135,000*	50.2	289.9	67,600	161,600	55.1	295.7	60,600	156,100	120
125	41.7	276.6	70,400	127,400*	47.4	285.4	63,700	153,700	52.5	291.9	57,000	148,500	125
130	38.4	270.4	66,500	120,500*	44.4	280.3	60,200	146,400	49.7	287.7	53,800	141,400	130
135	34.9	263.4	63,000	114,300*	41.3	274.7	56,900	139,700	46.9	283.1	50,800	134,900	135
140	30.9	255.4	59,700	108,700*	37.9	268.4	53,900	133,600	43.9	278.0	48,000	129,000	140
145	26.4	245.8	56,600	103,900*	34.3	261.3	51,000	127,800	40.8	272.3	45,400	123,400	145
150	21.0	233.8	53,600	100,100*	30.3	253.1	48,400	122,500	37.4	265.9	43,000	118,300	150
155	13.6	216.6	50,700	97,700*	25.7	243.2	45,800	117,500	33.7	258.6	40,700	113,500	155
160					20.1	230.8	43,400	112,800	29.7	250.1	38,500	109,000	160
165					12.1	212.2	41,000	100,200*	24.9	240.0	36,500	104,800	165
170									19.1	226.9	34,500	100,800	170
175									10.3	206.3	32,500	96,900	175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
215													215
220													220

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

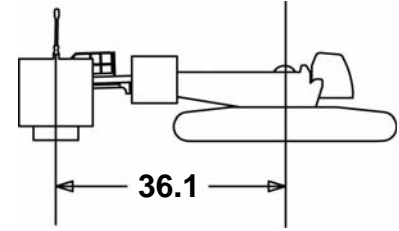
177.2 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120	62.5	301.6	48,900	147,000									120
125	60.1	298.8	45,900	139,700									125
130	57.7	295.6	43,200	133,100									130
135	55.1	292.2	40,600	127,000									135
140	52.5	288.4	38,200	121,300									140
145	49.8	284.2	36,000	116,100	57.6	290.6	26,800	108,900					145
150	47.0	279.6	34,000	111,300	55.0	287.1	25,100	104,300					150
155	44.0	274.5	32,100	106,700	52.4	283.3	23,500	100,000					155
160	40.9	268.8	30,200	102,500	49.7	279.1	22,000	96,100					160
165	37.5	262.5	28,500	98,600	46.9	274.5	20,500	92,300					165
170	33.9	255.2	26,900	94,800	43.9	269.3	19,200	88,800	52.1	276.5	11,600	82,900	170
175	29.8	246.8	25,400	91,300	40.7	263.6	17,900	85,600	49.3	272.3	10,600	79,900	175
180	25.1	236.7	23,900	88,000	37.4	257.2	16,700	82,400	46.5	267.6	9,600	76,900	180
185	19.3	223.8	22,400	84,800	33.7	249.9	15,600	79,500	43.5	262.4	8,700	74,200	185
190	10.7	203.7	20,900	81,700	29.6	241.5	14,400	76,700	40.3	256.6	7,800	71,600	190
195					24.9	231.3	13,400	74,100	36.9	250.1	7,000	69,100	195
200					19.1	218.2	12,300	71,500	33.2	242.6	6,200	66,800	200
205					10.2	197.4	11,100	69,000	29.0	234.0	5,400	64,500	205
210									24.2	223.5	4,600	62,400	210
215									18.1	209.8	3,800	60,300	215
220									8.1	186.3	2,800	58,200	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



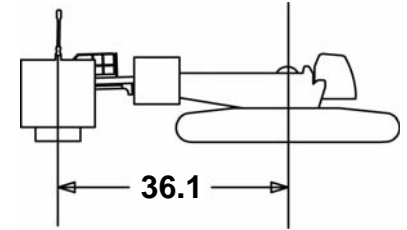
16000 MAX-ER

177.2 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	72.6	336.3	150,900	213,200*									70
75	70.7	334.6	138,000	205,700*									75
80	68.7	332.6	126,800	197,700*									80
85	66.7	330.5	117,100	189,200*	70.4	333.2	106,400	217,000*					85
90	64.7	328.1	108,600	180,500*	68.4	331.3	98,600	217,000*					90
95	62.7	325.5	101,000	171,700*	66.5	329.1	91,600	212,300*					95
100	60.6	322.7	94,300	163,000*	64.4	326.7	85,400	201,000					100
105	58.5	319.7	88,200	154,500*	62.4	324.1	79,800	189,200	66.2	327.2	71,400	182,600	105
110	56.3	316.4	82,800	146,300*	60.3	321.3	74,800	178,600	64.1	324.8	66,800	172,300	110
115	54.0	312.8	77,800	138,300*	58.2	318.2	70,200	169,000	62.1	322.1	62,600	163,100	115
120	51.7	308.9	73,300	130,900*	56.0	314.8	66,000	160,300	60.0	319.3	58,800	154,700	120
125	49.3	304.6	69,100	123,800*	53.7	311.2	62,200	152,400	57.8	316.1	55,300	147,000	125
130	46.9	300.0	65,300	117,300*	51.4	307.2	58,700	145,200	55.6	312.7	52,100	140,000	130
135	44.3	294.9	61,800	111,100*	49.0	302.9	55,500	138,500	53.4	309.0	49,100	133,500	135
140	41.6	289.3	58,500	105,400*	46.5	298.2	52,400	132,400	51.0	305.0	46,400	127,600	140
145	38.7	283.2	55,500	100,200*	43.9	293.1	49,700	126,700	48.6	300.7	43,800	122,100	145
150	35.6	276.4	52,600	95,400*	41.2	287.5	47,000	121,400	46.1	295.9	41,400	117,000	150
155	32.3	268.7	50,000	91,100*	38.3	281.2	44,600	116,400	43.5	290.7	39,200	112,200	155
160	28.6	259.8	47,500	87,200*	35.1	274.3	42,300	111,100*	40.7	285.0	37,100	107,800	160
165	24.3	249.3	45,100	83,900*	31.8	266.4	40,100	105,600*	37.8	278.7	35,100	103,600	165
170	19.2	236.2	42,800	81,300*	28.0	257.4	38,100	100,700*	34.6	271.6	33,200	99,700	170
175	12.0	217.1	40,500	79,800*	23.7	246.6	36,100	96,300*	31.2	263.6	31,500	96,000	175
180					18.4	233.0	34,200	92,700*	27.4	254.3	29,800	92,600	180
185					10.6	212.2	32,300	82,300*	22.9	243.2	28,200	89,300	185
190									17.4	228.9	26,600	86,100	190
195									8.8	205.7	24,900	82,700*	195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

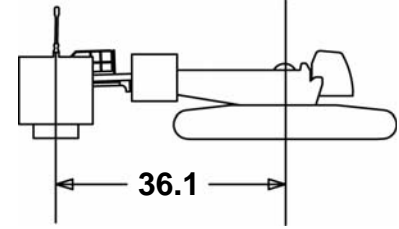
177.2 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130	62.1	318.6	41,100	131,400									130
135	60.0	315.7	38,600	125,300									135
140	57.9	312.6	36,200	119,700									140
145	55.7	309.2	34,100	114,500									145
150	53.4	305.5	32,100	109,700									150
155	51.1	301.5	30,200	105,200	57.8	307.5	21,300	98,300					155
160	48.7	297.2	28,400	101,000	55.6	304.1	19,800	94,300					160
165	46.2	292.5	26,700	97,100	53.3	300.5	18,400	90,600					165
170	43.6	287.3	25,200	93,400	51.0	296.4	17,100	87,200					170
175	40.8	281.6	23,700	90,000	48.6	292.1	15,900	83,900					175
180	37.9	275.3	22,300	86,700	46.1	287.3	14,800	80,900					180
185	34.7	268.2	20,900	83,600	43.5	282.1	13,600	78,000	50.7	289.6	6,500	72,400	185
190	31.3	260.2	19,600	80,700	40.7	276.4	12,600	75,200	48.3	285.2	5,700	69,900	190
195	27.5	251.0	18,400	77,900	37.8	270.0	11,600	72,600	45.7	280.4	4,900	67,400	195
200	23.1	240.0	17,200	75,300	34.6	263.0	10,600	70,200	43.1	275.1	4,100	65,100	200
205	17.6	225.8	16,000	72,700	31.2	254.9	9,700	67,800	40.3	269.3	3,400	62,900	205
210	9.2	203.2	14,700	70,200	27.3	245.7	8,800	65,600	37.3	262.9	2,700	60,800	210
215					22.9	234.5	7,900	63,400	34.1	255.7	2,000	58,900	215
220					17.4	220.1	7,000	61,300	30.7	247.5		56,900	220
225					8.6	196.7	6,000	59,300	26.8	238.0		55,100	225
230									22.2	226.6		53,300	230
235									16.4	211.5		51,600	235
240									6.4	184.5		49,800	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



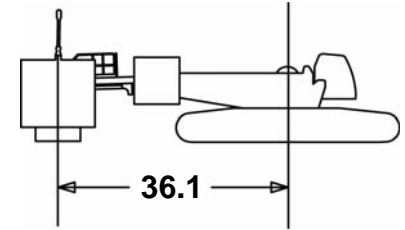
16000 MAX-ER

177.2 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	72.9	355.4	137,000	183,600*									75
80	71.2	353.7	125,800	178,100*									80
85	69.5	351.8	116,000	172,100*									85
90	67.7	349.8	107,500	165,900*	71.0	352.4	97,300	180,300*					90
95	66.0	347.5	99,900	159,300*	69.2	350.5	90,300	180,300*					95
100	64.2	345.1	93,100	152,600*	67.5	348.4	84,100	180,300*					100
105	62.3	342.5	87,100	145,900*	65.7	346.2	78,500	179,700*					105
110	60.5	339.7	81,600	139,200*	63.9	343.7	73,500	173,800*	67.2	346.5	65,300	171,000	110
115	58.6	336.6	76,700	132,600*	62.1	341.1	68,900	167,500*	65.4	344.3	61,100	161,800	115
120	56.7	333.4	72,100	126,200*	60.2	338.2	64,700	159,200	63.6	341.8	57,300	153,400	120
125	54.7	329.9	68,000	120,000*	58.3	335.1	60,900	151,300	61.8	339.1	53,800	145,800	125
130	52.6	326.1	64,200	114,000*	56.4	331.8	57,400	144,100	59.9	336.2	50,600	138,800	130
135	50.6	322.0	60,700	108,400*	54.4	328.3	54,200	137,400	58.0	333.1	47,700	132,300	135
140	48.4	317.6	57,400	103,100*	52.4	324.5	51,200	131,300	56.1	329.8	45,000	126,400	140
145	46.2	312.8	54,400	98,100*	50.3	320.3	48,400	125,600	54.1	326.2	42,400	120,900	145
150	43.9	307.7	51,600	93,400*	48.1	315.9	45,800	120,300	52.0	322.3	40,000	115,800	150
155	41.4	302.1	49,000	89,000*	45.9	311.1	43,400	115,400	49.9	318.1	37,800	111,100	155
160	38.9	296.0	46,500	84,900*	43.5	305.9	41,100	110,200*	47.8	313.6	35,800	106,700	160
165	36.2	289.3	44,200	81,200*	41.1	300.2	39,000	104,800*	45.5	308.7	33,800	102,500	165
170	33.3	281.8	42,000	77,700*	38.5	294.0	37,000	99,800*	43.1	303.5	32,000	98,600	170
175	30.1	273.4	39,900	74,600*	35.8	287.2	35,100	95,100*	40.7	297.7	30,300	95,000	175
180	26.6	263.9	37,900	71,900*	32.8	279.6	33,300	90,800*	38.1	291.5	28,600	91,600	180
185	22.6	252.5	36,100	69,500*	29.6	271.1	31,600	86,800*	35.3	284.6	27,100	88,300	185
190	17.7	238.2	34,200	67,700*	26.1	261.3	30,000	83,200*	32.4	276.9	25,600	85,200	190
195	10.7	217.2	32,400	66,700*	22.0	249.6	28,400	80,000*	29.1	268.2	24,200	82,300	195
200					16.9	234.8	26,800	77,300*	25.5	258.1	22,800	79,600	200
205					9.3	211.8	25,200	68,400*	21.3	246.1	21,500	76,900	205
210									16.0	230.5	20,200	74,400	210
215									7.4	204.4	18,800	68,700*	215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
255													255
260													260

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

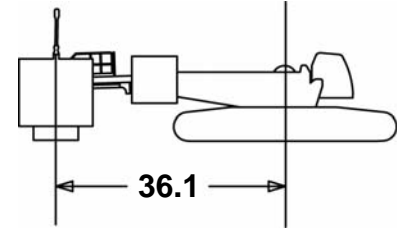
177.2 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140	61.8	335.6	34,600	118,400									140
145	60.0	332.7	32,500	113,200									145
150	58.1	329.6	30,500	108,400									150
155	56.1	326.3	28,600	103,900									155
160	54.1	322.7	26,900	99,700									160
165	52.1	318.8	25,200	95,800									165
170	50.0	314.6	23,700	92,200	56.1	321.2	15,500	85,800					170
175	47.8	310.1	22,200	88,700	54.1	317.6	14,300	82,600					175
180	45.6	305.3	20,800	85,500	52.0	313.7	13,100	79,500					180
185	43.2	300.0	19,500	82,500	49.9	309.5	12,000	76,700					185
190	40.8	294.3	18,300	79,600	47.7	305.0	11,000	73,900					190
195	38.2	288.1	17,100	76,800	45.5	300.1	10,100	71,400	51.7	306.9	3,200	66,000	195
200	35.4	281.2	16,000	74,200	43.1	294.9	9,100	68,900	49.6	302.7	2,400	63,800	200
205	32.5	273.5	14,900	71,800	40.7	289.1	8,200	66,600	47.4	298.1	1,700	61,600	205
210	29.2	264.8	13,800	69,400	38.1	282.8	7,400	64,400	45.2	293.2		59,500	210
215	25.6	254.9	12,800	67,200	35.3	275.9	6,600	62,300	42.8	287.9		57,600	215
220	21.4	242.9	11,800	65,000	32.3	268.2	5,800	60,300	40.3	282.1		55,700	220
225	16.2	227.5	10,800	62,900	29.1	259.5	5,000	58,400	37.7	275.7		53,900	225
230	7.8	202.1	9,700	60,800	25.5	249.4	4,300	56,500	34.9	268.7		52,200	230
235					21.2	237.4	3,500	54,800	31.9	260.9		50,500	235
240					15.9	221.7	2,800	53,000	28.6	252.0		48,900	240
245					7.2	195.4	1,900	51,300	24.9	241.7		47,400	245
250									20.6	229.3		45,900	250
255									15.0	212.9		44,500	255
260									4.7	181.4		42,900	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



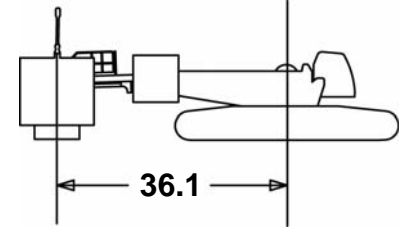
16000 MAX-ER

177.2 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	73.1	374.5	124,500	155,900*									80
85	71.6	372.8	114,700	154,400*									85
90	70.1	371.0	106,100	150,000*									90
95	68.5	369.0	98,500	145,200*									95
100	66.9	366.9	91,700	140,400*	69.8	369.7	82,400	150,900*					100
105	65.3	364.6	85,600	135,300*	68.3	367.7	76,800	150,900*					105
110	63.7	362.1	80,200	130,100*	66.7	365.5	71,800	150,900*					110
115	62.0	359.5	75,200	124,900*	65.1	363.2	67,200	150,800*					115
120	60.4	356.6	70,700	119,600*	63.5	360.7	63,100	148,500*	66.4	363.6	55,500	144,200*	120
125	58.7	353.6	66,500	114,500*	61.8	358.0	59,300	143,800*	64.8	361.3	52,000	144,200*	125
130	56.9	350.4	62,700	109,500*	60.1	355.2	55,800	138,700*	63.2	358.8	48,800	137,300	130
135	55.2	346.9	59,200	104,600*	58.4	352.1	52,500	133,600*	61.6	356.1	45,900	130,800	135
140	53.4	343.2	56,000	99,900*	56.7	348.9	49,600	128,400*	59.9	353.2	43,100	124,900	140
145	51.5	339.3	53,000	95,400*	54.9	345.4	46,800	123,200*	58.2	350.1	40,600	119,500	145
150	49.6	335.0	50,200	91,100*	53.1	341.6	44,200	118,100*	56.4	346.8	38,300	114,400	150
155	47.6	330.5	47,600	87,000*	51.2	337.6	41,800	113,000*	54.6	343.2	36,100	109,700	155
160	45.6	325.7	45,100	83,100*	49.3	333.4	39,600	108,000*	52.8	339.5	34,000	105,200	160
165	43.5	320.5	42,800	79,400*	47.4	328.8	37,400	103,200*	50.9	335.5	32,100	101,100	165
170	41.3	314.8	40,600	76,000*	45.3	323.9	35,500	98,600*	49.0	331.1	30,300	97,300	170
175	39.0	308.7	38,600	72,800*	43.2	318.6	33,600	94,200*	47.0	326.5	28,600	93,600	175
180	36.6	302.1	36,700	69,900*	41.0	313.0	31,800	90,000*	45.0	321.6	27,000	90,200	180
185	34.0	294.9	34,800	67,100*	38.7	306.8	30,100	86,100*	42.9	316.2	25,400	87,000	185
190	31.3	286.8	33,100	64,600*	36.3	300.1	28,600	82,400*	40.7	310.5	24,000	83,900	190
195	28.3	277.8	31,400	62,300*	33.7	292.7	27,000	78,900*	38.3	304.3	22,600	81,100	195
200	25.0	267.5	29,900	60,300*	30.9	284.6	25,600	75,700*	35.9	297.5	21,300	78,300	200
205	21.1	255.3	28,300	58,600*	27.8	275.4	24,200	72,700*	33.3	290.0	20,000	75,700	205
210	16.4	239.9	26,800	57,300*	24.5	264.9	22,900	70,000*	30.4	281.7	18,800	73,200	210
215	9.5	216.9	25,300	55,800*	20.5	252.4	21,600	67,600*	27.4	272.4	17,700	70,900	215
220					15.6	236.3	20,300	64,600*	23.9	261.6	16,600	68,600	220
225					8.1	210.9	18,900	56,600*	19.9	248.6	15,500	66,400	225
230									14.7	231.8	14,400	64,300	230
235									6.0	202.3	13,200	56,900*	235
240													240
245													245
250													250
255													255
260													260
265													265
270													270
275													275
280													280

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

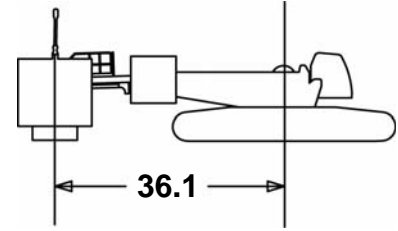
177.2 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80												80
85												85
90												90
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150	61.6	352.5	28,400	106,700								150
155	59.9	349.6	26,600	102,300								155
160	58.2	346.6	24,800	98,100								160
165	56.5	343.3	23,200	94,200								165
170	54.7	339.7	21,700	90,600								170
175	52.9	336.0	20,300	87,200								175
180	51.0	332.0	18,900	84,000	56.4	338.2	11,000	77,800				180
185	49.1	327.7	17,600	80,900	54.6	334.6	9,900	75,000				185
190	47.1	323.0	16,400	78,100	52.8	330.9	8,900	72,300				190
195	45.1	318.1	15,200	75,400	50.9	326.9	8,000	69,700				195
200	42.9	312.8	14,100	72,800	49.0	322.5	7,100	67,300				200
205	40.7	307.1	13,100	70,300	47.0	317.9	6,200	65,000	52.5	324.1	59,800	205
210	38.4	300.8	12,100	68,000	45.0	313.0	5,400	62,800	50.7	320.0	57,800	210
215	36.0	294.1	11,100	65,800	42.8	307.6	4,600	60,800	48.7	315.7	55,800	215
220	33.3	286.6	10,200	63,700	40.6	301.9	3,900	58,800	46.7	311.0	54,000	220
225	30.5	278.4	9,300	61,700	38.3	295.6	3,100	56,900	44.7	306.0	52,200	225
230	27.5	269.0	8,400	59,700	35.8	288.8	2,400	55,100	42.5	300.6	50,500	230
235	24.0	258.3	7,600	57,900	33.2	281.4	1,800	53,400	40.3	294.8	48,900	235
240	20.0	245.5	6,800	56,100	30.4	273.0		51,700	38.0	288.5	47,400	240
245	14.9	228.8	5,900	54,300	27.3	263.7		50,100	35.5	281.6	45,900	245
250	6.5	200.4	5,000	52,500	23.9	252.9		48,500	32.8	274.0	44,400	250
255					19.8	239.9		47,000	30.0	265.6	43,100	255
260					14.7	223.0		45,600	26.9	256.1	41,700	260
265					5.9	193.2		44,100	23.3	245.0	40,400	265
270									19.2	231.6	39,200	270
275									13.8	213.9	37,900	275
280									2.4	175.2	36,600	280



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



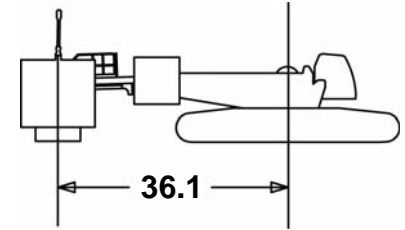
16000 MAX-ER

177.2 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	73.3	393.5	113,200	131,200*									85
90	71.9	391.9	104,600	130,800*									90
95	70.5	390.1	97,000	130,400*									95
100	69.1	388.2	90,200	127,000*									100
105	67.7	386.2	84,100	123,400*	70.3	388.8	75,100	126,700*					105
110	66.3	384.0	78,600	119,500*	68.9	386.9	70,000	126,600*					110
115	64.8	381.6	73,600	115,600*	67.5	384.8	65,500	126,500*					115
120	63.3	379.1	69,100	111,700*	66.1	382.6	61,300	126,300*					120
125	61.8	376.4	64,900	107,600*	64.6	380.2	57,500	126,000*	67.3	382.9	50,100	120,800*	125
130	60.3	373.6	61,100	103,600*	63.1	377.7	54,000	125,700*	65.8	380.7	46,900	120,800*	130
135	58.7	370.6	57,600	99,600*	61.6	375.0	50,800	123,700*	64.4	378.3	44,000	120,800*	135
140	57.2	367.4	54,300	95,700*	60.1	372.1	47,800	120,000*	62.9	375.7	41,200	120,800*	140
145	55.6	364.0	51,300	91,900*	58.5	369.1	45,000	116,000*	61.4	373.0	38,700	117,900	145
150	53.9	360.3	48,500	88,100*	57.0	365.8	42,500	112,000*	59.8	370.1	36,400	112,800	150
155	52.3	356.5	45,900	84,500*	55.3	362.4	40,100	108,100*	58.3	367.1	34,200	108,100	155
160	50.6	352.4	43,500	81,000*	53.7	358.7	37,800	104,100*	56.7	363.8	32,200	103,700	160
165	48.8	348.0	41,200	77,700*	52.0	354.9	35,700	100,100*	55.1	360.3	30,200	99,600	165
170	47.0	343.4	39,000	74,500*	50.3	350.7	33,700	96,200*	53.5	356.6	28,400	95,800	170
175	45.1	338.5	37,000	71,400*	48.6	346.4	31,900	92,400*	51.8	352.7	26,700	92,100	175
180	43.2	333.2	35,100	68,600*	46.7	341.7	30,100	88,700*	50.0	348.5	25,100	88,700	180
185	41.2	327.6	33,300	65,900*	44.9	336.7	28,400	85,100*	48.3	344.1	23,600	85,500	185
190	39.2	321.5	31,600	63,400*	42.9	331.4	26,900	81,700*	46.5	339.4	22,200	82,500	190
195	37.0	315.0	29,900	61,000*	40.9	325.7	25,400	78,400*	44.6	334.4	20,800	79,600	195
200	34.7	307.9	28,400	58,800*	38.8	319.6	24,000	75,200*	42.6	329.0	19,500	76,900	200
205	32.2	300.1	26,900	56,700*	36.7	312.9	22,600	72,200*	40.6	323.2	18,300	74,300	205
210	29.6	291.5	25,500	54,800*	34.3	305.7	21,300	69,400*	38.5	317.0	17,100	71,800	210
215	26.7	281.9	24,100	53,100*	31.9	297.9	20,100	66,800*	36.3	310.3	16,000	69,500	215
220	23.5	270.9	22,800	51,600*	29.2	289.2	18,900	64,400*	34.0	303.0	14,900	67,300	220
225	19.8	257.9	21,500	50,400*	26.3	279.4	17,700	62,100*	31.5	295.1	13,900	65,100	225
230	15.3	241.4	20,200	49,500*	23.1	268.1	16,600	60,100*	28.8	286.2	12,900	63,100	230
235	8.5	216.1	18,900	45,900*	19.3	254.8	15,500	58,300*	25.8	276.2	11,900	61,100	235
240					14.5	237.6	14,400	53,700*	22.5	264.7	11,000	59,200	240
245					6.9	209.4	13,300	46,600*	18.6	250.9	10,000	57,400	245
250									13.6	232.8	9,100	54,700*	250
255									4.6	199.2	8,000	46,700*	255
260													260
265													265
270													270
275													275
280													280
285													285
290													290
295													295

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

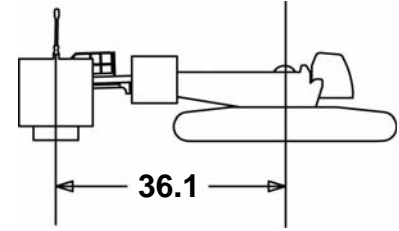
177.2 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85												85
90												90
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155	62.9	372.2	24,500	100,600								155
160	61.4	369.5	22,800	96,500								160
165	59.9	366.6	21,200	92,600								165
170	58.3	363.5	19,700	89,000								170
175	56.8	360.3	18,300	85,600								175
180	55.1	356.8	16,900	82,400								180
185	53.5	353.1	15,600	79,300								185
190	51.8	349.2	14,400	76,500	56.7	355.2	6,800	70,600				190
195	50.1	345.0	13,300	73,800	55.1	351.7	5,900	68,000				195
200	48.3	340.6	12,200	71,200	53.4	348.0	5,000	65,600				200
205	46.5	335.9	11,200	68,800	51.8	344.1	4,200	63,400				205
210	44.6	330.9	10,200	66,500	50.0	339.9	3,400	61,200				210
215	42.7	325.5	9,300	64,300	48.3	335.5	2,600	59,100				215
220	40.7	319.8	8,400	62,200	46.4	330.8	1,900	57,200	51.5	337.3	52,300	220
225	38.6	313.6	7,500	60,200	44.6	325.8		55,300	49.8	333.1	50,500	225
230	36.4	306.9	6,700	58,300	42.6	320.4		53,500	48.0	328.7	48,800	230
235	34.0	299.7	5,800	56,400	40.6	314.6		51,800	46.2	323.9	47,200	235
240	31.6	291.7	5,100	54,700	38.5	308.4		50,100	44.3	318.8	45,700	240
245	28.9	282.9	4,300	53,000	36.3	301.7		48,600	42.3	313.4	44,200	245
250	25.9	272.9	3,600	51,400	33.9	294.4		47,100	40.3	307.6	42,800	250
255	22.6	261.5	2,900	49,800	31.4	286.4		45,600	38.2	301.3	41,500	255
260	18.8	247.7	2,200	48,300	28.8	277.5		44,200	36.0	294.5	40,200	260
265	13.8	229.9		46,800	25.8	267.5		42,800	33.6	287.1	38,900	265
270	5.2	197.7		45,200	22.5	256.0		41,500	31.1	279.0	37,700	270
275					18.6	242.2		40,200	28.4	270.0	36,500	275
280					13.6	224.0		39,000	25.4	259.8	35,400	280
285					4.4	189.9		37,600	22.0	248.1	34,200	285
290									18.0	233.7	33,200	290
295									12.7	214.6	32,000*	295



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



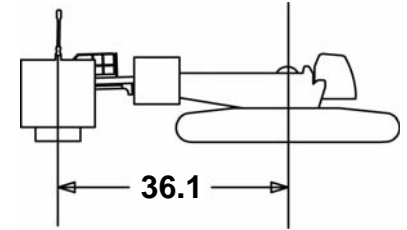
16000 MAX-ER

177.2 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95	72.2	411.0	95,600	111,100*									95
100	70.9	409.2	88,700	110,600*									100
105	69.7	407.4	82,600	110,100*									105
110	68.4	405.4	77,100	108,200*	70.8	407.9	68,400	107,500*					110
115	67.0	403.3	72,100	105,300*	69.5	406.1	63,800	107,300*					115
120	65.7	401.0	67,600	102,300*	68.2	404.1	59,600	107,000*					120
125	64.4	398.6	63,400	99,200*	66.8	401.9	55,800	106,700*					125
130	63.0	396.1	59,600	96,100*	65.5	399.7	52,300	106,300*	68.0	402.2	45,100	102,100*	130
135	61.6	393.4	56,100	93,000*	64.2	397.2	49,100	105,900*	66.6	400.0	42,100	102,100*	135
140	60.2	390.5	52,900	89,800*	62.8	394.7	46,100	105,500*	65.3	397.8	39,400	102,100*	140
145	58.8	387.5	49,900	86,700*	61.4	392.0	43,400	105,100*	64.0	395.3	36,900	102,100*	145
150	57.4	384.3	47,100	83,600*	60.0	389.1	40,800	103,800*	62.6	392.7	34,600	102,000*	150
155	55.9	381.0	44,400	80,600*	58.6	386.0	38,400	100,800*	61.2	390.0	32,400	101,800*	155
160	54.4	377.4	42,000	77,600*	57.2	382.8	36,200	97,800*	59.8	387.1	30,400	101,600*	160
165	52.9	373.6	39,700	74,800*	55.7	379.4	34,100	94,700*	58.4	384.0	28,500	98,200	165
170	51.4	369.7	37,600	72,000*	54.2	375.8	32,100	91,600*	56.9	380.8	26,700	94,300	170
175	49.8	365.5	35,600	69,300*	52.7	372.0	30,300	88,500*	55.5	377.4	25,000	90,700	175
180	48.1	361.0	33,600	66,700*	51.1	368.0	28,500	85,400*	54.0	373.7	23,400	87,300	180
185	46.5	356.3	31,800	64,200*	49.5	363.8	26,900	82,400*	52.4	369.9	21,900	84,100	185
190	44.8	351.3	30,100	61,800*	47.9	359.3	25,300	79,400*	50.9	365.9	20,500	81,100	190
195	43.0	346.0	28,500	59,500*	46.2	354.6	23,800	76,500*	49.3	361.6	19,200	78,300	195
200	41.2	340.3	27,000	57,300*	44.5	349.5	22,400	73,700*	47.7	357.1	17,900	75,500	200
205	39.3	334.3	25,500	55,300*	42.7	344.1	21,100	71,000*	46.0	352.3	16,700	73,000	205
210	37.3	327.8	24,100	53,400*	40.9	338.4	19,800	68,400*	44.2	347.2	15,500	70,500	210
215	35.2	320.8	22,800	51,600*	39.0	332.3	18,600	65,900*	42.5	341.8	14,400	68,200	215
220	33.0	313.2	21,500	49,900*	37.0	325.8	17,400	63,500*	40.6	336.0	13,300	66,000	220
225	30.6	305.0	20,300	48,400*	34.9	318.7	16,300	61,200*	38.7	329.8	12,300	63,900	225
230	28.1	295.9	19,100	46,900*	32.7	311.1	15,200	59,100*	36.7	323.2	11,300	61,800	230
235	25.4	285.7	18,000	45,600*	30.3	302.7	14,200	57,100*	34.5	316.0	10,400	59,900	235
240	22.3	274.0	16,900	44,500*	27.7	293.4	13,200	55,200*	32.3	308.3	9,500	58,100	240
245	18.7	260.2	15,800	43,600*	25.0	283.1	12,200	53,500*	29.9	299.8	8,600	56,300	245
250	14.3	242.6	14,700	42,900*	21.8	271.1	11,300	51,600*	27.3	290.4	7,800	54,600	250
255	7.5	214.9	13,600	37,400*	18.2	256.9	10,400	49,100*	24.5	279.8	7,000	52,900	255
260					13.5	238.5	9,400	44,500*	21.3	267.6	6,200	51,300	260
265					5.8	207.2	8,400	38,000*	17.5	252.9	5,400	49,400*	265
270									12.7	233.5	4,600	45,500*	270
275									3.0	194.0	3,600	37,800*	275
280													280
285													285
290													290
295													295
300													300
305													305
310													310
315													315

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

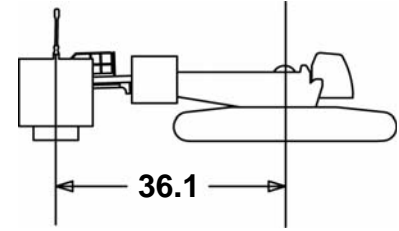
177.2 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160												160
165	62.6	389.2	19,200	91,000								165
170	61.3	386.5	17,700	87,400								170
175	59.9	383.6	16,300	84,000								175
180	58.4	380.5	15,000	80,800								180
185	57.0	377.3	13,700	77,800								185
190	55.5	373.8	12,500	75,000								190
195	54.0	370.2	11,400	72,300								195
200	52.5	366.4	10,300	69,700	56.9	372.2	2,900	64,000				200
205	50.9	362.4	9,300	67,300	55.5	368.7	2,100	61,700				205
210	49.3	358.1	8,400	65,000	54.0	365.1		59,600				210
215	47.7	353.6	7,400	62,800	52.4	361.3		57,500				215
220	46.0	348.8	6,600	60,700	50.9	357.3		55,600				220
225	44.3	343.7	5,700	58,800	49.3	353.0		53,700				225
230	42.5	338.3	4,900	56,900	47.6	348.5		52,000	52.2	354.5	47,200	230
235	40.7	332.5	4,100	55,000	46.0	343.6		50,300	50.6	350.5	45,600	235
240	38.7	326.4	3,400	53,300	44.2	338.5		48,600	49.0	346.2	44,100	240
245	36.7	319.8	2,600	51,600	42.4	333.1		47,100	47.4	341.6	42,600	245
250	34.6	312.6	1,900	50,000	40.6	327.4		45,600	45.7	336.7	41,200	250
255	32.4	304.9		48,500	38.7	321.2		44,100	44.0	331.6	39,900	255
260	30.0	296.5		47,000	36.6	314.5		42,800	42.2	326.1	38,600	260
265	27.4	287.1		45,600	34.5	307.4		41,400	40.3	320.3	37,300	265
270	24.6	276.5		44,200	32.3	299.6		40,100	38.4	314.1	36,100	270
275	21.4	264.4		42,900	29.9	291.1		38,900	36.4	307.4	34,900*	275
280	17.7	249.8		41,600	27.3	281.7		37,700	34.2	300.1	33,600*	280
285	12.9	230.6		40,300	24.5	271.1		36,500	32.0	292.3	32,500*	285
290	3.8	193.7		38,900	21.3	258.9		35,400	29.5	283.7	31,300*	290
295					17.5	244.2		34,300	26.9	274.1	30,200*	295
300					12.6	224.7		33,200	24.0	263.3	29,100*	300
305					2.7	184.1		32,000	20.8	250.8	28,000*	305
310									16.9	235.6	26,900*	310
315									11.8	215.1	25,900*	315



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



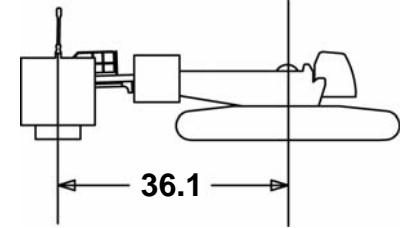
16000 MAX-ER

177.2 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	71.3	428.4	81,300	94,100*									105
110	70.1	426.5	75,800	93,600*									110
115	68.9	424.6	70,800	93,100*									115
120	67.7	422.6	66,200	92,500*	69.9	425.2	58,100	91,000*					120
125	66.5	420.4	62,100	90,400*	68.7	423.3	54,300	90,700*					125
130	65.2	418.1	58,300	88,000*	67.5	421.2	50,800	90,400*					130
135	64.0	415.6	54,800	85,600*	66.3	419.0	47,600	90,100*					135
140	62.7	413.1	51,500	83,100*	65.1	416.7	44,700	89,700*	67.3	419.4	37,800	86,500*	140
145	61.5	410.4	48,500	80,600*	63.8	414.2	41,900	89,300*	66.1	417.1	35,300	86,400*	145
150	60.2	407.5	45,700	78,100*	62.6	411.6	39,300	88,900*	64.9	414.8	33,000	86,300*	150
155	58.9	404.5	43,100	75,700*	61.3	408.9	36,900	88,500*	63.6	412.3	30,800	86,100*	155
160	57.5	401.3	40,600	73,200*	60.0	406.0	34,700	88,100*	62.4	409.7	28,800	85,900*	160
165	56.2	398.0	38,300	70,800*	58.7	403.0	32,600	87,700*	61.1	407.0	26,900	85,700*	165
170	54.8	394.5	36,200	68,400*	57.3	399.8	30,700	85,400*	59.8	404.0	25,100	85,500*	170
175	53.4	390.8	34,200	66,100*	56.0	396.5	28,800	83,000*	58.5	401.0	23,500	85,300*	175
180	52.0	386.9	32,300	63,800*	54.6	392.9	27,100	80,500*	57.1	397.8	21,900	85,000*	180
185	50.6	382.8	30,500	61,600*	53.2	389.2	25,400	78,100*	55.8	394.4	20,400	82,900	185
190	49.1	378.5	28,800	59,500*	51.8	385.3	23,900	75,700*	54.4	390.8	19,000	79,900	190
195	47.6	374.0	27,200	57,500*	50.4	381.2	22,400	73,300*	53.0	387.1	17,600	77,000	195
200	46.0	369.2	25,600	55,500*	48.9	376.8	21,000	70,900*	51.6	383.1	16,400	74,300	200
205	44.4	364.1	24,200	53,600*	47.4	372.2	19,700	68,600*	50.1	379.0	15,100	71,700	205
210	42.8	358.7	22,800	51,700*	45.8	367.4	18,400	66,300*	48.6	374.6	14,000	69,300	210
215	41.1	353.1	21,500	50,000*	44.2	362.3	17,200	64,100*	47.1	370.0	12,900	67,000	215
220	39.3	347.0	20,200	48,400*	42.6	356.9	16,000	61,900*	45.6	365.1	11,900	64,800	220
225	37.5	340.6	19,000	46,900*	40.9	351.2	14,900	59,800*	44.0	360.0	10,900	62,700	225
230	35.6	333.7	17,800	45,400*	39.1	345.1	13,900	57,800*	42.3	354.5	9,900	60,700	230
235	33.6	326.3	16,700	44,000*	37.3	338.6	12,900	55,900*	40.6	348.7	9,000	58,700	235
240	31.5	318.3	15,700	42,800*	35.3	331.6	11,900	54,100*	38.8	342.6	8,100	56,900	240
245	29.2	309.6	14,600	41,600*	33.3	324.2	10,900	52,400*	37.0	336.0	7,200	55,100	245
250	26.8	299.9	13,600	40,500*	31.2	316.1	10,000	50,600*	35.0	329.0	6,400	53,400	250
255	24.2	289.2	12,700	39,500*	28.9	307.2	9,200	48,600*	33.0	321.4	5,600	51,800	255
260	21.2	276.8	11,700	38,700*	26.5	297.4	8,300	46,800*	30.8	313.2	4,900	50,200	260
265	17.7	262.2	10,800	38,000*	23.8	286.5	7,500	44,900*	28.5	304.2	4,100	48,500*	265
270	13.4	243.5	9,900	35,600*	20.7	273.9	6,700	43,200*	26.1	294.3	3,400	46,600*	270
275	6.5	213.2	8,900	30,100*	17.2	258.8	5,900	40,600*	23.3	283.1	2,700	44,800*	275
280					12.6	239.3	5,100	36,600*	20.2	270.2	2,000	43,100*	280
285					4.7	204.1	4,100	30,600*	16.6	254.7		41,300*	285
290									11.8	234.0		37,500*	290
295													295
300													300
305													305
310													310
315													315
320													320
325													325
330													330
335													335

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

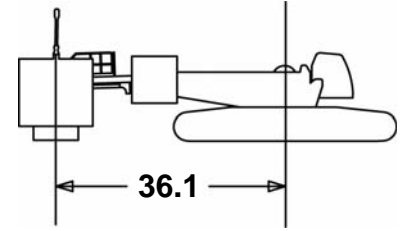
177.2 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105											105
110											110
115											115
120											120
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170											170
175	62.4	406.2	14,600	78,400*							175
180	61.1	403.4	13,300	78,400*							180
185	59.8	400.5	12,000	76,400							185
190	58.5	397.5	10,900	73,600							190
195	57.2	394.2	9,700	70,900							195
200	55.8	390.9	8,700	68,400							200
205	54.5	387.3	7,700	66,000							205
210	53.1	383.6	6,700	63,700	57.1	389.2	58,200				210
215	51.6	379.6	5,800	61,500	55.8	385.8	56,100				215
220	50.2	375.5	4,900	59,400	54.4	382.2	54,200				220
225	48.7	371.1	4,100	57,500	53.0	378.5	52,300				225
230	47.2	366.5	3,300	55,600	51.6	374.5	50,600				230
235	45.6	361.6	2,500	53,800	50.1	370.4	48,900				235
240	44.0	356.5	1,800	52,000	48.6	366.0	47,300	52.8	371.7	42,600	240
245	42.3	351.1		50,400	47.1	361.4	45,700	51.4	367.7	41,200	245
250	40.6	345.3		48,800	45.5	356.5	44,200	49.9	363.5	39,800	250
255	38.9	339.2		47,300	43.9	351.3	42,800	48.4	359.1	38,300*	255
260	37.0	332.6		45,800	42.3	345.9	41,400	46.9	354.5	36,900*	260
265	35.1	325.6		44,400	40.6	340.1	40,100	45.3	349.6	35,600*	265
270	33.1	318.0		43,000	38.8	334.0	38,900	43.7	344.4	34,300*	270
275	30.9	309.9		41,700	36.9	327.4	37,600	42.0	338.9	33,000*	275
280	28.6	300.9		40,500	35.0	320.4	36,500	40.3	333.1	31,800*	280
285	26.1	291.0		39,200	33.0	312.8	35,300	38.5	326.9	30,700*	285
290	23.4	279.9		38,000	30.8	304.6	34,200	36.7	320.2	29,500*	290
295	20.3	267.0		36,900	28.5	295.6	33,100	34.7	313.1	28,400*	295
300	16.7	251.6		35,800	26.0	285.6	32,100	32.7	305.5	27,400*	300
305	12.0	231.2		34,600	23.3	274.4	31,000*	30.5	297.1	26,300*	305
310	1.7	185.5		33,100*	20.2	261.5	29,900*	28.2	288.0	25,300*	310
315					16.5	245.9	28,800*	25.7	277.9	24,300*	315
320					11.7	225.2	27,700*	22.9	266.5	23,400*	320
325								19.7	253.3	22,400*	325
330								15.9	237.2	21,500*	330
335								10.9	215.3	20,500*	335



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



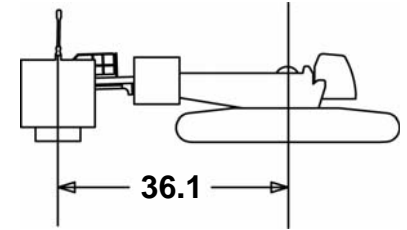
16000 MAX-ER

177.2 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115	70.5	445.7	69,200	79,500*									115
120	69.4	443.8	64,600	79,000*									120
125	68.2	441.8	60,500	78,500*	70.3	444.4	52,500	77,300*					125
130	67.1	439.7	56,600	77,900*	69.2	442.5	49,000	77,000*					130
135	66.0	437.5	53,100	77,300*	68.1	440.5	45,800	76,600*					135
140	64.8	435.1	49,900	75,800*	67.0	438.3	42,800	76,200*					140
145	63.7	432.7	46,800	73,900*	65.8	436.1	40,100	75,800*	67.9	438.6	33,400	73,200*	145
150	62.5	430.1	44,000	72,000*	64.7	433.7	37,500	75,300*	66.8	436.5	31,000	73,000*	150
155	61.3	427.3	41,400	70,000*	63.5	431.2	35,100	74,900*	65.6	434.2	28,900	72,800*	155
160	60.1	424.5	39,000	68,000*	62.3	428.6	32,900	74,500*	64.5	431.8	26,900	72,600*	160
165	58.9	421.5	36,700	66,100*	61.1	425.9	30,800	74,000*	63.3	429.3	25,000	72,300*	165
170	57.7	418.3	34,600	64,100*	59.9	423.0	28,900	73,600*	62.2	426.7	23,200	72,100*	170
175	56.4	415.0	32,500	62,200*	58.7	420.0	27,000	73,100*	61.0	423.9	21,500	71,800*	175
180	55.2	411.5	30,600	60,300*	57.5	416.8	25,300	72,700*	59.8	421.0	20,000	71,500*	180
185	53.9	407.9	28,800	58,500*	56.3	413.5	23,700	72,200*	58.5	418.0	18,500	71,200*	185
190	52.6	404.1	27,200	56,600*	55.0	410.0	22,100	70,800*	57.3	414.7	17,100	70,900*	190
195	51.2	400.1	25,500	54,900*	53.7	406.3	20,600	68,900*	56.1	411.4	15,800	70,600*	195
200	49.9	395.9	24,000	53,100*	52.4	402.5	19,200	67,000*	54.8	407.9	14,500	70,200*	200
205	48.5	391.5	22,600	51,500*	51.1	398.5	17,900	65,100*	53.5	404.2	13,300	69,900*	205
210	47.1	386.9	21,200	49,800*	49.7	394.2	16,700	63,200*	52.2	400.3	12,200	67,800*	210
215	45.6	382.0	19,900	48,300*	48.3	389.8	15,500	61,300*	50.8	396.3	11,100	65,500	215
220	44.1	376.9	18,600	46,800*	46.9	385.1	14,300	59,500*	49.5	392.0	10,000	63,300	220
225	42.6	371.5	17,400	45,300*	45.4	380.2	13,200	57,700*	48.1	387.6	9,000	61,200	225
230	41.0	365.8	16,300	43,900*	43.9	375.1	12,200	56,000*	46.7	382.9	8,100	59,200	230
235	39.4	359.8	15,200	42,600*	42.4	369.7	11,200	54,300*	45.2	377.9	7,200	57,300	235
240	37.7	353.4	14,100	41,400*	40.8	363.9	10,200	52,700*	43.7	372.7	6,300	55,500	240
245	36.0	346.6	13,100	40,200*	39.2	357.9	9,300	51,000*	42.2	367.3	5,500	53,700	245
250	34.1	339.3	12,100	39,000*	37.5	351.4	8,400	49,100*	40.6	361.5	4,700	52,000	250
255	32.2	331.5	11,200	38,000*	35.7	344.5	7,500	47,200*	38.9	355.4	3,900	50,400	255
260	30.2	323.1	10,300	37,000*	33.9	337.2	6,700	45,400*	37.2	348.8	3,100	48,900	260
265	28.0	313.9	9,400	36,100*	31.9	329.3	5,900	43,600*	35.4	341.9	2,400	47,100*	265
270	25.6	303.8	8,500	35,300*	29.9	320.8	5,100	41,900*	33.6	334.5	1,700	45,300*	270
275	23.1	292.4	7,700	34,500*	27.7	311.5	4,400	40,200*	31.6	326.5		43,500*	275
280	20.2	279.5	6,900	33,900*	25.3	301.2	3,600	38,600*	29.5	317.9		41,800*	280
285	16.8	264.0	6,100	32,000*	22.7	289.7	2,900	37,100*	27.3	308.4		40,100*	285
290	12.6	244.2	5,300	28,400*	19.7	276.4	2,200	35,500*	24.9	298.0		38,500*	290
295	5.5	210.8	4,400	23,400*	16.3	260.5	1,500	33,000*	22.3	286.2		37,000*	295
300					11.8	239.7		29,400*	19.3	272.6		35,500*	300
305					3.4	199.5		23,600*	15.7	256.2		34,000*	305
310									11.0	234.2		30,300*	310
315													315
320													320
325													325
330													330
335													335
340													340
345													345
350													350
355													355

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

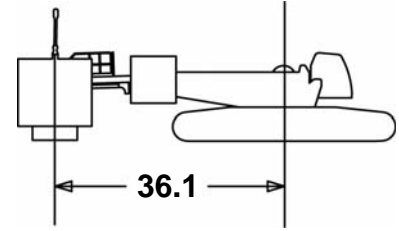
177.2 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
115											115
120											120
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170											170
175											175
180											180
185	62.2	423.1	9,900	66,100*							185
190	61.0	420.4	8,800	66,100*							190
195	59.8	417.5	7,700	66,100*							195
200	58.6	414.4	6,600	66,100*							200
205	57.3	411.2	5,600	64,300							205
210	56.1	407.9	4,700	62,100							210
215	54.8	404.4	3,800	59,900							215
220	53.5	400.7	2,900	57,800	57.3	406.1	52,500				220
225	52.2	396.8	2,100	55,900	56.0	402.8	50,600				225
230	50.9	392.8		54,000	54.8	399.3	48,900				230
235	49.5	388.5		52,200	53.5	395.6	47,200				235
240	48.1	384.1		50,500	52.2	391.7	45,600				240
245	46.7	379.4		48,800	50.8	387.7	44,100				245
250	45.2	374.5		47,300	49.5	383.4	42,600				250
255	43.7	369.3		45,800	48.1	379.0	41,200	52.0	385.0	36,000*	255
260	42.2	363.8		44,300	46.6	374.3	39,800	50.6	380.9	34,600*	260
265	40.6	358.0		42,900	45.2	369.3	38,500	49.3	376.6	33,200*	265
270	39.0	351.9		41,600	43.7	364.1	37,300	47.9	372.1	32,000*	270
275	37.3	345.4		40,300	42.1	358.6	36,000	46.4	367.4	30,700*	275
280	35.5	338.5		39,000	40.6	352.9	34,800*	45.0	362.4	29,500*	280
285	33.6	331.1		37,800	38.9	346.7	33,600*	43.5	357.2	28,400*	285
290	31.7	323.1		36,600	37.2	340.2	32,400*	41.9	351.6	27,300*	290
295	29.6	314.5		35,500	35.4	333.3	31,200*	40.3	345.8	26,200*	295
300	27.4	305.1		34,400	33.6	325.8	30,000*	38.7	339.6	25,100*	300
305	25.0	294.7		33,300	31.6	317.9	28,900*	37.0	333.1	24,100*	305
310	22.4	283.0		32,300	29.5	309.2	27,900*	35.2	326.1	23,100*	310
315	19.4	269.5		31,300	27.3	299.7	26,800*	33.3	318.6	22,200*	315
320	15.8	253.2		30,300	24.9	289.3	25,800*	31.3	310.5	21,200*	320
325	11.2	231.4		29,300*	22.2	277.5	24,800*	29.2	301.7	20,300*	325
330					19.2	263.9	23,800*	27.0	292.1	19,500*	330
335					15.6	247.5	22,900*	24.5	281.5	18,600*	335
340					10.9	225.4	21,900*	21.8	269.5	17,700*	340
345								18.8	255.6	16,900*	345
350								15.1	238.6	16,100*	350
355								10.1	215.2	15,200*	355

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
137,850 lb Hanging Counterweight
at 36.1 ft Position
360 Degree Rating



16000 MAX-ER

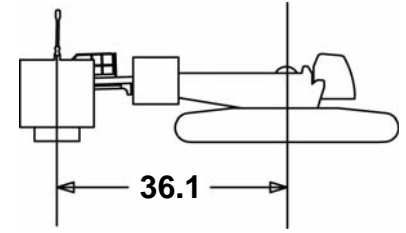
196.9 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
50	70.9	280.0	234,700	339,600*c									50
55	67.0	277.9	208,100	307,600*b									55
60	62.9	275.4	186,500	281,800*b									60
65	58.6	272.3	168,600	260,700*b	67.2	276.9	153,800	328,400*c					65
70	54.2	268.8	153,600	243,100*b	63.2	274.4	140,000	313,100*b					70
75	49.4	264.6	140,700	228,400*	58.9	271.4	128,200	290,900*b	67.4	275.3	115,600	280,700*c	75
80	44.3	259.6	129,600	216,300*	54.5	267.9	118,100	268,300*b	63.4	272.8	106,400	259,000*b	80
85	38.6	253.5	119,800	206,600*	49.7	263.7	109,200	248,900	59.1	269.9	98,400	240,200*b	85
90	31.9	245.9	111,200	199,200*	44.6	258.8	101,300	231,900	54.7	266.4	91,300	223,800*b	90
95	23.6	235.6	103,300	194,800*	39.0	252.8	94,300	216,900	50.0	262.2	84,900	209,400	95
100	8.9	216.1	95,800	160,400*	32.4	245.3	88,000	203,500	44.9	257.3	79,200	196,600	100
105					24.2	235.2	82,200	191,500	39.3	251.4	74,100	185,100	105
110					10.7	217.3	76,500	173,900*	32.8	244.0	69,400	174,700	110
115									24.7	234.2	64,900	165,300	115
120									11.8	217.1	60,600	156,500	120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



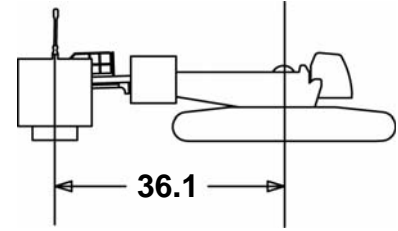
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196.9 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100	60.7	267.0	64,300	184,800 ^b									100
105	56.4	263.7	60,100	174,000 ^b									105
110	51.8	259.8	56,200	164,300									110
115	46.8	255.2	52,600	155,600									115
120	41.4	249.7	49,400	147,600	57.6	259.3	37,400	138,300 ^b					120
125	35.3	243.0	46,300	140,300	53.1	255.6	35,000	131,500 ^b					125
130	27.9	234.2	43,400	133,600	48.3	251.2	32,800	125,200					130
135	17.8	221.2	40,600	127,300	43.0	246.0	30,700	119,500					135
140					37.1	239.6	28,700	114,100					140
145					30.2	231.5	26,800	109,100	49.1	245.1	17,500	101,900	145
150					21.2	220.2	24,900	104,400	44.0	240.1	16,100	97,600	150
155									38.2	234.0	14,800	93,600	155
160									31.5	226.3	13,600	89,800	160
165									23.1	215.7	12,300	86,200	165
170									7.0	194.4	10,700	82,600	170

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
137,850 lb Hanging Counterweight
at 36.1 ft Position
360 Degree Rating



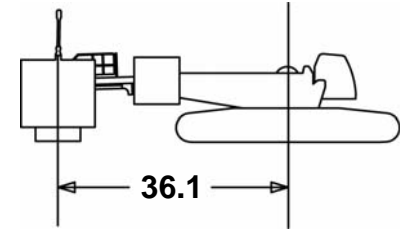
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196.9 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
55	71.8	299.1	208,000	302,800*c									55
60	68.7	297.2	186,300	278,100*b									60
65	65.5	294.9	168,400	256,300*b									65
70	62.2	292.3	153,300	237,900*b	68.9	296.2	139,200	296,600*b					70
75	58.8	289.3	140,500	222,200*	65.7	293.9	127,500	284,500*b					75
80	55.3	285.9	129,400	209,200*	62.4	291.3	117,400	267,500b					80
85	51.6	282.0	119,800	198,000*	59.0	288.4	108,500	248,100	65.9	292.4	97,300	239,100b	85
90	47.7	277.5	111,200	188,400*	55.5	285.0	100,800	231,200	62.6	289.8	90,200	222,800b	90
95	43.5	272.3	103,700	180,200*	51.8	281.1	93,900	216,300	59.2	286.8	84,000	208,500	95
100	38.9	266.3	96,900	172,800*	47.9	276.6	87,700	203,100	55.7	283.4	78,400	195,700	100
105	33.9	259.1	90,800	163,100*	43.8	271.5	82,100	191,300	52.0	279.6	73,300	184,400	105
110	27.9	250.2	85,100	155,000*	39.2	265.5	77,000	180,700	48.1	275.2	68,800	174,100	110
115	20.3	238.2	79,900	149,000*	34.2	258.5	72,400	171,000	44.0	270.1	64,600	164,900	115
120	5.8	213.8	74,700	128,100*	28.3	249.7	68,100	162,300	39.5	264.2	60,800	156,500	120
125					20.9	238.0	64,100	154,200	34.5	257.2	57,200	148,800	125
130					7.8	216.1	60,000	138,900*	28.7	248.5	53,900	141,700	130
135									21.3	237.0	50,800	135,100	135
140									9.0	216.5	47,600	128,800	140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

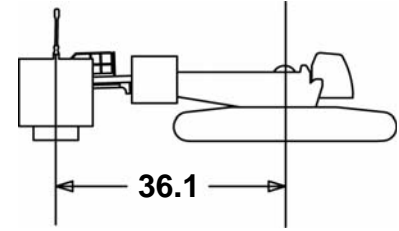
196.9 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110	60.5	284.0	54,900	163,200									110
115	57.0	280.7	51,400	154,500									115
120	53.4	277.1	48,300	146,700									120
125	49.6	272.9	45,300	139,500									125
130	45.5	268.0	42,700	132,900									130
135	41.2	262.5	40,100	126,800	54.4	272.7	29,300	118,300					135
140	36.4	255.9	37,800	121,100	50.7	268.7	27,400	113,100					140
145	30.9	247.9	35,600	115,900	46.7	264.0	25,700	108,200					145
150	24.3	237.7	33,400	111,000	42.5	258.7	24,000	103,700					150
155	14.9	222.4	31,300	106,300	37.8	252.4	22,500	99,500	51.4	262.6	13,400	92,400	155
160					32.6	244.9	21,000	95,500	47.5	258.0	12,300	88,800	160
165					26.3	235.5	19,500	91,800	43.3	252.8	11,200	85,300	165
170					18.1	222.3	18,100	88,200	38.7	246.8	10,200	82,100	170
175									33.5	239.5	9,200	79,000	175
180									27.5	230.5	8,300	76,100	180
185									19.8	218.2	7,200	73,300	185

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
137,850 lb Hanging Counterweight
at 36.1 ft Position
360 Degree Rating



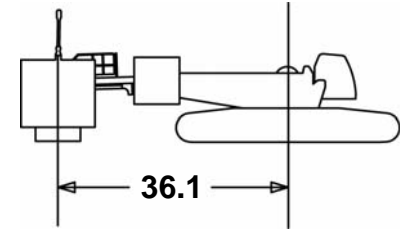
16000 MAX-ER

196.9 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60	72.4	318.2	185,400	258,000*b									60
65	69.8	316.4	167,400	246,900*b									65
70	67.2	314.3	152,300	234,900*b									70
75	64.5	311.9	139,400	219,400*	70.0	315.4	126,000	268,400*b					75
80	61.8	309.3	128,400	205,700*	67.4	313.3	115,900	258,900*b					80
85	58.9	306.3	118,700	193,800*	64.7	310.9	107,100	246,700					85
90	56.0	302.9	110,200	183,600*	61.9	308.3	99,300	229,900	67.5	311.7	88,400	221,200b	90
95	53.0	299.2	102,700	174,600*	59.1	305.3	92,400	215,000	64.8	309.4	82,200	206,900	95
100	49.8	295.0	96,000	164,500*	56.2	302.0	86,300	201,900	62.1	306.7	76,600	194,200	100
105	46.5	290.3	89,900	154,800*	53.2	298.3	80,800	190,100	59.3	303.8	71,600	182,900	105
110	43.0	285.1	84,400	145,700*	50.0	294.1	75,800	179,500	56.3	300.5	67,100	172,700	110
115	39.2	279.1	79,500	137,600*	46.7	289.5	71,300	170,000	53.3	296.8	63,000	163,500	115
120	35.0	272.1	74,900	130,400*	43.2	284.3	67,100	161,300	50.2	292.7	59,300	155,200	120
125	30.4	264.0	70,700	124,100*	39.4	278.3	63,300	153,400	46.9	288.0	55,800	147,600	125
130	24.9	253.9	66,700	118,800*	35.3	271.5	59,800	146,100	43.4	282.9	52,600	140,600	130
135	17.9	240.3	63,000	115,100*	30.7	263.4	56,500	139,400	39.6	276.9	49,700	134,100	135
140					25.3	253.5	53,400	133,200	35.5	270.1	46,900	128,200	140
145					18.4	240.2	50,400	127,400	31.0	262.1	44,400	122,700	145
150					5.2	213.4	47,300	109,600*	25.6	252.3	41,900	117,500	150
155									18.8	239.3	39,500	112,700	155
160									6.7	214.7	37,000	107,900	160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

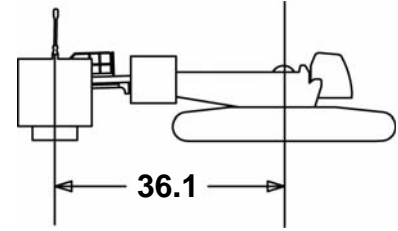
196.9 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120	60.3	300.9	46,200	145,000									120
125	57.4	297.7	43,400	137,800									125
130	54.5	294.2	40,700	131,300									130
135	51.4	290.2	38,300	125,300									135
140	48.1	285.8	36,100	119,700									140
145	44.7	280.8	33,900	114,600	55.3	289.8	23,500	106,500					145
150	41.0	275.2	32,000	109,800	52.3	286.0	22,000	102,000					150
155	37.1	268.8	30,100	105,300	49.1	281.7	20,500	97,800					155
160	32.7	261.2	28,300	101,100	45.7	276.9	19,100	94,000					160
165	27.7	252.2	26,600	97,200	42.1	271.4	17,800	90,300	52.8	279.8	9,000	83,500	165
170	21.6	240.6	25,000	93,500	38.3	265.2	16,500	86,900	49.6	275.6	8,000	80,300	170
175	12.7	223.1	23,300	89,900	34.0	258.1	15,300	83,700	46.3	270.9	7,200	77,300	175
180					29.2	249.5	14,200	80,600	42.8	265.6	6,300	74,500	180
185					23.5	238.9	13,000	77,700	39.0	259.5	5,500	71,800	185
190					15.8	223.8	11,900	74,900	34.8	252.6	4,700	69,300	190
195									30.1	244.3	3,900	66,900	195
200									24.6	234.1	3,100	64,600	200
205									17.4	220.2	2,300	62,300	205



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



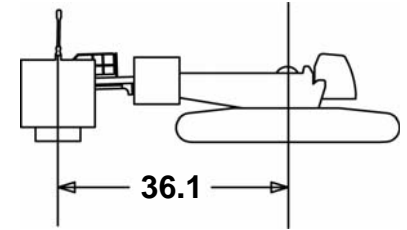
16000 MAX-ER

196.9 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	72.8	337.3	166,700	221,400*b									65
70	70.6	335.6	151,500	213,100*b									70
75	68.4	333.6	138,600	204,000*									75
80	66.1	331.4	127,500	194,600*	70.8	334.5	114,700	230,500*b					80
85	63.8	328.9	117,800	185,000*	68.5	332.6	105,900	226,100*					85
90	61.4	326.2	109,300	175,400*	66.3	330.4	98,100	218,200*					90
95	59.0	323.2	101,800	166,000*	63.9	327.9	91,300	209,600*					95
100	56.5	319.9	95,100	156,900*	61.6	325.2	85,200	200,500*	66.4	328.8	75,200	193,000	100
105	54.0	316.3	89,100	148,200*	59.2	322.3	79,700	189,100	64.1	326.4	70,300	181,700	105
110	51.3	312.4	83,600	140,000*	56.7	319.0	74,700	178,500	61.7	323.7	65,800	171,500	110
115	48.5	308.0	78,700	132,300*	54.1	315.4	70,200	169,000	59.3	320.7	61,700	162,400	115
120	45.6	303.2	74,100	125,100*	51.5	311.5	66,100	160,400	56.8	317.5	58,000	154,100	120
125	42.6	297.8	70,000	118,400*	48.7	307.1	62,300	152,500	54.2	313.9	54,600	146,500	125
130	39.4	291.8	66,200	112,300*	45.8	302.3	58,800	145,300	51.6	310.0	51,400	139,500	130
135	35.9	285.1	62,600	106,800*	42.8	297.0	55,600	138,200*	48.9	305.7	48,500	133,100	135
140	32.0	277.3	59,300	101,900*	39.6	291.1	52,600	130,900*	46.0	300.9	45,800	127,200	140
145	27.7	268.2	56,200	97,600*	36.1	284.4	49,800	124,100*	43.0	295.6	43,300	121,800	145
150	22.6	257.1	53,300	94,100*	32.3	276.7	47,200	118,000*	39.7	289.7	41,000	116,700	150
155	16.0	241.9	50,500	91,800*	28.0	267.7	44,700	112,500*	36.3	283.0	38,800	112,000	155
160					23.0	256.7	42,400	107,700*	32.5	275.4	36,700	107,500	160
165					16.5	241.9	40,100	104,100*	28.2	266.5	34,700	103,400	165
170									23.3	255.6	32,800	99,400	170
175									16.9	241.1	31,000	95,700	175
180									4.2	211.1	28,900	92,000	180
185													185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
225													225

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

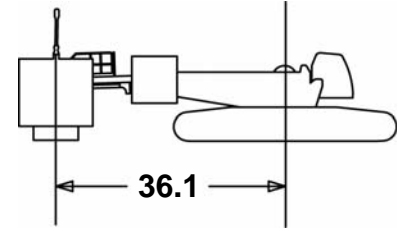
196.9 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	62.6	320.7	41,800	136,500									125
130	60.2	317.9	39,200	130,000									130
135	57.7	314.7	36,800	124,000									135
140	55.2	311.3	34,600	118,500									140
145	52.6	307.5	32,500	113,400									145
150	49.9	303.3	30,600	108,600									150
155	47.1	298.7	28,800	104,200	55.9	306.8	18,800	96,500					155
160	44.1	293.6	27,100	100,100	53.3	303.1	17,500	92,600					160
165	40.9	288.0	25,500	96,200	50.7	299.1	16,200	89,000					165
170	37.6	281.6	24,000	92,600	47.9	294.6	15,000	85,700					170
175	33.9	274.4	22,500	89,100	45.0	289.7	13,900	82,500					175
180	29.9	266.0	21,100	85,900	41.9	284.2	12,800	79,500	51.1	293.0	4,600	73,100	180
185	25.2	255.9	19,800	82,800	38.6	278.0	11,800	76,600	48.4	288.6	3,900	70,500	185
190	19.5	243.1	18,500	79,900	35.0	271.1	10,800	74,000	45.5	283.7	3,100	68,000	190
195	11.0	223.2	17,100	77,000	31.1	263.1	9,900	71,400	42.4	278.3	2,400	65,700	195
200					26.6	253.6	8,900	69,000	39.2	272.3	1,700	63,400	200
205					21.3	241.7	8,000	66,600	35.7	265.5		61,300	205
210					14.0	224.9	7,000	64,300	31.8	257.7		59,200	210
215									27.5	248.5		57,300	215
220									22.3	237.2		55,400	220
225									15.5	221.7		53,500	225



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



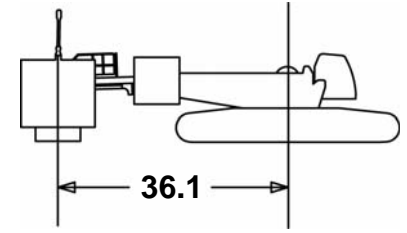
16000 MAX-ER

196.9 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	73.1	356.4	150,300	190,800*									70
75	71.2	354.7	137,400	184,500*									75
80	69.3	352.8	126,200	177,800*									80
85	67.3	350.7	116,500	170,700*									85
90	65.3	348.4	108,000	163,300*	69.4	351.8	96,500	194,800*					90
95	63.3	345.9	100,500	155,800*	67.4	349.7	89,600	190,900*					95
100	61.2	343.2	93,700	148,400*	65.4	347.4	83,500	184,600*					100
105	59.1	340.2	87,700	141,100*	63.4	344.9	78,000	177,900*	67.5	348.1	68,300	180,100	105
110	56.9	336.9	82,300	134,000*	61.3	342.2	73,100	170,800*	65.5	345.9	63,900	169,900	110
115	54.7	333.4	77,300	127,200*	59.2	339.2	68,600	163,600*	63.5	343.4	59,800	160,800	115
120	52.4	329.6	72,800	120,700*	57.0	336.0	64,500	156,200*	61.4	340.6	56,100	152,500	120
125	50.0	325.4	68,700	114,600*	54.8	332.5	60,700	148,900*	59.3	337.7	52,700	144,900	125
130	47.6	320.9	64,900	108,800*	52.5	328.7	57,300	141,600*	57.1	334.5	49,600	138,000	130
135	45.0	316.0	61,400	103,300*	50.2	324.6	54,100	134,600*	54.9	331.0	46,800	131,700	135
140	42.3	310.5	58,100	98,200*	47.7	320.1	51,100	128,000*	52.6	327.2	44,100	125,800	140
145	39.5	304.6	55,100	93,600*	45.2	315.1	48,400	121,600*	50.3	323.1	41,600	120,400	145
150	36.5	298.0	52,300	89,300*	42.5	309.8	45,800	115,500*	47.8	318.6	39,300	115,300	150
155	33.2	290.5	49,600	85,400*	39.7	303.8	43,400	109,900*	45.3	313.7	37,200	110,600	155
160	29.6	282.0	47,100	82,000*	36.7	297.3	41,200	104,600*	42.6	308.4	35,100	106,200	160
165	25.6	272.0	44,800	79,000*	33.4	289.9	39,000	99,700*	39.8	302.5	33,200	102,100	165
170	20.7	259.8	42,500	76,600*	29.9	281.5	37,000	95,300*	36.8	295.9	31,400	98,300	170
175	14.4	243.1	40,300	75,100*	25.8	271.6	35,100	91,300*	33.6	288.6	29,700	94,600	175
180					21.1	259.5	33,200	88,000*	30.0	280.2	28,100	91,200	180
185					14.9	243.2	31,400	85,400*	26.1	270.4	26,500	88,000	185
190									21.4	258.5	25,000	84,900	190
195									15.3	242.5	23,500	81,900	195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

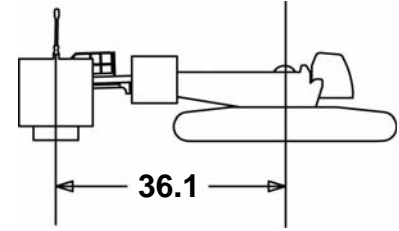
196.9 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70												70
75												75
80												80
85												85
90												90
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135	62.2	337.7	34,600	122,200								135
140	60.1	334.8	32,500	116,800								140
145	57.9	331.7	30,400	111,700								145
150	55.7	328.3	28,500	107,000								150
155	53.5	324.6	26,800	102,600								155
160	51.2	320.6	25,100	98,500								160
165	48.8	316.3	23,600	94,600	56.4	323.9	14,000	87,200				165
170	46.2	311.6	22,100	91,000	54.1	320.3	12,900	83,900				170
175	43.6	306.4	20,700	87,700	51.8	316.4	11,800	80,800				175
180	40.9	300.7	19,400	84,500	49.4	312.1	10,700	77,800				180
185	37.9	294.4	18,100	81,500	47.0	307.5	9,800	75,000				185
190	34.8	287.4	16,900	78,600	44.4	302.5	8,800	72,400	52.2	310.2	66,200	190
195	31.4	279.4	15,800	75,900	41.7	296.9	7,900	69,800	49.9	306.0	63,900	195
200	27.6	270.2	14,700	73,300	38.8	290.8	7,100	67,500	47.4	301.5	61,700	200
205	23.2	259.2	13,600	70,900	35.7	284.0	6,300	65,200	44.9	296.5	59,600	205
210	17.7	245.1	12,500	68,500	32.4	276.4	5,500	63,000	42.2	291.1	57,600	210
215	9.4	222.9	11,400	66,200	28.7	267.5	4,700	61,000	39.3	285.1	55,700	215
220					24.5	257.1	3,900	59,000	36.3	278.4	53,900	220
225					19.5	244.2	3,200	57,100	33.0	270.9	52,100	225
230					12.4	225.5	2,300	55,200	29.4	262.4	50,400	230
235									25.3	252.3	48,800	235
240									20.4	239.9	47,300	240
245									13.9	222.7	45,700	245



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



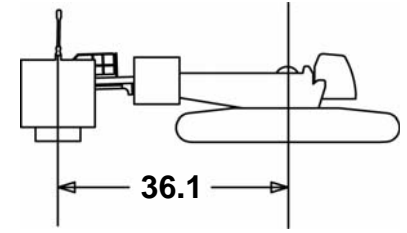
16000 MAX-ER

196.9 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	73.4	375.5	136,400	165,200*									75
80	71.7	373.8	125,200	160,500*									80
85	69.9	372.0	115,400	155,400*									85
90	68.2	370.0	106,900	150,000*									90
95	66.4	367.8	99,300	144,300*	70.1	371.0	88,300	164,300*					95
100	64.7	365.4	92,600	138,500*	68.3	369.0	82,200	164,300*					100
105	62.8	362.9	86,600	132,700*	66.6	366.8	76,700	162,600*					105
110	61.0	360.1	81,100	126,900*	64.8	364.5	71,700	157,600*					110
115	59.1	357.1	76,200	121,200*	63.0	361.9	67,200	152,300*	66.6	365.2	58,300	158,600*	115
120	57.2	353.9	71,700	115,600*	61.1	359.2	63,100	146,800*	64.9	362.9	54,600	151,200	120
125	55.2	350.5	67,500	110,200*	59.2	356.2	59,400	141,100*	63.0	360.4	51,200	143,700	125
130	53.2	346.8	63,700	105,000*	57.3	353.0	55,900	135,400*	61.2	357.6	48,200	136,800	130
135	51.1	342.8	60,200	100,000*	55.3	349.6	52,800	129,600*	59.3	354.6	45,300	130,400	135
140	49.0	338.5	57,000	95,300*	53.3	345.9	49,800	123,900*	57.4	351.5	42,600	124,600	140
145	46.8	333.8	54,000	90,900*	51.3	341.9	47,100	118,200*	55.4	348.0	40,200	119,200	145
150	44.5	328.8	51,200	86,700*	49.1	337.6	44,600	112,800*	53.4	344.4	37,900	114,100	150
155	42.1	323.3	48,600	82,800*	46.9	333.0	42,200	107,700*	51.4	340.4	35,800	109,500	155
160	39.6	317.3	46,100	79,200*	44.6	328.0	40,000	102,700*	49.2	336.1	33,800	105,100	160
165	36.9	310.8	43,800	75,800*	42.3	322.5	37,900	98,000*	47.0	331.5	31,900	101,000	165
170	34.1	303.6	41,600	72,700*	39.8	316.6	35,900	93,600*	44.8	326.5	30,100	97,200	170
175	31.0	295.5	39,600	69,900*	37.1	310.1	34,000	89,400*	42.4	321.1	28,500	93,600	175
180	27.6	286.3	37,600	67,500*	34.3	302.9	32,300	85,500*	39.9	315.2	26,900	90,200	180
185	23.8	275.5	35,700	65,400*	31.2	294.9	30,600	81,900*	37.2	308.7	25,400	87,000	185
190	19.2	262.2	33,900	63,700*	27.8	285.7	29,000	78,700*	34.4	301.6	23,900	84,000	190
195	13.0	243.9	32,100	62,700*	24.0	275.1	27,400	75,800*	31.4	293.6	22,600	81,100	195
200					19.5	262.0	26,000	73,300*	28.0	284.5	21,300	78,400	200
205					13.5	244.2	24,500	71,500*	24.2	274.0	20,000	75,700	205
210									19.8	261.0	18,800	73,200	210
215									13.9	243.6	17,500	70,800	215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
255													255
260													260
265													265

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

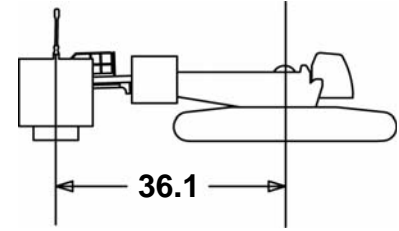
196.9 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75												75
80												80
85												85
90												90
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145	61.9	354.6	28,800	110,300								145
150	60.0	351.8	26,900	105,600								150
155	58.1	348.7	25,200	101,200								155
160	56.2	345.3	23,500	97,200								160
165	54.2	341.7	22,000	93,300								165
170	52.1	337.9	20,500	89,800								170
175	50.0	333.7	19,200	86,400	56.7	340.9	10,000	79,300				175
180	47.9	329.2	17,900	83,200	54.8	337.4	9,000	76,400				180
185	45.6	324.4	16,700	80,300	52.7	333.6	8,100	73,600				185
190	43.3	319.1	15,500	77,400	50.6	329.5	7,200	71,000				190
195	40.8	313.4	14,400	74,800	48.5	325.1	6,300	68,500				195
200	38.2	307.2	13,400	72,200	46.3	320.4	5,500	66,200				200
205	35.5	300.3	12,300	69,800	43.9	315.2	4,700	63,900	51.0	323.4	58,200	205
210	32.5	292.7	11,400	67,500	41.5	309.7	3,900	61,800	48.9	319.0	56,200	210
215	29.3	284.0	10,400	65,300	39.0	303.6	3,200	59,800	46.7	314.4	54,300	215
220	25.7	274.1	9,500	63,200	36.3	296.9	2,500	57,800	44.4	309.3	52,500	220
225	21.5	262.1	8,600	61,200	33.4	289.5	1,800	56,000	42.0	303.8	50,800	225
230	16.3	246.8	7,700	59,300	30.2	281.2		54,200	39.4	297.8	49,200	230
235	8.1	221.9	6,700	57,300	26.8	271.6		52,500	36.8	291.3	47,600	235
240					22.8	260.4		50,800	33.9	284.0	46,100	240
245					17.9	246.2		49,200	30.8	275.9	44,600	245
250					11.1	225.7		47,600	27.4	266.6	43,200	250
255									23.5	255.6	41,900	255
260									18.9	242.2	40,600	260
265									12.6	223.4	39,200	265



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



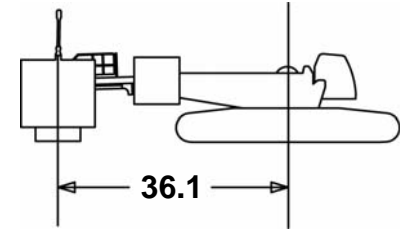
16000 MAX-ER

196.9 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	73.6	394.5	123,800	141,900*									80
85	72.0	392.9	114,100	139,800*									85
90	70.5	391.1	105,500	136,000*									90
95	68.9	389.2	97,900	131,900*									95
100	67.4	387.1	91,100	127,600*	70.6	390.1	80,400	138,200*					100
105	65.8	384.9	85,100	123,200*	69.0	388.2	74,900	138,200*					105
110	64.1	382.5	79,600	118,700*	67.5	386.1	70,000	138,200*					110
115	62.5	379.9	74,700	114,100*	65.9	383.9	65,500	138,200*					115
120	60.8	377.1	70,200	109,500*	64.2	381.5	61,400	135,400*	67.5	384.5	52,700	132,400*	120
125	59.1	374.1	66,000	105,000*	62.6	378.9	57,700	131,300*	65.9	382.3	49,300	132,400*	125
130	57.4	370.9	62,300	100,600*	60.9	376.1	54,200	127,000*	64.3	379.9	46,200	132,400*	130
135	55.7	367.5	58,800	96,300*	59.3	373.1	51,100	122,600*	62.7	377.3	43,400	128,900	135
140	53.9	363.9	55,500	92,200*	57.5	370.0	48,100	118,100*	61.0	374.6	40,800	123,000	140
145	52.0	360.0	52,500	88,200*	55.8	366.6	45,400	113,600*	59.3	371.6	38,300	117,600	145
150	50.1	355.9	49,700	84,300*	54.0	363.0	42,900	109,100*	57.6	368.5	36,100	112,600	150
155	48.2	351.4	47,100	80,700*	52.1	359.1	40,500	104,600*	55.9	365.1	33,900	108,000	155
160	46.2	346.7	44,700	77,200*	50.3	355.0	38,300	100,200*	54.1	361.5	32,000	103,600	160
165	44.1	341.5	42,400	74,000*	48.3	350.6	36,300	96,000*	52.2	357.6	30,100	99,600	165
170	41.9	336.0	40,300	70,900*	46.3	345.8	34,300	91,900*	50.3	353.5	28,400	95,700	170
175	39.7	330.1	38,200	68,000*	44.2	340.7	32,500	88,000*	48.4	349.1	26,700	92,200	175
180	37.3	323.6	36,300	65,300*	42.1	335.3	30,700	84,300*	46.4	344.4	25,200	88,800	180
185	34.8	316.6	34,500	62,800*	39.8	329.4	29,100	80,800*	44.3	339.3	23,700	85,600	185
190	32.1	308.8	32,800	60,500*	37.4	322.9	27,500	77,500*	42.2	333.9	22,300	82,600	190
195	29.1	300.1	31,100	58,500*	34.9	315.9	26,000	74,300*	39.9	328.0	21,000	79,800	195
200	25.9	290.1	29,500	56,700*	32.3	308.1	24,600	71,400*	37.6	321.6	19,700	77,100	200
205	22.2	278.5	28,000	55,100*	29.3	299.5	23,300	68,700*	35.1	314.6	18,500	74,500	205
210	17.8	264.3	26,500	54,000*	26.1	289.7	22,000	66,300*	32.4	306.9	17,300	72,100	210
215	11.9	244.3	25,000	53,400*	22.5	278.2	20,700	64,100*	29.5	298.3	16,200	69,700	215
220					18.2	264.1	19,500	62,300*	26.3	288.5	15,100	67,500	220
225					12.3	244.8	18,200	61,000*	22.7	277.1	14,100	65,400	225
230									18.4	263.2	13,000	63,300	230
235									12.7	244.3	12,000	61,300	235
240													240
245													245
250													250
255													255
260													260
265													265
270													270
275													275
280													280
285													285

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

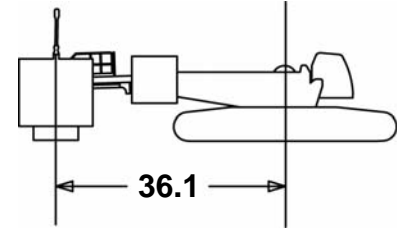
196.9 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80												80
85												85
90												90
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155	61.6	371.6	23,000	99,500								155
160	60.0	368.7	21,400	95,500								160
165	58.3	365.6	19,900	91,700								165
170	56.5	362.4	18,500	88,100								170
175	54.7	358.8	17,200	84,800								175
180	52.9	355.1	15,900	81,600								180
185	51.0	351.0	14,700	78,700	57.0	357.9	5,800	71,800				185
190	49.1	346.8	13,600	75,900	55.2	354.4	5,000	69,200				190
195	47.1	342.2	12,500	73,200	53.4	350.7	4,100	66,800				195
200	45.1	337.2	11,500	70,700	51.6	346.8	3,300	64,500				200
205	43.0	331.9	10,500	68,300	49.7	342.6	2,600	62,200				205
210	40.8	326.2	9,500	66,100	47.7	338.0	1,900	60,100				210
215	38.4	320.0	8,600	63,900	45.7	333.2		58,100	51.9	340.6	52,500	215
220	36.0	313.2	7,800	61,800	43.6	328.0		56,200	50.0	336.5	50,700	220
225	33.4	305.8	7,000	59,900	41.4	322.4		54,400	48.1	332.0	49,000	225
230	30.6	297.5	6,200	58,000	39.1	316.4		52,600	46.1	327.2	47,400	230
235	27.5	288.2	5,400	56,200	36.7	309.7		51,000	44.0	322.1	45,900	235
240	24.1	277.5	4,600	54,400	34.2	302.5		49,400	41.8	316.6	44,400	240
245	20.1	264.7	3,900	52,700	31.4	294.5		47,800	39.5	310.6	43,000	245
250	15.0	248.2	3,100	51,100	28.4	285.6		46,300	37.2	304.1	41,600	250
255	6.8	220.3	2,200	49,400	25.1	275.3		44,900	34.6	297.0	40,300	255
260								43,500	31.9	289.1	39,000	260
265					16.6	248.0		42,200	29.0	280.4	37,800	265
270					9.9	225.5		40,800	25.7	270.4	36,600	270
275									22.0	258.7	35,500	275
280									17.6	244.2	34,300*	280
285									11.4	223.7	33,000*	285



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



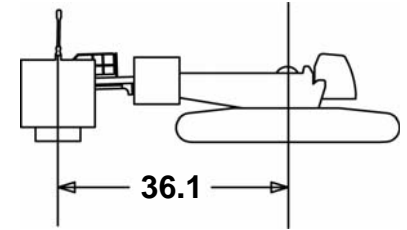
16000 MAX-ER

196.9 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	72.3	412.0	104,000	120,800*									90
95	70.9	410.2	96,300	118,900*									95
100	69.5	408.4	89,600	115,800*									100
105	68.1	406.4	83,500	112,500*									105
110	66.7	404.2	78,000	109,000*	69.6	407.4	68,200	117,500*					110
115	65.2	401.9	73,100	105,600*	68.2	405.4	63,700	117,500*					115
120	63.7	399.5	68,500	102,000*	66.7	403.2	59,600	117,400*					120
125	62.2	396.8	64,400	98,400*	65.3	400.9	55,900	117,300*					125
130	60.7	394.0	60,600	94,900*	63.8	398.5	52,400	116,600*	66.8	401.6	44,300	112,500*	130
135	59.2	391.1	57,100	91,300*	62.3	395.9	49,300	113,400*	65.4	399.4	41,500	112,500*	135
140	57.6	387.9	53,900	87,800*	60.8	393.1	46,400	110,000*	63.9	396.9	38,800	112,500*	140
145	56.0	384.5	50,900	84,400*	59.3	390.1	43,600	106,600*	62.4	394.3	36,400	112,500*	145
150	54.4	381.0	48,100	81,100*	57.7	387.0	41,100	103,100*	60.9	391.5	34,100	111,100	150
155	52.7	377.2	45,500	77,800*	56.1	383.6	38,800	99,600*	59.4	388.6	32,000	106,400	155
160	51.0	373.2	43,100	74,700*	54.5	380.1	36,600	96,100*	57.8	385.4	30,100	102,100	160
165	49.3	368.9	40,800	71,800*	52.8	376.3	34,500	92,500*	56.2	382.1	28,200	98,000	165
170	47.5	364.4	38,600	68,900*	51.1	372.3	32,500	89,100*	54.6	378.6	26,500	94,200	170
175	45.7	359.5	36,600	66,200*	49.4	368.0	30,700	85,600*	52.9	374.8	24,800	90,600	175
180	43.8	354.3	34,700	63,600*	47.6	363.5	29,000	82,300*	51.2	370.8	23,300	87,300	180
185	41.8	348.8	32,900	61,200*	45.8	358.7	27,400	79,100*	49.5	366.6	21,800	84,100	185
190	39.7	342.9	31,200	58,900*	43.9	353.5	25,800	76,100*	47.7	362.0	20,400	81,100	190
195	37.6	336.5	29,600	56,800*	41.9	348.0	24,400	73,100*	45.9	357.2	19,100	78,300	195
200	35.3	329.5	28,000	54,700*	39.9	342.1	23,000	70,300*	44.0	352.1	17,900	75,600	200
205	32.9	321.9	26,600	52,900*	37.7	335.7	21,600	67,700*	42.0	346.6	16,700	73,000	205
210	30.3	313.6	25,200	51,200*	35.5	328.8	20,400	65,100*	40.0	340.7	15,600	70,600	210
215	27.5	304.3	23,800	49,700*	33.1	321.3	19,100	62,800*	37.8	334.4	14,500	68,300	215
220	24.5	293.7	22,500	48,400*	30.5	313.0	18,000	60,600*	35.6	327.5	13,400	66,100	220
225	20.9	281.3	21,200	47,200*	27.7	303.8	16,900	58,500*	33.2	320.0	12,400	64,000	225
230	16.7	266.0	20,000	46,400*	24.7	293.3	15,800	56,700*	30.6	311.7	11,500	62,000	230
235	10.8	244.5	18,700	46,100*	21.2	281.1	14,700	55,000*	27.9	302.6	10,500	60,100	235
240					17.0	266.0	13,700	53,700*	24.8	292.2	9,600	58,200	240
245					11.3	245.1	12,600	50,800*	21.4	280.0	8,800	56,400	245
250									17.2	265.2	7,900	54,700	250
255									11.6	244.7	7,000	53,000	255
260													260
265													265
270													270
275													275
280													280
285													285
290													290
295													295
300													300
305													305

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

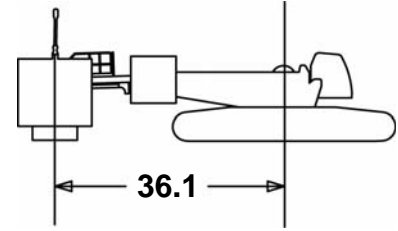
196.9 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90												90
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160	63.0	391.3	19,300	93,800								160
165	61.4	388.6	17,800	90,000								165
170	59.9	385.7	16,400	86,400								170
175	58.4	382.6	15,100	83,100								175
180	56.8	379.3	13,800	80,000								180
185	55.2	375.9	12,700	77,000								185
190	53.5	372.2	11,500	74,300								190
195	51.9	368.3	10,500	71,600	57.2	374.8	2,000	65,100				195
200	50.1	364.1	9,500	69,100	55.6	371.4		62,700				200
205	48.4	359.7	8,500	66,700	54.0	367.8		60,500				205
210	46.6	355.0	7,600	64,500	52.3	364.0		58,400				210
215	44.7	350.0	6,700	62,300	50.6	359.9		56,500				215
220	42.7	344.7	5,900	60,300	48.9	355.6		54,600				220
225	40.7	338.9	5,100	58,300	47.1	351.0		52,700	52.6	357.8	47,300	225
230	38.6	332.7	4,300	56,500	45.2	346.0		51,000	50.9	353.8	45,700	230
235	36.4	326.1	3,600	54,700	43.3	340.8		49,400	49.2	349.5	44,200	235
240	34.1	318.8	2,800	53,000	41.3	335.2		47,800	47.4	344.9	42,700	240
245	31.6	310.9	2,100	51,300	39.2	329.1		46,300	45.6	340.1	41,300	245
250	28.9	302.1	1,500	49,700	37.1	322.6		44,800	43.7	334.9	39,900	250
255	26.0	292.1		48,200	34.8	315.5		43,400	41.7	329.3	38,600	255
260	22.7	280.7		46,700	32.3	307.8		42,000	39.6	323.4	37,300*	260
265	18.8	267.1		45,300	29.7	299.2		40,700	37.5	316.9	36,000*	265
270	13.9	249.3		43,900	26.9	289.7		39,500	35.2	310.0	34,700*	270
275	5.5	217.9		42,400	23.7	278.7		38,200	32.8	302.3	33,500*	275
280					20.0	265.8		37,000	30.2	293.9	32,300*	280
285					15.5	249.5		35,900	27.4	284.6	31,100*	285
290					8.9	224.9		34,700	24.3	273.9	30,000*	290
295									20.7	261.4	28,900*	295
300									16.4	245.9	27,800*	300
305									10.4	223.7	26,700*	305



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

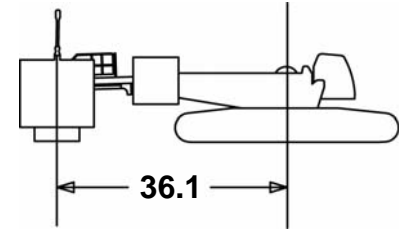
196.9 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100	71.3	429.4	88,100	103,000*									100
105	70.0	427.5	82,000	101,600*									105
110	68.7	425.6	76,500	99,000*									110
115	67.4	423.5	71,600	96,400*	70.1	426.5	62,000	100,300*					115
120	66.1	421.3	67,000	93,700*	68.8	424.6	57,900	100,100*					120
125	64.7	419.0	62,900	90,900*	67.5	422.5	54,200	100,000*					125
130	63.4	416.5	59,100	88,100*	66.2	420.3	50,700	99,700*					130
135	62.0	413.8	55,600	85,300*	64.8	418.0	47,600	99,500*	67.5	420.9	39,600	95,600*	135
140	60.6	411.0	52,400	82,400*	63.5	415.5	44,700	99,200*	66.2	418.7	37,000	95,600*	140
145	59.2	408.0	49,400	79,600*	62.1	412.8	42,000	98,200*	64.9	416.4	34,500	95,600*	145
150	57.8	404.9	46,600	76,800*	60.7	410.0	39,400	95,600*	63.5	413.9	32,300	95,600*	150
155	56.3	401.5	44,000	74,100*	59.3	407.1	37,100	92,900*	62.2	411.3	30,200	95,600*	155
160	54.8	398.0	41,600	71,400*	57.9	403.9	34,900	90,200*	60.8	408.5	28,200	95,600*	160
165	53.3	394.3	39,300	68,800*	56.4	400.6	32,800	87,400*	59.4	405.5	26,400	95,600*	165
170	51.8	390.4	37,200	66,300*	54.9	397.1	30,900	84,600*	57.9	402.4	24,700	92,800	170
175	50.2	386.3	35,200	63,900*	53.4	393.4	29,100	81,900*	56.5	399.1	23,100	89,200	175
180	48.6	381.9	33,300	61,600*	51.9	389.5	27,400	79,100*	55.0	395.6	21,500	85,800	180
185	46.9	377.3	31,500	59,300*	50.3	385.4	25,800	76,400*	53.5	391.9	20,100	82,700	185
190	45.2	372.3	29,800	57,200*	48.7	381.0	24,200	73,700*	52.0	388.0	18,700	79,700	190
195	43.5	367.1	28,200	55,100*	47.0	376.4	22,800	71,100*	50.4	383.9	17,400	76,900	195
200	41.7	361.5	26,600	53,200*	45.3	371.5	21,400	68,500*	48.8	379.6	16,200	74,200	200
205	39.8	355.6	25,200	51,300*	43.6	366.3	20,100	66,100*	47.1	375.0	15,000	71,700	205
210	37.8	349.2	23,800	49,600*	41.8	360.8	18,800	63,800*	45.4	370.1	13,900	69,300	210
215	35.8	342.4	22,500	47,900*	39.9	354.9	17,600	61,500*	43.7	364.9	12,800	67,000	215
220	33.6	335.0	21,200	46,400*	38.0	348.5	16,500	59,400*	41.9	359.4	11,800	64,800	220
225	31.3	327.0	20,000	45,000*	35.9	341.7	15,400	57,300*	40.0	353.5	10,800	62,700	225
230	28.8	318.1	18,800	43,800*	33.7	334.4	14,400	55,400*	38.0	347.1	9,900	60,700	230
235	26.1	308.2	17,700	42,600*	31.5	326.3	13,300	53,600*	36.0	340.4	9,000	58,800	235
240	23.2	297.0	16,600	41,600*	29.0	317.5	12,400	51,900*	33.9	333.0	8,100	57,000	240
245	19.8	283.9	15,500	40,800*	26.3	307.7	11,400	50,300*	31.6	325.1	7,300	55,200	245
250	15.6	267.6	14,500	40,200*	23.4	296.6	10,500	48,900*	29.1	316.3	6,500	53,500	250
255	9.8	244.3	13,400	39,700*	20.0	283.6	9,600	47,600*	26.5	306.6	5,700	51,900	255
260					15.9	267.6	8,700	46,600*	23.5	295.5	4,900	50,300	260
265					10.3	245.1	7,800	41,900*	20.2	282.6	4,200	48,800	265
270									16.2	266.8	3,400	47,400	270
275									10.7	244.8	2,600	44,000*	275
280													280
285													285
290													290
295													295
300													300
305													305
310													310
315													315
320													320
325													325



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

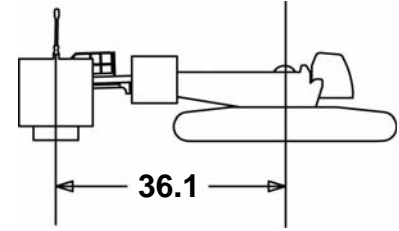
196.9 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100											100
105											105
110											110
115											115
120											120
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170	62.7	408.2	14,400	84,800							170
175	61.3	405.5	13,100	81,500							175
180	59.9	402.6	11,800	78,400							180
185	58.5	399.6	10,700	75,400							185
190	57.0	396.3	9,600	72,700							190
195	55.5	392.9	8,500	70,000							195
200	54.1	389.3	7,500	67,600							200
205	52.5	385.5	6,600	65,200	57.4	391.8	58,800				205
210	51.0	381.5	5,700	63,000	56.0	388.5	56,800				210
215	49.4	377.2	4,800	60,800	54.5	384.9	54,800				215
220	47.7	372.7	4,000	58,800	53.0	381.1	52,900				220
225	46.1	367.9	3,200	56,900	51.4	377.2	51,100				225
230	44.3	362.8	2,500	55,000	49.8	373.0	49,400				230
235	42.5	357.4	1,800	53,200	48.2	368.5	47,800				235
240	40.7	351.7		51,500	46.5	363.8	46,200	51.7	371.0	40,700*	240
245	38.8	345.5		49,900	44.8	358.9	44,700	50.1	366.9	39,200*	245
250	36.8	338.9		48,400	43.1	353.5	43,300	48.5	362.5	37,800*	250
255	34.7	331.8		46,900	41.2	347.9	41,900	46.8	357.8	36,400*	255
260	32.4	324.1		45,400	39.3	341.9	40,500	45.1	352.9	35,100*	260
265	30.0	315.6		44,000	37.4	335.4	39,300	43.4	347.6	33,800*	265
270	27.5	306.3		42,700	35.3	328.4	38,000	41.6	342.1	32,500*	270
275	24.6	295.8		41,400	33.1	320.9	36,800	39.7	336.1	31,300*	275
280	21.5	283.6		40,100	30.7	312.7	35,700	37.7	329.7	30,200*	280
285	17.7	269.1		38,900	28.2	303.6	34,500	35.6	322.9	29,000*	285
290	13.0	250.1		37,700	25.5	293.5	33,500	33.5	315.4	28,000*	290
295	4.2	214.3		36,400	22.4	281.9	32,300*	31.2	307.3	26,900*	295
300					18.9	268.1	31,100*	28.7	298.4	25,900*	300
305					14.5	250.8	30,000*	26.0	288.5	24,900*	305
310					7.9	223.9	28,800*	23.0	277.2	23,900*	310
315								19.6	263.9	22,900*	315
320								15.4	247.4	22,000*	320
325								9.4	223.4	21,000*	325



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
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 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



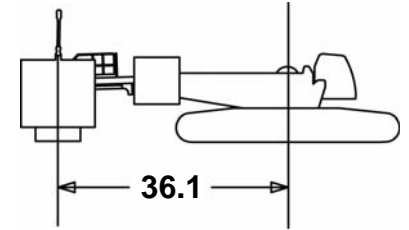
16000 MAX-ER

196.9 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
110	70.4	446.7	75,200	87,800*									110
115	69.2	444.8	70,200	87,200*									115
120	68.0	442.8	65,700	85,200*	70.5	445.6	56,400	85,600*					120
125	66.8	440.6	61,500	83,000*	69.3	443.8	52,700	85,400*					125
130	65.6	438.4	57,700	80,800*	68.1	441.8	49,200	85,300*					130
135	64.3	436.0	54,200	78,600*	66.9	439.6	46,100	85,000*					135
140	63.1	433.4	51,000	76,300*	65.7	437.4	43,100	84,800*					140
145	61.8	430.8	48,000	74,100*	64.4	435.0	40,400	84,500*	66.9	438.0	32,900	81,400*	145
150	60.5	427.9	45,200	71,800*	63.2	432.5	37,900	84,200*	65.7	435.8	30,700	81,400*	150
155	59.2	425.0	42,600	69,600*	61.9	429.8	35,600	84,000*	64.5	433.4	28,600	81,400*	155
160	57.9	421.9	40,200	67,300*	60.6	427.0	33,400	83,200*	63.2	430.9	26,600	81,400*	160
165	56.6	418.6	37,900	65,100*	59.3	424.0	31,300	81,100*	62.0	428.2	24,800	81,300*	165
170	55.2	415.1	35,800	63,000*	58.0	420.9	29,400	79,000*	60.7	425.4	23,100	81,200*	170
175	53.8	411.5	33,800	60,900*	56.6	417.6	27,600	76,800*	59.4	422.5	21,500	81,100*	175
180	52.4	407.6	31,900	58,800*	55.3	414.2	25,900	74,600*	58.1	419.4	19,900	80,900*	180
185	51.0	403.6	30,100	56,800*	53.9	410.5	24,300	72,300*	56.7	416.1	18,500	80,800*	185
190	49.5	399.3	28,400	54,900*	52.5	406.7	22,800	70,100*	55.4	412.7	17,100	78,400	190
195	48.0	394.9	26,800	53,000*	51.1	402.7	21,300	67,900*	54.0	409.0	15,900	75,600	195
200	46.5	390.1	25,300	51,300*	49.6	398.5	19,900	65,800*	52.6	405.2	14,600	73,000	200
205	44.9	385.1	23,800	49,500*	48.1	394.0	18,600	63,600*	51.1	401.2	13,500	70,400	205
210	43.2	379.9	22,500	47,900*	46.6	389.3	17,400	61,600*	49.7	397.0	12,400	68,000	210
215	41.6	374.3	21,100	46,300*	45.0	384.3	16,200	59,600*	48.2	392.5	11,300	65,700	215
220	39.8	368.4	19,900	44,900*	43.4	379.1	15,100	57,600*	46.6	387.9	10,300	63,600	220
225	38.0	362.0	18,700	43,500*	41.7	373.5	14,000	55,700*	45.1	382.9	9,300	61,500	225
230	36.1	355.3	17,500	42,100*	39.9	367.6	13,000	53,900*	43.4	377.7	8,400	59,500	230
235	34.2	348.0	16,400	40,900*	38.1	361.3	12,000	52,200*	41.8	372.1	7,500	57,600	235
240	32.1	340.2	15,400	39,700*	36.3	354.6	11,000	50,600*	40.0	366.2	6,700	55,800	240
245	29.9	331.7	14,300	38,700*	34.3	347.4	10,100	49,000*	38.2	359.9	5,800	54,100	245
250	27.5	322.3	13,400	37,700*	32.2	339.6	9,200	47,500*	36.4	353.2	5,100	52,400	250
255	24.9	311.9	12,400	36,800*	30.0	331.1	8,400	46,100*	34.4	346.0	4,300	50,800	255
260	22.0	300.0	11,500	36,100*	27.7	321.8	7,500	44,800*	32.3	338.3	3,600	49,200	260
265	18.7	286.2	10,500	35,500*	25.1	311.5	6,700	43,600*	30.1	329.8	2,800	47,700	265
270	14.7	268.9	9,600	35,100*	22.2	299.7	5,900	42,500*	27.8	320.6	2,200	46,300	270
275	9.0	243.7	8,700	32,200*	19.0	286.0	5,200	41,600*	25.2	310.3	1,500	44,900	275
280					15.0	269.0	4,400	38,900*	22.4	298.6		43,600	280
285					9.4	244.7	3,600	34,300*	19.1	285.0		42,300	285
290									15.2	268.3		40,700*	290
295									9.8	244.6		36,200*	295
300													300
305													305
310													310
315													315
320													320
325													325
330													330
335													335
340													340
345													345

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

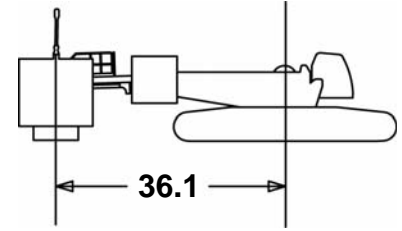
196.9 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
110											110
115											115
120											120
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170											170
175											175
180	62.4	425.2	10,100	74,000*							180
185	61.1	422.5	8,900	74,000*							185
190	59.8	419.6	7,900	71,300							190
195	58.5	416.5	6,800	68,700							195
200	57.2	413.3	5,800	66,200							200
205	55.9	409.9	4,900	63,800							205
210	54.5	406.4	4,000	61,600							210
215	53.1	402.6	3,200	59,500	57.6	408.8	53,300				215
220	51.7	398.7	2,400	57,500	56.2	405.5	51,500				220
225	50.2	394.6	1,600	55,500	54.9	402.0	49,700				225
230	48.7	390.2		53,700	53.5	398.3	48,000				230
235	47.2	385.6		51,900	52.1	394.4	46,400				235
240	45.6	380.7		50,300	50.6	390.3	44,800				240
245	44.0	375.6		48,600	49.1	386.0	43,300				245
250	42.4	370.2		47,100	47.6	381.5	41,900	52.3	388.2	35,800*	250
255	40.7	364.4		45,600	46.1	376.7	40,500	50.9	384.2	34,400*	255
260	38.9	358.3		44,200	44.5	371.7	39,200	49.4	379.9	33,100*	260
265	37.1	351.7		42,800	42.9	366.3	37,900	47.9	375.5	31,800*	265
270	35.1	344.7		41,500	41.2	360.6	36,700	46.4	370.7	30,600*	270
275	33.1	337.2		40,200	39.4	354.6	35,400*	44.8	365.7	29,400*	275
280	31.0	329.0		39,000	37.6	348.2	34,200*	43.2	360.4	28,300*	280
285	28.7	320.1		37,800	35.7	341.3	33,000*	41.5	354.8	27,200*	285
290	26.2	310.2		36,600	33.7	334.0	31,800*	39.7	348.9	26,100*	290
295	23.5	299.1		35,500	31.6	326.0	30,600*	37.9	342.5	25,100*	295
300	20.4	286.3		34,400	29.3	317.3	29,500*	36.0	335.7	24,100*	300
305	16.8	270.9		33,300	26.9	307.7	28,400*	34.1	328.5	23,100*	305
310	12.1	250.6		32,300	24.3	297.0	27,400*	32.0	320.6	22,100*	310
315	2.5	208.1		31,100	21.3	284.7	26,400*	29.7	312.0	21,200*	315
320					17.9	270.2	25,300*	27.4	302.6	20,300*	320
325					13.6	251.7	24,300*	24.8	292.1	19,400*	325
330					6.9	222.4	23,300*	21.9	280.2	18,600*	330
335								18.5	266.1	17,700*	335
340								14.4	248.6	16,900*	340
345								8.5	222.6	16,000*	345



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

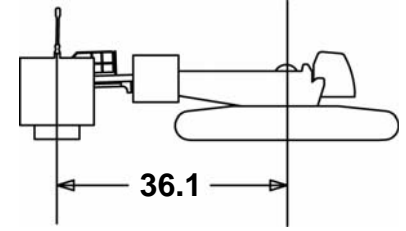
196.9 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
120	69.7	464.0	64,000	74,700*	70.8	464.8	50,800	73,100*					120
125	68.6	462.0	59,900	74,200*	69.7	462.9	47,400	72,900*					125
130	67.4	459.9	56,100	73,300*	68.6	461.0	44,200	72,600*					130
135	66.3	457.7	52,600	71,600*	67.5	458.9	41,300	72,300*					135
140	65.1	455.4	49,300	69,900*	66.4	456.7	38,600	72,000*					140
145	64.0	453.0	46,300	68,100*	65.2	454.4	36,100	71,700*	67.6	457.3	28,700	69,200*	145
150	62.8	450.4	43,500	66,200*	64.1	452.0	33,800	71,400*	66.4	455.1	26,600	69,100*	150
155	61.6	447.7	41,000	64,400*	62.9	449.4	31,600	71,100*	65.3	452.9	24,600	69,000*	155
160	60.4	444.9	38,500	62,600*	61.7	446.7	29,500	70,700*	64.1	450.4	22,800	68,900*	160
165	59.2	441.9	36,300	60,800*	60.5	443.9	27,600	70,400*	63.0	447.9	21,100	68,700*	165
170	58.0	438.8	34,100	59,100*	59.3	441.0	25,800	70,000*	61.8	445.2	19,500	68,500*	170
175	56.8	435.5	32,100	57,300*	58.1	437.9	24,100	69,100*	60.6	442.4	18,000	68,400*	175
180	55.5	432.1	30,200	55,600*	56.9	434.6	22,500	67,400*	59.4	439.4	16,600	68,200*	180
185	54.2	428.5	28,400	53,800*	55.6	431.2	21,000	65,600*	58.2	436.3	15,200	67,900*	185
190	52.9	424.8	26,800	52,200*	54.3	427.6	19,500	63,900*	56.9	433.1	13,900	67,700*	190
195	51.6	420.8	25,200	50,600*	53.0	423.9	18,200	62,100*	55.7	429.7	12,700	67,500*	195
200	50.3	416.7	23,600	49,000*	51.7	419.9	16,900	60,400*	54.4	426.1	11,600	67,300*	200
205	48.9	412.4	22,200	47,400*	50.3	415.8	15,600	58,600*	53.1	422.4	10,500	66,500*	205
210	47.5	407.8	20,800	46,000*	49.0	411.5	14,500	56,900*	51.8	418.5	9,400	64,200*	210
215	46.0	403.0	19,500	44,500*	47.6	407.0	13,300	55,200*	50.4	414.3	8,400	62,100*	215
220	44.6	398.0	18,300	43,200*	46.1	402.2	12,300	53,600*	49.0	410.0	7,500	60,000*	220
225	43.0	392.6	17,100	41,900*	44.7	397.1	11,200	52,000*	47.6	405.5	6,600	58,000*	225
230	41.5	387.0	15,900	40,600*	43.1	391.9	10,300	50,500*	46.2	400.7	5,700	56,100*	230
235	39.9	381.1	14,800	39,400*	41.6	386.3	9,300	49,000*	44.7	395.7	4,800	54,300*	235
240	38.2	374.8	13,800	38,300*	40.0	380.4	8,400	47,500*	43.2	390.4	4,000	52,600*	240
245	36.5	368.1	12,800	37,100*	38.3	374.1	7,500	46,100*	41.7	384.9	3,300	50,900*	245
250	34.7	361.0	11,800	36,100*	36.6	367.4	6,700	44,800*	40.1	379.0	2,500	49,400*	250
255	32.7	353.4	10,900	35,200*	34.8	360.3	5,900	43,500*	38.4	372.7	1,800	47,800*	255
260	30.7	345.1	10,000	34,300*	32.9	352.7	5,100	42,300*	36.7	366.1		46,300*	260
265	28.6	336.1	9,100	33,500*	30.9	344.5	4,400	41,100*	34.9	359.0		44,900*	265
270	26.3	326.3	8,300	32,700*	28.8	335.6	3,600	40,100*	33.0	351.4		43,600*	270
275	23.8	315.3	7,400	32,100*	26.5	325.8	2,900	39,100*	31.0	343.2		42,200*	275
280	21.0	302.9	6,600	31,500*	24.0	314.9	2,200	37,800*	28.9	334.4		41,000*	280
285	17.8	288.2	5,800	31,100*	21.2	302.6	1,500	36,300*	26.6	324.6		39,600*	285
290	13.9	270.0	5,000	29,700*	18.0	288.1		34,800*	24.1	313.8		38,000*	290
295	8.1	242.9	4,200	25,400*	14.1	270.1		31,500*	21.4	301.5		36,500*	295
300					8.6	244.1		27,300*	18.2	287.2		35,000*	300
305									14.4	269.5		33,100*	305
310									9.0	244.1		29,100*	310
315													315
320													320
325													325
330													330
335													335
340													340
345													345
350													350
355													355
360													360



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

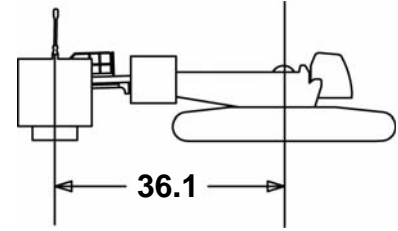
196.9 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
120											120
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170											170
175											175
180											180
185											185
190	62.2	442.2	5,700	62,600*							190
195	61.0	439.4	4,700	62,600*							195
200	59.8	436.5	3,700	62,600*							200
205	58.6	433.5	2,800	62,200							205
210	57.4	430.3	1,900	59,900							210
215	56.1	427.0		57,800							215
220	54.9	423.5		55,800							220
225	53.6	419.8		53,900	57.7	425.8	47,900				225
230	52.2	415.9		52,100	56.5	422.5	46,200				230
235	50.9	411.9		50,300	55.2	419.0	44,600				235
240	49.5	407.6		48,700	53.9	415.4	43,100				240
245	48.2	403.2		47,100	52.6	411.6	41,600				245
250	46.7	398.5		45,500	51.3	407.6	40,100*				250
255	45.3	393.6		44,000	49.9	403.4	38,600*				255
260	43.8	388.4		42,600	48.6	399.0	37,200*	52.9	405.4	30,700*	260
265	42.2	382.9		41,300	47.1	394.4	35,800*	51.5	401.5	29,400*	265
270	40.7	377.2		39,900	45.7	389.6	34,500*	50.2	397.3	28,200*	270
275	39.0	371.1		38,700	44.2	384.5	33,200*	48.8	393.0	27,000*	275
280	37.3	364.6		37,500	42.7	379.1	32,000*	47.4	388.4	25,900*	280
285	35.5	357.7		36,300	41.1	373.4	30,800*	46.0	383.6	24,800*	285
290	33.7	350.3		35,100	39.5	367.4	29,600*	44.5	378.5	23,800*	290
295	31.7	342.3		34,000	37.8	361.0	28,500*	43.0	373.2	22,700*	295
300	29.7	333.7		33,000	36.0	354.2	27,400*	41.4	367.6	21,800*	300
305	27.4	324.3		31,900	34.2	347.0	26,300*	39.8	361.6	20,800*	305
310	25.0	313.9		30,800*	32.3	339.2	25,300*	38.1	355.3	19,900*	310
315	22.4	302.2		29,700*	30.3	330.8	24,300*	36.4	348.6	19,000*	315
320	19.4	288.8		28,600*	28.1	321.6	23,300*	34.5	341.4	18,100*	320
325	15.9	272.5		27,600*	25.7	311.5	22,400*	32.6	333.7	17,300*	325
330	11.3	250.9		26,500*	23.2	300.3	21,500*	30.6	325.5	16,400*	330
335					20.3	287.4	20,500*	28.5	316.5	15,600*	335
340					17.0	272.1	19,700*	26.2	306.5	14,800*	340
345					12.8	252.5	18,800*	23.7	295.5	14,100*	345
350					6.0	220.4	17,800*	20.9	283.0	13,300*	350
355								17.6	268.2	12,500*	355
360								13.6	249.6	11,800*	360



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



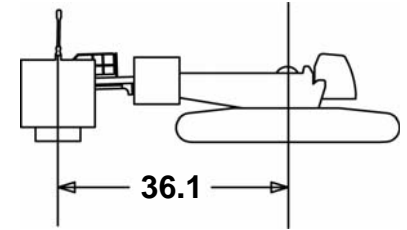
16000 MAX-ER

216.5 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
50	72.0	300.2	234,400	297,200*d									50
55	68.1	298.1	207,700	287,000*c									55
60	64.0	295.7	186,100	269,100*b									60
65	59.8	292.9	168,200	249,500*b	69.1	297.5	151,500	293,900*c					65
70	55.4	289.5	153,200	233,100*b	65.1	295.2	137,900	284,800*b					70
75	50.8	285.4	140,300	219,500*	61.0	292.4	126,300	276,500*b					75
80	45.7	280.7	129,200	208,100*	56.6	289.2	116,200	263,600*b	66.2	294.0	103,100	256,000c	80
85	40.2	274.9	119,500	198,800*	52.1	285.3	107,500	246,800*	62.0	291.3	95,200	237,500b	85
90	33.9	267.8	110,800	191,600*	47.1	280.8	99,700	230,300	57.8	288.2	88,300	221,300b	90
95	26.2	258.5	103,100	183,700*	41.8	275.3	92,800	215,400	53.2	284.5	82,200	207,000b	95
100	14.7	243.6	95,800	179,100*	35.7	268.7	86,600	202,200	48.4	280.2	76,700	194,400	100
105					28.5	260.1	80,900	190,300	43.2	275.0	71,700	183,000	105
110					18.6	247.5	75,600	179,500	37.3	268.7	67,100	172,800	110
115									30.4	260.6	62,900	163,500	115
120									21.5	249.5	58,900	155,000	120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

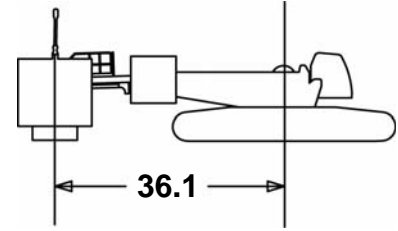
216.5 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105	60.8	286.1	55,800	170,600b									105
110	56.4	282.8	52,200	161,100b									110
115	51.8	278.9	48,800	152,600b									115
120	46.9	274.4	45,800	144,800									120
125	41.5	268.9	42,900	137,600									125
130	35.4	262.1	40,300	131,000	54.7	275.4	28,100	121,600b					130
135	28.1	253.4	37,700	124,900	50.0	271.3	26,200	116,000					135
140	18.0	240.5	35,200	119,200	44.9	266.4	24,400	110,800					140
145					39.2	260.5	22,800	106,000					145
150					32.8	253.1	21,100	101,500	52.4	265.9	11,000	93,700b	150
155					24.7	243.2	19,500	97,300	47.5	261.4	10,000	89,900	155
160					11.7	226.1	17,800	93,100	42.1	256.0	8,900	86,300	160
165									36.1	249.4	7,900	82,900	165
170									29.0	241.0	6,900	79,700	170
175									19.4	228.8	5,900	76,500	175



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



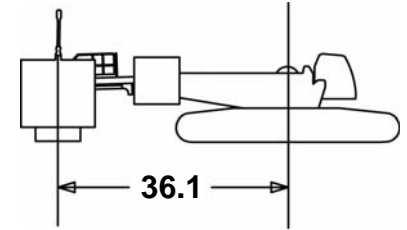
16000 MAX-ER

216.5 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
55	72.7	319.3	207,500	263,700*c									55
60	69.6	317.4	185,800	252,300*b									60
65	66.4	315.2	167,900	240,000*b									65
70	63.1	312.7	152,800	227,200*b	70.4	316.7	137,000	261,700*b					70
75	59.8	309.8	140,000	213,200*	67.2	314.6	125,400	254,400*b					75
80	56.3	306.5	128,900	201,000*	64.0	312.2	115,400	247,300*b					80
85	52.6	302.7	119,300	190,100*	60.7	309.4	106,700	240,400*b					85
90	48.8	298.4	110,800	178,900*	57.2	306.2	99,000	228,000*	64.8	311.0	87,200	220,200b	90
95	44.7	293.4	103,300	168,600*	53.6	302.5	92,200	214,700	61.5	308.3	81,100	206,000b	95
100	40.2	287.7	96,500	159,200*	49.8	298.4	86,100	201,600	58.1	305.2	75,700	193,400	100
105	35.3	280.9	90,400	150,900*	45.8	293.6	80,600	189,900	54.6	301.7	70,800	182,200	105
110	29.7	272.5	84,800	143,800*	41.5	288.1	75,600	179,400	50.8	297.6	66,300	172,100	110
115	22.7	261.6	79,600	138,400*	36.7	281.6	71,100	169,800	46.9	293.0	62,300	162,900	115
120	12.0	244.0	74,700	136,200*	31.3	273.7	66,900	161,100	42.6	287.7	58,600	154,600	120
125					24.8	263.7	63,000	153,100	38.0	281.5	55,100	147,000	125
130					15.7	248.9	59,200	145,700	32.7	274.0	52,000	140,000	130
135									26.6	264.7	48,900	133,600	135
140									18.4	251.6	46,000	127,500	140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

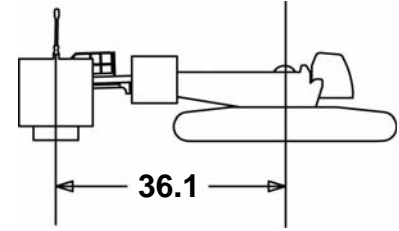
216.5 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115	60.5	303.0	47,400	151,400									115
120	57.1	299.8	44,500	143,600									120
125	53.5	296.1	41,700	136,600									125
130	49.7	292.0	39,200	130,100									130
135	45.6	287.2	36,900	124,200									135
140	41.3	281.6	34,700	118,700	55.7	292.5	23,000	109,600					140
145	36.5	275.0	32,600	113,600	52.0	288.6	21,400	104,900					145
150	31.0	267.1	30,600	108,800	48.1	284.2	19,900	100,500					150
155	24.4	257.0	28,700	104,300	44.0	279.1	18,500	96,400					155
160	15.1	241.8	26,800	100,000	39.5	273.2	17,200	92,600					160
165					34.5	266.2	16,000	89,000	50.1	279.0	6,500	81,700	165
170					28.6	257.6	14,700	85,600	46.1	274.2	5,700	78,600	170
175					21.3	246.1	13,500	82,300	41.8	268.7	4,800	75,700	175
180					9.0	225.5	12,100	79,100	37.0	262.3	4,100	72,900	180
185									31.7	254.6	3,300	70,300	185
190									25.2	244.7	2,500	67,700	190
195									16.4	230.5	1,600	65,300	195



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



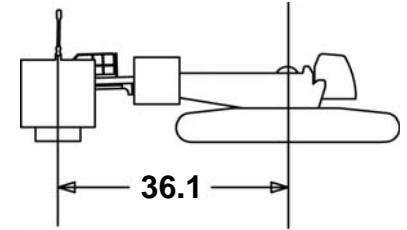
16000 MAX-ER

216.5 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60	73.1	338.3	184,900	226,000*b									60
65	70.5	336.6	166,900	217,200*b									65
70	67.9	334.5	151,800	207,700*b									70
75	65.2	332.2	138,900	197,800*									75
80	62.5	329.7	127,800	187,800*	68.6	333.9	113,800	228,600*b					80
85	59.7	326.8	118,200	177,800*	66.0	331.6	105,100	220,500*b					85
90	56.8	323.5	109,700	168,200*	63.3	329.1	97,500	211,400*					90
95	53.8	319.9	102,200	158,900*	60.5	326.3	90,700	201,900*	66.6	330.4	79,200	204,300b	95
100	50.7	315.8	95,500	150,100*	57.6	323.2	84,700	192,100*	64.0	328.0	73,800	191,800	100
105	47.4	311.3	89,500	141,900*	54.6	319.6	79,200	182,400*	61.2	325.2	69,000	180,600	105
110	44.0	306.2	84,000	134,300*	51.6	315.7	74,300	173,000*	58.3	322.2	64,600	170,600	110
115	40.3	300.4	79,000	127,400*	48.3	311.3	69,800	163,800*	55.4	318.7	60,600	161,500	115
120	36.2	293.8	74,500	121,100*	44.9	306.4	65,800	155,200*	52.4	314.9	56,900	153,200	120
125	31.7	286.0	70,300	115,600*	41.3	300.8	62,000	147,100*	49.2	310.6	53,600	145,700	125
130	26.6	276.6	66,400	110,900*	37.3	294.4	58,500	139,500*	45.8	305.9	50,500	138,800	130
135	20.1	264.2	62,700	107,500*	33.0	287.0	55,300	132,700*	42.2	300.5	47,700	132,500	135
140	9.9	243.7	59,000	106,600*	28.0	278.1	52,300	126,700*	38.4	294.3	45,000	126,600	140
145					22.0	266.7	49,400	121,800*	34.2	287.1	42,500	121,100	145
150					13.5	249.8	46,600	118,600*	29.4	278.7	40,200	116,100	150
155									23.7	268.1	37,900	111,300	155
160									16.1	253.2	35,700	106,800	160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
215													215

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

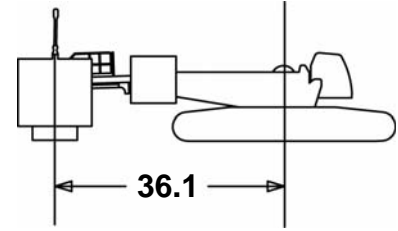
216.5 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	60.3	320.0	39,600	134,800									125
130	57.5	316.8	37,100	128,400									130
135	54.5	313.3	34,900	122,500									135
140	51.4	309.3	32,700	117,100									140
145	48.2	304.9	30,800	112,100									145
150	44.8	300.0	28,900	107,400	56.3	309.5	17,700	98,700					150
155	41.1	294.3	27,200	103,000	53.3	305.8	16,400	94,700					155
160	37.2	287.9	25,500	98,900	50.2	301.7	15,100	90,900					160
165	32.8	280.4	24,000	95,100	46.9	297.1	13,900	87,400					165
170	27.8	271.4	22,500	91,500	43.4	291.9	12,800	84,000					170
175	21.7	259.9	21,000	88,000	39.6	286.0	11,800	80,900	51.8	296.3	2,500	73,800	175
180	13.0	242.6	19,500	84,700	35.5	279.2	10,800	78,000	48.5	291.9	1,800	71,100	180
185					31.0	271.2	9,800	75,200	45.1	287.0		68,600	185
190					25.6	261.4	8,800	72,500	41.5	281.5		66,100	190
195					18.8	248.3	7,800	69,900	37.6	275.2		63,800	195
200					6.6	223.7	6,600	67,300	33.3	267.8		61,600	200
205									28.4	259.0		59,500	205
210									22.5	247.9		57,500	210
215									14.2	231.6		55,500	215



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



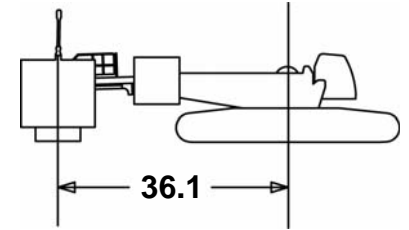
16000 MAX-ER

216.5 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	73.4	357.4	166,100	195,000* ^b									65
70	71.2	355.7	150,900	188,300* ^b									70
75	69.0	353.8	138,000	181,100*									75
80	66.7	351.6	126,900	173,500*									80
85	64.4	349.3	117,300	165,600*	69.6	353.1	103,900	198,900*					85
90	62.1	346.6	108,800	157,800*	67.3	351.0	96,300	193,300*					90
95	59.7	343.7	101,300	150,000*	65.1	348.7	89,500	186,500*					95
100	57.2	340.5	94,600	142,400*	62.7	346.1	83,500	179,400*	67.9	349.7	72,300	190,500	100
105	54.7	337.0	88,600	135,200*	60.3	343.3	78,000	171,800*	65.6	347.5	67,500	179,400	105
110	52.0	333.1	83,100	128,200*	57.9	340.1	73,100	164,200*	63.3	344.9	63,100	169,300	110
115	49.3	328.9	78,200	121,600*	55.4	336.7	68,700	156,500*	60.9	342.2	59,200	160,300	115
120	46.5	324.2	73,700	115,500*	52.8	333.0	64,600	149,000*	58.5	339.1	55,600	152,100	120
125	43.5	319.0	69,600	109,800*	50.1	328.8	60,900	141,700*	56.0	335.8	52,300	144,600	125
130	40.3	313.2	65,800	104,500*	47.2	324.2	57,500	134,700*	53.4	332.1	49,200	137,700	130
135	36.9	306.6	62,200	99,600*	44.3	319.2	54,300	128,100*	50.7	328.0	46,400	131,400	135
140	33.1	299.2	58,900	95,300*	41.2	313.5	51,400	121,700*	48.0	323.6	43,800	125,600	140
145	29.0	290.5	55,900	91,500*	37.8	307.2	48,700	115,900*	45.0	318.7	41,400	120,200	145
150	24.1	280.0	53,000	88,400*	34.2	300.1	46,100	110,500*	42.0	313.2	39,100	115,200	150
155	18.1	266.3	50,200	86,200*	30.1	291.8	43,700	105,700*	38.7	307.1	37,000	110,500	155
160	8.0	242.7	47,400	86,000*	25.5	281.9	41,400	101,500*	35.1	300.1	35,000	106,100	160
165					19.9	269.2	39,200	98,000*	31.2	292.2	33,100	102,000	165
170					11.7	250.2	37,000	95,900*	26.8	282.7	31,300	98,200	170
175									21.5	271.0	29,500	94,500	175
180									14.2	254.4	27,800	91,000	180
185													185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

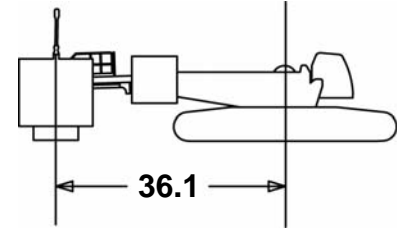
216.5 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65												65
70												70
75												75
80												80
85												85
90												90
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130	62.6	339.8	35,500	127,000								130
135	60.2	336.9	33,200	121,200								135
140	57.8	333.8	31,200	115,800								140
145	55.2	330.4	29,200	110,800								145
150	52.6	326.6	27,400	106,100								150
155	49.9	322.4	25,700	101,800								155
160	47.1	317.8	24,200	97,800	56.8	326.5	13,400	89,500				160
165	44.1	312.7	22,700	94,000	54.2	323.0	12,300	86,000				165
170	41.0	307.1	21,200	90,400	51.6	319.0	11,200	82,700				170
175	37.7	300.7	19,900	87,100	48.9	314.7	10,200	79,600				175
180	34.0	293.5	18,600	83,900	46.0	309.9	9,300	76,700				180
185	30.0	285.2	17,400	80,900	43.0	304.6	8,300	74,000	52.9	313.5	67,100	185
190	25.3	275.2	16,200	78,100	39.7	298.7	7,500	71,400	50.2	309.4	64,700	190
195	19.6	262.4	15,000	75,400	36.3	292.1	6,600	68,900	47.4	304.8	62,500	195
200	11.2	242.8	13,700	72,700	32.5	284.5	5,800	66,600	44.5	299.8	60,300	200
205					28.2	275.6	5,000	64,300	41.4	294.2	58,300	205
210					23.3	264.7	4,200	62,200	38.0	288.0	56,400	210
215					16.9	250.1	3,400	60,100	34.4	280.9	54,500	215
220					4.2	220.1	2,400	57,900	30.4	272.6	52,700	220
225									25.8	262.9	51,000	225
230									20.3	250.5	49,300	230
235									12.4	232.1	47,600	235



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



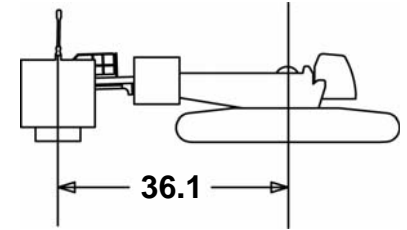
16000 MAX-ER

216.5 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	73.7	376.5	149,700	168,800*b									70
75	71.7	374.8	136,800	163,700*									75
80	69.8	373.0	125,600	158,100*									80
85	67.8	371.0	115,900	152,300*									85
90	65.8	368.7	107,400	146,200*	70.3	372.2	94,500	170,200*					90
95	63.8	366.3	99,900	140,000*	68.4	370.3	87,800	169,400*					95
100	61.8	363.6	93,200	133,800*	66.4	368.1	81,700	164,500*					100
105	59.6	360.7	87,200	127,700*	64.4	365.7	76,300	159,000*					105
110	57.5	357.5	81,800	121,700*	62.3	363.1	71,500	153,300*	66.9	366.8	61,200	166,000*	110
115	55.3	354.0	76,800	115,900*	60.2	360.2	67,000	147,400*	64.9	364.5	57,200	158,600	115
120	53.0	350.3	72,400	110,400*	58.1	357.1	63,000	141,300*	62.8	361.9	53,700	150,500	120
125	50.7	346.2	68,200	105,100*	55.9	353.8	59,300	135,200*	60.8	359.1	50,400	143,000	125
130	48.2	341.8	64,500	100,100*	53.6	350.1	55,900	129,300*	58.6	356.1	47,400	136,200	130
135	45.7	337.0	61,000	95,400*	51.3	346.1	52,800	123,400*	56.4	352.8	44,600	129,900	135
140	43.1	331.7	57,700	91,100*	48.9	341.8	49,900	117,700*	54.2	349.2	42,000	124,100	140
145	40.3	325.9	54,700	87,000*	46.4	337.1	47,200	112,300*	51.9	345.3	39,600	118,700	145
150	37.3	319.5	51,900	83,200*	43.8	332.0	44,600	107,100*	49.5	341.1	37,400	113,700	150
155	34.1	312.3	49,300	79,800*	41.1	326.3	42,300	102,200*	47.1	336.5	35,300	109,100	155
160	30.6	304.1	46,800	76,800*	38.1	320.0	40,100	97,600*	44.5	331.5	33,300	104,800	160
165	26.7	294.6	44,400	74,100*	35.0	313.1	38,000	93,300*	41.8	325.9	31,500	100,700	165
170	22.2	283.1	42,200	71,900*	31.6	305.2	36,000	89,500*	38.9	319.9	29,700	96,900	170
175	16.4	268.0	40,000	70,500*	27.8	296.1	34,100	86,000*	35.8	313.1	28,100	93,300	175
180	6.3	240.8	37,700	70,500*	23.5	285.2	32,300	82,900*	32.5	305.4	26,500	89,900	180
185					18.1	271.4	30,600	80,500*	28.8	296.7	25,000	86,800	185
190					10.2	250.1	28,800	79,100*	24.7	286.3	23,600	83,700	190
195									19.6	273.5	22,200	80,800	195
200									12.7	255.1	20,800	78,000	200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
255													255

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

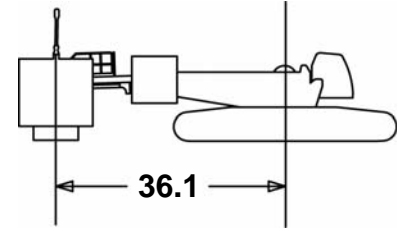
216.5 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70												70
75												75
80												80
85												85
90												90
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140	62.2	356.7	29,000	114,000								140
145	60.1	353.9	27,100	109,000								145
150	58.0	350.8	25,300	104,400								150
155	55.8	347.4	23,600	100,100								155
160	53.5	343.7	22,100	96,100								160
165	51.2	339.7	20,600	92,400								165
170	48.8	335.4	19,300	88,800	57.1	343.5	8,900	80,900				170
175	46.3	330.7	18,000	85,500	54.9	340.0	7,900	77,800				175
180	43.7	325.5	16,700	82,400	52.6	336.2	7,000	74,900				180
185	40.9	319.8	15,600	79,500	50.3	332.1	6,200	72,200				185
190	38.0	313.5	14,500	76,700	47.8	327.6	5,300	69,700				190
195	34.9	306.5	13,400	74,000	45.3	322.8	4,500	67,300				195
200	31.5	298.6	12,400	71,500	42.6	317.4	3,800	64,900	51.5	326.7	58,500	200
205	27.7	289.4	11,400	69,100	39.8	311.5	3,100	62,800	49.1	322.4	56,500	205
210	23.3	278.5	10,400	66,800	36.8	305.0	2,400	60,700	46.6	317.7	54,600	210
215	17.9	264.5	9,400	64,600	33.6	297.6	1,700	58,700	44.0	312.6	52,700	215
220	9.7	242.5	8,400	62,400	30.0	289.2		56,800	41.2	307.0	51,000	220
225					26.1	279.5		54,900	38.3	300.8	49,300	225
230					21.3	267.6		53,200	35.2	293.8	47,700	230
235					15.2	251.6		51,400	31.8	286.0	46,200	235
240									28.1	277.0	44,700	240
245									23.8	266.3	43,300	245
250									18.5	252.7	41,900	250
255									10.9	232.3	40,500	255



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



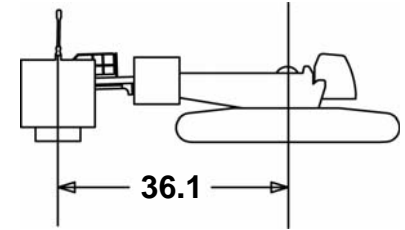
16000 MAX-ER

216.5 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	72.1	393.9	124,600	143,000*									80
85	70.4	392.1	114,800	138,700*									85
90	68.7	390.2	106,300	134,200*									90
95	66.9	388.1	98,800	129,500*	70.9	391.4	86,400	145,900*					95
100	65.1	385.7	92,000	124,600*	69.2	389.5	80,300	145,900*					100
105	63.3	383.2	86,000	119,700*	67.4	387.4	74,900	145,200*					105
110	61.5	380.5	80,600	114,700*	65.6	385.1	70,100	141,100*					110
115	59.6	377.6	75,700	109,900*	63.8	382.7	65,600	136,700*	67.9	386.1	55,700	141,100*	115
120	57.7	374.5	71,200	105,100*	62.0	380.0	61,600	132,200*	66.1	383.9	52,100	141,100*	120
125	55.8	371.1	67,100	100,500*	60.1	377.2	57,900	127,500*	64.3	381.5	48,800	141,100*	125
130	53.8	367.5	63,300	96,000*	58.2	374.1	54,500	122,700*	62.5	378.9	45,800	134,900	130
135	51.7	363.5	59,800	91,800*	56.3	370.8	51,400	117,900*	60.6	376.1	43,100	128,600	135
140	49.6	359.3	56,600	87,700*	54.3	367.2	48,500	113,100*	58.7	373.1	40,500	122,800	140
145	47.4	354.7	53,600	83,800*	52.3	363.4	45,900	108,300*	56.8	369.8	38,100	117,500	145
150	45.1	349.8	50,800	80,200*	50.2	359.2	43,400	103,800*	54.8	366.3	35,900	112,500	150
155	42.8	344.5	48,200	76,800*	48.0	354.8	41,000	99,300*	52.8	362.5	33,800	107,900	155
160	40.3	338.7	45,800	73,600*	45.8	349.9	38,800	95,000*	50.7	358.5	31,900	103,600	160
165	37.7	332.3	43,500	70,700*	43.4	344.7	36,800	91,000*	48.6	354.1	30,100	99,500	165
170	34.9	325.3	41,300	67,900*	41.0	339.0	34,800	87,100*	46.3	349.4	28,400	95,800	170
175	31.9	317.4	39,200	65,500*	38.4	332.8	33,000	83,500*	44.0	344.2	26,800	92,200	175
180	28.6	308.6	37,300	63,300*	35.7	326.0	31,300	80,000*	41.6	338.7	25,200	88,900	180
185	24.9	298.3	35,400	61,300*	32.7	318.4	29,600	76,800*	39.1	332.6	23,800	85,700	185
190	20.5	285.8	33,600	59,800*	29.5	309.8	28,100	74,000*	36.4	326.0	22,400	82,700	190
195	15.0	269.4	31,900	58,900*	25.9	300.0	26,600	71,400*	33.5	318.6	21,100	79,900	195
200	4.6	237.6	30,000	58,900*	21.8	288.2	25,100	69,200*	30.3	310.3	19,800	77,200	200
205					16.7	273.2	23,700	67,400*	26.9	300.8	18,600	74,600	205
210					8.8	249.5	22,200	66,600*	22.9	289.6	17,400	72,200	210
215									18.1	275.6	16,300	69,800	215
220									11.4	255.4	15,100	67,500	220
225													225
230													230
235													235
240													240
245													245
250													250
255													255
260													260
265													265
270													270
275													275

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

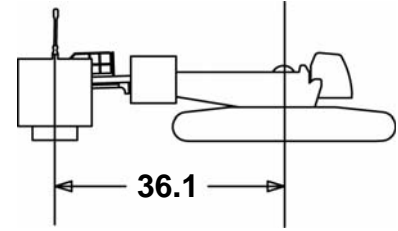
216.5 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80												80
85												85
90												90
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150	61.9	373.7	23,600	103,000								150
155	60.1	370.8	22,000	98,700								155
160	58.2	367.7	20,400	94,700								160
165	56.2	364.4	19,000	91,000								165
170	54.2	360.8	17,600	87,500								170
175	52.2	357.0	16,400	84,200								175
180	50.1	352.8	15,200	81,100	57.4	360.5	5,200	73,500				180
185	47.9	348.4	14,000	78,200	55.4	357.1	4,400	70,800				185
190	45.7	343.5	12,900	75,400	53.4	353.4	3,600	68,300				190
195	43.3	338.3	11,900	72,800	51.4	349.4	2,800	65,900				195
200	40.9	332.6	10,900	70,400	49.2	345.2	2,100	63,600				200
205	38.3	326.3	10,000	68,000	47.0	340.5		61,400				205
210	35.5	319.5	9,100	65,800	44.8	335.6		59,400	52.4	343.9	53,100	210
215	32.6	311.8	8,200	63,600	42.4	330.1		57,400	50.3	339.8	51,300	215
220	29.4	303.2	7,400	61,600	39.9	324.2		55,500	48.1	335.4	49,600	220
225	25.8	293.3	6,600	59,600	37.2	317.8		53,700	45.9	330.6	47,900	225
230	21.6	281.4	5,700	57,700	34.4	310.6		52,000	43.6	325.4	46,400	230
235	16.4	266.2	4,900	55,900	31.4	302.7		50,400	41.1	319.7	44,900	235
240	8.3	241.6	4,000	54,000	28.0	293.6		48,800	38.6	313.5	43,400	240
245					24.2	283.0		47,300	35.8	306.7	42,100	245
250					19.8	270.1		45,800	32.9	299.2	40,700	250
255					13.9	252.6		44,300	29.7	290.7	39,400	255
260									26.2	280.9	38,200	260
265									22.1	269.3	37,000	265
270									17.0	254.6	35,800	270
275									9.5	231.9	34,400*	275



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



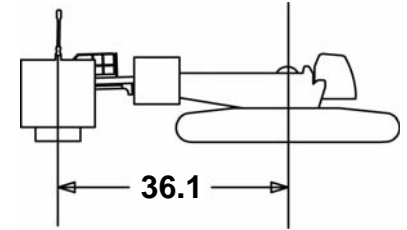
16000 MAX-ER

216.5 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	70.9	411.3	104,900	121,800*									90
95	69.4	409.4	97,300	118,300*									95
100	67.8	407.3	90,600	114,700*									100
105	66.2	405.1	84,500	110,900*	69.8	408.6	73,200	124,600*					105
110	64.6	402.8	79,100	107,000*	68.2	406.7	68,300	124,600*					110
115	63.0	400.2	74,200	103,100*	66.6	404.5	63,900	124,600*					115
120	61.3	397.5	69,700	99,200*	65.0	402.2	59,900	121,700*					120
125	59.6	394.6	65,600	95,300*	63.4	399.7	56,200	118,200*	67.0	403.2	46,800	120,100*	125
130	57.9	391.5	61,800	91,500*	61.7	397.0	52,800	114,600*	65.4	400.9	43,900	120,100*	130
135	56.1	388.1	58,300	87,800*	60.1	394.1	49,700	111,000*	63.8	398.5	41,100	120,100*	135
140	54.4	384.5	55,100	84,200*	58.4	391.1	46,800	107,200*	62.2	395.9	38,600	120,100*	140
145	52.5	380.7	52,100	80,700*	56.6	387.8	44,100	103,300*	60.5	393.0	36,200	115,900	145
150	50.7	376.7	49,300	77,400*	54.8	384.3	41,700	99,500*	58.8	390.0	34,000	111,000	150
155	48.7	372.3	46,700	74,200*	53.0	380.5	39,300	95,700*	57.1	386.8	32,000	106,400	155
160	46.7	367.6	44,300	71,200*	51.2	376.5	37,200	92,000*	55.3	383.4	30,000	102,100	160
165	44.7	362.6	42,000	68,400*	49.2	372.3	35,100	88,400*	53.5	379.7	28,200	98,000	165
170	42.5	357.2	39,900	65,700*	47.3	367.7	33,200	84,900*	51.6	375.7	26,600	94,300	170
175	40.3	351.4	37,900	63,100*	45.2	362.8	31,400	81,500*	49.7	371.5	25,000	90,700	175
180	38.0	345.1	36,000	60,800*	43.1	357.5	29,700	78,200*	47.8	367.0	23,500	87,400	180
185	35.5	338.2	34,200	58,600*	40.9	351.8	28,100	75,100*	45.8	362.2	22,000	84,300	185
190	32.8	330.6	32,400	56,600*	38.6	345.6	26,600	72,200*	43.7	357.0	20,700	81,300	190
195	30.0	322.2	30,800	54,700*	36.2	338.9	25,100	69,400*	41.5	351.4	19,400	78,500	195
200	26.8	312.6	29,200	53,100*	33.6	331.5	23,700	66,800*	39.2	345.4	18,200	75,800	200
205	23.3	301.6	27,700	51,700*	30.8	323.3	22,400	64,500*	36.8	338.8	17,000	73,300	205
210	19.1	288.2	26,300	50,700*	27.7	314.1	21,100	62,300*	34.2	331.6	15,900	70,900	210
215	13.8	270.4	24,800	50,100*	24.3	303.5	19,900	60,400*	31.5	323.6	14,800	68,600	215
220	2.1	230.8	23,100	49,800*	20.4	290.9	18,700	58,700*	28.5	314.7	13,800	66,400	220
225					15.4	274.6	17,500	57,400*	25.2	304.5	12,800	64,300	225
230					7.6	248.3	16,200	56,900*	21.4	292.5	11,800	62,300	230
235									16.8	277.4	10,800	60,300	235
240									10.2	255.3	9,800	58,400	240
245													245
250													250
255													255
260													260
265													265
270													270
275													275
280													280
285													285
290													290
295													295

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

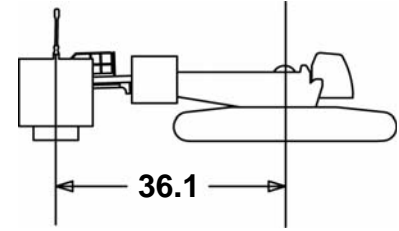
216.5 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Point Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Point Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Point Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90											90
95											95
100											100
105											105
110											110
115											115
120											120
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160	61.7	390.7	18,200	93,000							160
165	60.0	387.8	16,800	89,300							165
170	58.3	384.7	15,500	85,800							170
175	56.5	381.4	14,300	82,500							175
180	54.8	377.9	13,100	79,500							180
185	52.9	374.2	12,000	76,600							185
190	51.1	370.1	10,900	73,800	57.6	377.5	66,400				190
195	49.2	365.9	9,900	71,200	55.9	374.1	64,100				195
200	47.2	361.3	9,000	68,800	54.1	370.5	61,800				200
205	45.1	356.3	8,100	66,400	52.2	366.7	59,700				205
210	43.0	351.0	7,200	64,200	50.3	362.5	57,600				210
215	40.8	345.3	6,300	62,100	48.4	358.1	55,700				215
220	38.5	339.1	5,500	60,100	46.4	353.4	53,800				220
225	36.0	332.4	4,800	58,200	44.3	348.4	52,100	51.3	357.1	46,100	225
230	33.4	325.0	4,000	56,300	42.2	342.9	50,400	49.4	352.8	44,600	230
235	30.6	316.7	3,300	54,600	39.9	337.0	48,800	47.4	348.3	43,100	235
240	27.6	307.5	2,600	52,900	37.6	330.6	47,200	45.4	343.4	41,700	240
245	24.1	296.8	1,900	51,200	35.1	323.6	45,700	43.3	338.1	40,300*	245
250	20.2	284.0		49,600	32.4	315.9	44,300	41.1	332.5	38,900*	250
255	15.2	267.6		48,100	29.5	307.3	42,900	38.7	326.3	37,500*	255
260	7.0	240.2		46,500	26.3	297.5	41,600	36.3	319.6	36,200*	260
265					22.7	286.2	40,300	33.7	312.3	35,000*	265
270					18.4	272.3	39,000	31.0	304.2	33,700*	270
275					12.7	253.3	37,800	27.9	295.0	32,500*	275
280								24.5	284.5	31,400*	280
285								20.6	272.0	30,200*	285
290								15.8	256.1	29,100*	290
295								8.3	231.1	27,900*	295



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



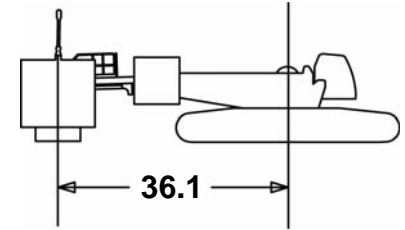
16000 MAX-ER

216.5 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95	71.3	430.4	95,700	106,900*									95
100	69.9	428.5	89,000	104,200*									100
105	68.5	426.6	82,900	101,300*									105
110	67.1	424.5	77,500	98,300*	70.3	427.8	66,500	106,900*					110
115	65.6	422.2	72,500	95,400*	68.9	425.9	62,000	106,900*					115
120	64.1	419.8	68,000	92,300*	67.4	423.8	58,000	106,900*					120
125	62.6	417.2	63,900	89,200*	66.0	421.6	54,400	106,800*					125
130	61.1	414.5	60,100	86,100*	64.5	419.2	51,000	105,200*	67.8	422.5	41,900	102,500*	130
135	59.6	411.5	56,600	83,000*	63.0	416.7	47,900	102,500*	66.4	420.3	39,100	102,500*	135
140	58.0	408.4	53,400	79,900*	61.5	414.0	45,000	99,600*	64.9	418.0	36,600	102,500*	140
145	56.5	405.1	50,400	77,000*	60.0	411.1	42,300	96,700*	63.4	415.5	34,200	102,500*	145
150	54.8	401.6	47,700	74,100*	58.5	408.0	39,800	93,700*	61.9	412.8	32,000	102,500*	150
155	53.2	397.9	45,100	71,200*	56.9	404.8	37,500	90,700*	60.4	410.0	30,000	102,500*	155
160	51.5	393.9	42,600	68,500*	55.3	401.3	35,400	87,700*	58.9	407.0	28,100	100,500	160
165	49.8	389.7	40,400	65,900*	53.6	397.7	33,300	84,600*	57.3	403.8	26,300	96,500	165
170	48.0	385.3	38,200	63,400*	52.0	393.8	31,400	81,600*	55.7	400.4	24,600	92,700	170
175	46.2	380.5	36,200	61,000*	50.2	389.6	29,600	78,700*	54.1	396.8	23,100	89,200	175
180	44.3	375.4	34,300	58,800*	48.5	385.2	27,900	75,800*	52.4	393.0	21,600	85,900	180
185	42.3	370.0	32,600	56,600*	46.7	380.6	26,300	73,100*	50.7	388.9	20,200	82,800	185
190	40.3	364.2	30,900	54,600*	44.8	375.6	24,800	70,400*	48.9	384.5	18,800	79,800	190
195	38.2	357.9	29,200	52,700*	42.9	370.2	23,400	67,800*	47.1	379.9	17,600	77,000	195
200	36.0	351.1	27,700	50,900*	40.9	364.5	22,000	65,300*	45.3	375.0	16,300	74,400	200
205	33.6	343.7	26,200	49,300*	38.8	358.4	20,700	63,000*	43.4	369.8	15,200	71,800	205
210	31.1	335.6	24,800	47,800*	36.6	351.7	19,500	60,700*	41.4	364.2	14,100	69,400	210
215	28.3	326.6	23,500	46,400*	34.2	344.5	18,300	58,600*	39.3	358.1	13,100	67,200	215
220	25.3	316.4	22,200	45,200*	31.8	336.6	17,100	56,700*	37.1	351.6	12,100	65,000	220
225	21.9	304.6	20,900	44,200*	29.1	327.9	16,000	54,900*	34.8	344.6	11,100	62,900	225
230	17.9	290.3	19,700	43,500*	26.2	318.0	15,000	53,200*	32.4	336.9	10,200	60,900	230
235	12.7	271.1	18,500	43,100*	22.9	306.7	13,900	51,800*	29.8	328.3	9,300	59,000	235
240					19.1	293.2	12,900	50,500*	26.9	318.8	8,400	57,200	240
245					14.3	275.8	11,900	49,600*	23.8	307.9	7,600	55,500	245
250					6.4	246.5	10,800	46,700*	20.1	295.1	6,700	53,800	250
255									15.7	278.9	5,900	52,100	255
260									9.1	254.8	5,000	50,500	260
265													265
270													270
275													275
280													280
285													285
290													290
295													295
300													300
305													305
310													310
315													315

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

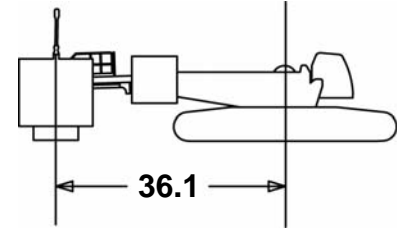
216.5 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95											95
100											100
105											105
110											110
115											115
120											120
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165	63.0	410.3	14,700	87,600							165
170	61.5	407.6	13,400	84,100							170
175	59.9	404.7	12,200	80,800							175
180	58.4	401.7	11,000	77,800							180
185	56.8	398.4	9,900	74,900							185
190	55.2	395.0	8,900	72,200							190
195	53.6	391.3	7,900	69,600							195
200	51.9	387.4	6,900	67,100	57.8	394.5	60,000				200
205	50.2	383.2	6,000	64,800	56.2	391.1	57,900				205
210	48.4	378.8	5,200	62,600	54.6	387.6	55,900				210
215	46.6	374.1	4,400	60,500	52.9	383.8	54,000				215
220	44.7	369.1	3,600	58,500	51.2	379.9	52,100				220
225	42.8	363.8	2,800	56,600	49.5	375.6	50,400				225
230	40.8	358.1	2,100	54,800	47.7	371.1	48,700				230
235	38.7	351.9		53,000	45.9	366.3	47,100	52.1	374.3	40,900*	235
240	36.5	345.2		51,400	44.0	361.1	45,600	50.4	370.2	39,400*	240
245	34.1	338.0		49,800	42.0	355.6	44,100	48.6	365.8	38,000*	245
250	31.7	330.0		48,200	40.0	349.7	42,700	46.8	361.2	36,600*	250
255	29.0	321.2		46,700	37.8	343.4	41,300	44.9	356.2	35,200*	255
260	26.0	311.4		45,300	35.6	336.5	40,000	43.0	350.9	33,900*	260
265	22.8	300.0		43,900	33.2	329.0	38,800	41.0	345.2	32,700*	265
270	18.9	286.4		42,500	30.6	320.8	37,600	38.9	339.1	31,500*	270
275	14.1	268.7		41,200	27.9	311.6	36,400	36.7	332.5	30,300*	275
280	5.8	238.0		39,800	24.8	301.2	35,200	34.4	325.3	29,200*	280
285					21.4	289.1	34,100	31.9	317.5	28,100*	285
290					17.2	274.2	33,000*	29.3	308.8	27,100*	290
295					11.6	253.7	31,700*	26.4	299.0	26,000*	295
300								23.1	287.8	25,000*	300
305								19.4	274.5	24,000*	305
310								14.7	257.4	23,000*	310
315								7.2	229.8	22,000*	315



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



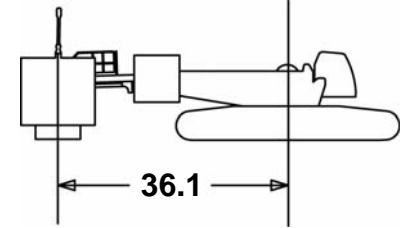
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216.5 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	70.4	447.7	81,400	91,700*									105
110	69.1	445.8	75,900	89,500*									110
115	67.8	443.7	71,000	87,100*	70.7	446.9	60,300	92,000*					115
120	66.4	441.6	66,500	84,700*	69.4	445.1	56,300	91,900*					120
125	65.1	439.2	62,400	82,300*	68.1	443.1	52,600	91,800*					125
130	63.7	436.8	58,600	79,900*	66.8	440.9	49,200	91,700*					130
135	62.4	434.2	55,100	77,400*	65.5	438.6	46,100	91,500*					135
140	61.0	431.4	51,900	74,900*	64.1	436.2	43,300	91,200*	67.1	439.6	34,700	88,100*	140
145	59.6	428.5	48,900	72,400*	62.7	433.6	40,600	89,100*	65.8	437.4	32,300	88,100*	145
150	58.2	425.4	46,100	70,000*	61.4	430.9	38,100	86,800*	64.5	435.0	30,100	88,100*	150
155	56.7	422.1	43,600	67,600*	60.0	428.0	35,800	84,500*	63.1	432.5	28,100	88,100*	155
160	55.2	418.7	41,100	65,200*	58.5	425.0	33,700	82,100*	61.7	429.8	26,200	88,100*	160
165	53.7	415.0	38,900	62,900*	57.1	421.8	31,700	79,700*	60.3	427.0	24,500	88,100*	165
170	52.2	411.2	36,800	60,700*	55.6	418.4	29,800	77,300*	58.9	423.9	22,800	88,100*	170
175	50.6	407.1	34,800	58,600*	54.1	414.8	28,000	74,900*	57.5	420.8	21,200	87,700	175
180	49.0	402.8	32,900	56,500*	52.6	411.0	26,300	72,500*	56.0	417.4	19,700	84,400	180
185	47.4	398.2	31,100	54,500*	51.1	407.0	24,700	70,100*	54.5	413.9	18,400	81,300	185
190	45.7	393.4	29,400	52,600*	49.5	402.7	23,200	67,800*	53.0	410.1	17,000	78,400	190
195	44.0	388.2	27,800	50,800*	47.8	398.2	21,800	65,500*	51.5	406.1	15,800	75,600	195
200	42.2	382.7	26,300	49,100*	46.2	393.4	20,400	63,300*	49.9	402.0	14,600	72,900	200
205	40.3	376.9	24,800	47,500*	44.4	388.4	19,100	61,100*	48.3	397.5	13,500	70,400	205
210	38.4	370.7	23,500	46,000*	42.7	383.0	17,900	59,100*	46.6	392.8	12,400	68,100	210
215	36.3	364.0	22,100	44,500*	40.8	377.3	16,700	57,100*	44.9	387.9	11,400	65,800	215
220	34.2	356.7	20,900	43,200*	38.9	371.1	15,600	55,200*	43.1	382.6	10,400	63,600	220
225	31.9	348.9	19,700	41,900*	36.9	364.6	14,500	53,300*	41.3	376.9	9,400	61,600	225
230	29.5	340.2	18,500	40,800*	34.8	357.5	13,500	51,600*	39.4	370.9	8,500	59,600	230
235	26.9	330.7	17,400	39,700*	32.6	349.8	12,500	50,000*	37.4	364.5	7,700	57,700	235
240	24.0	319.9	16,300	38,800*	30.2	341.4	11,600	48,500*	35.3	357.5	6,800	55,900	240
245	20.8	307.4	15,200	38,100*	27.6	332.1	10,600	47,100*	33.1	350.0	6,000	54,200	245
250	16.9	292.1	14,200	37,600*	24.8	321.7	9,800	45,800*	30.8	341.8	5,200	52,500	250
255	11.7	271.6	13,100	37,400*	21.7	309.7	8,900	44,700*	28.3	332.7	4,500	51,000	255
260					18.0	295.4	8,000	43,800*	25.6	322.6	3,700	49,400	260
265					13.3	276.7	7,100	43,100*	22.5	311.1	3,000	47,900	265
270					5.3	243.9	6,200	38,100*	19.0	297.4	2,300	46,500	270
275									14.6	280.2	1,600	45,100	275
280									8.2	253.9		42,100*	280
285													285
290													290
295													295
300													300
305													305
310													310
315													315
320													320
325													325
330													330
335													335

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

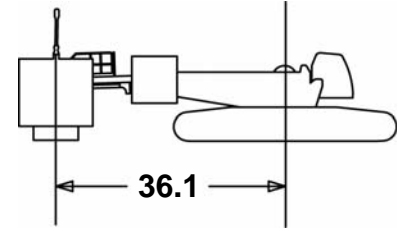
216.5 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105											105
110											110
115											115
120											120
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170											170
175	62.7	427.3	10,100	79,200							175
180	61.3	424.6	8,900	76,100							180
185	59.9	421.7	7,800	73,200							185
190	58.5	418.6	6,800	70,500							190
195	57.0	415.4	5,900	68,000							195
200	55.6	412.0	4,900	65,500							200
205	54.1	408.4	4,100	63,200							205
210	52.6	404.6	3,200	61,000	57.9	411.4	54,100				210
215	51.0	400.6	2,400	59,000	56.5	408.1	52,200				215
220	49.4	396.3	1,700	57,000	55.0	404.7	50,400				220
225	47.8	391.8		55,100	53.5	401.0	48,700				225
230	46.1	387.0		53,300	52.0	397.1	47,000				230
235	44.4	381.9		51,500	50.4	393.0	45,400				235
240	42.6	376.5		49,900	48.8	388.6	43,900				240
245	40.7	370.8		48,300	47.1	384.0	42,500	52.7	391.5	35,600*	245
250	38.8	364.7		46,800	45.4	379.1	41,100	51.2	387.5	34,200*	250
255	36.8	358.1		45,300	43.7	373.9	39,700	49.6	383.3	32,900*	255
260	34.7	351.0		43,900	41.9	368.4	38,500	47.9	378.8	31,600*	260
265	32.5	343.2		42,600	40.0	362.5	37,200*	46.3	374.0	30,400*	265
270	30.1	334.8		41,200	38.0	356.2	35,900*	44.6	369.0	29,200*	270
275	27.5	325.5		40,000	36.0	349.4	34,600*	42.8	363.7	28,100*	275
280	24.7	315.0		38,700	33.9	342.1	33,400*	40.9	358.0	27,000*	280
285	21.5	302.9		37,600	31.6	334.1	32,200*	39.0	351.9	25,900*	285
290	17.8	288.4		36,400	29.1	325.4	31,100*	37.0	345.3	24,900*	290
295	13.1	269.5		35,200	26.5	315.6	29,900*	34.9	338.3	23,900*	295
300	4.5	234.8		34,000	23.5	304.6	28,800*	32.7	330.6	22,900*	300
305					20.2	291.7	27,800*	30.4	322.3	22,000*	305
310					16.2	275.9	26,700*	27.8	313.0	21,100*	310
315					10.7	253.8	25,600*	25.0	302.7	20,200*	315
320								21.9	290.8	19,300*	320
325								18.3	276.7	18,400*	325
330								13.7	258.4	17,500*	330
335								6.1	227.8	16,600*	335



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

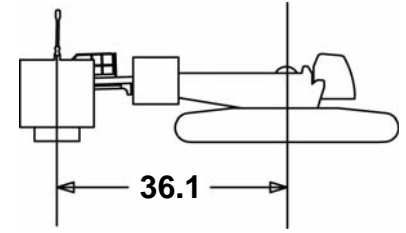
216.5 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115	69.6	465.0	69,600	79,000*									115
120	68.4	463.0	65,100	77,200*									120
125	67.1	460.9	61,000	75,300*	69.9	464.2	51,100	79,100*					125
130	65.9	458.6	57,200	73,300*	68.7	462.3	47,700	78,900*					130
135	64.7	456.3	53,700	71,300*	67.5	460.2	44,600	78,800*					135
140	63.4	453.8	50,500	69,400*	66.2	458.0	41,700	78,600*					140
145	62.2	451.1	47,500	67,300*	65.0	455.7	39,100	78,400*	67.8	458.9	30,600	75,500*	145
150	60.9	448.4	44,700	65,300*	63.8	453.2	36,600	78,200*	66.6	456.7	28,500	75,500*	150
155	59.6	445.4	42,200	63,300*	62.5	450.6	34,300	77,600*	65.3	454.4	26,500	75,500*	155
160	58.3	442.4	39,700	61,400*	61.2	447.9	32,100	75,800*	64.1	452.0	24,600	75,500*	160
165	56.9	439.1	37,500	59,400*	59.9	445.0	30,100	73,900*	62.8	449.5	22,800	75,500*	165
170	55.6	435.7	35,400	57,500*	58.6	442.0	28,200	72,000*	61.5	446.7	21,200	75,500*	170
175	54.2	432.1	33,400	55,600*	57.3	438.8	26,500	70,100*	60.3	443.9	19,600	75,500*	175
180	52.8	428.3	31,500	53,800*	55.9	435.4	24,800	68,100*	59.0	440.9	18,100	75,500*	180
185	51.4	424.4	29,700	52,000*	54.6	431.8	23,200	66,200*	57.6	437.7	16,700	75,500*	185
190	49.9	420.2	28,000	50,300*	53.2	428.1	21,700	64,300*	56.3	434.4	15,400	75,400*	190
195	48.4	415.7	26,400	48,700*	51.8	424.2	20,300	62,300*	54.9	430.9	14,200	74,300	195
200	46.9	411.1	24,900	47,100*	50.3	420.1	19,000	60,400*	53.5	427.2	13,000	71,700	200
205	45.3	406.2	23,500	45,600*	48.8	415.7	17,700	58,600*	52.1	423.4	11,900	69,200	205
210	43.7	401.0	22,100	44,100*	47.3	411.1	16,500	56,700*	50.7	419.3	10,800	66,800	210
215	42.0	395.5	20,800	42,700*	45.7	406.3	15,300	55,000*	49.2	415.0	9,800	64,500	215
220	40.3	389.7	19,600	41,400*	44.1	401.2	14,200	53,200*	47.7	410.5	8,800	62,400	220
225	38.5	383.5	18,400	40,200*	42.5	395.8	13,100	51,600*	46.1	405.7	7,900	60,300	225
230	36.7	376.8	17,200	39,000*	40.8	390.0	12,100	50,000*	44.5	400.7	7,000	58,400	230
235	34.7	369.7	16,100	37,900*	39.0	383.9	11,100	48,400*	42.9	395.3	6,200	56,500	235
240	32.7	362.0	15,100	36,900*	37.2	377.4	10,200	46,900*	41.2	389.7	5,300	54,700	240
245	30.5	353.7	14,100	35,900*	35.3	370.4	9,300	45,500*	39.5	383.7	4,500	53,000	245
250	28.2	344.6	13,100	35,000*	33.2	362.9	8,400	44,200*	37.7	377.2	3,800	51,400	250
255	25.6	334.5	12,100	34,200*	31.1	354.8	7,600	43,000*	35.8	370.4	3,100	49,800	255
260	22.9	323.1	11,200	33,600*	28.8	345.9	6,800	41,800*	33.8	363.0	2,300	48,300	260
265	19.7	309.9	10,300	33,100*	26.4	336.1	6,000	40,800*	31.7	355.1	1,700	46,800	265
270	15.9	293.7	9,400	32,700*	23.6	325.1	5,200	39,800*	29.4	346.4		45,400	270
275	10.9	271.7	8,500	32,700*	20.6	312.4	4,500	39,000*	27.0	336.8		44,000	275
280					17.0	297.2	3,700	38,300*	24.4	326.2		42,700	280
285					12.4	277.4	3,000	36,900*	21.4	314.0		41,400	285
290					4.0	240.1	2,100	30,600*	18.0	299.5		40,200	290
295									13.7	281.3		38,900	295
300									7.2	252.6		34,500*	300
305													305
310													310
315													315
320													320
325													325
330													330
335													335
340													340
345													345
350													350
355													355



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

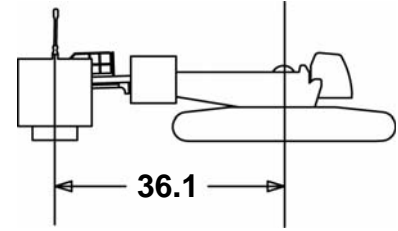
216.5 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
115											115
120											120
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170											170
175											175
180											180
185	62.4	444.3	6,100	68,800*							185
190	61.2	441.5	5,100	68,800*							190
195	59.9	438.6	4,100	66,600							195
200	58.6	435.6	3,200	64,100							200
205	57.2	432.4	2,300	61,800							205
210	55.9	429.0	1,500	59,700							210
215	54.5	425.5		57,600							215
220	53.1	421.7		55,600							220
225	51.7	417.8		53,700	56.7	425.1	47,200				225
230	50.2	413.7		51,900	55.4	421.7	45,600				230
235	48.7	409.3		50,200	54.0	418.1	44,000				235
240	47.2	404.7		48,600	52.6	414.3	42,500				240
245	45.7	399.9		47,000	51.1	410.3	41,100				245
250	44.1	394.7		45,500	49.7	406.0	39,600*				250
255	42.4	389.3		44,000	48.2	401.6	38,100*				255
260	40.7	383.5		42,600	46.6	396.9	36,700*	51.8	404.7	29,600*	260
265	38.9	377.4		41,300	45.1	391.9	35,400*	50.4	400.6	28,400*	265
270	37.1	370.9		40,000	43.4	386.7	34,100*	48.9	396.3	27,200*	270
275	35.2	363.9		38,700	41.8	381.1	32,800*	47.4	391.7	26,100*	275
280	33.1	356.4		37,500	40.0	375.3	31,600*	45.8	386.9	25,000*	280
285	31.0	348.2		36,400	38.2	369.0	30,400*	44.2	381.8	24,000*	285
290	28.7	339.3		35,200	36.4	362.3	29,300*	42.6	376.4	23,000*	290
295	26.2	329.4		34,200	34.4	355.1	28,200*	40.9	370.7	22,000*	295
300	23.5	318.4		33,100	32.3	347.3	27,100*	39.1	364.6	21,100*	300
305	20.5	305.6		32,100	30.1	338.9	26,100*	37.3	358.1	20,100*	305
310	16.8	290.3		31,000*	27.8	329.6	25,100*	35.4	351.2	19,200*	310
315	12.2	270.1		29,900*	25.2	319.3	24,100*	33.4	343.7	18,400*	315
320	3.0	229.6		28,600*	22.4	307.7	23,200*	31.2	335.6	17,500*	320
325					19.1	294.1	22,200*	29.0	326.8	16,700*	325
330					15.2	277.3	21,300*	26.5	317.1	15,900*	330
335					9.8	253.6	20,300*	23.8	306.1	15,100*	335
340								20.8	293.6	14,300*	340
345								17.3	278.6	13,600*	345
350								12.8	259.2	12,800*	350
355								5.0	225.0	11,900*	355



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

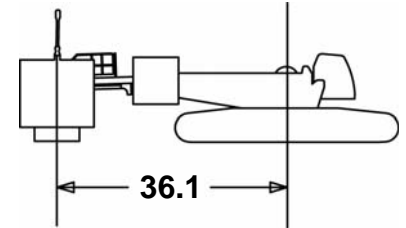
216.5 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
125	68.9	482.2	59,300	67,900*	70.3	483.4	45,800	67,000*					125
130	67.7	480.1	55,500	66,400*	69.2	481.5	42,700	66,900*					130
135	66.6	478.0	52,000	64,900*	68.0	479.5	39,800	66,700*					135
140	65.5	475.7	48,800	63,400*	66.9	477.3	37,200	66,500*					140
145	64.3	473.3	45,800	61,800*	65.8	475.1	34,700	66,200*					145
150	63.1	470.8	43,100	60,200*	64.6	472.7	32,400	66,000*	67.2	476.0	24,400	63,900*	150
155	62.0	468.1	40,500	58,600*	63.5	470.2	30,300	65,800*	66.1	473.8	22,500	63,900*	155
160	60.8	465.3	38,100	57,100*	62.3	467.6	28,300	65,500*	64.9	471.5	20,800	63,800*	160
165	59.6	462.4	35,800	55,500*	61.1	464.8	26,400	65,200*	63.8	469.0	19,100	63,700*	165
170	58.4	459.3	33,700	53,900*	59.9	462.0	24,600	64,500*	62.6	466.4	17,600	63,600*	170
175	57.1	456.1	31,700	52,300*	58.7	458.9	23,000	63,000*	61.4	463.7	16,100	63,500*	175
180	55.9	452.7	29,800	50,800*	57.4	455.7	21,400	61,500*	60.2	460.9	14,800	63,400*	180
185	54.6	449.2	28,000	49,300*	56.2	452.4	19,900	60,000*	59.0	457.9	13,500	63,300*	185
190	53.3	445.5	26,400	47,800*	54.9	448.9	18,500	58,500*	57.8	454.7	12,200	63,100*	190
195	52.0	441.6	24,800	46,300*	53.6	445.2	17,200	56,900*	56.5	451.4	11,100	63,000*	195
200	50.6	437.5	23,300	44,900*	52.3	441.4	15,900	55,400*	55.3	448.0	10,000	62,800*	200
205	49.3	433.2	21,800	43,600*	51.0	437.4	14,700	53,900*	54.0	444.3	8,900	62,700*	205
210	47.9	428.7	20,500	42,200*	49.6	433.1	13,500	52,400*	52.7	440.5	7,900	62,500*	210
215	46.4	424.0	19,200	41,000*	48.2	428.7	12,400	50,900*	51.3	436.6	6,900	60,900	215
220	45.0	419.0	17,900	39,700*	46.8	424.0	11,400	49,500*	50.0	432.4	6,000	58,800	220
225	43.5	413.8	16,700	38,600*	45.4	419.1	10,400	48,100*	48.6	428.0	5,100	56,900	225
230	41.9	408.2	15,600	37,400*	43.9	414.0	9,400	46,700*	47.2	423.4	4,300	55,000	230
235	40.3	402.4	14,500	36,400*	42.3	408.5	8,500	45,300*	45.7	418.5	3,500	53,200	235
240	38.7	396.2	13,500	35,300*	40.8	402.8	7,600	44,000*	44.3	413.5	2,700	51,500	240
245	36.9	389.6	12,500	34,400*	39.1	396.7	6,700	42,800*	42.7	408.1	2,000	49,900	245
250	35.2	382.6	11,500	33,500*	37.4	390.2	5,900	41,600*	41.2	402.4		48,300	250
255	33.3	375.1	10,600	32,600*	35.6	383.3	5,100	40,400*	39.5	396.4		46,800	255
260	31.3	367.1	9,700	31,800*	33.8	376.0	4,400	39,400*	37.9	390.0		45,400	260
265	29.2	358.3	8,800	31,100*	31.8	368.1	3,600	38,300*	36.1	383.3		44,000	265
270	27.0	348.7	8,000	30,400*	29.8	359.5	2,900	37,400*	34.3	376.0		42,600	270
275	24.5	338.1	7,200	29,800*	27.6	350.1	2,200	36,500*	32.4	368.3		41,300	275
280	21.8	326.1	6,400	29,300*	25.2	339.8	1,500	35,600*	30.3	359.9		40,100	280
285	18.7	312.2	5,600	29,000*	22.6	328.2		34,900*	28.2	350.8		38,900	285
290	15.0	295.1	4,800	28,800*	19.6	314.9		34,300*	25.8	340.7		37,700	290
295	10.1	271.6	4,000	27,100*	16.1	298.9		33,500*	23.3	329.5		36,500	295
300					11.6	277.8		29,800*	20.4	316.7		35,400	300
305					2.4	233.6		23,600*	17.1	301.5		34,300	305
310									12.9	282.1		32,400*	310
315									6.3	250.8		27,600*	315
320													320
325													325
330													330
335													335
340													340
345													345
350													350
355													355
360													360
365													365



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

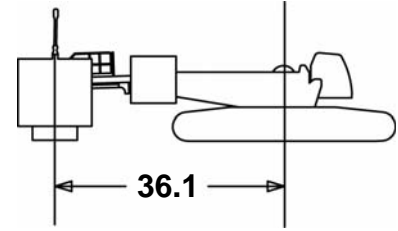
216.5 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170											170
175											175
180											180
185											185
190											190
195	62.2	461.3	1,900	58,100*							195
200	61.0	458.5		58,100*							200
205	59.8	455.6		58,100*							205
210	58.6	452.6		58,000							210
215	57.4	449.4		55,900							215
220	56.1	446.0		53,900							220
225	54.9	442.5		52,100							225
230	53.6	438.9		50,300							230
235	52.3	435.0		48,600	56.9	442.1	41,800*				235
240	50.9	431.0		46,900	55.7	438.7	40,200*				240
245	49.6	426.7		45,400	54.4	435.2	38,600*				245
250	48.2	422.3		43,900	53.1	431.4	37,200*				250
255	46.8	417.6		42,400	51.8	427.5	35,700*				255
260	45.3	412.7		41,000	50.4	423.4	34,300*				260
265	43.8	407.5		39,700	49.0	419.1	33,000*				265
270	42.3	402.1		38,400	47.6	414.5	31,700*	52.4	421.9	24,700*	270
275	40.7	396.3		37,200	46.2	409.8	30,500*	51.1	417.9	23,600*	275
280	39.0	390.2		36,000	44.7	404.7	29,300*	49.7	413.7	22,600*	280
285	37.3	383.7		34,800	43.2	399.5	28,200*	48.3	409.3	21,600*	285
290	35.6	376.8		33,700*	41.7	393.9	27,000*	46.9	404.6	20,600*	290
295	33.7	369.4		32,500*	40.1	388.0	26,000*	45.5	399.7	19,600*	295
300	31.8	361.5		31,300*	38.4	381.8	24,900*	44.0	394.6	18,700*	300
305	29.7	352.9		30,200*	36.7	375.1	23,900*	42.4	389.2	17,800*	305
310	27.5	343.5		29,100*	34.9	368.0	22,900*	40.9	383.4	16,900*	310
315	25.1	333.1		28,000*	33.0	360.5	22,000*	39.2	377.4	16,100*	315
320	22.5	321.5		27,000*	31.0	352.3	21,000*	37.5	370.9	15,200*	320
325	19.5	308.1		26,000*	28.9	343.4	20,100*	35.8	364.1	14,400*	325
330	16.0	291.9		25,000*	26.6	333.6	19,300*	33.9	356.7	13,700*	330
335	11.4	270.5		23,900*	24.1	322.8	18,400*	32.0	348.9	12,900*	335
340					21.4	310.6	17,600*	29.9	340.4	12,200*	340
345					18.2	296.2	16,700*	27.7	331.1	11,400*	345
350					14.4	278.5	15,900*	25.4	320.8	10,700*	350
355					9.0	253.1	15,000*	22.8	309.3	10,000*	355
360								19.8	296.1	9,300*	360
365								16.4	280.3	8,600*	365



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



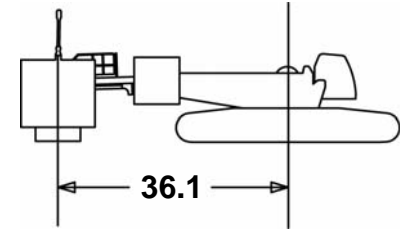
16000 MAX-ER

236.2 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
50	73.0	320.3	233,600	269,900*d									50
55	69.2	318.4	206,900	259,500*c									55
60	65.2	316.1	185,300	246,800*b									60
65	61.0	313.3	167,400	233,700*b									65
70	56.7	310.1	152,400	220,700*b	67.1	315.9	135,000	268,800*c					70
75	52.1	306.2	139,600	208,100*b	63.0	313.3	123,600	257,300*b					75
80	47.2	301.7	128,500	196,300*	58.7	310.3	113,700	244,800*b					80
85	41.8	296.2	118,800	185,400*	54.3	306.8	105,100	232,300*b	64.9	312.6	91,200	234,200b	85
90	35.7	289.6	110,200	175,900*	49.5	302.6	97,500	219,900*	60.7	309.8	84,600	218,200b	90
95	28.5	281.0	102,500	168,200*	44.4	297.6	90,700	208,000*	56.4	306.5	78,600	204,100b	95
100	18.6	268.4	95,400	163,100*	38.7	291.6	84,700	197,100*	51.8	302.6	73,300	191,700b	100
105					32.1	284.0	79,100	187,400*	46.8	298.0	68,500	180,500	105
110					23.8	273.8	74,000	178,200	41.4	292.5	64,100	170,400	110
115					9.6	255.0	68,900	165,700*	35.3	285.7	60,100	161,300	115
120									27.9	277.0	56,300	153,000	120
125									17.8	263.9	52,700	145,200	125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

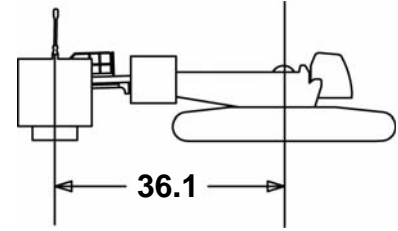
236.2 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110	60.9	305.1	47,100	157,200 b									110
115	56.5	301.9	44,000	148,800 b									115
120	51.9	298.0	41,200	141,200 b									120
125	47.0	293.5	38,600	134,200									125
130	41.6	288.0	36,100	127,800									130
135	35.5	281.3	33,800	121,900	56.3	295.2	20,500	111,700 b					135
140	28.3	272.6	31,600	116,400	51.7	291.3	19,000	106,700 b					140
145	18.3	259.8	29,400	111,200	46.7	286.7	17,600	102,100					145
150					41.3	281.1	16,200	97,800					150
155					35.1	274.3	14,900	93,800					155
160					27.8	265.5	13,600	89,900	50.8	282.3	3,000	81,800 b	160
165					17.5	252.3	12,200	86,300	45.7	277.5	2,200	78,600	165
170									40.2	271.8	1,500	75,600	170
175									33.9	264.7		72,700	175
180									26.1	255.3		69,900	180
185									14.7	240.4		67,200	185



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



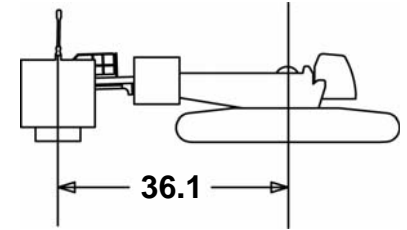
16000 MAX-ER

236.2 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
55	73.5	339.4	206,600	232,200*c									55
60	70.4	337.6	184,900	223,100*c									60
65	67.3	335.5	167,000	213,100*b									65
70	64.0	333.1	152,000	202,900*b									70
75	60.7	330.3	139,200	192,400*b	68.8	335.2	122,600	232,500*b					75
80	57.2	327.1	128,200	182,100*	65.6	332.9	112,800	224,500*b					80
85	53.6	323.4	118,600	172,200*	62.3	330.3	104,300	214,900*b					85
90	49.9	319.3	110,100	162,800*	58.9	327.3	96,700	205,000*	67.0	332.0	83,300	217,000b	90
95	45.8	314.5	102,600	154,000*	55.4	323.9	90,000	195,000*	63.8	329.5	77,400	203,000b	95
100	41.5	309.0	95,800	146,000*	51.7	320.0	84,100	185,000*	60.5	326.7	72,200	190,600b	100
105	36.7	302.5	89,800	138,900*	47.8	315.5	78,700	175,500*	57.0	323.5	67,500	179,500	105
110	31.3	294.6	84,200	132,700*	43.6	310.4	73,800	166,500*	53.4	319.8	63,200	169,600	110
115	24.8	284.6	79,100	127,800*	39.1	304.4	69,300	158,100*	49.6	315.6	59,300	160,600	115
120	15.7	269.9	74,300	125,000*	34.0	297.2	65,200	150,500*	45.5	310.8	55,700	152,400	120
125					28.1	288.4	61,400	144,000*	41.2	305.2	52,500	144,900	125
130					20.6	276.5	57,800	138,800*	36.4	298.7	49,400	138,000	130
135					6.6	253.2	54,100	135,200*	30.9	290.7	46,500	131,700	135
140									24.3	280.5	43,800	125,800	140
145									14.9	265.2	41,100	120,200	145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

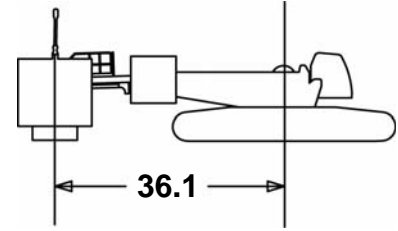
236.2 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55												55
60												60
65												65
70												70
75												75
80												80
85												85
90												90
95												95
100												100
105												105
110												110
115												115
120	60.6	322.1	39,700	140,000 ^b								120
125	57.1	318.9	37,200	133,100								125
130	53.5	315.2	34,900	126,800								130
135	49.7	311.1	32,700	121,000								135
140	45.7	306.3	30,700	115,600								140
145	41.4	300.7	28,800	110,600	56.9	312.2	16,000	100,800				145
150	36.6	294.2	27,000	106,000	53.3	308.5	14,800	96,600				150
155	31.1	286.3	25,300	101,700	49.5	304.3	13,600	92,700				155
160	24.6	276.2	23,600	97,600	45.5	299.5	12,400	89,000				160
165	15.4	261.2	21,900	93,600	41.1	293.9	11,400	85,500				165
170					36.3	287.3	10,300	82,200	52.6	299.6	74,300	170
175					30.8	279.3	9,300	79,200	48.8	295.3	71,500	175
180					24.1	269.0	8,300	76,200	44.7	290.3	68,900	180
185					14.6	253.5	7,200	73,300	40.2	284.5	66,400	185
190									35.3	277.7	64,000	190
195									29.6	269.4	61,800	195
200									22.7	258.5	59,600	200
205									12.0	240.8	57,400	205



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



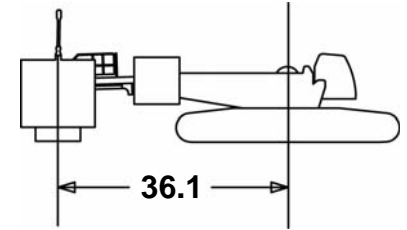
16000 MAX-ER

236.2 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	71.2	356.7	165,900	192,900*b									65
70	68.6	354.8	150,900	185,200*b									70
75	66.0	352.5	138,100	177,200*b									75
80	63.3	350.0	127,000	168,900*	69.9	354.4	111,100	200,500*b					80
85	60.5	347.2	117,400	160,600*	67.2	352.3	102,600	196,500*b					85
90	57.6	344.1	109,000	152,500*	64.6	349.9	95,100	189,200*					90
95	54.7	340.6	101,500	144,700*	61.8	347.2	88,500	181,600*					95
100	51.6	336.6	94,800	137,200*	59.0	344.3	82,500	173,600*	65.8	349.0	70,200	188,900b	100
105	48.3	332.2	88,800	130,200*	56.1	340.9	77,200	165,600*	63.1	346.5	65,500	177,900	105
110	44.9	327.3	83,400	123,600*	53.1	337.2	72,400	157,700*	60.3	343.7	61,300	168,000	110
115	41.3	321.7	78,400	117,600*	49.9	333.0	68,000	150,100*	57.4	340.5	57,500	159,000	115
120	37.4	315.4	73,900	112,200*	46.6	328.4	64,000	142,700*	54.5	337.0	54,000	150,900	120
125	33.0	307.9	69,700	107,300*	43.1	323.1	60,300	135,800*	51.4	333.0	50,800	143,500	125
130	28.1	299.0	65,900	103,200*	39.3	317.1	56,900	129,300*	48.1	328.6	47,800	136,700	130
135	22.1	287.7	62,200	100,100*	35.1	310.2	53,800	123,400*	44.7	323.6	45,100	130,400	135
140	13.5	270.8	58,700	98,600*	30.5	302.1	50,800	118,100*	41.0	318.0	42,500	124,700	140
145					25.1	292.1	48,000	113,500*	37.1	311.5	40,100	119,300	145
150					18.1	278.6	45,300	110,100*	32.7	304.0	37,900	114,300	150
155					3.3	248.6	42,400	106,200*	27.7	295.0	35,800	109,600	155
160									21.6	283.4	33,700	105,200	160
165									12.7	265.9	31,600	101,000	165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
225													225

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

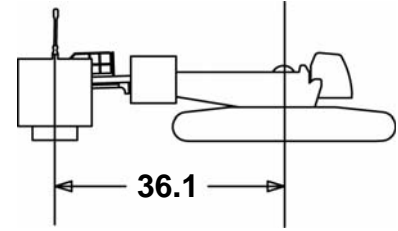
236.2 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65												65
70												70
75												75
80												80
85												85
90												90
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130	60.4	339.0	32,700	125,000								130
135	57.5	335.9	30,600	119,200								135
140	54.6	332.4	28,600	113,900								140
145	51.5	328.4	26,800	109,000								145
150	48.2	324.0	25,100	104,500								150
155	44.8	319.1	23,500	100,200	57.4	329.2	11,200	90,800				155
160	41.2	313.5	22,000	96,200	54.4	325.6	10,200	87,100				160
165	37.2	307.1	20,600	92,500	51.3	321.7	9,200	83,700				165
170	32.9	299.6	19,200	89,000	48.0	317.2	8,200	80,500				170
175	27.9	290.6	17,900	85,600	44.6	312.3	7,300	77,500				175
180	21.9	279.2	16,600	82,500	41.0	306.6	6,400	74,700				180
185	13.2	262.0	15,200	79,400	37.0	300.2	5,600	72,000	50.7	312.7	64,500	185
190					32.6	292.6	4,800	69,500	47.4	308.2	62,200	190
195					27.6	283.5	4,000	67,000	44.0	303.1	60,000	195
200					21.4	271.9	3,200	64,700	40.2	297.3	58,000	200
205					12.5	254.1	2,300	62,400	36.2	290.7	56,000	205
210									31.7	282.9	54,100	210
215									26.5	273.4	52,300	215
220									20.1	261.1	50,500	220
225									9.8	240.5	48,700	225



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



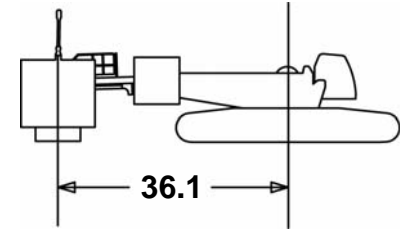
16000 MAX-ER

236.2 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	71.8	375.8	150,000	167,900*b									70
75	69.6	374.0	137,200	161,900*b									75
80	67.4	371.9	126,100	155,600*									80
85	65.1	369.6	116,500	149,000*	70.7	373.5	101,300	173,700*b					85
90	62.7	367.0	108,000	142,400*	68.4	371.6	93,800	172,600*					90
95	60.3	364.2	100,500	135,800*	66.2	369.4	87,200	167,200*					95
100	57.9	361.1	93,900	129,400*	63.8	366.9	81,300	161,200*					100
105	55.4	357.6	87,900	123,200*	61.5	364.2	76,000	155,100*	67.2	368.4	64,000	170,700*	105
110	52.8	353.9	82,500	117,200*	59.1	361.2	71,200	148,700*	64.9	366.1	59,800	166,700	110
115	50.1	349.7	77,600	111,500*	56.6	358.0	66,800	142,300*	62.6	363.5	56,000	157,800	115
120	47.3	345.1	73,100	106,200*	54.0	354.3	62,800	136,000*	60.2	360.6	52,600	149,700	120
125	44.3	340.1	69,000	101,200*	51.4	350.4	59,200	129,800*	57.7	357.5	49,400	142,300	125
130	41.2	334.5	65,200	96,600*	48.6	346.0	55,800	123,800*	55.2	354.0	46,500	135,500	130
135	37.8	328.2	61,700	92,400*	45.7	341.2	52,700	118,100*	52.6	350.2	43,800	129,300	135
140	34.2	321.0	58,400	88,600*	42.7	335.9	49,900	112,700*	49.9	346.1	41,300	123,600	140
145	30.2	312.7	55,400	85,300*	39.4	329.9	47,200	107,600*	47.1	341.5	38,900	118,300	145
150	25.5	302.8	52,500	82,500*	36.0	323.2	44,700	102,900*	44.1	336.4	36,800	113,300	150
155	19.9	290.2	49,700	80,400*	32.1	315.5	42,300	98,600*	40.9	330.7	34,700	108,700	155
160	11.7	271.2	47,000	79,700*	27.8	306.4	40,100	94,800*	37.6	324.4	32,800	104,400	160
165					22.8	295.3	37,900	91,500*	33.9	317.1	31,000	100,400	165
170					16.2	280.3	35,900	89,300*	29.9	308.8	29,200	96,600	170
175									25.2	298.7	27,600	93,000	175
180									19.5	285.9	26,000	89,600	180
185									11.0	266.0	24,300	86,300	185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

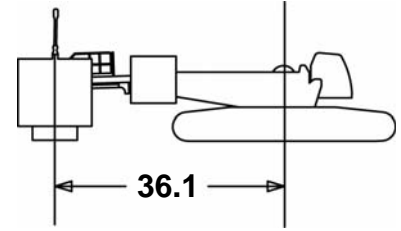
236.2 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70												70
75												75
80												80
85												85
90												90
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135	62.7	358.8	28,900	117,800								135
140	60.3	356.0	27,000	112,500								140
145	57.8	352.9	25,200	107,700								145
150	55.3	349.4	23,500	103,100								150
155	52.7	345.6	22,000	98,900								155
160	50.0	341.5	20,500	95,000								160
165	47.2	336.9	19,100	91,300	57.7	346.2	7,400	82,300				165
170	44.2	331.9	17,800	87,800	55.1	342.7	6,500	79,100				170
175	41.1	326.2	16,600	84,600	52.5	338.9	5,600	76,200				175
180	37.7	319.9	15,400	81,500	49.8	334.7	4,800	73,400				180
185	34.1	312.7	14,300	78,600	47.0	330.1	4,000	70,700				185
190	30.0	304.4	13,200	75,800	44.0	325.0	3,300	68,200				190
195	25.4	294.4	12,200	73,200	40.9	319.4	2,600	65,900	52.0	330.0	58,600	195
200	19.7	281.7	11,100	70,700	37.5	313.0	1,900	63,600	49.3	325.7	56,600	200
205	11.4	262.3	10,000	68,200	33.8	305.7		61,500	46.4	321.0	54,600	205
210					29.8	297.3		59,400	43.4	315.8	52,800	210
215					25.1	287.2		57,400	40.3	310.0	51,000	215
220					19.3	274.3		55,500	36.8	303.5	49,300	220
225					10.7	254.1		53,600	33.1	296.1	47,700	225
230									29.0	287.4	46,200	230
235									24.1	276.9	44,700	235
240									18.0	263.2	43,200	240
245									8.0	239.5	41,600	245



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



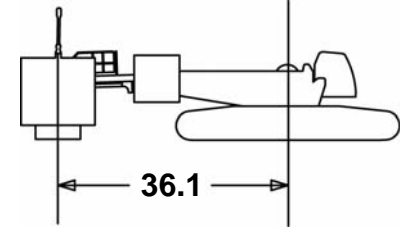
16000 MAX-ER

236.2 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	70.3	393.1	124,700	141,800*									80
85	68.4	391.2	115,100	136,900*									85
90	66.4	389.0	106,600	131,700*									90
95	64.4	386.6	99,100	126,500*	69.3	390.8	85,400	150,400*					95
100	62.3	384.0	92,400	121,200*	67.3	388.7	79,500	147,600*					100
105	60.2	381.1	86,500	115,900*	65.3	386.4	74,200	143,100*					105
110	58.1	378.0	81,100	110,800*	63.3	383.9	69,400	138,300*					110
115	55.9	374.7	76,200	105,800*	61.2	381.2	65,100	133,400*	66.3	385.5	54,000	147,400*	115
120	53.6	371.0	71,700	101,000*	59.1	378.2	61,100	128,300*	64.2	383.1	50,600	147,400*	120
125	51.3	367.0	67,600	96,400*	56.9	375.0	57,500	123,200*	62.2	380.5	47,400	140,700	125
130	48.9	362.7	63,800	92,100*	54.7	371.4	54,200	118,100*	60.1	377.6	44,500	133,900	130
135	46.4	358.0	60,400	88,000*	52.4	367.6	51,100	113,000*	57.9	374.5	41,900	127,700	135
140	43.8	352.9	57,200	84,100*	50.1	363.5	48,300	108,200*	55.7	371.1	39,400	122,000	140
145	41.1	347.2	54,200	80,600*	47.6	359.0	45,600	103,500*	53.5	367.4	37,100	116,700	145
150	38.2	341.0	51,400	77,300*	45.1	354.0	43,200	99,000*	51.2	363.4	34,900	111,800	150
155	35.0	334.0	48,800	74,300*	42.4	348.6	40,900	94,700*	48.8	359.1	32,900	107,300	155
160	31.6	326.1	46,300	71,600*	39.6	342.7	38,700	90,700*	46.2	354.3	31,100	103,000	160
165	27.9	317.0	44,000	69,200*	36.5	336.0	36,700	87,000*	43.6	349.1	29,300	99,000	165
170	23.5	306.2	41,700	67,300*	33.3	328.6	34,700	83,500*	40.9	343.5	27,600	95,300	170
175	18.2	292.4	39,600	65,800*	29.7	320.2	32,900	80,400*	37.9	337.2	26,000	91,700	175
180	10.2	271.1	37,400	65,700*	25.7	310.2	31,200	77,700*	34.8	330.1	24,600	88,400	180
185					20.9	298.1	29,500	75,300*	31.4	322.2	23,100	85,300	185
190					14.6	281.5	27,800	73,800*	27.6	313.0	21,700	82,300	190
195									23.2	302.0	20,400	79,500	195
200									17.7	287.9	19,100	76,700	200
205									9.4	265.6	17,700	74,100	205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
255													255
260													260
265													265

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

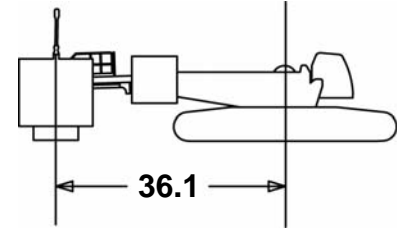
236.2 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80												80
85												85
90												90
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145	62.3	375.8	22,900	105,800								145
150	60.2	373.0	21,300	101,300								150
155	58.0	369.9	19,800	97,200								155
160	55.8	366.5	18,400	93,300								160
165	53.6	362.8	17,000	89,600								165
170	51.3	358.8	15,800	86,200								170
175	48.8	354.5	14,600	83,000	57.9	363.2	3,200	74,300				175
180	46.3	349.8	13,500	79,900	55.7	359.8	2,500	71,500				180
185	43.7	344.6	12,400	77,100	53.4	356.1	1,700	68,900				185
190	41.0	339.0	11,400	74,300	51.1	352.1		66,400				190
195	38.1	332.7	10,400	71,800	48.7	347.7		64,100				195
200	34.9	325.7	9,500	69,300	46.2	343.0		61,900				200
205	31.5	317.8	8,600	67,000	43.6	337.8		59,800				205
210	27.7	308.6	7,700	64,800	40.8	332.1		57,800	50.7	343.1	50,900	210
215	23.4	297.7	6,800	62,700	37.9	325.8		55,900	48.2	338.7	49,200	215
220	18.0	283.8	6,000	60,600	34.7	318.8		54,000	45.7	333.9	47,500	220
225	9.9	262.1	5,000	58,500	31.3	310.8		52,300	43.1	328.6	45,900	225
230					27.5	301.6		50,600	40.3	322.8	44,400	230
235					23.1	290.5		49,000	37.3	316.4	43,000	235
240					17.6	276.3		47,400	34.1	309.2	41,600	240
245					9.2	253.6		45,800	30.6	301.0	40,300	245
250									26.7	291.5	38,900*	250
255									22.2	280.0	37,500*	255
260									16.4	264.9	36,100*	260
265									6.3	237.6	34,700*	265



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



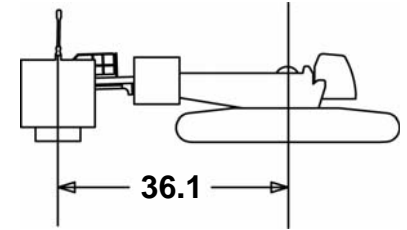
16000 MAX-ER

236.2 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	69.2	410.4	105,500	120,900*									90
95	67.4	408.3	98,000	116,900*									95
100	65.6	406.0	91,300	112,800*	70.0	410.0	78,000	130,000*					100
105	63.8	403.6	85,300	108,500*	68.2	408.0	72,800	130,000*					105
110	62.0	400.9	79,900	104,300*	66.5	405.8	68,000	127,200*					110
115	60.1	398.1	75,000	100,100*	64.7	403.4	63,700	123,600*					115
120	58.2	395.0	70,500	96,000*	62.9	400.9	59,700	119,700*	67.3	404.8	48,900	126,500*	120
125	56.3	391.7	66,400	92,000*	61.0	398.1	56,100	115,800*	65.5	402.5	45,800	126,500*	125
130	54.3	388.1	62,700	88,100*	59.2	395.1	52,800	111,700*	63.7	400.1	42,900	126,500*	130
135	52.3	384.3	59,200	84,400*	57.2	391.9	49,700	107,600*	61.9	397.4	40,300	126,400	135
140	50.2	380.1	56,000	80,800*	55.3	388.5	46,900	103,500*	60.0	394.5	37,800	120,700	140
145	48.0	375.7	53,000	77,400*	53.3	384.8	44,300	99,400*	58.1	391.4	35,500	115,500	145
150	45.8	370.9	50,200	74,200*	51.2	380.8	41,800	95,500*	56.2	388.1	33,400	110,600	150
155	43.4	365.6	47,700	71,200*	49.1	376.5	39,600	91,600*	54.2	384.5	31,400	106,000	155
160	41.0	360.0	45,200	68,300*	46.8	371.8	37,400	87,900*	52.1	380.7	29,600	101,800	160
165	38.4	353.7	43,000	65,700*	44.6	366.8	35,400	84,300*	50.0	376.5	27,800	97,800	165
170	35.7	346.9	40,800	63,300*	42.2	361.4	33,500	80,900*	47.9	372.0	26,200	94,100	170
175	32.7	339.3	38,800	61,100*	39.6	355.4	31,700	77,700*	45.6	367.2	24,700	90,600	175
180	29.5	330.8	36,800	59,100*	37.0	348.9	30,000	74,700*	43.3	361.9	23,200	87,300	180
185	25.9	320.9	35,000	57,400*	34.2	341.7	28,400	71,900*	40.8	356.2	21,800	84,200	185
190	21.8	309.1	33,200	56,100*	31.1	333.6	26,900	69,300*	38.2	350.0	20,500	81,200	190
195	16.7	294.1	31,500	55,100*	27.7	324.4	25,400	67,000*	35.5	343.1	19,200	78,500	195
200	8.9	270.5	29,700	55,100*	23.9	313.7	24,000	64,900*	32.5	335.4	18,000	75,800	200
205					19.3	300.5	22,700	63,300*	29.3	326.8	16,900	73,300	205
210					13.2	282.4	21,300	62,200*	25.7	316.8	15,800	70,900	210
215									21.5	304.9	14,700	68,600	215
220									16.3	289.6	13,600	66,300	220
225									8.1	264.6	12,400	64,100	225
230													230
235													235
240													240
245													245
250													250
255													255
260													260
265													265
270													270
275													275
280													280
285													285

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

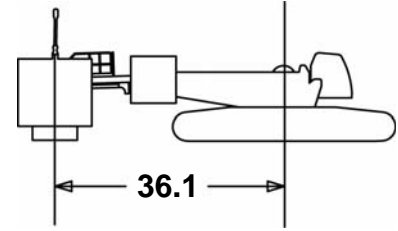
236.2 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90											90
95											95
100											100
105											105
110											110
115											115
120											120
125											125
130											130
135											135
140											140
145											145
150											150
155	62.0	392.8	18,000	95,700							155
160	60.1	389.9	16,600	91,800							160
165	58.2	386.8	15,300	88,200							165
170	56.2	383.5	14,100	84,800							170
175	54.3	379.9	12,900	81,600							175
180	52.2	376.1	11,800	78,600							180
185	50.1	371.9	10,800	75,700							185
190	47.9	367.5	9,800	73,100	56.1	376.8	65,000				190
195	45.7	362.6	8,900	70,500	54.1	373.2	62,700				195
200	43.4	357.4	8,000	68,100	52.1	369.3	60,500				200
205	40.9	351.7	7,100	65,800	50.0	365.2	58,400				205
210	38.3	345.5	6,300	63,600	47.8	360.7	56,400				210
215	35.6	338.6	5,500	61,500	45.6	355.8	54,500				215
220	32.6	331.0	4,700	59,600	43.2	350.6	52,700	51.7	360.4	46,000	220
225	29.4	322.4	4,000	57,700	40.8	344.9	51,000	49.6	356.2	44,400*	225
230	25.8	312.5	3,200	55,800	38.2	338.6	49,400	47.4	351.6	42,900*	230
235	21.7	300.7	2,500	54,100	35.4	331.7	47,800	45.1	346.7	41,300*	235
240	16.5	285.5	1,800	52,300	32.5	324.0	46,300	42.8	341.4	39,900*	240
245	8.5	261.4		50,600	29.2	315.4	44,800	40.3	335.5	38,500*	245
250					25.6	305.4	43,400	37.7	329.2	37,100*	250
255					21.4	293.4	42,000	34.9	322.1	35,800*	255
260					16.2	278.0	40,700	31.9	314.3	34,600*	260
265					7.8	252.6	39,300	28.6	305.4	33,300*	265
270								24.9	295.1	32,100*	270
275								20.5	282.7	30,900*	275
280								15.0	266.2	29,800*	280
285								4.5	234.2	28,500*	285



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



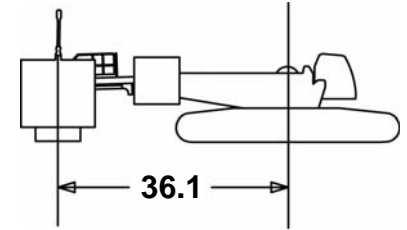
16000 MAX-ER

236.2 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100	68.2	427.6	89,700	103,600*									100
105	66.6	425.4	83,700	100,300*	70.5	429.1	70,900	112,600*					105
110	65.0	423.1	78,300	97,000*	69.0	427.2	66,100	112,600*					110
115	63.4	420.6	73,400	93,600*	67.4	425.1	61,800	112,600*					115
120	61.8	417.9	69,000	90,200*	65.8	422.9	57,900	110,000*					120
125	60.1	415.0	64,900	86,800*	64.2	420.4	54,300	107,100*					125
130	58.4	412.0	61,100	83,400*	62.5	417.9	51,000	104,000*	66.5	421.9	40,900	109,200*	130
135	56.6	408.7	57,700	80,200*	60.9	415.1	48,000	100,800*	64.9	419.6	38,300	109,200*	135
140	54.9	405.2	54,500	77,000*	59.2	412.1	45,100	97,500*	63.3	417.1	35,800	109,200*	140
145	53.0	401.4	51,500	74,000*	57.5	408.9	42,500	94,200*	61.6	414.4	33,600	109,200*	145
150	51.2	397.5	48,800	71,000*	55.7	405.5	40,100	90,900*	60.0	411.5	31,500	109,000	150
155	49.3	393.2	46,200	68,200*	53.9	401.9	37,800	87,600*	58.3	408.4	29,500	104,400	155
160	47.3	388.6	43,800	65,600*	52.1	398.0	35,700	84,400*	56.5	405.1	27,700	100,200	160
165	45.2	383.7	41,500	63,000*	50.2	393.9	33,700	81,200*	54.7	401.6	25,900	96,300	165
170	43.1	378.4	39,400	60,600*	48.2	389.5	31,900	78,100*	52.9	397.8	24,300	92,600	170
175	40.9	372.7	37,400	58,400*	46.2	384.7	30,100	75,200*	51.0	393.8	22,800	89,100	175
180	38.6	366.5	35,500	56,300*	44.1	379.6	28,400	72,300*	49.1	389.5	21,400	85,800	180
185	36.2	359.8	33,700	54,400*	42.0	374.1	26,900	69,600*	47.1	384.9	20,000	82,700	185
190	33.6	352.4	32,000	52,600*	39.7	368.2	25,400	67,000*	45.1	380.0	18,700	79,800	190
195	30.8	344.2	30,400	50,900*	37.3	361.7	23,900	64,600*	43.0	374.7	17,500	77,000	195
200	27.7	335.0	28,800	49,500*	34.8	354.7	22,600	62,300*	40.8	369.0	16,300	74,400	200
205	24.3	324.5	27,300	48,300*	32.1	346.9	21,300	60,200*	38.4	362.7	15,200	71,900	205
210	20.4	311.8	25,900	47,300*	29.2	338.2	20,000	58,200*	36.0	356.0	14,100	69,600	210
215	15.4	295.6	24,400	46,700*	26.0	328.3	18,800	56,400*	33.4	348.5	13,100	67,300	215
220	7.7	269.4	23,000	46,700*	22.3	316.8	17,700	54,900*	30.6	340.3	12,100	65,100	220
225					18.0	302.6	16,500	53,700*	27.5	331.0	11,200	63,100	225
230					12.0	282.9	15,400	53,100*	24.1	320.3	10,200	61,100	230
235									20.1	307.5	9,300	59,200	235
240									15.0	291.0	8,400	57,300	240
245									6.8	263.0	7,400	55,400	245
250													250
255													255
260													260
265													265
270													270
275													275
280													280
285													285
290													290
295													295
300													300
305													305

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

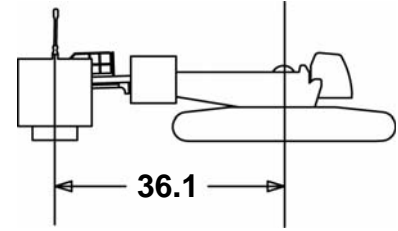
236.2 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Point Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Point Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Point Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100											100
105											105
110											110
115											115
120											120
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165	61.7	409.7	13,100	86,400							165
170	60.0	406.9	11,900	83,000							170
175	58.3	403.8	10,700	79,800							175
180	56.6	400.5	9,700	76,900							180
185	54.8	397.0	8,700	74,000							185
190	53.0	393.2	7,700	71,400							190
195	51.1	389.2	6,800	68,800							195
200	49.2	385.0	5,900	66,500	56.5	393.8	58,600				200
205	47.2	380.4	5,100	64,200	54.7	390.3	56,600				205
210	45.2	375.4	4,300	62,000	52.9	386.5	54,600				210
215	43.1	370.1	3,500	60,000	51.0	382.5	52,700				215
220	40.9	364.4	2,800	58,000	49.1	378.2	51,000				220
225	38.5	358.2	2,100	56,100	47.1	373.6	49,300				225
230	36.1	351.5		54,400	45.1	368.6	47,700	52.5	377.6	40,300*	230
235	33.5	344.1		52,600	42.9	363.3	46,100	50.6	373.5	38,800*	235
240	30.7	335.9		51,000	40.7	357.6	44,600	48.7	369.2	37,400*	240
245	27.6	326.7		49,400	38.4	351.4	43,200	46.7	364.5	36,000*	245
250	24.2	316.0		47,900	35.9	344.6	41,800	44.7	359.5	34,700*	250
255	20.2	303.3		46,400	33.3	337.2	40,500	42.5	354.1	33,400*	255
260	15.3	287.0		44,900	30.5	328.9	39,200	40.3	348.3	32,200*	260
265	7.3	260.0		43,400	27.4	319.6	38,000	37.9	342.0	31,000*	265
270					24.0	308.8	36,800	35.5	335.1	29,900*	270
275					20.0	296.0	35,600	32.8	327.5	28,800*	275
280					14.9	279.3	34,400*	30.0	319.1	27,700*	280
285					6.5	250.8	33,000*	26.8	309.5	26,600*	285
290								23.3	298.4	25,600*	290
295								19.1	285.0	24,600*	295
300								13.7	267.2	23,500*	300
305								1.9	227.0	22,300*	305



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



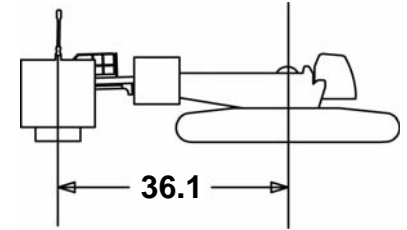
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236.2 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	68.9	446.8	82,100	91,800*									105
110	67.4	444.7	76,700	89,200*	71.0	448.2	64,300	97,500*					110
115	66.0	442.5	71,800	86,500*	69.6	446.4	60,000	97,500*					115
120	64.5	440.1	67,300	83,800*	68.1	444.4	56,000	97,500*					120
125	63.1	437.6	63,200	81,000*	66.7	442.2	52,400	97,400*					125
130	61.5	434.9	59,400	78,300*	65.2	439.9	49,100	95,500*					130
135	60.0	432.0	56,000	75,600*	63.8	437.4	46,100	93,100*	67.4	441.2	36,200	94,000*	135
140	58.5	428.9	52,800	72,900*	62.3	434.8	43,300	90,600*	65.9	439.0	33,800	94,000*	140
145	56.9	425.7	49,800	70,300*	60.8	432.0	40,700	88,000*	64.4	436.6	31,600	94,000*	145
150	55.3	422.2	47,100	67,700*	59.2	429.1	38,300	85,400*	63.0	434.0	29,500	94,000*	150
155	53.6	418.6	44,500	65,200*	57.6	425.9	36,000	82,800*	61.4	431.3	27,500	94,000*	155
160	52.0	414.7	42,100	62,800*	56.1	422.5	33,900	80,100*	59.9	428.4	25,700	94,000*	160
165	50.3	410.5	39,800	60,500*	54.4	419.0	31,900	77,500*	58.4	425.4	24,000	94,000*	165
170	48.5	406.2	37,700	58,300*	52.8	415.2	30,000	74,800*	56.8	422.1	22,400	91,000	170
175	46.7	401.5	35,700	56,100*	51.1	411.2	28,300	72,200*	55.2	418.6	20,900	87,500	175
180	44.8	396.5	33,800	54,100*	49.3	406.9	26,600	69,700*	53.5	415.0	19,400	84,200	180
185	42.9	391.2	32,100	52,200*	47.5	402.4	25,100	67,300*	51.9	411.1	18,100	81,200	185
190	40.9	385.5	30,400	50,400*	45.7	397.5	23,600	64,900*	50.1	406.9	16,800	78,300	190
195	38.8	379.3	28,800	48,700*	43.8	392.4	22,200	62,600*	48.4	402.5	15,600	75,500	195
200	36.6	372.7	27,300	47,200*	41.8	386.9	20,900	60,400*	46.6	397.8	14,400	72,900	200
205	34.3	365.5	25,800	45,700*	39.8	380.9	19,600	58,400*	44.7	392.8	13,300	70,400	205
210	31.8	357.5	24,400	44,400*	37.6	374.5	18,400	56,400*	42.7	387.4	12,300	68,100	210
215	29.1	348.8	23,100	43,200*	35.4	367.6	17,200	54,500*	40.7	381.7	11,300	65,800	215
220	26.2	339.0	21,800	42,100*	33.0	360.0	16,100	52,800*	38.6	375.5	10,300	63,700	220
225	22.9	327.7	20,600	41,200*	30.4	351.7	15,000	51,200*	36.4	368.9	9,400	61,600	225
230	19.1	314.2	19,400	40,500*	27.6	342.5	14,000	49,700*	34.1	361.6	8,500	59,700	230
235	14.3	296.8	18,200	40,200*	24.5	331.9	13,000	48,300*	31.6	353.6	7,700	57,800	235
240	6.5	267.6	16,900	40,200*	21.0	319.6	12,000	47,200*	28.9	344.8	6,900	56,000	240
245					16.8	304.4	11,000	46,400*	26.0	334.9	6,000	54,300	245
250					11.0	283.1	10,000	45,900*	22.7	323.5	5,300	52,600	250
255									18.8	309.8	4,500	51,000	255
260									13.9	292.0	3,700	49,500	260
265									5.5	260.6	2,800	47,300*	265
270													270
275													275
280													280
285													285
290													290
295													295
300													300
305													305
310													310
315													315
320													320

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



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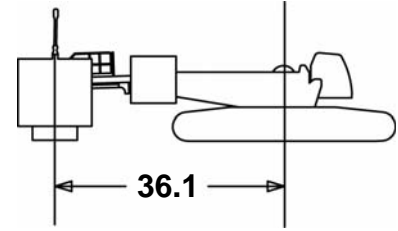
236.2 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105											105
110											110
115											115
120											120
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170											170
175	61.5	426.7	8,600	78,100							175
180	60.0	423.8	7,500	75,100							180
185	58.4	420.7	6,500	72,300							185
190	56.8	417.5	5,600	69,700							190
195	55.2	414.0	4,700	67,200							195
200	53.6	410.4	3,800	64,800							200
205	51.9	406.5	3,000	62,500							205
210	50.2	402.3	2,200	60,400	56.8	410.8	52,800				210
215	48.4	397.9	1,500	58,300	55.1	407.4	51,000				215
220	46.6	393.2		56,400	53.5	403.7	49,200				220
225	44.8	388.2		54,500	51.8	399.8	47,500				225
230	42.8	382.9		52,800	50.1	395.6	45,900				230
235	40.8	377.2		51,100	48.3	391.2	44,400				235
240	38.7	371.0		49,400	46.5	386.5	42,900				240
245	36.5	364.4		47,900	44.6	381.5	41,500	51.5	390.8	33,600*	245
250	34.2	357.1		46,400	42.7	376.1	40,200	49.8	386.6	32,300*	250
255	31.7	349.2		44,900	40.7	370.3	38,800*	48.0	382.1	31,000*	255
260	29.0	340.5		43,500	38.6	364.2	37,500*	46.2	377.4	29,800*	260
265	26.1	330.6		42,200	36.4	357.5	36,100*	44.3	372.3	28,700*	265
270	22.8	319.2		40,900	34.0	350.2	34,900*	42.3	366.9	27,500*	270
275	19.0	305.7		39,600	31.5	342.2	33,600*	40.3	361.0	26,500*	275
280	14.2	288.1		38,400	28.9	333.4	32,400*	38.2	354.8	25,400*	280
285	6.1	258.0		37,100	25.9	323.5	31,300*	35.9	348.0	24,400*	285
290					22.6	312.0	30,100*	33.6	340.6	23,400*	290
295					18.7	298.3	29,000*	31.1	332.5	22,500*	295
300					13.8	280.4	27,900*	28.3	323.5	21,500*	300
305					5.2	248.1	26,700*	25.3	313.3	20,600*	305
310								21.9	301.5	19,700*	310
315								17.9	287.1	18,800*	315
320								12.7	268.0	17,900*	320



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

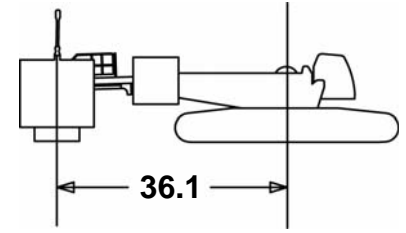
236.2 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115	68.1	464.0	70,200	79,100*									115
120	66.8	461.8	65,700	77,000*	70.0	465.5	54,200	84,500*					120
125	65.5	459.5	61,700	74,800*	68.7	463.6	50,600	84,400*					125
130	64.1	457.1	57,900	72,600*	67.4	461.5	47,300	84,300*					130
135	62.8	454.5	54,400	70,400*	66.1	459.3	44,300	84,200*					135
140	61.4	451.8	51,200	68,200*	64.8	456.9	41,500	83,000*					140
145	60.0	448.9	48,300	66,000*	63.4	454.4	38,900	81,100*	66.7	458.3	29,600	81,300*	145
150	58.6	445.9	45,500	63,800*	62.0	451.8	36,500	79,100*	65.4	456.0	27,500	81,300*	150
155	57.1	442.7	43,000	61,700*	60.6	449.0	34,300	77,000*	64.0	453.6	25,600	81,300*	155
160	55.6	439.3	40,600	59,600*	59.2	446.0	32,200	74,900*	62.7	451.0	23,800	81,300*	160
165	54.2	435.7	38,300	57,500*	57.8	442.9	30,200	72,800*	61.3	448.3	22,100	81,300*	165
170	52.6	431.9	36,200	55,600*	56.3	439.6	28,300	70,600*	59.9	445.4	20,500	81,300*	170
175	51.1	427.9	34,200	53,700*	54.9	436.1	26,600	68,500*	58.5	442.3	19,000	81,300*	175
180	49.5	423.6	32,400	51,800*	53.4	432.4	25,000	66,400*	57.0	439.1	17,600	80,700*	180
185	47.9	419.1	30,600	50,000*	51.8	428.4	23,400	64,300*	55.5	435.7	16,200	78,800*	185
190	46.2	414.4	28,900	48,300*	50.2	424.3	21,900	62,200*	54.0	432.1	15,000	76,800*	190
195	44.5	409.3	27,300	46,700*	48.6	419.9	20,500	60,200*	52.5	428.3	13,800	74,000	195
200	42.7	403.9	25,800	45,200*	47.0	415.3	19,200	58,200*	51.0	424.2	12,600	71,400	200
205	40.8	398.2	24,400	43,700*	45.3	410.4	18,000	56,300*	49.4	420.0	11,600	69,000	205
210	38.9	392.1	23,000	42,400*	43.5	405.2	16,800	54,500*	47.7	415.5	10,500	66,600	210
215	36.9	385.5	21,700	41,100*	41.7	399.6	15,600	52,700*	46.1	410.7	9,500	64,400	215
220	34.8	378.4	20,500	39,900*	39.8	393.7	14,500	51,000*	44.3	405.6	8,600	62,300	220
225	32.6	370.7	19,300	38,800*	37.9	387.3	13,500	49,400*	42.5	400.2	7,700	60,300	225
230	30.2	362.3	18,100	37,800*	35.8	380.5	12,500	47,900*	40.7	394.5	6,800	58,300	230
235	27.7	353.1	17,000	36,800*	33.7	373.1	11,500	46,400*	38.8	388.3	6,000	56,500	235
240	24.8	342.6	15,900	36,000*	31.4	365.1	10,600	45,100*	36.8	381.7	5,200	54,700	240
245	21.7	330.6	14,900	35,400*	28.9	356.2	9,700	43,800*	34.7	374.6	4,500	53,000	245
250	18.0	316.3	13,900	34,900*	26.2	346.4	8,800	42,700*	32.4	366.9	3,700	51,400	250
255	13.3	297.7	12,800	34,700*	23.2	335.2	8,000	41,700*	30.0	358.4	3,000	49,800	255
260	5.3	265.1	11,700	34,700*	19.9	322.1	7,100	40,800*	27.5	349.0	2,300	48,300	260
265					15.7	306.0	6,300	40,200*	24.6	338.5	1,600	46,800	265
270					10.0	282.9	5,400	40,000*	21.5	326.4		45,400	270
275									17.7	311.9		44,000	275
280									13.0	292.9		42,700	280
285									4.2	257.0		38,500*	285
290													290
295													295
300													300
305													305
310													310
315													315
320													320
325													325
330													330
335													335
340													340



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

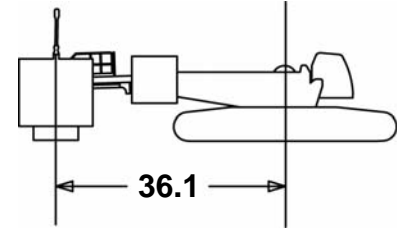
236.2 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
115											115
120											120
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170											170
175											175
180	62.7	446.4	5,400	73,400							180
185	61.3	443.7	4,400	70,600							185
190	59.9	440.8	3,500	68,000							190
195	58.5	437.7	2,600	65,500							195
200	57.1	434.5	1,800	63,100							200
205	55.6	431.1		60,900							205
210	54.1	427.5		58,800							210
215	52.6	423.7		56,700							215
220	51.0	419.6		54,800	57.0	427.8	47,500				220
225	49.4	415.4		53,000	55.5	424.4	45,800				225
230	47.8	410.9		51,200	54.0	420.8	44,100*				230
235	46.1	406.1		49,500	52.5	417.0	42,500*				235
240	44.4	401.0		47,900	50.9	412.9	40,900*				240
245	42.6	395.7		46,400	49.3	408.6	39,400*				245
250	40.8	389.9		44,900	47.7	404.1	38,000*				250
255	38.9	383.8		43,500	46.0	399.3	36,600*	52.2	408.0	28,600*	255
260	36.8	377.2		42,100	44.3	394.3	35,200*	50.6	404.0	27,400*	260
265	34.7	370.1		40,800	42.5	388.9	33,900*	49.0	399.6	26,300*	265
270	32.5	362.4		39,500	40.7	383.1	32,700*	47.4	395.1	25,200*	270
275	30.1	354.0		38,300	38.7	376.9	31,500*	45.7	390.2	24,100*	275
280	27.6	344.7		37,100	36.7	370.3	30,300*	44.0	385.1	23,100*	280
285	24.8	334.2		36,000	34.6	363.2	29,200*	42.2	379.6	22,100*	285
290	21.6	322.2		34,800	32.4	355.5	28,100*	40.3	373.8	21,200*	290
295	17.9	307.7		33,700	30.0	347.0	27,000*	38.4	367.5	20,200*	295
300	13.2	289.0		32,600	27.4	337.6	26,000*	36.3	360.9	19,300*	300
305	4.9	255.1		31,400*	24.6	327.1	25,000*	34.2	353.6	18,500*	305
310					21.4	314.9	24,000*	31.9	345.7	17,600*	310
315					17.7	300.3	23,000*	29.5	337.1	16,800*	315
320					12.8	281.1	22,000*	26.9	327.5	16,000*	320
325					3.7	244.0	21,000*	24.0	316.7	15,200*	325
330								20.7	304.2	14,400*	330
335								16.9	289.0	13,600*	335
340								11.7	268.4	12,800*	340



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

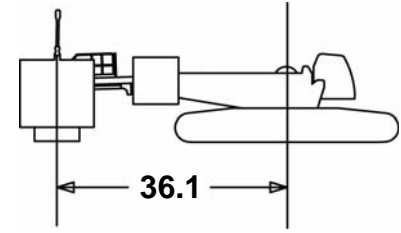
236.2 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
125	67.5	481.1	60,300	68,500*	70.5	484.7	49,100	73,100*					125
130	66.2	478.9	56,500	66,700*	69.3	482.8	45,800	73,100*					130
135	65.0	476.6	53,000	64,900*	68.0	480.7	42,700	73,000*					135
140	63.8	474.1	49,800	63,100*	66.8	478.6	39,900	72,900*					140
145	62.5	471.5	46,900	61,300*	65.6	476.4	37,400	72,700*					145
150	61.2	468.8	44,100	59,500*	64.4	474.0	34,900	72,300*	67.4	477.6	25,800	70,000*	150
155	59.9	465.9	41,600	57,700*	63.1	471.4	32,700	70,700*	66.2	475.4	23,900	70,000*	155
160	58.6	462.9	39,200	55,900*	61.8	468.7	30,600	69,200*	64.9	473.1	22,100	70,000*	160
165	57.3	459.7	36,900	54,200*	60.6	465.9	28,600	67,500*	63.7	470.6	20,400	70,000*	165
170	55.9	456.3	34,800	52,500*	59.3	463.0	26,800	65,800*	62.4	468.0	18,800	70,000*	170
175	54.6	452.7	32,800	50,800*	57.9	459.9	25,100	64,000*	61.1	465.2	17,300	70,000*	175
180	53.2	449.0	31,000	49,200*	56.6	456.6	23,400	62,300*	59.8	462.4	15,900	70,000*	180
185	51.8	445.1	29,200	47,600*	55.2	453.1	21,900	60,600*	58.5	459.3	14,600	70,000*	185
190	50.3	441.0	27,500	46,000*	53.8	449.5	20,400	58,800*	57.2	456.1	13,300	70,000*	190
195	48.8	436.6	25,900	44,600*	52.4	445.6	19,000	57,100*	55.9	452.7	12,200	69,600*	195
200	47.3	432.0	24,400	43,100*	51.0	441.6	17,700	55,400*	54.5	449.2	11,000	68,000*	200
205	45.7	427.2	23,000	41,800*	49.5	437.4	16,500	53,800*	53.1	445.4	10,000	66,500*	205
210	44.1	422.1	21,700	40,500*	48.0	432.9	15,300	52,100*	51.7	441.5	8,900	64,800*	210
215	42.5	416.7	20,400	39,200*	46.5	428.2	14,200	50,500*	50.2	437.3	8,000	63,100*	215
220	40.8	410.9	19,100	38,000*	44.9	423.2	13,100	49,000*	48.7	433.0	7,000	61,000	220
225	39.0	404.8	17,900	36,900*	43.3	417.9	12,000	47,500*	47.2	428.4	6,200	59,000	225
230	37.2	398.3	16,800	35,900*	41.6	412.4	11,100	46,100*	45.6	423.5	5,300	57,100	230
235	35.3	391.4	15,700	34,900*	39.9	406.4	10,100	44,700*	44.0	418.4	4,500	55,200	235
240	33.2	383.9	14,700	34,000*	38.1	400.1	9,200	43,400*	42.4	413.0	3,700	53,500	240
245	31.1	375.7	13,700	33,100*	36.2	393.4	8,300	42,100*	40.7	407.2	3,000	51,800	245
250	28.8	366.8	12,700	32,400*	34.2	386.1	7,500	41,000*	38.9	401.1	2,200	50,200	250
255	26.4	357.0	11,800	31,700*	32.1	378.3	6,600	39,800*	37.1	394.5	1,500	48,600	255
260	23.7	346.0	10,800	31,100*	29.9	369.8	5,900	38,800*	35.1	387.5		47,100	260
265	20.6	333.4	9,900	30,600*	27.6	360.5	5,100	37,800*	33.1	380.0		45,700	265
270	17.0	318.2	9,100	30,300*	25.0	350.1	4,300	37,000*	31.0	371.8		44,300	270
275	12.5	298.4	8,200	30,300*	22.1	338.3	3,600	36,200*	28.7	362.9		43,000	275
280	4.1	261.4	7,200	28,400*	18.8	324.5	2,900	35,600*	26.2	353.0		41,700	280
285					14.8	307.3	2,200	35,200*	23.5	341.9		40,400	285
290					9.1	282.5		33,700*	20.4	329.1		39,200	290
295									16.8	313.7		38,000	295
300									12.1	293.4		36,800	300
305									2.5	250.8		30,800*	305
310													310
315													315
320													320
325													325
330													330
335													335
340													340
345													345
350													350
355													355
360													360



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

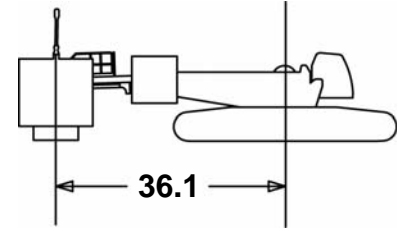
236.2 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170											170
175											175
180											180
185											185
190	62.5	463.4	1,700	64,000*							190
195	61.2	460.6		64,000*							195
200	59.9	457.7		61,700							200
205	58.6	454.7		59,500							205
210	57.3	451.5		57,300							210
215	55.9	448.1		55,300							215
220	54.5	444.6		53,400							220
225	53.1	440.8		51,600							225
230	51.7	436.9		49,800	57.2	444.8	42,100*				230
235	50.3	432.8		48,200	55.8	441.4	40,500*				235
240	48.8	428.4		46,600	54.5	437.9	38,900*				240
245	47.3	423.8		45,000	53.1	434.1	37,400*				245
250	45.7	419.0		43,600	51.6	430.2	36,000*				250
255	44.1	413.9		42,200	50.2	426.0	34,600*				255
260	42.4	408.4		40,800	48.7	421.6	33,300*				260
265	40.7	402.7		39,500	47.2	417.0	32,000*	52.8	425.2	24,200*	265
270	39.0	396.6		38,200	45.6	412.2	30,800*	51.4	421.2	23,100*	270
275	37.1	390.0		37,000	44.0	407.0	29,600*	49.9	417.0	22,100*	275
280	35.2	383.0		35,900	42.3	401.6	28,500*	48.4	412.6	21,100*	280
285	33.2	375.5		34,700	40.6	395.8	27,400*	46.9	408.0	20,100*	285
290	31.0	367.4		33,500*	38.9	389.7	26,300*	45.3	403.1	19,200*	290
295	28.8	358.5		32,400*	37.0	383.1	25,200*	43.7	397.9	18,300*	295
300	26.3	348.6		31,200*	35.1	376.1	24,200*	42.0	392.4	17,400*	300
305	23.6	337.6		30,100*	33.1	368.6	23,200*	40.3	386.5	16,500*	305
310	20.5	324.9		29,000*	30.9	360.4	22,300*	38.5	380.3	15,700*	310
315	16.9	309.6		27,900*	28.6	351.4	21,400*	36.7	373.7	14,900*	315
320	12.3	289.6		26,800*	26.1	341.5	20,500*	34.7	366.6	14,100*	320
325	3.5	250.6		25,700*	23.4	330.4	19,600*	32.7	358.9	13,400*	325
330					20.3	317.6	18,700*	30.5	350.6	12,600*	330
335					16.7	302.1	17,800*	28.2	341.5	11,900*	335
340					12.0	281.6	17,000*	25.6	331.4	11,200*	340
345					1.5	235.2	15,900*	22.9	320.0	10,500*	345
350								19.7	306.7	9,800*	350
355								15.9	290.6	9,100*	355
360								10.8	268.6	8,400*	360



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



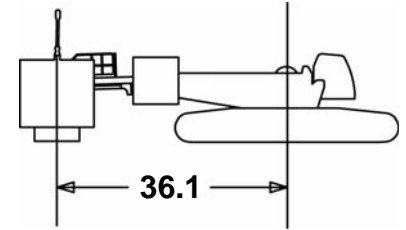
16000 MAX-ER

236.2 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
135	66.9	498.2	51,300	59,100*	69.7	501.9	40,800	62,300*					135
140	65.8	496.0	48,100	57,700*	68.6	500.0	38,000	62,200*					140
145	64.6	493.6	45,200	56,300*	67.5	497.9	35,400	62,100*					145
150	63.5	491.1	42,400	54,900*	66.3	495.7	33,000	61,900*					150
155	62.3	488.5	39,800	53,400*	65.2	493.4	30,800	61,700*	68.0	496.9	21,800	59,700*	155
160	61.1	485.7	37,500	52,000*	64.0	491.0	28,700	61,500*	66.8	494.7	20,000	59,600*	160
165	59.9	482.9	35,200	50,500*	62.8	488.4	26,700	61,300*	65.7	492.5	18,300	59,600*	165
170	58.7	479.8	33,100	49,100*	61.7	485.7	24,900	60,300*	64.5	490.1	16,800	59,600*	170
175	57.5	476.6	31,100	47,700*	60.5	482.9	23,200	58,900*	63.4	487.6	15,300	59,600*	175
180	56.2	473.3	29,300	46,300*	59.3	479.9	21,600	57,600*	62.2	485.0	13,900	59,600*	180
185	54.9	469.8	27,500	44,900*	58.0	476.8	20,000	56,300*	61.0	482.2	12,600	59,500*	185
190	53.6	466.1	25,800	43,600*	56.8	473.6	18,600	54,900*	59.8	479.3	11,300	59,400*	190
195	52.3	462.3	24,300	42,300*	55.5	470.1	17,200	53,500*	58.6	476.3	10,200	59,300*	195
200	51.0	458.3	22,800	41,000*	54.3	466.5	15,900	52,100*	57.4	473.1	9,000	59,200*	200
205	49.6	454.0	21,400	39,800*	53.0	462.8	14,700	50,700*	56.1	469.7	8,000	59,100*	205
210	48.3	449.6	20,000	38,600*	51.6	458.9	13,500	49,400*	54.9	466.2	7,000	59,000*	210
215	46.8	444.9	18,700	37,400*	50.3	454.7	12,400	48,000*	53.6	462.5	6,000	58,600*	215
220	45.4	440.0	17,500	36,300*	48.9	450.4	11,300	46,700*	52.2	458.7	5,100	57,400*	220
225	43.9	434.9	16,300	35,300*	47.5	445.8	10,300	45,400*	50.9	454.6	4,200	56,100*	225
230	42.3	429.4	15,200	34,200*	46.1	441.0	9,300	44,100*	49.5	450.4	3,400	54,800*	230
235	40.8	423.7	14,100	33,300*	44.6	436.0	8,300	42,900*	48.2	446.0	2,600	53,500*	235
240	39.1	417.6	13,100	32,400*	43.1	430.7	7,400	41,700*	46.7	441.3	1,800	52,000	240
245	37.4	411.1	12,100	31,500*	41.5	425.1	6,600	40,500*	45.3	436.4		50,300	245
250	35.7	404.2	11,100	30,700*	39.9	419.2	5,700	39,400*	43.8	431.2		48,700	250
255	33.8	396.9	10,200	29,900*	38.2	412.9	4,900	38,300*	42.2	425.7		47,100	255
260	31.9	389.0	9,300	29,200*	36.5	406.2	4,200	37,300*	40.7	419.9		45,700	260
265	29.8	380.4	8,500	28,600*	34.7	399.1	3,400	36,300*	39.0	413.8		44,200	265
270	27.6	371.1	7,600	28,000*	32.8	391.5	2,700	35,300*	37.3	407.3		42,900	270
275	25.2	360.8	6,800	27,500*	30.8	383.2	2,000	34,500*	35.5	400.4		41,500	275
280	22.6	349.2	6,000	27,000*	28.7	374.3		33,700*	33.7	393.0		40,300	280
285	19.6	335.9	5,300	26,700*	26.4	364.5		33,000*	31.7	385.1		39,000	285
290	16.1	319.9	4,500	26,500*	23.9	353.5		32,300*	29.7	376.5		37,800	290
295	11.6	298.8	3,700	26,500*	21.1	341.1		31,700*	27.4	367.1		36,700	295
300	2.5	255.2	2,800	21,500*	17.9	326.5		31,300*	25.0	356.7		35,500	300
305					14.0	308.4		31,000*	22.4	345.0		34,500	305
310					8.3	281.7		26,900*	19.4	331.5		33,400	310
315									15.9	315.3		32,400	315
320									11.3	293.7		30,600*	320
325													325
330													330
335													335
340													340
345													345
350													350
355													355
360													360
365													365
370													370

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

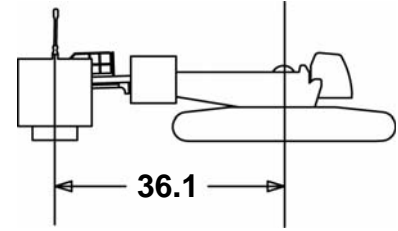
236.2 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Point Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Point Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Point Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190										190
195										195
200	62.3	480.3	54,400*							200
205	61.1	477.6	54,400*							205
210	59.9	474.7	54,400*							210
215	58.7	471.6	53,600							215
220	57.4	468.5	51,700							220
225	56.2	465.1	49,900							225
230	54.9	461.6	48,100							230
235	53.6	457.9	46,500							235
240	52.3	454.1	44,900	57.3	461.8	36,400*				240
245	51.0	450.1	43,400	56.1	458.4	35,000*				245
250	49.6	445.8	41,900	54.8	454.9	33,600*				250
255	48.2	441.4	40,500	53.5	451.2	32,200*				255
260	46.8	436.7	39,200	52.2	447.4	30,900*				260
265	45.3	431.8	37,800*	50.9	443.3	29,600*				265
270	43.8	426.6	36,500*	49.5	439.1	28,400*				270
275	42.3	421.2	35,100*	48.1	434.6	27,200*				275
280	40.7	415.4	33,900*	46.7	429.9	26,100*	52.0	438.5	18,600*	280
285	39.1	409.3	32,600*	45.2	425.0	25,000*	50.6	434.4	17,600*	285
290	37.4	402.9	31,400*	43.7	419.8	24,000*	49.3	430.1	16,700*	290
295	35.6	396.0	30,300*	42.2	414.4	22,900*	47.9	425.6	15,800*	295
300	33.7	388.6	29,100*	40.6	408.6	21,900*	46.4	420.9	14,900*	300
305	31.8	380.6	28,100*	39.0	402.5	21,000*	45.0	415.9	14,100*	305
310	29.7	372.1	27,000*	37.3	396.0	20,100*	43.5	410.6	13,300*	310
315	27.5	362.7	26,000*	35.5	389.0	19,200*	41.9	405.1	12,500*	315
320	25.1	352.4	25,000*	33.6	381.6	18,300*	40.3	399.3	11,700*	320
325	22.5	340.7	24,000*	31.7	373.7	17,400*	38.7	393.1	11,000*	325
330	19.5	327.4	23,000*	29.6	365.0	16,600*	36.9	386.5	10,300*	330
335	16.0	311.2	22,100*	27.4	355.6	15,800*	35.2	379.5	9,600*	335
340	11.5	290.0	21,100*	25.0	345.2	15,000*	33.3	372.0	8,900*	340
345	1.1	240.6	20,000*	22.3	333.5	14,200*	31.3	363.9	8,200*	345
350				19.3	320.0	13,400*	29.2	355.2	7,600*	350
355				15.8	303.7	12,700*	27.0	345.6	6,900*	355
360				11.2	281.9	11,900*	24.5	335.0	6,300*	360
365							21.8	323.0	5,700*	365
370							18.7	309.0	5,100*	370



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



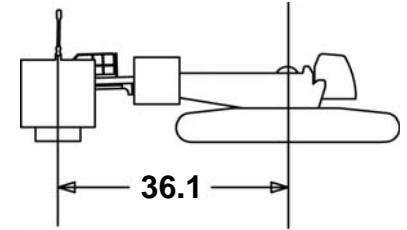
16000 MAX-ER

255.9 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60	66.3	336.4	184,300	216,000*c									60
65	62.2	333.8	166,500	205,600*b									65
70	57.9	330.7	151,500	195,300*b	69.0	336.5	132,000	225,100*c					70
75	53.4	327.0	138,700	185,200*b	65.0	334.1	120,800	222,400*c					75
80	48.6	322.7	127,700	175,600*	60.8	331.4	111,100	215,700*b					80
85	43.3	317.5	118,000	166,700*	56.5	328.1	102,700	205,800*b	67.6	333.6	87,200	224,000*c	85
90	37.5	311.2	109,500	158,800*	51.9	324.2	95,200	196,000*b	63.6	331.1	80,700	215,000b	90
95	30.6	303.3	101,800	152,100*	46.9	319.7	88,600	186,400*	59.4	328.2	75,000	201,200b	95
100	21.8	292.2	94,900	147,400*	41.5	314.2	82,700	177,500*	54.9	324.7	69,900	188,900b	100
105					35.4	307.4	77,200	169,300*	50.2	320.6	65,300	177,900b	105
110					28.1	298.7	72,300	160,400*	45.2	315.8	61,100	168,000	110
115					18.1	285.9	67,600	150,400*	39.6	309.9	57,300	159,000	115
120									33.1	302.6	53,700	150,800	120
125									25.2	292.9	50,300	143,300	125
130									12.8	276.7	46,900	136,200	130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

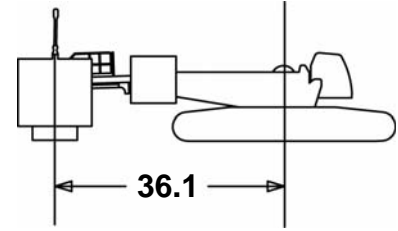
255.9 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60												60
65												65
70												70
75												75
80												80
85												85
90												90
95												95
100												100
105												105
110												110
115	61.0	324.2	39,200	145,000 ^b								115
120	56.6	321.0	36,600	137,600 ^b								120
125	52.0	317.1	34,200	130,800 ^b								125
130	47.1	312.6	32,000	124,600								130
135	41.7	307.1	29,900	118,900								135
140	35.7	300.4	27,900	113,500	57.8	314.9	13,700	102,600 ^b				140
145	28.4	291.8	26,000	108,600	53.3	311.2	12,400	98,200 ^b				145
150	18.5	279.2	24,100	103,800	48.5	306.9	11,300	94,000				150
155					43.2	301.7	10,200	90,200				155
160					37.4	295.4	9,100	86,500				160
165					30.5	287.4	8,100	83,100				165
170					21.6	276.2	7,000	79,800	49.1	298.6	71,500 ^b	170
175									43.9	293.6	68,800	175
180									38.2	287.4	66,200	180
185									31.5	279.7	63,700	185
190									23.0	269.2	61,300	190
195									6.7	247.4	58,800	195



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



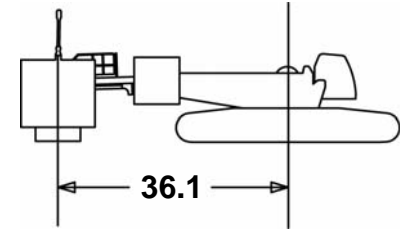
16000 MAX-ER

255.9 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	68.1	355.7	166,000	187,200*b									65
70	64.9	353.4	151,000	179,000*b									70
75	61.6	350.7	138,300	170,800*b	70.3	355.7	119,800	195,300*c					75
80	58.2	347.6	127,300	162,500*b	67.1	353.6	110,100	193,700*b					80
85	54.6	344.1	117,700	154,400*	63.9	351.1	101,700	189,500*b					85
90	50.9	340.1	109,300	146,700*	60.5	348.3	94,400	181,700*b					90
95	47.0	335.5	101,800	139,400*	57.1	345.1	87,800	173,700*	66.0	350.6	73,700	193,100*b	95
100	42.7	330.2	95,100	132,700*	53.5	341.5	82,000	165,900*	62.8	348.1	68,700	187,700b	100
105	38.1	324.0	89,100	126,700*	49.7	337.3	76,700	158,100*	59.4	345.1	64,100	176,800b	105
110	32.9	316.6	83,600	121,400*	45.6	332.5	71,900	150,700*	55.9	341.8	60,000	167,000	110
115	26.7	307.3	78,500	117,100*	41.3	326.9	67,500	143,700*	52.2	338.0	56,300	158,100	115
120	18.7	294.4	73,800	114,400*	36.5	320.4	63,500	137,300*	48.3	333.6	52,900	150,100	120
125					31.0	312.4	59,800	131,700*	44.2	328.5	49,700	142,700	125
130					24.5	302.3	56,300	127,000*	39.7	322.7	46,800	135,900	130
135					15.2	287.2	53,000	124,000*	34.7	315.7	44,100	129,700	135
140									29.0	307.2	41,500	123,900	140
145									21.8	295.9	39,000	118,500	145
150									10.1	276.4	36,500	113,300	150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

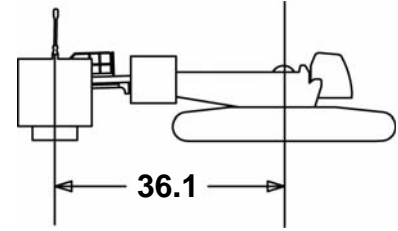
255.9 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65												65
70												70
75												75
80												80
85												85
90												90
95												95
100												100
105												105
110												110
115												115
120												120
125	60.7	341.2	32,700	129,600 ^b								125
130	57.2	338.0	30,500	123,400								130
135	53.6	334.3	28,600	117,800								135
140	49.8	330.2	26,700	112,500								140
145	45.8	325.4	25,000	107,700								145
150	41.4	319.9	23,400	103,200								150
155	36.7	313.4	21,800	99,000	54.6	328.4	8,600	88,900				155
160	31.2	305.5	20,300	95,000	50.8	324.3	7,700	85,400				160
165	24.7	295.4	18,900	91,300	46.9	319.7	6,800	82,000				165
170	15.6	280.6	17,400	87,700	42.6	314.4	5,900	78,900				170
175					38.0	308.2	5,100	76,000				175
180					32.8	300.8	4,300	73,100	51.3	316.0	64,900	180
185					26.6	291.4	3,400	70,500	47.4	311.5	62,500	185
190					18.5	278.4	2,600	67,900	43.2	306.3	60,300	190
195									38.6	300.2	58,200	195
200									33.5	293.0	56,100	200
205									27.5	284.0	54,200	205
210									19.8	271.6	52,300	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



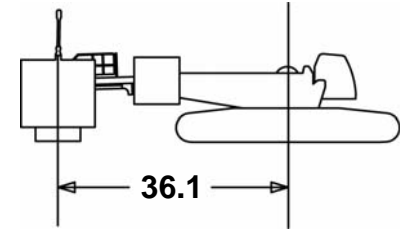
16000 MAX-ER

255.9 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	66.7	372.8	137,100	156,500*b									75
80	64.0	370.4	126,100	149,900*									80
85	61.3	367.7	116,500	143,200*	68.5	372.9	100,000	169,400*b					85
90	58.4	364.6	108,100	136,600*	65.9	370.6	92,600	166,900*b					90
95	55.5	361.2	100,700	130,100*	63.1	368.1	86,100	160,800*					95
100	52.4	357.4	94,000	123,900*	60.4	365.3	80,300	154,400*	67.6	370.0	66,600	167,900*b	100
105	49.2	353.1	88,100	118,000*	57.5	362.1	75,100	148,100*	64.9	367.7	62,100	167,600*b	105
110	45.9	348.4	82,700	112,500*	54.5	358.6	70,400	141,700*	62.2	365.0	58,100	165,400	110
115	42.3	343.0	77,700	107,400*	51.4	354.6	66,100	135,400*	59.4	362.1	54,400	156,500	115
120	38.5	336.8	73,300	102,800*	48.2	350.2	62,200	129,300*	56.5	358.8	51,000	148,500	120
125	34.3	329.7	69,100	98,600*	44.8	345.3	58,600	123,500*	53.5	355.1	48,000	141,200	125
130	29.5	321.3	65,300	95,000*	41.1	339.6	55,300	118,100*	50.4	351.0	45,100	134,500	130
135	23.9	310.8	61,700	92,200*	37.2	333.2	52,200	113,000*	47.1	346.5	42,500	128,400	135
140	16.3	296.1	58,200	90,700*	32.8	325.7	49,300	108,500*	43.6	341.3	40,000	122,700	140
145					27.8	316.7	46,600	104,500*	39.8	335.4	37,800	117,400	145
150					21.7	305.3	44,000	101,300*	35.8	328.7	35,600	112,500	150
155					13.0	288.0	41,400	99,500*	31.2	320.7	33,600	107,900	155
160									25.9	311.1	31,600	103,600	160
165									19.3	298.3	29,700	99,500	165
170									7.8	275.3	27,700	95,500	170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

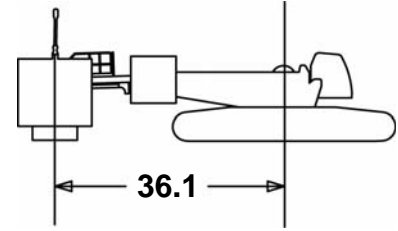
255.9 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75												75
80												80
85												85
90												90
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135	60.5	358.1	26,300	115,900								135
140	57.6	355.0	24,500	110,700								140
145	54.6	351.5	22,900	106,000								145
150	51.5	347.5	21,300	101,500								150
155	48.3	343.1	19,800	97,400								155
160	44.9	338.2	18,500	93,500								160
165	41.3	332.6	17,200	89,900	55.4	345.4	4,400	80,100				165
170	37.3	326.2	15,900	86,500	52.4	341.6	3,600	77,100				170
175	33.0	318.8	14,700	83,200	49.2	337.3	2,900	74,200				175
180	28.0	309.8	13,600	80,200	45.8	332.6	2,200	71,500				180
185	22.0	298.5	12,400	77,300	42.3	327.2	1,500	68,900				185
190	13.4	281.5	11,200	74,400	38.4	321.0		66,400	52.8	333.3	58,300	190
195					34.2	313.9		64,100	49.6	329.1	56,300	195
200					29.4	305.4		61,900	46.3	324.4	54,300	200
205					23.7	294.8		59,800	42.7	319.1	52,500	205
210					16.2	280.1		57,700	38.9	313.0	50,700	210
215									34.8	306.0	49,000	215
220									30.1	297.8	47,300	220
225									24.6	287.5	45,700	225
230									17.4	273.6	44,100	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



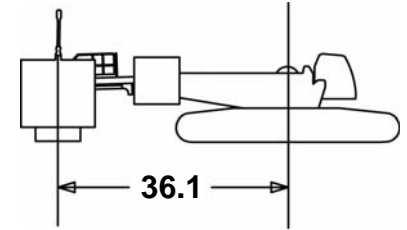
16000 MAX-ER

255.9 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	65.7	389.9	115,500	132,500*									85
90	63.4	387.4	107,100	127,000*	69.5	392.1	91,300	148,500*b					90
95	61.0	384.6	99,700	121,600*	67.3	390.0	84,800	147,600*					95
100	58.6	381.6	93,100	116,300*	65.0	387.7	79,000	142,900*					100
105	56.1	378.2	87,100	111,100*	62.6	385.1	73,800	137,900*					105
110	53.5	374.6	81,700	106,100*	60.2	382.2	69,100	132,700*	66.5	387.1	56,500	146,400*	110
115	50.8	370.5	76,800	101,300*	57.8	379.1	64,900	127,600*	64.2	384.7	52,900	146,200*	115
120	48.0	366.1	72,400	96,800*	55.3	375.6	61,000	122,400*	61.8	382.0	49,500	145,700*	120
125	45.1	361.2	68,300	92,500*	52.6	371.9	57,400	117,300*	59.4	379.1	46,500	140,000	125
130	42.0	355.7	64,500	88,600*	49.9	367.7	54,100	112,300*	56.9	375.8	43,700	133,300	130
135	38.8	349.6	61,100	85,000*	47.1	363.1	51,100	107,500*	54.4	372.3	41,100	127,200	135
140	35.2	342.7	57,800	81,700*	44.2	358.0	48,300	103,000*	51.7	368.4	38,700	121,500	140
145	31.3	334.8	54,800	78,800*	41.0	352.4	45,700	98,700*	49.0	364.0	36,500	116,300	145
150	26.9	325.4	52,000	76,300*	37.7	346.0	43,200	94,600*	46.1	359.3	34,400	111,400	150
155	21.6	313.7	49,200	74,500*	34.0	338.8	40,900	91,000*	43.1	354.0	32,400	106,900	155
160	14.5	297.3	46,600	73,600*	30.0	330.5	38,700	87,700*	39.9	348.2	30,600	102,700	160
165					25.3	320.5	36,700	84,800*	36.5	341.6	28,800	98,700	165
170					19.6	307.7	34,700	82,600*	32.7	334.0	27,200	95,000	170
175					11.2	288.2	32,600	81,400*	28.5	325.2	25,600	91,500	175
180									23.5	314.4	24,100	88,100	180
185									17.3	300.2	22,600	84,900	185
190									5.8	273.0	20,900	81,700	190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

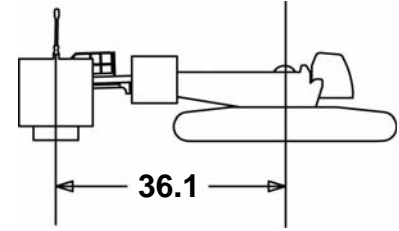
255.9 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85											85
90											90
95											95
100											100
105											105
110											110
115											115
120											120
125											125
130											130
135											135
140	62.7	377.9	22,800	109,300							140
145	60.3	375.1	21,100	104,600							145
150	57.9	372.0	19,600	100,100							150
155	55.3	368.5	18,200	96,000							155
160	52.7	364.7	16,900	92,200							160
165	50.0	360.6	15,600	88,600							165
170	47.2	356.0	14,500	85,200							170
175	44.3	351.0	13,300	82,100	56.0	362.5	72,700				175
180	41.1	345.3	12,300	79,100	53.4	358.8	70,000				180
185	37.8	339.0	11,300	76,300	50.8	354.7	67,500				185
190	34.1	331.9	10,300	73,600	48.0	350.3	65,100				190
195	30.1	323.5	9,300	71,000	45.1	345.4	62,800				195
200	25.5	313.6	8,400	68,600	42.0	339.9	60,700				200
205	19.8	301.0	7,500	66,300	38.7	333.8	58,600	51.1	346.5	51,000	205
210	11.6	281.9	6,500	63,900	35.2	326.9	56,700	48.4	342.1	49,300	210
215					31.2	318.9	54,800	45.5	337.2	47,600	215
220					26.8	309.5	53,000	42.4	331.8	46,000	220
225					21.5	297.7	51,200	39.1	325.8	44,500	225
230					14.3	281.2	49,500	35.6	319.0	43,000*	230
235								31.8	311.2	41,500*	235
240								27.4	302.0	40,000*	240
245								22.3	290.6	38,600*	245
250								15.5	275.0	37,100*	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



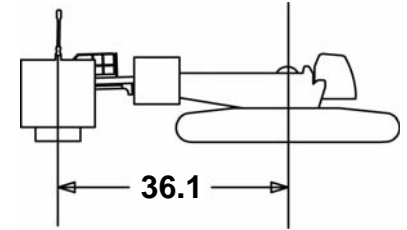
16000 MAX-ER

255.9 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95	64.9	406.9	98,200	112,900*	70.2	411.2	82,900	129,400*					95
100	62.9	404.4	91,600	108,500*	68.3	409.3	77,200	129,100*					100
105	60.8	401.6	85,700	104,200*	66.3	407.1	72,000	126,800*					105
110	58.7	398.5	80,300	99,900*	64.3	404.7	67,300	123,000*					110
115	56.5	395.2	75,400	95,700*	62.2	402.0	63,100	118,900*	67.6	406.4	50,700	127,000*	115
120	54.3	391.7	71,000	91,700*	60.1	399.2	59,200	114,800*	65.6	404.1	47,400	127,000*	120
125	52.0	387.8	66,900	87,800*	58.0	396.1	55,700	110,600*	63.6	401.7	44,400	127,000*	125
130	49.6	383.6	63,200	84,100*	55.8	392.7	52,400	106,500*	61.5	399.0	41,700	126,800*	130
135	47.1	379.0	59,700	80,600*	53.5	389.0	49,400	102,300*	59.4	396.0	39,100	123,900*	135
140	44.5	374.0	56,500	77,200*	51.2	385.0	46,600	98,300*	57.3	392.8	36,700	119,900	140
145	41.8	368.5	53,600	74,200*	48.8	380.7	44,100	94,300*	55.0	389.3	34,500	114,700	145
150	39.0	362.4	50,800	71,300*	46.3	376.0	41,600	90,500*	52.8	385.6	32,500	109,900	150
155	35.9	355.6	48,200	68,700*	43.7	370.8	39,400	86,900*	50.4	381.5	30,600	105,400	155
160	32.6	348.0	45,700	66,300*	40.9	365.1	37,300	83,500*	48.0	377.0	28,800	101,200	160
165	28.9	339.3	43,400	64,200*	38.0	358.9	35,300	80,300*	45.4	372.1	27,100	97,300	165
170	24.8	329.0	41,200	62,500*	34.9	351.9	33,400	77,300*	42.8	366.8	25,500	93,600	170
175	19.8	316.2	39,100	61,300*	31.5	343.9	31,600	74,600*	40.0	360.9	24,000	90,100	175
180	12.9	298.1	37,000	60,800*	27.7	334.8	29,900	72,100*	37.0	354.4	22,600	86,900	180
185					23.3	323.8	28,300	70,100*	33.8	347.1	21,200	83,800	185
190					17.9	309.8	26,700	68,500*	30.2	338.8	19,900	80,800	190
195					9.7	287.9	25,000	67,900*	26.3	329.1	18,600	78,000	195
200									21.6	317.4	17,400	75,400	200
205									15.6	301.7	16,200	72,800	205
210									3.4	268.4	14,700	70,200	210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
255													255
260													260
265													265
270													270

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

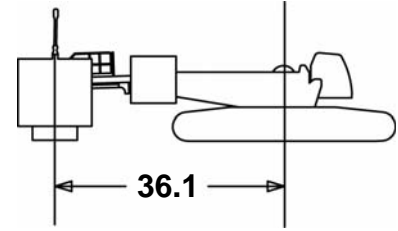
255.9 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95											95
100											100
105											105
110											110
115											115
120											120
125											125
130											130
135											135
140											140
145											145
150	62.3	394.9	17,300	98,300							150
155	60.2	392.0	15,900	94,200							155
160	58.1	388.9	14,600	90,400							160
165	55.9	385.6	13,400	86,800							165
170	53.6	381.9	12,300	83,500							170
175	51.3	377.9	11,200	80,400							175
180	48.9	373.6	10,200	77,400							180
185	46.4	368.9	9,200	74,600	56.5	379.5	65,600				185
190	43.8	363.7	8,300	72,000	54.2	375.9	63,200				190
195	41.0	358.1	7,400	69,500	51.9	372.0	61,000				195
200	38.1	351.8	6,600	67,100	49.5	367.8	58,900				200
205	35.0	344.8	5,800	64,900	47.1	363.2	56,800				205
210	31.6	337.0	5,000	62,700	44.5	358.2	54,900				210
215	27.8	327.8	4,200	60,600	41.8	352.6	53,100	52.2	363.7	45,200*	215
220	23.5	317.0	3,400	58,700	38.9	346.6	51,300	49.9	359.5	43,500*	220
225	18.1	303.1	2,700	56,700	35.9	339.8	49,700	47.4	355.0	42,000*	225
230	10.1	281.7	1,800	54,800	32.5	332.2	48,000	44.8	350.0	40,500*	230
235					28.9	323.4	46,500	42.1	344.5	39,000*	235
240					24.7	313.1	45,000	39.3	338.5	37,600*	240
245					19.7	300.2	43,500	36.3	331.9	36,300*	245
250					12.8	282.0	42,100	33.0	324.4	35,000*	250
255								29.4	315.8	33,700*	255
260								25.3	305.7	32,500*	260
265								20.4	293.3	31,300*	265
270								13.9	276.1	30,000*	270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

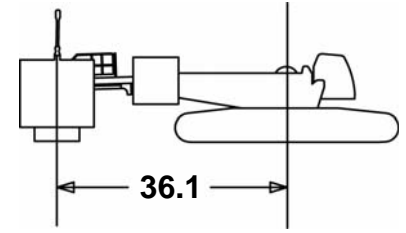
255.9 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100	66.1	426.3	90,400	100,600*	70.8	430.4	75,700	113,400*					100
105	64.3	423.9	84,400	97,100*	69.1	428.5	70,500	113,300*					105
110	62.5	421.3	79,100	93,500*	67.3	426.4	65,800	112,800*					110
115	60.7	418.5	74,200	90,000*	65.6	424.1	61,600	109,900*					115
120	58.8	415.5	69,800	86,500*	63.8	421.7	57,800	106,700*					120
125	56.8	412.3	65,700	83,100*	61.9	419.0	54,200	103,400*	66.7	423.5	42,800	111,000*	125
130	54.9	408.8	62,000	79,800*	60.1	416.1	51,000	100,100*	65.0	421.2	40,000	111,000*	130
135	52.8	405.0	58,500	76,600*	58.2	413.0	48,000	96,600*	63.1	418.6	37,500	111,000*	135
140	50.8	400.9	55,300	73,500*	56.2	409.7	45,200	93,200*	61.3	415.9	35,100	110,900*	140
145	48.6	396.6	52,400	70,600*	54.2	406.1	42,700	89,800*	59.4	413.0	33,000	108,600*	145
150	46.4	391.9	49,600	67,900*	52.2	402.3	40,300	86,500*	57.5	409.8	30,900	105,500*	150
155	44.1	386.7	47,100	65,200*	50.1	398.1	38,100	83,200*	55.5	406.4	29,000	102,400*	155
160	41.7	381.2	44,700	62,800*	47.9	393.6	36,000	80,100*	53.5	402.7	27,300	99,100*	160
165	39.1	375.1	42,400	60,500*	45.7	388.8	34,000	77,100*	51.5	398.8	25,600	95,900*	165
170	36.4	368.5	40,300	58,400*	43.3	383.6	32,200	74,200*	49.4	394.5	24,000	92,400	170
175	33.6	361.1	38,300	56,500*	40.9	377.9	30,400	71,400*	47.2	389.9	22,500	88,900	175
180	30.4	352.9	36,400	54,800*	38.3	371.6	28,800	68,800*	44.9	384.9	21,100	85,700	180
185	27.0	343.4	34,500	53,300*	35.5	364.8	27,200	66,400*	42.5	379.5	19,800	82,600	185
190	23.0	332.3	32,800	52,100*	32.6	357.1	25,700	64,100*	40.0	373.7	18,600	79,700	190
195	18.3	318.4	31,100	51,200*	29.4	348.5	24,300	62,100*	37.4	367.2	17,400	77,000	195
200	11.6	298.5	29,400	51,100*	25.8	338.6	22,900	60,300*	34.6	360.1	16,200	74,400	200
205					21.6	326.7	21,600	58,800*	31.5	352.2	15,100	71,900	205
210					16.4	311.5	20,300	57,700*	28.2	343.2	14,100	69,500	210
215					8.3	287.0	18,900	57,400*	24.4	332.7	13,000	67,300	215
220									20.0	319.9	12,000	65,100	220
225									14.2	302.8	11,000	63,000	225
230													230
235													235
240													240
245													245
250													250
255													255
260													260
265													265
270													270
275													275
280													280
285													285
290													290



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

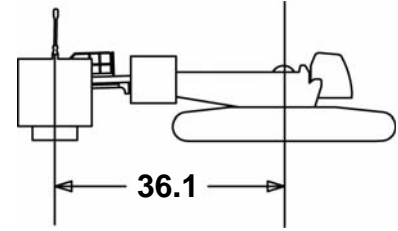
255.9 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100											100
105											105
110											110
115											115
120											120
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160	62.0	411.8	12,800	88,900							160
165	60.1	409.0	11,700	85,400							165
170	58.2	405.9	10,500	82,100							170
175	56.3	402.6	9,500	79,000							175
180	54.3	399.0	8,500	76,000							180
185	52.3	395.2	7,600	73,300							185
190	50.2	391.0	6,700	70,700							190
195	48.0	386.5	5,800	68,200	56.8	396.5	59,500				195
200	45.7	381.7	5,000	65,800	54.8	393.0	57,400				200
205	43.4	376.5	4,200	63,600	52.8	389.2	55,400				205
210	41.0	370.8	3,500	61,500	50.7	385.1	53,500				210
215	38.4	364.6	2,800	59,500	48.6	380.8	51,700				215
220	35.6	357.8	2,100	57,500	46.4	376.1	50,000				220
225	32.7	350.2		55,700	44.0	370.9	48,300				225
230	29.5	341.6		53,900	41.6	365.4	46,700	51.0	376.9	38,400*	230
235	25.9	331.7		52,200	39.1	359.3	45,200	48.9	372.5	37,000*	235
240	21.8	319.9		50,600	36.4	352.7	43,800	46.6	367.9	35,700*	240
245	16.6	304.9		48,900	33.5	345.3	42,400	44.3	362.8	34,400*	245
250	8.8	281.1		47,300	30.4	337.0	41,000	41.9	357.3	33,100*	250
255					26.9	327.5	39,700	39.4	351.3	31,900*	255
260					22.9	316.3	38,500	36.7	344.7	30,700*	260
265					18.2	302.4	37,200	33.9	337.5	29,600*	265
270					11.5	282.3	35,900*	30.8	329.3	28,500*	270
275								27.4	320.0	27,400*	275
280								23.5	309.1	26,300*	280
285								18.8	295.6	25,300*	285
290								12.5	276.7	24,200*	290



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



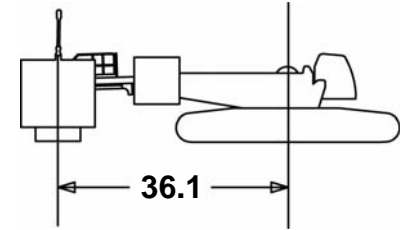
16000 MAX-ER

255.9 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
110	65.5	443.4	77,500	86,700*	69.7	447.6	64,000	99,100*					110
115	63.9	440.9	72,600	83,800*	68.2	445.6	59,700	99,000*					115
120	62.2	438.3	68,200	80,900*	66.6	443.5	55,900	97,800*					120
125	60.5	435.5	64,100	78,000*	65.0	441.2	52,400	95,400*					125
130	58.8	432.5	60,400	75,200*	63.3	438.6	49,100	92,800*	67.6	442.8	37,900	96,400*	130
135	57.1	429.2	57,000	72,400*	61.7	436.0	46,200	90,200*	66.0	440.6	35,400	96,400*	135
140	55.3	425.8	53,800	69,700*	60.0	433.1	43,400	87,400*	64.4	438.2	33,100	96,400*	140
145	53.5	422.1	50,900	67,100*	58.3	430.0	40,900	84,700*	62.8	435.6	30,900	96,400*	145
150	51.7	418.2	48,100	64,600*	56.6	426.7	38,500	81,900*	61.1	432.9	28,900	96,400*	150
155	49.8	414.0	45,600	62,100*	54.8	423.2	36,300	79,100*	59.4	429.9	27,000	95,400*	155
160	47.8	409.5	43,200	59,800*	53.0	419.5	34,200	76,400*	57.7	426.8	25,300	92,900*	160
165	45.8	404.7	40,900	57,600*	51.1	415.5	32,300	73,700*	56.0	423.4	23,600	90,400*	165
170	43.7	399.5	38,800	55,600*	49.2	411.2	30,500	71,100*	54.2	419.8	22,100	87,700*	170
175	41.5	394.0	36,800	53,600*	47.2	406.6	28,700	68,500*	52.3	416.0	20,600	85,100*	175
180	39.3	387.9	35,000	51,800*	45.2	401.6	27,100	66,100*	50.4	411.9	19,300	82,500*	180
185	36.9	381.4	33,200	50,100*	43.0	396.3	25,600	63,700*	48.5	407.5	18,000	79,800*	185
190	34.3	374.2	31,500	48,500*	40.8	390.6	24,100	61,500*	46.5	402.8	16,700	77,200*	190
195	31.6	366.2	29,900	47,100*	38.5	384.4	22,700	59,400*	44.4	397.7	15,600	74,600*	195
200	28.6	357.3	28,300	45,800*	36.1	377.7	21,400	57,400*	42.3	392.3	14,400	72,100*	200
205	25.3	347.2	26,900	44,700*	33.5	370.3	20,100	55,600*	40.0	386.4	13,400	69,700*	205
210	21.5	335.2	25,400	43,900*	30.7	362.0	18,900	53,900*	37.7	380.1	12,400	67,400*	210
215	16.9	320.2	24,000	43,300*	27.6	352.8	17,800	52,400*	35.2	373.1	11,400	65,200*	215
220	10.4	298.5	22,600	43,300*	24.2	342.1	16,600	51,000*	32.5	365.4	10,400	63,100*	220
225					20.2	329.4	15,500	49,900*	29.6	356.9	9,500	61,200*	225
230					15.2	312.9	14,400	49,100*	26.5	347.2	8,700	59,400*	230
235					7.1	285.6	13,300	49,100*	22.9	335.9	7,800	57,800*	235
240									18.6	322.2	6,900	56,200	240
245									13.0	303.6	6,100	54,400	245
250													250
255													255
260													260
265													265
270													270
275													275
280													280
285													285
290													290
295													295
300													300
305													305
310													310

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

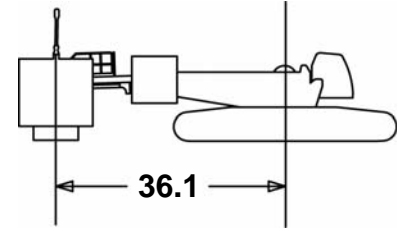
255.9 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
110											110
115											115
120											120
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170	61.7	428.8	8,300	80,300							170
175	60.1	425.9	7,200	77,200							175
180	58.4	422.9	6,300	74,300							180
185	56.6	419.6	5,300	71,500							185
190	54.8	416.1	4,500	68,900							190
195	53.0	412.3	3,700	66,500							195
200	51.2	408.3	2,900	64,100							200
205	49.2	404.0	2,100	61,900	57.1	413.5	53,500				205
210	47.3	399.5		59,800	55.3	410.0	51,600				210
215	45.2	394.5		57,800	53.5	406.4	49,800				215
220	43.1	389.3		55,900	51.7	402.4	48,100				220
225	40.9	383.6		54,100	49.8	398.2	46,500				225
230	38.6	377.4		52,400	47.8	393.7	44,900				230
235	36.1	370.7		50,700	45.8	388.9	43,500				235
240	33.5	363.3		49,100	43.7	383.7	42,000	51.9	394.1	33,100*	240
245	30.8	355.1		47,600	41.5	378.1	40,600*	50.0	390.0	31,800*	245
250	27.7	345.9		46,100	39.2	372.1	39,200*	48.1	385.5	30,600*	250
255	24.3	335.2		44,600	36.8	365.5	37,800*	46.0	380.7	29,400*	255
260	20.3	322.6		43,300	34.3	358.3	36,500*	44.0	375.6	28,200*	260
265	15.4	306.3		41,900	31.5	350.4	35,200*	41.8	370.0	27,100*	265
270	7.5	279.9		40,500	28.5	341.4	34,000*	39.5	364.1	26,100*	270
275					25.2	331.3	32,800*	37.1	357.6	25,000*	275
280					21.5	319.2	31,600*	34.6	350.5	24,000*	280
285					16.8	304.2	30,400*	31.9	342.6	23,100*	285
290					10.3	282.2	29,200*	29.0	333.8	22,100*	290
295								25.7	323.8	21,200*	295
300								22.0	312.1	20,300*	300
305								17.5	297.6	19,400*	305
310								11.4	277.0	18,400*	310



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



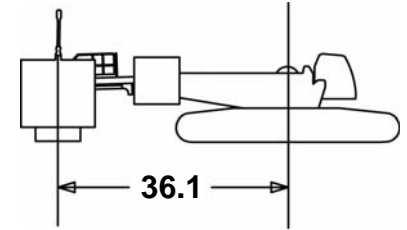
16000 MAX-ER

255.9 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
120	64.9	460.4	66,500	75,000*	68.8	464.9	54,000	86,600*					120
125	63.5	457.9	62,400	72,700*	67.4	462.8	50,500	86,500*					125
130	62.0	455.3	58,700	70,300*	65.9	460.6	47,300	85,100*					130
135	60.4	452.4	55,300	68,000*	64.5	458.2	44,300	83,100*					135
140	58.9	449.4	52,100	65,700*	63.0	455.6	41,500	81,000*	66.9	459.9	31,000	84,100*	140
145	57.3	446.2	49,200	63,400*	61.5	452.9	39,000	78,800*	65.4	457.6	28,900	84,100*	145
150	55.7	442.8	46,400	61,200*	60.0	450.0	36,600	76,600*	64.0	455.2	26,900	84,100*	150
155	54.1	439.2	43,900	59,000*	58.4	447.0	34,400	74,400*	62.5	452.6	25,000	84,100*	155
160	52.4	435.4	41,500	56,900*	56.8	443.7	32,400	72,100*	61.0	449.8	23,300	84,100*	160
165	50.7	431.4	39,300	54,900*	55.2	440.3	30,400	69,800*	59.4	446.9	21,600	83,800*	165
170	49.0	427.0	37,200	53,000*	53.6	436.6	28,600	67,600*	57.9	443.7	20,100	81,900*	170
175	47.2	422.4	35,200	51,200*	51.9	432.7	26,900	65,400*	56.3	440.4	18,700	79,900*	175
180	45.3	417.5	33,300	49,400*	50.2	428.5	25,300	63,200*	54.7	436.9	17,300	77,800*	180
185	43.4	412.3	31,500	47,800*	48.4	424.1	23,800	61,100*	53.0	433.1	16,000	75,600*	185
190	41.4	406.7	29,900	46,200*	46.6	419.5	22,300	59,100*	51.3	429.2	14,800	73,500*	190
195	39.4	400.7	28,300	44,700*	44.7	414.5	21,000	57,200*	49.6	424.9	13,600	71,300*	195
200	37.2	394.2	26,800	43,300*	42.8	409.1	19,700	55,300*	47.8	420.4	12,500	69,200*	200
205	34.9	387.1	25,300	42,100*	40.8	403.4	18,400	53,500*	46.0	415.6	11,500	67,100*	205
210	32.5	379.4	24,000	40,900*	38.7	397.2	17,200	51,800*	44.1	410.5	10,500	65,000*	210
215	29.9	370.9	22,600	39,800*	36.5	390.5	16,100	50,100*	42.1	405.0	9,500	63,000*	215
220	27.0	361.4	21,400	38,900*	34.1	383.3	15,000	48,600*	40.1	399.2	8,600	61,000*	220
225	23.9	350.6	20,100	38,100*	31.7	375.4	14,000	47,200*	37.9	392.9	7,700	59,200*	225
230	20.2	337.8	19,000	37,500*	29.0	366.6	13,000	45,900*	35.7	386.0	6,900	57,300*	230
235	15.8	321.8	17,800	37,200*	26.1	356.7	12,000	44,800*	33.3	378.5	6,100	55,600*	235
240	9.4	298.1	16,600	37,200*	22.8	345.3	11,000	43,800*	30.8	370.3	5,300	54,000*	240
245					18.9	331.7	10,100	42,900*	28.0	361.2	4,500	52,500*	245
250					14.1	314.0	9,200	42,400*	25.0	350.9	3,800	51,100*	250
255					5.9	283.5	8,100	42,400*	21.5	338.9	3,100	49,800*	255
260									17.4	324.2	2,300	48,400	260
265									12.0	304.2	1,600	46,900	265
270													270
275													275
280													280
285													285
290													290
295													295
300													300
305													305
310													310
315													315
320													320
325													325
330													330

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 36.1 ft Position
 360 Degree Rating



16000 MAX-ER

255.9 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
120											120
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170											170
175											175
180	61.5	445.8	4,100	72,500							180
185	60.0	442.9	3,200	69,800							185
190	58.5	439.8	2,300	67,200							190
195	56.9	436.6	1,500	64,700							195
200	55.3	433.1		62,400							200
205	53.6	429.5		60,200							205
210	52.0	425.6		58,100							210
215	50.2	421.4		56,200	57.3	430.5	48,000*				215
220	48.5	417.0		54,300	55.7	427.1	46,200*				220
225	46.7	412.4		52,500	54.1	423.5	44,500*				225
230	44.8	407.4		50,700	52.4	419.6	42,800*				230
235	42.9	402.0		49,100	50.7	415.6	41,300*				235
240	40.8	396.3		47,500	49.0	411.2	39,700*				240
245	38.8	390.2		46,000	47.2	406.6	38,300*				245
250	36.6	383.5		44,500	45.3	401.7	36,900*	52.6	411.3	28,100*	250
255	34.2	376.3		43,100	43.4	396.5	35,500*	50.9	407.3	26,900*	255
260	31.8	368.4		41,800	41.4	390.9	34,200*	49.2	403.0	25,800*	260
265	29.1	359.6		40,500	39.3	384.9	33,000*	47.4	398.4	24,700*	265
270	26.2	349.8		39,200	37.2	378.4	31,800*	45.5	393.5	23,700*	270
275	22.9	338.5		38,000	34.9	371.3	30,600*	43.6	388.4	22,700*	275
280	19.1	325.0		36,800	32.4	363.6	29,500*	41.7	382.8	21,700*	280
285	14.3	307.5		35,600	29.8	355.1	28,400*	39.6	376.8	20,800*	285
290	6.4	278.0		34,400	27.0	345.5	27,300*	37.4	370.4	19,800*	290
295					23.8	334.7	26,200*	35.2	363.4	19,000*	295
300					20.2	321.9	25,200*	32.8	355.8	18,100*	300
305					15.7	305.8	24,200*	30.2	347.4	17,300*	305
310					9.2	281.8	23,100*	27.4	338.0	16,400*	310
315								24.2	327.4	15,600*	315
320								20.7	314.8	14,800*	320
325								16.4	299.3	14,000*	325
330								10.3	277.0	13,200*	330