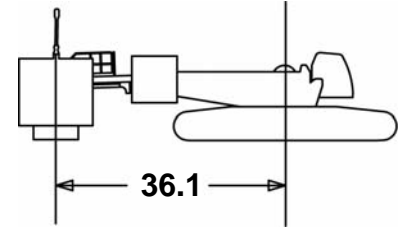


# Liftcrane Luffing Jib Capacities

**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  
313,850 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. **Caution: Do not luff into areas indicated by (b) or (c) 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.

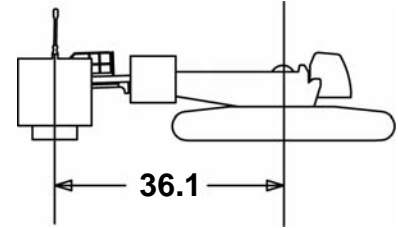
### Boom and/or Jib Catwalks Deduct

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  
 with 98.4 ft Mast No. 59A  
 332,000 lb Crane Counterweight  
 120,000 lb Carbody Counterweight  
 313,850 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	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	
55	69.5	219.5	344,000	402,300* <sup>b</sup>					55
60	65.5	217.2	309,800	387,800* <sup>b</sup>					60
65	61.3	214.5	281,400	355,400* <sup>b</sup>	67.2	217.0	272,100	395,300* <sup>b</sup>	65
70	57.0	211.3	257,600	322,600*	63.2	214.5	249,000	382,200* <sup>b</sup>	70
75	52.4	207.5	237,200	296,300*	58.9	211.5	229,300	360,600* <sup>b</sup>	75
80	47.5	203.0	219,500	274,900*	54.5	208.0	212,300	337,800*	80
85	42.2	197.7	204,000	257,300*	49.7	203.9	197,400	316,000*	85
90	36.2	191.1	190,400	243,000*	44.6	198.9	184,200	286,100*	90
95	29.1	182.7	178,100	230,100*	38.9	192.9	172,500	260,900*	95
100	19.6	170.6	167,000	204,500*	32.4	185.4	161,900	239,200*	100
105					24.2	175.4	152,300	220,200*	105
110					10.6	157.4	143,200	181,600*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

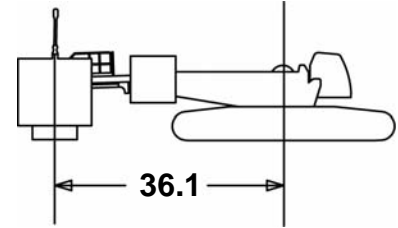
137.8 ft Boom, 78.7 ft Luffing Jib

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	
55													55
60													60
65													65
70													70
75													75
80													80
85	60.5	209.8	186,100	309,900* <sup>b</sup>									85
90	56.1	206.5	173,700	292,300*									90
95	51.5	202.6	162,700	275,800*									95
100	46.5	197.9	152,900	260,900*	57.5	203.6	143,700	254,300*					100
105	41.1	192.3	144,000	247,500*	52.9	199.9	135,300	241,200*					105
110	34.9	185.5	135,900	235,200*	48.1	195.5	127,800	229,300*					110
115	27.5	176.6	128,400	224,000*	42.8	190.2	120,900	218,500*					115
120	17.0	163.1	121,400	209,800*	36.9	183.8	114,500	208,500*	49.2	191.7	107,300	203,300*	120
125					29.9	175.7	108,600	199,300*	44.0	186.6	101,900	194,000	125
130					20.8	164.1	103,100	190,000	38.3	180.5	96,800	185,000	130
135									31.6	172.8	92,100	176,800	135
140									23.1	162.3	87,600	169,100	140
145									7.4	141.3	83,000	161,600	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  
 313,850 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	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	
60	70.6	238.7	309,900	357,400* <sup>b</sup>					60
65	67.5	236.6	281,500	345,700* <sup>b</sup>					65
70	64.3	234.2	257,500	334,500*					70
75	60.9	231.5	237,100	303,700*	65.7	234.1	228,900	341,100* <sup>b</sup>	75
80	57.5	228.3	219,400	279,000*	62.4	231.5	211,800	331,200*	80
85	53.9	224.7	204,000	258,700*	59.0	228.5	197,000	316,500*	85
90	50.1	220.6	190,500	241,700*	55.5	225.1	183,900	291,300*	90
95	46.1	215.9	178,400	227,200*	51.8	221.2	172,300	266,000*	95
100	41.8	210.4	167,700	215,300*	47.9	216.8	161,900	244,400*	100
105	37.1	204.0	157,900	202,400*	43.8	211.7	152,500	225,800*	105
110	31.8	196.3	149,100	188,700*	39.2	205.7	144,000	209,400*	110
115	25.3	186.5	141,000	176,200*	34.2	198.6	136,300	194,900*	115
120	16.6	172.3	133,400	156,500*	28.3	189.9	129,100	182,000*	120
125					20.9	178.1	122,500	170,100*	125
130					7.8	156.2	116,000	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

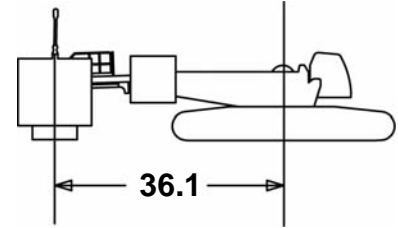
### 137.8 ft Boom, 98.4 ft Luffing Jib

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	
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95	60.3	226.7	161,900	274,700*									95
100	56.8	223.5	152,200	259,900*									100
105	53.2	219.8	143,400	246,500*									105
110	49.4	215.6	135,400	234,400*	57.9	220.6	126,800	228,200*					110
115	45.3	210.7	128,100	223,300*	54.3	217.1	120,000	217,400*					115
120	40.9	205.1	121,500	213,200*	50.5	213.0	113,700	207,500*					120
125	36.1	198.4	115,400	200,700*	46.6	208.4	108,000	198,500*					125
130	30.6	190.4	109,700	187,200*	42.3	203.0	102,800	189,500	51.4	209.1	95,800	184,000	130
135	23.9	180.0	104,400	175,000*	37.6	196.7	97,900	181,100	47.5	204.6	91,300	175,900	135
140	14.2	164.2	99,300	162,400*	32.3	189.1	93,300	173,300	43.3	199.4	87,000	168,400	140
145					26.1	179.6	89,000	166,100	38.7	193.3	83,100	161,400	145
150					17.7	166.1	84,900	159,300	33.6	186.1	79,300	154,900	150
155									27.6	177.1	75,800	148,800	155
160									19.9	164.9	72,400	143,100	160
165									3.1	136.5	68,700	137,400	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



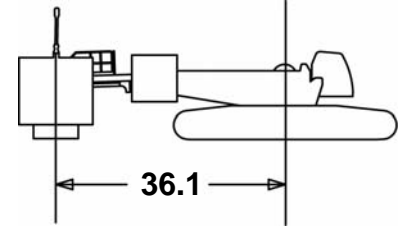
**16000 MAX-ER**

137.8 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	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	
70	68.8	255.9	256,700	308,300*					70
75	66.2	253.7	236,200	299,500*					75
80	63.5	251.2	218,500	290,400*	67.4	253.4	210,600	304,400*	80
85	60.7	248.4	203,100	266,400*	64.7	251.1	195,700	296,400*	85
90	57.8	245.3	189,600	246,800*	61.9	248.4	182,700	288,800*	90
95	54.9	241.8	177,500	230,100*	59.1	245.5	171,000	268,300*	95
100	51.8	237.9	166,800	216,300*	56.2	242.1	160,700	246,600*	100
105	48.6	233.6	157,100	204,600*	53.2	238.4	151,400	227,800*	105
110	45.2	228.7	148,400	190,900*	50.0	234.3	142,900	211,500*	110
115	41.6	223.1	140,500	178,700*	46.7	229.6	135,300	197,100*	115
120	37.7	216.8	133,200	167,800*	43.2	224.4	128,300	184,300*	120
125	33.4	209.5	126,500	157,900*	39.4	218.5	121,900	172,800*	125
130	28.5	200.7	120,300	148,800*	35.3	211.6	115,900	162,500*	130
135	22.6	189.6	114,500	140,400*	30.7	203.5	110,400	153,000*	135
140	14.4	173.5	109,000	124,100*	25.3	193.6	105,300	144,400*	140
145					18.4	180.3	100,400	135,700*	145
150					5.1	153.4	95,400	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

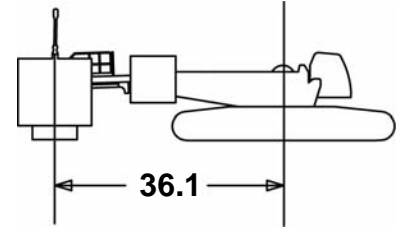
137.8 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	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	62.9	246.6	150,500	258,200*									100
105	60.1	243.7	141,800	244,900*									105
110	57.3	240.5	133,800	232,800*									110
115	54.3	236.9	126,600	221,800*									115
120	51.2	232.9	120,100	211,700*									120
125	47.9	228.5	114,100	202,400*	55.2	234.1	106,300	196,800*					125
130	44.5	223.5	108,500	189,300*	52.1	230.3	101,100	188,000					130
135	40.8	217.8	103,400	177,400*	48.9	226.0	96,300	179,700					135
140	36.9	211.3	98,600	166,600*	45.6	221.2	91,800	172,000	52.8	226.3	85,100	166,700	140
145	32.4	203.7	94,100	156,900*	42.0	215.7	87,700	164,900	49.7	222.1	81,300	159,800	145
150	27.4	194.6	89,900	148,000*	38.1	209.5	83,800	158,300	46.3	217.4	77,600	153,400	150
155	21.2	182.8	85,900	139,700*	33.8	202.3	80,100	152,100	42.8	212.1	74,200	147,400	155
160	12.0	164.6	82,000	129,400*	29.0	193.7	76,700	146,300	39.0	206.1	71,100	141,900	160
165					23.2	182.9	73,400	140,800	34.8	199.1	68,100	136,600	165
170					15.4	167.6	70,200	134,700*	30.2	190.9	65,200	131,700	170
175									24.7	180.7	62,500	127,000	175
180									17.5	166.8	59,800	122,600	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

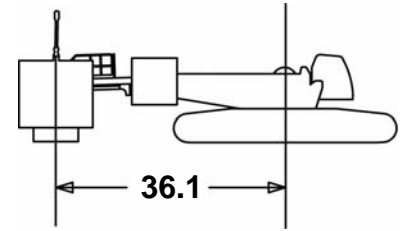
137.8 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	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	
75	69.8	275.1	235,600	275,800*					75
80	67.5	273.0	217,800	268,800*					80
85	65.2	270.7	202,400	262,100*					85
90	62.9	268.2	188,800	255,800*	66.2	270.5	181,700	267,300*	90
95	60.5	265.4	176,800	238,600*	63.9	268.1	170,100	261,200*	95
100	58.1	262.3	166,000	221,200*	61.6	265.4	159,700	247,100*	100
105	55.6	258.9	156,400	205,700*	59.2	262.4	150,400	228,300*	105
110	53.0	255.1	147,600	192,000*	56.7	259.2	142,000	211,900*	110
115	50.3	251.0	139,700	179,800*	54.1	255.6	134,300	197,600*	115
120	47.5	246.5	132,500	168,800*	51.5	251.6	127,400	184,800*	120
125	44.5	241.4	125,900	159,000*	48.7	247.3	121,000	173,400*	125
130	41.4	235.9	119,800	150,000*	45.8	242.5	115,100	163,100*	130
135	38.1	229.6	114,100	141,900*	42.8	237.2	109,700	153,800*	135
140	34.5	222.5	108,900	134,400*	39.6	231.2	104,600	145,400*	140
145	30.5	214.4	104,000	127,500*	36.1	224.5	100,000	137,600*	145
150	25.9	204.6	99,400	121,000*	32.3	216.9	95,600	130,500*	150
155	20.4	192.3	95,100	114,300*	28.0	207.9	91,400	123,900*	155
160					23.0	196.9	87,500	117,700*	160
165					16.5	182.1	83,800	110,200*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

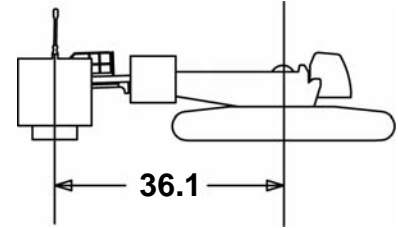
137.8 ft Boom, 137.8 ft Luffing Jib

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	
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110	62.4	263.5	132,600	231,500*									110
115	60.0	260.6	125,400	220,500*									115
120	57.6	257.5	118,900	210,400*									120
125	55.1	254.0	112,900	201,200*									125
130	52.4	250.2	107,400	189,700*									130
135	49.7	246.0	102,300	177,800*	55.8	251.2	94,900	178,500					135
140	46.9	241.4	97,500	167,200*	53.2	247.5	90,500	170,800					140
145	43.9	236.3	93,200	157,600*	50.6	243.4	86,400	163,700					145
150	40.8	230.6	89,100	148,800*	47.8	238.9	82,600	157,100					150
155	37.4	224.2	85,200	140,800*	44.8	234.0	79,000	151,000	51.2	239.5	72,800	146,200	155
160	33.7	216.9	81,600	133,500*	41.7	228.4	75,600	145,300	48.4	235.1	69,700	140,700	160
165	29.6	208.4	78,200	126,700*	38.4	222.3	72,500	139,900	45.5	230.2	66,800	135,500	165
170	24.9	198.3	75,000	120,400*	34.9	215.3	69,500	134,900	42.5	224.9	64,000	130,600	170
175	19.1	185.2	71,900	114,400*	30.9	207.2	66,700	129,200*	39.2	218.9	61,400	126,000	175
180	10.2	164.5	68,800	105,600*	26.4	197.7	64,000	122,700*	35.7	212.1	58,900	121,700	180
185					21.0	185.7	61,400	116,700*	31.8	204.3	56,500	117,600	185
190					13.6	168.5	58,800	110,800*	27.5	195.1	54,300	113,800	190
195									22.4	183.8	52,100	110,100	195
200									15.6	168.3	49,900	106,500	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  
 313,850 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	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	70.5	294.2	216,700	247,400*					80
85	68.5	292.3	201,200	241,700*					85
90	66.5	290.1	187,600	235,200*					90
95	64.5	287.7	175,500	228,000*	67.4	289.9	168,600	237,900*	95
100	62.5	285.1	164,700	219,800*	65.4	287.6	158,200	231,400*	100
105	60.4	282.3	155,100	204,700*	63.4	285.1	148,900	224,800*	105
110	58.3	279.2	146,300	191,500*	61.3	282.4	140,500	211,600*	110
115	56.1	275.9	138,400	179,300*	59.2	279.4	132,900	197,500*	115
120	53.8	272.3	131,200	168,400*	57.0	276.2	125,900	184,700*	120
125	51.5	268.3	124,600	158,600*	54.8	272.6	119,500	173,300*	125
130	49.1	264.0	118,500	149,700*	52.5	268.9	113,700	163,000*	130
135	46.6	259.3	112,900	141,600*	50.2	264.7	108,300	153,700*	135
140	44.0	254.2	107,700	134,200*	47.7	260.2	103,300	145,300*	140
145	41.3	248.6	102,900	127,300*	45.2	255.3	98,600	137,600*	145
150	38.4	242.4	98,400	121,100*	42.5	249.9	94,300	130,500*	150
155	35.3	235.5	94,200	115,200*	39.7	244.0	90,200	124,000*	155
160	31.9	227.7	90,200	109,800*	36.7	237.4	86,400	118,000*	160
165	28.2	218.7	86,500	104,700*	33.4	230.0	82,900	112,400*	165
170	23.9	208.0	83,000	99,900*	29.9	221.6	79,500	107,100*	170
175	18.6	194.5	79,600	93,800*	25.8	211.7	76,300	102,200*	175
180					21.1	199.7	73,200	97,600*	180
185					14.9	183.4	70,200	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

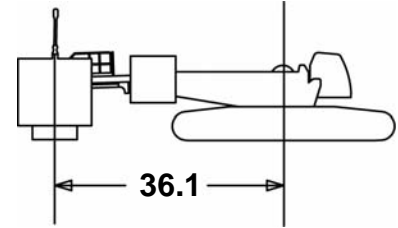
137.8 ft Boom, 157.5 ft Luffing Jib

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	
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120	62.1	280.5	117,100	208,800*									120
125	60.0	277.6	111,100	199,500*									125
130	57.8	274.5	105,600	189,500*									130
135	55.6	271.1	100,600	177,600*									135
140	53.4	267.4	95,900	167,000*									140
145	51.0	263.4	91,500	157,400*	56.3	268.2	84,500	162,100					145
150	48.6	259.0	87,500	148,600*	54.1	264.6	80,700	155,600					150
155	46.1	254.2	83,700	140,700*	51.7	260.7	77,200	149,500					155
160	43.5	249.0	80,100	133,400*	49.4	256.5	73,800	143,800					160
165	40.7	243.3	76,800	126,700*	46.9	251.8	70,700	138,500	52.3	256.7	64,800	133,800	165
170	37.8	237.0	73,600	120,500*	44.3	246.7	67,800	133,500	49.9	252.6	62,100	129,000	170
175	34.6	229.9	70,700	114,800*	41.6	241.2	65,000	128,800	47.4	248.0	59,500	124,400	175
180	31.2	221.9	67,800	109,400*	38.7	235.1	62,400	122,700*	44.9	243.1	57,000	120,200	180
185	27.4	212.6	65,200	104,400*	35.6	228.2	59,900	116,900*	42.2	237.6	54,700	116,100	185
190	22.9	201.5	62,600	99,700*	32.3	220.5	57,600	111,400*	39.3	231.6	52,500	112,300	190
195	17.4	187.1	60,100	95,100*	28.6	211.7	55,300	106,300*	36.3	224.9	50,500	108,700	195
200	8.7	163.8	57,600	87,200*	24.3	201.2	53,100	101,500*	33.0	217.5	48,500	105,300	200
205					19.2	188.1	51,000	96,900*	29.4	208.9	46,600	102,000	205
210					12.1	169.0	48,900	92,400*	25.4	198.9	44,700	98,900	210
215									20.5	186.5	42,900	95,900	215
220									14.0	169.4	41,200	93,000	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  
 313,850 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	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	
95	67.5	309.4	174,500	202,300*					95
100	65.8	307.2	163,700	196,600*					100
105	64.0	304.7	154,000	190,600*	66.6	307.0	147,700	195,700*	105
110	62.1	302.1	145,300	184,300*	64.8	304.6	139,300	193,500*	110
115	60.3	299.3	137,300	178,000*	63.0	302.0	131,600	187,700*	115
120	58.4	296.2	130,100	168,000*	61.1	299.3	124,700	181,600*	120
125	56.5	292.9	123,500	158,500*	59.2	296.3	118,300	172,900*	125
130	54.5	289.4	117,400	149,500*	57.3	293.1	112,500	162,900*	130
135	52.4	285.5	111,800	141,400*	55.3	289.7	107,100	153,500*	135
140	50.3	281.4	106,600	134,000*	53.3	286.0	102,100	145,100*	140
145	48.2	277.0	101,800	127,100*	51.3	282.0	97,400	137,400*	145
150	45.9	272.2	97,300	120,900*	49.1	277.7	93,100	130,300*	150
155	43.6	267.0	93,200	115,000*	46.9	273.1	89,100	123,800*	155
160	41.2	261.4	89,200	109,700*	44.6	268.1	85,300	117,800*	160
165	38.6	255.2	85,600	104,600*	42.3	262.7	81,800	112,200*	165
170	35.9	248.4	82,100	99,900*	39.7	256.7	78,400	107,000*	170
175	33.0	240.9	78,800	95,500*	37.1	250.2	75,300	102,200*	175
180	29.8	232.4	75,700	91,400*	34.3	243.1	72,300	97,700*	180
185	26.2	222.7	72,800	87,500*	31.2	235.0	69,500	93,400*	185
190	22.2	211.1	70,000	83,700*	27.8	225.9	66,800	89,400*	190
195	17.1	196.4	67,300	78,100*	24.0	215.2	64,300	85,600*	195
200					19.5	202.1	61,800	81,900*	200
205					13.5	184.3	59,400	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

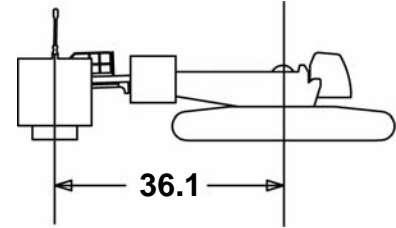
137.8 ft Boom, 177.2 ft Luffing Jib

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	
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130	61.8	297.4	104,200	178,200*									130
135	59.9	294.5	99,200	176,700*									135
140	58.0	291.4	94,500	166,800*									140
145	56.1	288.1	90,100	157,100*									145
150	54.1	284.5	86,100	148,400*									150
155	52.0	280.6	82,300	140,400*	56.7	285.2	75,600	148,200					155
160	49.9	276.4	78,800	133,100*	54.7	281.7	72,300	142,500					160
165	47.7	271.9	75,500	126,400*	52.6	277.9	69,300	137,200					165
170	45.5	267.1	72,400	120,200*	50.6	273.8	66,300	132,200					170
175	43.1	261.8	69,400	114,500*	48.4	269.4	63,600	127,600					175
180	40.7	256.1	66,700	109,200*	46.2	264.7	61,000	122,400*	51.0	269.9	55,500	118,900	180
185	38.1	249.8	64,000	104,300*	43.9	259.5	58,600	116,500*	48.9	265.6	53,200	114,800	185
190	35.3	242.9	61,500	99,600*	41.4	253.9	56,200	111,100*	46.7	260.9	51,100	111,100	190
195	32.3	235.2	59,200	95,300*	38.9	247.8	54,000	106,100*	44.4	255.8	49,000	107,500	195
200	29.1	226.5	56,900	91,200*	36.2	241.1	51,900	101,400*	42.0	250.4	47,100	104,100	200
205	25.5	216.4	54,700	87,300*	33.3	233.7	49,900	96,900*	39.5	244.4	45,200	100,900	205
210	21.2	204.4	52,600	83,600*	30.1	225.3	48,000	92,800*	36.8	237.8	43,400	97,800	210
215	15.9	188.7	50,600	80,000*	26.6	215.7	46,200	88,800*	33.9	230.5	41,700	94,900	215
220	7.3	162.5	48,500	72,700*	22.6	204.4	44,400	85,100*	30.9	222.4	40,100	92,100	220
225					17.7	190.1	42,600	81,500*	27.4	213.1	38,500	89,400	225
230					10.7	169.1	40,900	77,900*	23.6	202.2	37,000	86,300*	230
235									18.9	188.8	35,500	82,700*	235
240									12.7	170.1	34,000	79,100*	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  
313,850 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	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	
110	65.2	324.2	143,800	164,600*	67.5	326.3	137,700	160,000*	110
115	63.5	321.7	135,900	158,900*	65.9	324.0	130,000	160,000*	115
120	61.9	319.1	128,700	153,300*	64.2	321.6	123,100	160,000*	120
125	60.2	316.2	122,100	147,500*	62.6	319.0	116,700	156,200*	125
130	58.5	313.2	116,000	142,000*	60.9	316.3	110,900	150,600*	130
135	56.8	309.9	110,400	136,600*	59.3	313.3	105,500	145,100*	135
140	55.0	306.4	105,200	131,300*	57.5	310.1	100,500	139,700*	140
145	53.2	302.7	100,400	126,000*	55.8	306.7	95,800	134,400*	145
150	51.3	298.7	95,900	119,800*	54.0	303.1	91,500	129,100*	150
155	49.4	294.5	91,700	114,000*	52.1	299.3	87,500	122,700*	155
160	47.4	289.9	87,800	108,600*	50.2	295.1	83,800	116,700*	160
165	45.4	285.0	84,200	103,600*	48.3	290.7	80,200	111,100*	165
170	43.3	279.8	80,700	99,000*	46.3	286.0	76,900	106,000*	170
175	41.1	274.1	77,500	94,600*	44.2	280.9	73,800	101,200*	175
180	38.8	268.0	74,400	90,600*	42.1	275.4	70,900	96,700*	180
185	36.4	261.3	71,500	86,700*	39.8	269.5	68,100	92,500*	185
190	33.8	254.0	68,800	83,100*	37.4	263.1	65,500	88,600*	190
195	31.0	245.9	66,200	79,700*	34.9	256.0	62,900	84,900*	195
200	28.0	236.7	63,700	76,400*	32.2	248.3	60,600	81,400*	200
205	24.6	226.3	61,300	73,300*	29.3	239.6	58,300	78,000*	205
210	20.7	213.8	59,000	70,300*	26.1	229.8	56,100	74,900*	210
215	15.9	198.0	56,800	65,000*	22.5	218.4	54,000	71,800*	215
220					18.1	204.3	52,000	68,900*	220
225					12.3	184.9	49,900	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

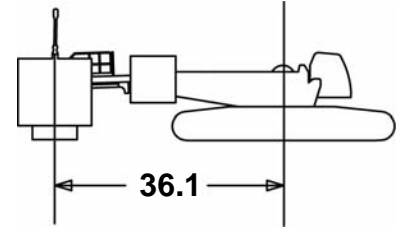
137.8 ft Boom, 196.9 ft Luffing Jib

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	
110													110
115													115
120													120
125													125
130													130
135													135
140	61.5	314.4	92,700	145,600*									140
145	59.9	311.5	88,300	145,600*									145
150	58.2	308.4	84,300	141,300*									150
155	56.4	305.1	80,500	136,300*									155
160	54.6	301.6	77,000	131,300*									160
165	52.8	297.8	73,700	125,200*	56.9	302.2	67,300	131,800*					165
170	50.9	293.8	70,600	119,100*	55.2	298.8	64,400	130,600					170
175	49.0	289.5	67,700	113,400*	53.4	295.1	61,700	126,000					175
180	47.0	284.8	65,000	108,100*	51.5	291.1	59,100	121,100*					180
185	45.0	279.9	62,400	103,200*	49.6	286.9	56,700	115,300*					185
190	42.9	274.5	59,900	98,600*	47.6	282.4	54,400	109,900*	51.9	287.1	49,000	109,400	190
195	40.6	268.8	57,600	94,300*	45.6	277.5	52,200	104,900*	50.0	283.0	47,000	105,800	195
200	38.3	262.6	55,300	90,300*	43.5	272.3	50,200	100,300*	48.1	278.5	45,100	102,500	200
205	35.9	255.8	53,200	86,500*	41.3	266.7	48,200	95,900*	46.1	273.7	43,300	99,300	205
210	33.2	248.3	51,200	82,900*	39.0	260.6	46,300	91,800*	44.0	268.6	41,500	96,200	210
215	30.4	240.0	49,300	79,600*	36.6	254.0	44,500	87,900*	41.8	263.1	39,900	93,300	215
220	27.3	230.6	47,400	76,300*	34.1	246.7	42,800	84,300*	39.6	257.1	38,300	90,600	220
225	23.9	219.9	45,600	73,300*	31.3	238.7	41,200	80,900*	37.2	250.6	36,700	87,900	225
230	19.8	206.9	43,900	70,300*	28.3	229.7	39,600	77,600*	34.6	243.5	35,300	85,400*	230
235	14.7	190.0	42,100	67,400*	25.0	219.4	38,000	74,500*	31.9	235.7	33,900	81,900*	235
240	5.9	160.4	40,300	60,500*	21.1	207.2	36,500	71,500*	29.0	226.9	32,500	78,600*	240
245					16.4	191.8	35,100	68,600*	25.8	217.0	31,200	75,500*	245
250					9.6	168.8	33,600	65,700*	22.1	205.3	29,900	72,500*	250
255									17.6	190.8	28,600	69,600*	255
260									11.5	170.4	27,300	66,700*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

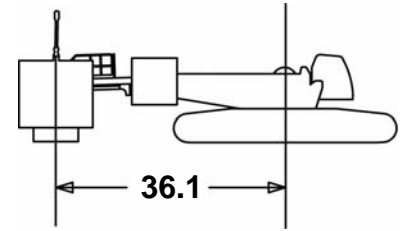
137.8 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	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	
125	63.2	338.7	120,500	138,300*	65.3	341.1	115,000	133,400*	125
130	61.7	336.0	114,400	137,800*	63.8	338.6	109,200	133,300*	130
135	60.1	333.2	108,800	134,300*	62.3	336.0	103,800	133,100*	135
140	58.6	330.1	103,600	129,300*	60.8	333.2	98,800	132,900*	140
145	57.0	326.9	98,800	122,900*	59.3	330.2	94,100	132,600*	145
150	55.4	323.5	94,300	117,000*	57.7	327.1	89,800	125,900*	150
155	53.8	319.8	90,100	111,500*	56.1	323.8	85,800	119,800*	155
160	52.1	316.0	86,200	106,400*	54.5	320.2	82,100	114,100*	160
165	50.4	311.8	82,600	101,700*	52.8	316.4	78,500	108,900*	165
170	48.6	307.5	79,100	97,100*	51.1	312.4	75,200	104,000*	170
175	46.8	302.8	75,900	92,800*	49.4	308.2	72,100	99,300*	175
180	45.0	297.8	72,900	88,800*	47.6	303.6	69,200	94,900*	180
185	43.0	292.5	70,000	85,000*	45.8	298.8	66,400	90,700*	185
190	41.0	286.9	67,200	81,500*	43.9	293.7	63,800	86,900*	190
195	38.9	280.7	64,700	78,100*	41.9	288.2	61,300	83,200*	195
200	36.7	274.1	62,200	75,000*	39.9	282.2	59,000	79,800*	200
205	34.4	267.0	59,900	72,000*	37.7	275.9	56,700	76,500*	205
210	32.0	259.1	57,600	69,100*	35.5	269.0	54,600	73,500*	210
215	29.3	250.5	55,500	66,400*	33.1	261.4	52,500	70,500*	215
220	26.4	240.7	53,400	63,800*	30.5	253.1	50,600	67,800*	220
225	23.2	229.6	51,500	61,300*	27.7	243.9	48,700	65,100*	225
230	19.4	216.3	49,500	58,900*	24.7	233.4	46,900	62,600*	230
235	14.7	199.3	47,700	53,900*	21.2	221.2	45,100	60,100*	235
240					17.0	206.1	43,400	57,800*	240
245					11.3	185.2	41,700	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

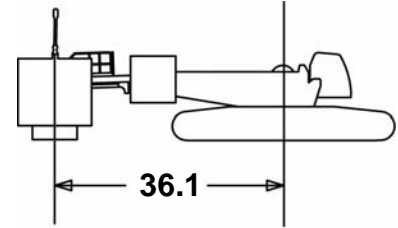
137.8 ft Boom, 216.5 ft Luffing Jib

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	
125													125
130													130
135													135
140													140
145	62.9	334.1	86,500	121,200*									145
150	61.4	331.4	82,400	121,200*									150
155	59.8	328.5	78,700	121,200*									155
160	58.3	325.4	75,200	121,200*									160
165	56.7	322.1	71,900	121,200*									165
170	55.1	318.6	68,800	116,500*									170
175	53.4	315.0	65,900	111,100*	57.2	319.2	59,700	110,800*					175
180	51.8	311.0	63,100	106,100*	55.6	315.8	57,200	110,800*					180
185	50.0	306.9	60,600	101,300*	53.9	312.2	54,800	110,800*					185
190	48.3	302.4	58,100	96,700*	52.3	308.3	52,500	107,900*					190
195	46.5	297.7	55,800	92,500*	50.6	304.2	50,300	102,900*					195
200	44.6	292.7	53,600	88,500*	48.8	299.9	48,300	98,300*	52.7	304.3	43,100	100,800	200
205	42.6	287.3	51,500	84,800*	47.0	295.3	46,300	94,000*	51.0	300.3	41,300	97,600	205
210	40.6	281.5	49,500	81,300*	45.2	290.3	44,500	89,900*	49.2	296.0	39,500	94,600	210
215	38.5	275.4	47,600	78,000*	43.2	285.1	42,700	86,200*	47.4	291.5	37,900	91,700	215
220	36.3	268.6	45,700	74,900*	41.2	279.4	41,000	82,600*	45.6	286.6	36,300	89,000	220
225	34.0	261.4	44,000	71,900*	39.2	273.4	39,400	79,200*	43.7	281.4	34,800	86,300	225
230	31.5	253.4	42,300	69,100*	37.0	266.8	37,800	76,100*	41.7	275.9	33,400	83,600*	230
235	28.8	244.5	40,700	66,400*	34.7	259.7	36,300	73,000*	39.6	269.9	32,000	80,200*	235
240	25.8	234.5	39,100	63,800*	32.2	251.9	34,900	70,200*	37.5	263.5	30,700	77,000*	240
245	22.5	223.0	37,600	61,300*	29.6	243.4	33,500	67,500*	35.2	256.5	29,400	74,000*	245
250	18.6	209.1	36,200	59,000*	26.7	233.8	32,100	64,900*	32.8	248.9	28,200	71,100*	250
255	13.6	191.0	34,700	56,600*	23.5	222.8	30,800	62,400*	30.2	240.5	27,000	68,300*	255
260	4.5	157.1	33,100	49,800*	19.9	209.7	29,600	60,000*	27.4	231.1	25,800	65,700*	260
265					15.3	193.3	28,300	57,600*	24.3	220.5	24,700	63,200*	265
270					8.5	168.0	27,000	55,100*	20.7	208.0	23,600	60,800*	270
275									16.4	192.5	22,500	58,400*	275
280									10.4	170.4	21,400	56,000*	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  
313,850 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	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	
145	60.1	350.1	97,300	112,900*	62.1	353.0	92,500	110,100*	145
150	58.7	347.1	92,800	112,200*	60.7	350.2	88,200	109,700*	150
155	57.2	343.9	88,700	110,300*	59.3	347.2	84,200	109,300*	155
160	55.8	340.5	84,800	105,300*	57.9	344.1	80,500	108,900*	160
165	54.3	336.9	81,100	100,500*	56.4	340.8	77,000	107,700*	165
170	52.7	333.1	77,700	96,100*	54.9	337.3	73,700	102,900*	170
175	51.2	329.1	74,400	92,000*	53.4	333.6	70,600	98,300*	175
180	49.6	324.9	71,400	88,300*	51.9	329.7	67,600	94,100*	180
185	48.0	320.4	68,500	84,500*	50.3	325.5	64,900	90,200*	185
190	46.3	315.7	65,800	80,900*	48.7	321.2	62,300	86,300*	190
195	44.6	310.6	63,200	77,500*	47.0	316.6	59,800	82,600*	195
200	42.8	305.3	60,800	74,300*	45.3	311.7	57,400	79,100*	200
205	41.0	299.6	58,500	71,300*	43.6	306.5	55,200	75,800*	205
210	39.1	293.5	56,300	68,400*	41.8	300.9	53,100	72,700*	210
215	37.1	287.0	54,100	65,700*	39.9	295.0	51,100	69,800*	215
220	35.0	279.9	52,100	63,100*	37.9	288.7	49,100	67,000*	220
225	32.8	272.3	50,200	60,600*	35.9	281.9	47,300	64,400*	225
230	30.4	264.0	48,300	58,200*	33.7	274.5	45,500	61,800*	230
235	27.9	254.8	46,600	55,900*	31.5	266.5	43,800	59,400*	235
240	25.1	244.4	44,800	53,800*	29.0	257.7	42,100	57,100*	240
245	22.0	232.6	43,200	51,700*	26.3	247.9	40,600	54,900*	245
250	18.3	218.5	41,600	49,300*	23.4	236.8	39,000	52,700*	250
255	13.8	200.3	40,000	44,800*	20.0	223.8	37,500	50,700*	255
260					15.9	207.7	36,100	48,600*	260
265					10.3	185.2	34,600	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

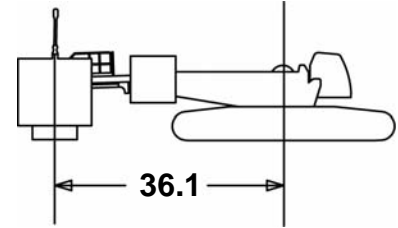
137.8 ft Boom, 236.2 ft Luffing Jib

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	
145													145
150													150
155	62.6	351.1	76,900	101,300*									155
160	61.2	348.3	73,400	101,300*									160
165	59.8	345.4	70,100	101,300*									165
170	58.4	342.4	67,000	101,300*									170
175	56.9	339.1	64,100	101,300*									175
180	55.5	335.7	61,400	101,300*									180
185	54.0	332.0	58,800	100,200*	57.4	336.2	52,900	92,300*					185
190	52.4	328.2	56,400	95,900*	55.9	332.8	50,600	92,300*					190
195	50.9	324.2	54,100	91,900*	54.4	329.3	48,500	92,300*					195
200	49.3	319.9	51,900	87,900*	52.9	325.5	46,400	92,300*					200
205	47.6	315.4	49,800	84,100*	51.4	321.5	44,500	92,300*					205
210	46.0	310.6	47,800	80,600*	49.8	317.3	42,600	89,300*					210
215	44.2	305.5	45,900	77,300*	48.1	312.9	40,900	85,500*	51.7	317.5	36,000	85,200*	215
220	42.4	300.1	44,100	74,100*	46.5	308.2	39,200	81,900*	50.1	313.4	34,400	85,200*	220
225	40.6	294.3	42,400	71,100*	44.8	303.1	37,600	78,500*	48.5	309.0	32,900	84,800	225
230	38.7	288.1	40,700	68,300*	43.0	297.8	36,100	75,300*	46.9	304.4	31,500	82,300	230
235	36.7	281.5	39,200	65,600*	41.2	292.2	34,600	72,200*	45.2	299.4	30,100	79,400*	235
240	34.5	274.3	37,600	63,000*	39.3	286.1	33,200	69,400*	43.4	294.2	28,800	76,200*	240
245	32.3	266.6	36,200	60,600*	37.3	279.6	31,800	66,600*	41.6	288.6	27,600	73,100*	245
250	29.9	258.1	34,800	58,200*	35.2	272.7	30,500	64,000*	39.7	282.6	26,400	70,200*	250
255	27.3	248.7	33,400	56,000*	33.0	265.1	29,300	61,500*	37.7	276.3	25,200	67,400*	255
260	24.5	238.1	32,100	53,800*	30.6	256.8	28,100	59,200*	35.7	269.4	24,100	64,800*	260
265	21.3	225.9	30,800	51,700*	28.1	247.7	26,900	56,900*	33.5	262.0	23,000	62,300*	265
270	17.5	211.1	29,500	49,700*	25.4	237.5	25,700	54,700*	31.2	253.9	22,000	59,900*	270
275	12.6	191.7	28,300	47,600*	22.3	225.9	24,600	52,600*	28.7	245.0	20,900	57,600*	275
280	2.8	151.6	26,800	40,700*	18.7	212.0	23,500	50,600*	26.0	235.1	19,900	55,400*	280
285					14.3	194.5	22,400	48,500*	23.0	223.8	19,000	53,300*	285
290					7.5	166.8	21,300	46,400*	19.6	210.5	18,000	51,300*	290
295									15.4	194.0	17,100	49,300*	295
300									9.5	170.1	16,100	47,200*	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  
 313,850 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	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	
160	58.7	364.0	83,400	93,500*	60.6	367.1	79,000	91,600*	160
165	57.4	360.9	79,700	92,900*	59.3	364.2	75,500	91,200*	165
170	56.1	357.5	76,300	92,300*	58.0	361.0	72,200	90,800*	170
175	54.7	354.0	73,100	89,900*	56.6	357.8	69,100	90,400*	175
180	53.3	350.3	70,100	86,100*	55.3	354.3	66,200	89,900*	180
185	51.9	346.4	67,200	82,600*	53.9	350.7	63,500	88,000*	185
190	50.4	342.2	64,500	79,300*	52.5	346.9	60,800	84,400*	190
195	48.9	337.9	61,900	75,900*	51.1	342.9	58,400	81,000*	195
200	47.4	333.4	59,500	72,800*	49.6	338.6	56,000	77,500*	200
205	45.9	328.5	57,100	69,800*	48.1	334.1	53,800	74,300*	205
210	44.3	323.5	54,900	67,000*	46.6	329.5	51,700	71,200*	210
215	42.6	318.1	52,800	64,300*	45.0	324.5	49,700	68,300*	215
220	40.9	312.3	50,800	61,700*	43.3	319.2	47,700	65,600*	220
225	39.2	306.3	48,900	59,300*	41.7	313.7	45,900	63,000*	225
230	37.3	299.8	47,100	57,000*	39.9	307.7	44,100	60,500*	230
235	35.4	292.9	45,300	54,800*	38.1	301.5	42,500	58,100*	235
240	33.4	285.4	43,600	52,700*	36.3	294.7	40,800	55,900*	240
245	31.3	277.3	42,000	50,600*	34.3	287.5	39,300	53,700*	245
250	29.0	268.5	40,400	48,700*	32.2	279.7	37,800	51,700*	250
255	26.6	258.8	38,900	46,800*	30.0	271.2	36,300	49,700*	255
260	23.9	247.9	37,500	45,000*	27.7	261.9	35,000	47,800*	260
265	20.9	235.4	36,100	43,200*	25.1	251.6	33,600	46,000*	265
270	17.3	220.4	34,700	40,900*	22.2	239.9	32,300	44,200*	270
275					19.0	226.1	31,000	42,400*	275
280					15.0	209.1	29,700	40,300*	280
285					9.4	184.8	28,500	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

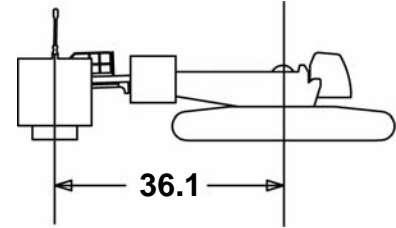
137.8 ft Boom, 255.9 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
160													160
165	62.3	368.0	68,500	85,000*									165
170	61.1	365.3	65,500	85,000*									170
175	59.8	362.4	62,600	85,000*									175
180	58.5	359.3	59,900	85,000*									180
185	57.1	356.1	57,300	84,900*									185
190	55.8	352.7	54,900	84,800*									190
195	54.4	349.1	52,600	84,700*	57.5	353.2	46,800	77,300*					195
200	53.0	345.4	50,400	84,600*	56.2	349.8	44,800	77,300*					200
205	51.6	341.4	48,300	82,500*	54.8	346.3	42,900	77,300*					205
210	50.1	337.3	46,300	79,000*	53.4	342.6	41,000	77,300*					210
215	48.6	332.9	44,400	75,700*	52.0	338.7	39,300	77,300*					215
220	47.1	328.3	42,600	72,500*	50.6	334.7	37,600	77,300*					220
225	45.5	323.4	40,900	69,600*	49.1	330.4	36,000	76,800*	52.3	334.8	31,300	71,000*	225
230	43.9	318.3	39,300	66,800*	47.6	325.8	34,500	73,700*	50.9	330.7	29,800	71,000*	230
235	42.3	312.8	37,700	64,200*	46.0	321.0	33,100	70,700*	49.4	326.5	28,500	71,000*	235
240	40.6	307.0	36,200	61,600*	44.4	316.0	31,700	67,800*	47.9	322.0	27,200	71,000*	240
245	38.8	300.9	34,800	59,200*	42.8	310.6	30,300	65,200*	46.4	317.2	26,000	71,000*	245
250	37.0	294.3	33,400	57,000*	41.1	304.9	29,000	62,600*	44.8	312.2	24,800	68,600*	250
255	35.0	287.3	32,000	54,800*	39.3	298.9	27,800	60,200*	43.2	307.0	23,600	65,900*	255
260	33.0	279.7	30,700	52,700*	37.5	292.5	26,600	57,900*	41.5	301.3	22,500	63,400*	260
265	30.8	271.5	29,500	50,700*	35.6	285.6	25,400	55,700*	39.7	295.4	21,500	60,900*	265
270	28.5	262.5	28,300	48,800*	33.6	278.2	24,300	53,500*	37.9	289.0	20,400	58,600*	270
275	26.0	252.6	27,100	46,900*	31.5	270.2	23,200	51,500*	36.1	282.3	19,400	56,300*	275
280	23.3	241.4	26,000	45,100*	29.2	261.4	22,200	49,600*	34.1	275.0	18,500	54,200*	280
285	20.2	228.5	24,900	43,300*	26.8	251.8	21,200	47,700*	32.0	267.1	17,500	52,200*	285
290	16.5	212.9	23,800	41,600*	24.2	241.0	20,200	45,900*	29.8	258.6	16,600	50,200*	290
295	11.8	192.2	22,700	39,800*	21.2	228.7	19,200	44,100*	27.4	249.2	15,700	48,300*	295
300					17.7	214.1	18,300	42,300*	24.8	238.7	14,900	46,500*	300
305					13.4	195.4	17,300	40,600*	21.9	226.8	14,000	44,700*	305
310					6.5	165.1	16,300	38,800*	18.6	212.8	13,200	43,000*	310
315									14.5	195.3	12,400	41,300*	315
320									8.6	169.4	11,500	39,500*	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  
313,850 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	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	
180	56.3	374.5	68,400	76,200*	58.1	378.0	64,500	75,200*	180
185	55.0	371.0	65,500	75,600*	56.9	374.8	61,700	74,700*	185
190	53.7	367.4	62,800	75,100*	55.6	371.4	59,100	74,300*	190
195	52.4	363.6	60,300	74,000*	54.3	367.8	56,600	73,800*	195
200	51.1	359.5	57,800	71,100*	53.0	364.0	54,300	73,400*	200
205	49.7	355.3	55,500	68,200*	51.7	360.1	52,100	72,600*	205
210	48.4	350.9	53,300	65,400*	50.3	356.0	50,000	69,700*	210
215	46.9	346.3	51,200	62,800*	49.0	351.6	48,000	66,800*	215
220	45.5	341.4	49,200	60,200*	47.6	347.1	46,000	64,100*	220
225	44.0	336.2	47,300	57,800*	46.1	342.3	44,200	61,500*	225
230	42.5	330.8	45,500	55,500*	44.7	337.3	42,500	59,000*	230
235	40.9	325.1	43,700	53,300*	43.1	332.0	40,800	56,600*	235
240	39.2	319.0	42,100	51,200*	41.6	326.4	39,200	54,400*	240
245	37.6	312.6	40,500	49,200*	40.0	320.5	37,600	52,300*	245
250	35.8	305.7	38,900	47,300*	38.3	314.2	36,200	50,200*	250
255	33.9	298.4	37,400	45,500*	36.6	307.6	34,700	48,300*	255
260	32.0	290.6	36,000	43,700*	34.8	300.5	33,400	46,400*	260
265	30.0	282.1	34,600	42,000*	32.9	292.9	32,000	44,600*	265
270	27.8	272.8	33,300	40,300*	30.9	284.6	30,800	42,900*	270
275	25.4	262.5	32,000	38,700*	28.7	275.7	29,500	41,200*	275
280	22.8	251.1	30,700	37,100*	26.5	265.9	28,300	39,500*	280
285	19.9	237.9	29,500	35,600*	24.0	255.1	27,200	38,000*	285
290	16.4	222.2	28,300	33,200*	21.2	242.7	26,000	36,400*	290
295					18.0	228.2	24,900	34,900*	295
300					14.1	210.3	23,800	32,800*	300
305					8.6	184.2	22,700	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

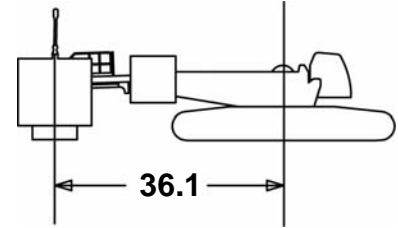
137.8 ft Boom, 275.6 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
180	61.0	382.2	57,900	71,000*									180
185	59.8	379.3	55,400	70,900*									185
190	58.5	376.3	53,000	70,700*									190
195	57.3	373.1	50,700	70,500*									195
200	56.0	369.7	48,500	70,300*									200
205	54.8	366.2	46,400	70,100*	57.7	370.2	40,900	64,600*					205
210	53.5	362.5	44,500	69,900*	56.4	366.9	39,000	64,600*					210
215	52.2	358.6	42,600	69,700*	55.2	363.4	37,300	64,600*					215
220	50.8	354.6	40,800	69,500*	53.9	359.7	35,600	64,600*					220
225	49.5	350.3	39,100	68,000*	52.6	355.9	34,100	64,600*					225
230	48.1	345.9	37,500	65,200*	51.2	351.9	32,500	64,600*					230
235	46.7	341.2	35,900	62,600*	49.9	347.7	31,100	64,600*	52.9	351.9	26,400	58,900*	235
240	45.2	336.2	34,400	60,100*	48.5	343.4	29,700	64,600*	51.5	348.0	25,100	58,900*	240
245	43.7	331.1	33,000	57,700*	47.1	338.7	28,400	63,600*	50.2	343.8	23,900	58,900*	245
250	42.1	325.6	31,600	55,400*	45.6	333.9	27,100	61,000*	48.8	339.5	22,700	58,900*	250
255	40.6	319.8	30,300	53,300*	44.1	328.7	25,900	58,600*	47.4	334.9	21,600	58,900*	255
260	38.9	313.7	29,000	51,200*	42.6	323.4	24,700	56,300*	46.0	330.1	20,500	58,900*	260
265	37.2	307.1	27,800	49,200*	41.0	317.7	23,600	54,100*	44.5	325.0	19,500	58,900*	265
270	35.4	300.2	26,600	47,300*	39.4	311.6	22,500	52,000*	43.0	319.7	18,500	57,000*	270
275	33.6	292.8	25,400	45,500*	37.7	305.2	21,400	50,000*	41.4	314.1	17,500	54,800*	275
280	31.6	284.8	24,300	43,700*	36.0	298.5	20,400	48,100*	39.8	308.1	16,500	52,700*	280
285	29.5	276.1	23,300	42,000*	34.1	291.2	19,400	46,300*	38.1	301.8	15,600	50,600*	285
290	27.3	266.7	22,200	40,400*	32.2	283.4	18,400	44,500*	36.4	295.1	14,700	48,700*	290
295	24.9	256.2	21,200	38,800*	30.2	274.9	17,500	42,700*	34.6	288.0	13,900	46,900*	295
300	22.2	244.5	20,200	37,200*	28.0	265.7	16,600	41,100*	32.7	280.3	13,100	45,100*	300
305	19.2	230.9	19,200	35,700*	25.7	255.6	15,700	39,500*	30.6	272.0	12,200	43,300*	305
310	15.7	214.4	18,300	34,200*	23.1	244.3	14,900	37,900*	28.5	263.0	11,500	41,700*	310
315	11.0	192.4	17,300	32,700*	20.2	231.3	14,000	36,400*	26.2	253.1	10,700	40,000*	315
320					16.8	215.9	13,200	34,900*	23.7	242.1	9,900	38,500*	320
325					12.6	196.1	12,300	33,400*	20.9	229.6	9,200	36,900*	325
330					5.5	162.7	11,400	31,600*	17.6	214.8	8,500	35,400*	330
335									13.6	196.3	7,700	34,000*	335
340									7.8	168.4	6,900	32,400*	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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

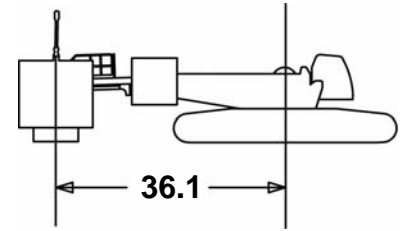
157.5 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	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	
60	67.4	237.9	309,000	371,000* <b>b</b>					60
65	63.3	235.4	280,600	355,800* <b>b</b>					65
70	59.1	232.4	256,700	323,100* <b>b</b>	66.0	235.7	246,600	368,900* <b>b</b>	70
75	54.7	228.9	236,300	296,900*	61.8	233.0	227,000	356,500* <b>b</b>	75
80	49.9	224.8	218,700	275,600*	57.5	229.9	210,100	334,900* <b>b</b>	80
85	44.8	219.9	203,300	258,000*	53.0	226.2	195,300	314,800*	85
90	39.2	214.0	189,700	243,700*	48.2	221.8	182,300	296,900*	90
95	32.7	206.6	177,500	232,100*	42.9	216.5	170,700	277,700*	95
100	24.6	196.7	166,500	220,400*	37.0	210.1	160,300	253,700*	100
105	11.6	179.5	156,200	178,700*	30.1	202.0	150,800	232,900*	105
110					21.0	190.6	142,100	214,500*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

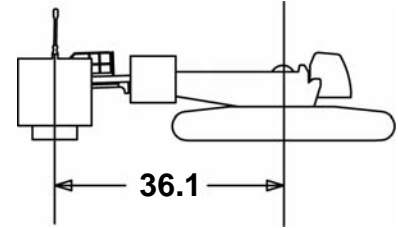
### 157.5 ft Boom, 78.7 ft Luffing Jib

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	
60													60
65													65
70													70
75													75
80													80
85													85
90	60.6	228.9	169,800	288,400*b									90
95	56.2	225.6	159,000	272,200*b									95
100	51.6	221.6	149,400	257,600*									100
105	46.6	217.0	140,700	244,300*									105
110	41.2	211.5	132,800	232,300*	54.5	219.8	123,000	225,200*					110
115	35.0	204.6	125,600	221,200*	49.8	215.6	116,400	214,600*					115
120	27.6	195.8	118,900	211,100*	44.7	210.7	110,300	204,800*					120
125	17.3	182.4	112,500	201,600*	39.0	204.7	104,700	195,800*	52.4	212.4	96,400	189,500	125
130					32.5	197.2	99,500	187,000	47.5	207.9	91,700	180,800	130
135					24.3	187.2	94,500	178,500	42.2	202.5	87,200	172,800	135
140					10.9	169.4	89,600	170,600	36.2	196.0	83,100	165,300	140
145									29.0	187.6	79,200	158,400	145
150									19.5	175.4	75,400	151,900	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  
 313,850 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	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	
65	69.0	257.2	280,500	330,800* <b>b</b>					65
70	65.8	254.9	256,600	319,900* <b>b</b>					70
75	62.6	252.4	236,200	303,500*	67.9	255.0	226,400	329,400* <b>b</b>	75
80	59.2	249.4	218,500	279,000*	64.7	252.7	209,500	319,300* <b>b</b>	80
85	55.7	246.0	203,200	258,800*	61.4	250.0	194,800	309,800*	85
90	52.0	242.2	189,700	242,000*	57.9	246.9	181,800	295,900*	90
95	48.1	237.7	177,600	227,900*	54.4	243.3	170,300	279,700*	95
100	43.9	232.7	166,900	215,900*	50.6	239.3	160,000	259,400*	100
105	39.4	226.7	157,200	205,700*	46.6	234.6	150,700	238,700*	105
110	34.4	219.7	148,400	195,400*	42.4	229.3	142,300	220,800*	110
115	28.6	211.1	140,400	182,300*	37.7	223.0	134,700	205,000*	115
120	21.3	199.5	132,900	169,500*	32.4	215.4	127,700	191,000*	120
125	8.8	178.7	125,700	141,400*	26.2	206.0	121,200	178,400*	125
130					17.9	192.6	115,000	165,200*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

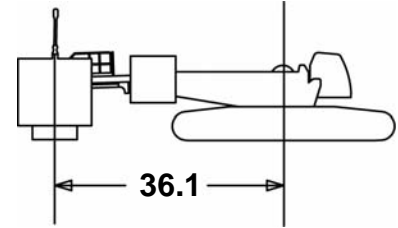
157.5 ft Boom, 98.4 ft Luffing Jib

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	
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100	60.3	245.8	148,400	256,400*									100
105	56.9	242.6	139,800	243,200*									105
110	53.3	238.9	132,000	231,300*									110
115	49.4	234.7	125,000	220,300*									115
120	45.4	229.8	118,500	210,300*	55.5	236.9	109,200	203,700*					120
125	41.0	224.2	112,500	201,100*	51.9	233.0	103,700	194,700*					125
130	36.2	217.6	107,000	192,600*	48.0	228.5	98,600	186,100					130
135	30.7	209.6	101,900	184,100	43.8	223.4	93,900	177,900					135
140	24.0	199.2	97,000	175,500*	39.3	217.5	89,600	170,300	50.1	225.5	82,000	164,300	140
145	14.4	183.6	92,400	164,000*	34.2	210.4	85,500	163,200	46.1	220.7	78,300	157,500	145
150					28.4	201.7	81,600	156,600	41.8	215.3	74,800	151,200	150
155					21.0	190.0	77,900	150,400	37.1	208.9	71,500	145,300	155
160					8.1	168.4	74,200	144,400	31.7	201.1	68,300	139,800	160
165									25.3	191.3	65,400	134,600	165
170									16.5	177.1	62,400	129,600	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  
 313,850 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	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	
70	70.1	276.4	255,600	296,600* <sup>b</sup>					70
75	67.5	274.3	235,200	287,900*					75
80	64.8	272.0	217,500	279,500*					80
85	62.0	269.3	202,200	264,500*	66.5	272.1	193,400	287,600*	85
90	59.2	266.4	188,600	245,400*	63.8	269.7	180,400	279,900*	90
95	56.3	263.1	176,600	229,300*	61.0	266.9	168,900	272,500*	95
100	53.3	259.4	165,900	215,700*	58.2	263.8	158,700	261,100*	100
105	50.2	255.2	156,300	204,000*	55.3	260.4	149,500	240,400*	105
110	46.9	250.6	147,600	193,900*	52.2	256.6	141,100	222,400*	110
115	43.4	245.4	139,700	184,400*	49.0	252.3	133,600	206,700*	115
120	39.6	239.5	132,500	172,900*	45.6	247.4	126,600	192,900*	120
125	35.5	232.7	125,800	162,500*	42.0	242.0	120,300	180,500*	125
130	30.9	224.7	119,700	153,000*	38.2	235.8	114,400	169,400*	130
135	25.6	214.9	113,900	144,400*	33.9	228.6	109,000	159,400*	135
140	18.8	201.8	108,600	133,800*	29.1	220.0	103,900	150,200*	140
145					23.4	209.3	99,200	141,700*	145
150					15.6	194.1	94,600	131,000*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

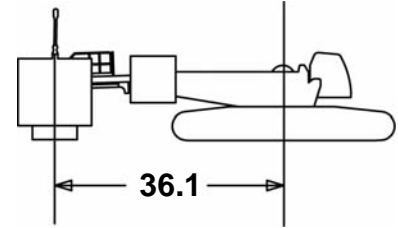
157.5 ft Boom, 118.1 ft Luffing Jib

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	
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105	63.0	265.6	138,100	241,400*									105
110	60.2	262.8	130,300	229,500*									110
115	57.3	259.6	123,300	218,700*									115
120	54.3	256.0	116,900	208,700*									120
125	51.2	252.1	111,000	199,600*									125
130	48.0	247.6	105,600	191,100*	56.2	253.9	96,800	184,500					130
135	44.6	242.6	100,600	182,900	53.2	250.2	92,100	176,300					135
140	40.9	236.9	95,900	175,100	50.1	246.0	87,800	168,700					140
145	36.9	230.5	91,600	166,800*	46.7	241.4	83,800	161,700					145
150	32.5	222.9	87,500	157,100*	43.2	236.2	80,100	155,300	51.8	242.8	72,800	149,500	150
155	27.5	213.8	83,700	148,200*	39.5	230.2	76,600	149,200	48.6	238.4	69,600	143,700	155
160	21.3	202.1	80,000	139,900*	35.4	223.4	73,300	143,500	45.2	233.6	66,600	138,300	160
165	12.3	184.1	76,400	130,700*	30.8	215.3	70,200	138,200	41.6	228.0	63,700	133,200	165
170					25.4	205.4	67,300	133,200	37.6	221.7	61,100	128,400	170
175					18.5	192.2	64,400	128,500	33.3	214.4	58,500	123,900	175
180					5.5	165.9	61,300	123,800	28.4	205.6	56,100	119,600	180
185									22.5	194.4	53,700	115,600	185
190									14.3	178.2	51,400	111,600	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  
 313,850 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	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	
75	70.8	295.5	234,500	266,100*					75
80	68.6	293.6	216,800	259,200*					80
85	66.3	291.4	201,400	252,500*					85
90	64.0	289.0	187,800	246,000*	67.8	291.4	179,400	258,800*	90
95	61.7	286.3	175,800	235,900*	65.5	289.2	167,900	252,800*	95
100	59.3	283.3	165,100	220,200*	63.2	286.6	157,600	246,800*	100
105	56.8	280.1	155,500	206,800*	60.8	283.9	148,400	241,000*	105
110	54.2	276.5	146,800	195,400*	58.4	280.8	140,100	223,500*	110
115	51.6	272.6	138,900	185,400*	55.9	277.4	132,500	207,800*	115
120	48.8	268.2	131,700	173,900*	53.3	273.7	125,600	193,800*	120
125	46.0	263.5	125,100	163,600*	50.6	269.7	119,300	181,500*	125
130	42.9	258.2	119,000	154,200*	47.8	265.2	113,500	170,400*	130
135	39.7	252.3	113,400	145,700*	44.9	260.2	108,100	160,400*	135
140	36.2	245.6	108,200	137,900*	41.8	254.7	103,200	151,400*	140
145	32.5	238.0	103,400	130,700*	38.5	248.6	98,500	143,100*	145
150	28.2	229.1	98,800	124,100*	34.9	241.6	94,200	135,600*	150
155	23.2	218.1	94,500	117,800*	31.0	233.6	90,200	128,600*	155
160	16.8	203.6	90,400	108,600*	26.5	224.0	86,300	122,100*	160
165					21.1	212.1	82,700	116,000*	165
170					13.8	195.1	79,200	106,700*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

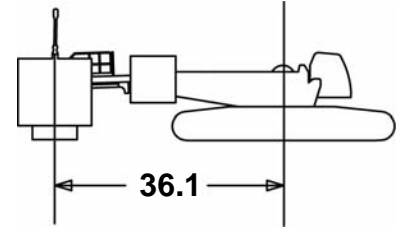
157.5 ft Boom, 137.8 ft Luffing Jib

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	
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115	62.5	282.6	122,000	217,300*									115
120	60.1	279.7	115,600	207,400*									120
125	57.6	276.6	109,700	198,300*									125
130	55.1	273.1	104,300	189,900*									130
135	52.5	269.3	99,400	181,800									135
140	49.8	265.1	94,700	174,000	56.7	270.9	86,400	167,400					140
145	46.9	260.5	90,500	166,800	54.1	267.3	82,400	160,500					145
150	44.0	255.4	86,500	158,100*	51.5	263.4	78,800	154,000					150
155	40.8	249.7	82,700	149,300*	48.7	259.0	75,300	148,000					155
160	37.5	243.3	79,200	141,300*	45.9	254.2	72,100	142,400	52.9	260.0	65,100	137,000	160
165	33.8	236.0	75,900	133,900*	42.8	248.9	69,100	137,200	50.3	255.9	62,300	131,900	165
170	29.7	227.6	72,800	127,100*	39.6	243.0	66,200	132,200	47.4	251.4	59,700	127,200	170
175	25.0	217.5	69,800	120,700*	36.1	236.3	63,500	127,600	44.5	246.3	57,200	122,700	175
180	19.2	204.5	67,000	114,700*	32.3	228.7	60,900	123,200	41.4	240.8	54,800	118,500	180
185	10.5	184.1	64,100	106,800*	28.1	219.7	58,500	119,100	38.1	234.5	52,600	114,500	185
190					23.0	208.7	56,100	115,200	34.4	227.4	50,500	110,800	190
195					16.6	193.9	53,800	111,400	30.5	219.2	48,500	107,200	195
200									25.9	209.4	46,500	103,800	200
205									20.3	197.1	44,600	100,600	205
210									12.5	178.8	42,700	97,400	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

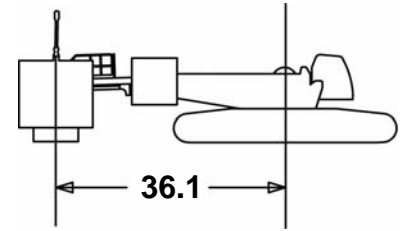
157.5 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	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	
85	69.5	312.8	200,100	229,400*					85
90	67.5	310.7	186,500	228,600*					90
95	65.5	308.4	174,500	223,400*					95
100	63.5	306.0	163,700	217,000*	66.8	308.5	156,000	220,300*	100
105	61.4	303.2	154,100	208,100*	64.8	306.2	146,800	220,300*	105
110	59.3	300.3	145,400	197,900*	62.7	303.6	138,500	217,300*	110
115	57.1	297.1	137,500	185,000*	60.6	300.8	131,000	207,200*	115
120	54.9	293.6	130,400	173,500*	58.5	297.8	124,100	193,300*	120
125	52.6	289.8	123,800	163,200*	56.3	294.5	117,800	181,000*	125
130	50.3	285.7	117,700	153,800*	54.1	290.9	112,000	169,900*	130
135	47.8	281.2	112,100	145,400*	51.8	287.0	106,700	160,000*	135
140	45.3	276.3	107,000	137,600*	49.4	282.7	101,700	151,000*	140
145	42.6	270.9	102,200	130,500*	46.9	278.1	97,100	142,800*	145
150	39.8	265.0	97,700	124,000*	44.3	273.0	92,800	135,300*	150
155	36.8	258.5	93,500	118,000*	41.6	267.5	88,800	128,400*	155
160	33.6	251.1	89,600	112,300*	38.7	261.4	85,100	122,100*	160
165	30.0	242.7	85,900	107,100*	35.7	254.6	81,600	116,200*	165
170	26.0	233.0	82,400	102,200*	32.3	246.9	78,200	110,700*	170
175	21.3	221.0	79,000	97,500*	28.6	238.0	75,100	105,600*	175
180	15.2	205.0	75,800	89,300*	24.4	227.6	72,100	100,700*	180
185					19.3	214.5	69,200	96,100*	185
190					12.2	195.7	66,400	87,900*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

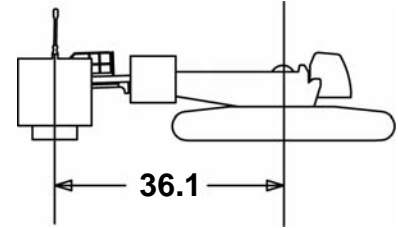
157.5 ft Boom, 157.5 ft Luffing Jib

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	
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	62.1	299.5	107,800	196,500*									125
130	60.0	296.7	102,500	188,200*									130
135	57.9	293.5	97,500	180,200									135
140	55.7	290.1	93,000	172,400									140
145	53.4	286.5	88,700	165,200									145
150	51.1	282.5	84,700	157,500*	57.1	287.9	76,800	152,300					150
155	48.7	278.1	81,000	148,800*	54.8	284.4	73,300	146,400					155
160	46.2	273.4	77,600	140,800*	52.5	280.6	70,200	140,800					160
165	43.5	268.1	74,300	133,500*	50.2	276.5	67,200	135,600					165
170	40.8	262.4	71,300	126,800*	47.7	272.0	64,300	130,700					170
175	37.8	256.1	68,400	120,600*	45.2	267.1	61,700	126,100	51.5	273.2	55,100	121,000	175
180	34.7	249.1	65,700	114,900*	42.5	261.7	59,200	121,800	49.1	268.9	52,800	116,800	180
185	31.3	241.1	63,100	109,500*	39.7	255.8	56,800	117,700	46.6	264.2	50,600	112,900	185
190	27.4	231.8	60,600	104,500*	36.7	249.2	54,500	113,800	44.0	259.1	48,600	109,200	190
195	23.0	220.7	58,200	99,700*	33.5	241.8	52,400	110,200	41.3	253.5	46,600	105,700	195
200	17.5	206.5	55,900	95,200*	29.9	233.4	50,300	106,700	38.4	247.3	44,700	102,300	200
205	8.9	183.5	53,500	88,100*	25.9	223.6	48,400	103,100*	35.2	240.4	43,000	99,200	205
210					21.1	211.5	46,400	98,400*	31.9	232.6	41,200	96,100	210
215					15.0	195.3	44,500	93,900*	28.1	223.6	39,600	93,300	215
220									23.8	212.9	38,000	90,500	220
225									18.6	199.3	36,400	87,800	225
230									11.0	179.0	34,800	85,200	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  
 313,850 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	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	
100	66.6	327.8	162,700	189,000*					100
105	64.8	325.5	153,000	188,800*	67.8	327.8	145,600	180,300*	105
110	63.0	322.9	144,300	183,400*	66.0	325.6	137,200	180,300*	110
115	61.2	320.2	136,400	176,800*	64.2	323.2	129,700	180,300*	115
120	59.3	317.2	129,200	169,800*	62.4	320.6	122,800	180,300*	120
125	57.4	314.0	122,600	162,800*	60.5	317.8	116,500	176,500*	125
130	55.4	310.6	116,600	153,700*	58.6	314.7	110,700	169,800*	130
135	53.4	306.9	111,000	145,200*	56.7	311.5	105,400	159,800*	135
140	51.4	303.0	105,900	137,400*	54.7	308.0	100,500	150,800*	140
145	49.2	298.7	101,100	130,300*	52.7	304.2	95,900	142,600*	145
150	47.0	294.1	96,600	123,800*	50.6	300.1	91,600	135,000*	150
155	44.7	289.1	92,500	117,800*	48.4	295.7	87,600	128,200*	155
160	42.4	283.7	88,600	112,200*	46.2	291.0	83,900	121,800*	160
165	39.9	277.8	84,900	107,000*	43.9	285.8	80,400	116,000*	165
170	37.2	271.3	81,500	102,200*	41.5	280.2	77,100	110,500*	170
175	34.4	264.1	78,200	97,600*	38.9	274.1	74,000	105,500*	175
180	31.3	256.1	75,100	93,400*	36.2	267.4	71,100	100,700*	180
185	28.0	247.1	72,200	89,300*	33.3	260.0	68,300	96,300*	185
190	24.2	236.5	69,400	85,500*	30.2	251.7	65,700	92,100*	190
195	19.7	223.5	66,800	81,800*	26.7	242.1	63,200	88,200*	195
200	13.8	206.0	64,200	74,400*	22.7	230.8	60,800	84,400*	200
205					17.8	216.6	58,400	80,800*	205
210					10.9	195.8	56,100	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

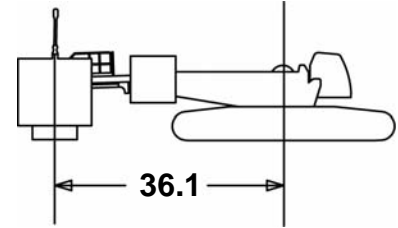
157.5 ft Boom, 177.2 ft Luffing Jib

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	
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135	61.8	316.5	96,100	165,600*									135
140	59.9	313.6	91,500	165,600*									140
145	58.0	310.5	87,300	164,000									145
150	56.1	307.2	83,300	157,300*									150
155	54.1	303.6	79,600	148,500*									155
160	52.1	299.7	76,200	140,500*	57.3	304.9	68,600	139,400					160
165	50.0	295.5	73,000	133,200*	55.4	301.5	65,600	134,200					165
170	47.8	291.0	69,900	126,500*	53.4	297.8	62,800	129,400					170
175	45.5	286.2	67,100	120,300*	51.3	293.8	60,200	124,800					175
180	43.2	280.9	64,400	114,600*	49.2	289.5	57,700	120,500					180
185	40.7	275.2	61,800	109,300*	47.0	284.9	55,400	116,400	52.4	290.4	49,000	111,500	185
190	38.1	268.9	59,400	104,400*	44.7	279.9	53,100	112,600	50.3	286.3	47,000	107,800	190
195	35.4	262.0	57,100	99,700*	42.3	274.4	51,000	109,000	48.2	281.9	45,100	104,400	195
200	32.4	254.3	54,900	95,400*	39.8	268.5	49,000	105,500	45.9	277.1	43,200	101,000	200
205	29.2	245.6	52,800	91,300*	37.1	262.0	47,100	102,300	43.6	271.9	41,500	97,900	205
210	25.5	235.6	50,800	87,400*	34.3	254.9	45,300	98,400*	41.2	266.2	39,800	94,900	210
215	21.3	223.6	48,800	83,700*	31.2	246.8	43,500	94,200*	38.6	260.1	38,200	92,100	215
220	16.1	208.1	46,900	80,100*	27.9	237.7	41,800	90,200*	35.9	253.3	36,700	89,400	220
225	7.6	182.3	44,900	73,600*	24.1	227.1	40,200	86,400*	32.9	245.7	35,200	86,800	225
230					19.6	214.0	38,600	82,700*	29.7	237.3	33,800	84,300	230
235					13.6	196.2	37,000	79,200*	26.2	227.5	32,400	81,900	235
240									22.1	215.9	31,100	79,600	240
245									17.1	201.2	29,700	77,400	245
250									9.6	178.7	28,400	75,200	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  
 313,850 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	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	
115	64.3	342.5	134,900	156,400*	67.0	345.0	128,000	149,400*	115
120	62.7	339.9	127,700	153,300*	65.4	342.7	121,100	149,400*	120
125	61.0	337.1	121,200	148,100*	63.7	340.2	114,800	149,400*	125
130	59.3	334.2	115,100	142,800*	62.1	337.6	109,100	149,400*	130
135	57.6	331.0	109,500	137,600*	60.4	334.7	103,700	146,800*	135
140	55.8	327.7	104,400	132,600*	58.7	331.7	98,800	141,700*	140
145	54.1	324.0	99,600	127,700*	57.0	328.5	94,200	136,700*	145
150	52.2	320.2	95,100	122,700*	55.2	325.0	90,000	131,700*	150
155	50.3	316.1	91,000	116,700*	53.4	321.3	86,000	126,800*	155
160	48.4	311.7	87,100	111,200*	51.5	317.4	82,300	120,700*	160
165	46.4	307.0	83,500	106,000*	49.6	313.1	78,800	114,900*	165
170	44.3	301.9	80,100	101,200*	47.7	308.6	75,600	109,500*	170
175	42.2	296.4	76,800	96,700*	45.7	303.8	72,500	104,400*	175
180	39.9	290.5	73,800	92,500*	43.6	298.6	69,600	99,700*	180
185	37.5	284.1	70,900	88,500*	41.4	293.0	66,800	95,400*	185
190	35.0	277.1	68,200	84,800*	39.1	286.9	64,200	91,300*	190
195	32.4	269.4	65,600	81,300*	36.7	280.3	61,800	87,400*	195
200	29.5	260.8	63,100	78,000*	34.1	273.0	59,400	83,700*	200
205	26.3	251.0	60,800	74,800*	31.4	265.0	57,200	80,300*	205
210	22.7	239.6	58,500	71,700*	28.4	256.1	55,000	77,000*	210
215	18.3	225.7	56,300	68,600*	25.0	245.8	53,000	73,900*	215
220	12.6	206.7	54,100	61,900*	21.2	233.6	51,000	70,900*	220
225					16.5	218.4	49,000	68,000*	225
230					9.7	195.6	47,100	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

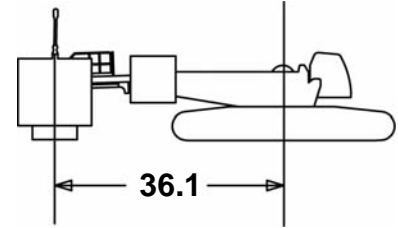
157.5 ft Boom, 196.9 ft Luffing Jib

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	
115													115
120													120
125													125
130													130
135													135
140													140
145	61.6	333.5	85,400	136,500*									145
150	59.9	330.6	81,400	136,500*									150
155	58.2	327.5	77,800	136,500*									155
160	56.4	324.2	74,300	135,000*									160
165	54.7	320.7	71,100	130,400*									165
170	52.8	316.9	68,100	125,300*	57.5	321.9	60,800	122,900*					170
175	51.0	312.9	65,300	119,200*	55.8	318.5	58,200	122,900*					175
180	49.1	308.6	62,600	113,500*	54.0	314.9	55,700	118,900					180
185	47.1	304.0	60,100	108,200*	52.2	311.0	53,400	114,800					185
190	45.0	299.0	57,700	103,300*	50.3	306.9	51,200	111,000					190
195	42.9	293.7	55,400	98,700*	48.3	302.5	49,100	107,400					195
200	40.7	287.9	53,200	94,400*	46.3	297.7	47,100	104,000	51.3	303.6	41,100	99,300	200
205	38.4	281.7	51,200	90,400*	44.2	292.6	45,200	100,700	49.4	299.4	39,400	96,200	205
210	35.9	274.9	49,200	86,600*	42.1	287.2	43,400	97,400*	47.4	294.8	37,800	93,300	210
215	33.3	267.5	47,300	83,000*	39.8	281.3	41,700	93,200*	45.4	289.9	36,200	90,400	215
220	30.5	259.2	45,500	79,600*	37.5	274.8	40,100	89,200*	43.3	284.7	34,700	87,700	220
225	27.4	249.9	43,800	76,400*	35.0	267.8	38,500	85,500*	41.1	279.0	33,300	85,200	225
230	23.9	239.1	42,100	73,300*	32.3	260.1	37,000	82,000*	38.8	272.9	31,900	82,700	230
235	19.9	226.2	40,500	70,400*	29.4	251.4	35,500	78,700*	36.3	266.2	30,600	80,400	235
240	14.8	209.4	38,900	67,500*	26.2	241.6	34,100	75,600*	33.8	258.8	29,300	78,100	240
245	6.2	180.4	37,200	61,300*	22.5	230.2	32,700	72,500*	31.0	250.7	28,100	76,000	245
250					18.2	216.2	31,400	69,600*	28.0	241.6	26,900	73,900	250
255					12.4	196.9	30,000	66,700*	24.6	231.1	25,700	71,900	255
260									20.7	218.6	24,600	69,900	260
265									15.8	202.8	23,400	68,100	265
270									8.4	177.9	22,200	65,700*	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  
 313,850 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	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
130	62.4	356.9	113,500	129,600*	64.8	359.7	107,300	124,900*	130
135	60.9	354.1	107,900	129,200*	63.3	357.2	102,000	124,900*	135
140	59.3	351.1	102,700	125,600*	61.8	354.5	97,000	124,900*	140
145	57.8	348.0	97,900	121,600*	60.3	351.7	92,500	124,900*	145
150	56.2	344.7	93,500	117,500*	58.8	348.7	88,200	124,900*	150
155	54.6	341.1	89,400	113,300*	57.2	345.5	84,300	123,100*	155
160	52.9	337.4	85,500	109,100*	55.6	342.0	80,600	118,600*	160
165	51.2	333.4	81,800	104,300*	54.0	338.4	77,100	113,000*	165
170	49.5	329.1	78,400	99,800*	52.3	334.6	73,800	107,800*	170
175	47.7	324.6	75,200	95,300*	50.6	330.5	70,800	103,000*	175
180	45.9	319.8	72,200	91,100*	48.8	326.2	67,900	98,300*	180
185	44.0	314.7	69,300	87,200*	47.0	321.5	65,100	94,000*	185
190	42.0	309.2	66,600	83,500*	45.2	316.6	62,500	89,900*	190
195	40.0	303.3	64,000	80,000*	43.3	311.4	60,100	86,100*	195
200	37.8	296.9	61,600	76,800*	41.3	305.7	57,800	82,500*	200
205	35.6	290.0	59,300	73,700*	39.2	299.7	55,500	79,100*	205
210	33.2	282.5	57,100	70,700*	37.0	293.1	53,400	75,800*	210
215	30.6	274.3	54,900	67,900*	34.7	286.0	51,400	72,800*	215
220	27.9	265.1	52,900	65,300*	32.3	278.3	49,500	69,900*	220
225	24.8	254.7	50,900	62,700*	29.7	269.7	47,600	67,200*	225
230	21.3	242.5	49,100	60,200*	26.8	260.1	45,900	64,500*	230
235	17.2	227.6	47,200	57,100*	23.6	249.2	44,100	62,000*	235
240	11.6	207.1	45,400	51,300*	19.9	236.2	42,500	59,600*	240
245					15.4	219.8	40,800	57,100*	245
250					8.7	194.9	39,100	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

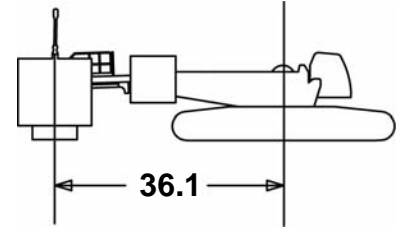
157.5 ft Boom, 216.5 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
130													130
135													135
140													140
145													145
150	62.9	353.1	79,500	113,600*									150
155	61.4	350.4	75,900	113,600*									155
160	59.9	347.5	72,400	113,600*									160
165	58.3	344.5	69,200	113,600*									165
170	56.7	341.2	66,200	113,600*									170
175	55.1	337.7	63,400	113,600*									175
180	53.5	334.0	60,700	111,800*	57.7	338.9	53,700	103,700*					180
185	51.8	330.1	58,200	106,800*	56.1	335.5	51,400	103,700*					185
190	50.1	326.0	55,800	101,900*	54.5	332.0	49,200	103,700*					190
195	48.3	321.5	53,600	97,300*	52.9	328.2	47,100	103,700*					195
200	46.5	316.8	51,400	93,000*	51.2	324.2	45,200	102,300					200
205	44.6	311.8	49,400	89,000*	49.4	319.9	43,300	99,100					205
210	42.7	306.4	47,400	85,200*	47.6	315.4	41,500	95,900*	52.1	320.8	35,700	91,600	210
215	40.7	300.7	45,600	81,700*	45.8	310.6	39,800	91,700*	50.4	316.7	34,200	88,800	215
220	38.5	294.5	43,800	78,400*	43.9	305.4	38,200	87,800*	48.6	312.4	32,700	86,100	220
225	36.3	287.8	42,100	75,200*	41.9	299.9	36,600	84,200*	46.8	307.7	31,300	83,500	225
230	34.0	280.5	40,500	72,200*	39.9	294.0	35,100	80,700*	44.9	302.7	29,900	81,100	230
235	31.5	272.5	38,900	69,400*	37.7	287.6	33,700	77,500*	43.0	297.4	28,600	78,800	235
240	28.8	263.7	37,400	66,700*	35.5	280.7	32,300	74,400*	41.0	291.7	27,400	76,500	240
245	25.9	253.7	35,900	64,100*	33.1	273.2	31,000	71,400*	38.9	285.6	26,200	74,400	245
250	22.6	242.2	34,500	61,600*	30.5	265.0	29,700	68,600*	36.7	279.0	25,000	72,300	250
255	18.7	228.4	33,100	59,200*	27.8	255.7	28,500	66,000*	34.4	271.9	23,900	70,400	255
260	13.7	210.4	31,800	56,800*	24.7	245.3	27,300	63,400*	32.0	264.0	22,800	68,500	260
265	4.9	177.5	30,300	50,700*	21.2	233.1	26,100	61,000*	29.3	255.3	21,800	66,600	265
270					17.0	218.0	25,000	58,600*	26.4	245.6	20,700	64,900	270
275					11.3	197.2	23,800	56,200*	23.2	234.4	19,700	62,600*	275
280									19.4	221.1	18,800	60,200*	280
285									14.7	204.1	17,800	57,800*	285
290									7.3	176.6	16,700	55,300*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

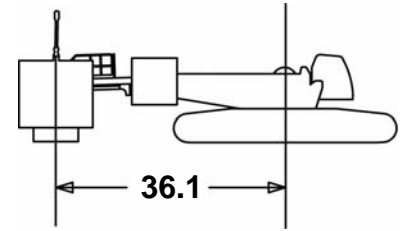
157.5 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	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	
145	60.8	371.1	96,400	107,800*	63.0	374.2	90,800	104,900*	145
150	59.3	368.1	92,000	107,300*	61.7	371.5	86,600	104,700*	150
155	57.9	365.0	87,800	105,300*	60.3	368.6	82,600	104,400*	155
160	56.5	361.7	84,000	102,200*	58.8	365.6	78,900	104,200*	160
165	55.0	358.2	80,300	99,000*	57.4	362.4	75,400	103,900*	165
170	53.5	354.5	76,900	95,800*	55.9	359.1	72,200	103,600*	170
175	51.9	350.6	73,700	92,600*	54.4	355.5	69,100	101,400*	175
180	50.4	346.5	70,700	89,400*	52.9	351.7	66,300	97,000*	180
185	48.8	342.1	67,800	86,300*	51.4	347.8	63,500	92,800*	185
190	47.1	337.5	65,100	82,600*	49.8	343.6	61,000	88,900*	190
195	45.4	332.6	62,600	79,100*	48.2	339.1	58,500	85,100*	195
200	43.7	327.4	60,200	75,800*	46.5	334.4	56,200	81,500*	200
205	41.9	321.9	57,800	72,700*	44.8	329.4	54,000	78,100*	205
210	40.0	316.0	55,600	69,700*	43.0	324.1	51,900	74,800*	210
215	38.0	309.7	53,600	67,000*	41.2	318.5	49,900	71,800*	215
220	36.0	302.9	51,500	64,300*	39.3	312.4	48,000	68,900*	220
225	33.8	295.6	49,600	61,800*	37.3	306.0	46,200	66,200*	225
230	31.5	287.6	47,800	59,300*	35.2	299.0	44,400	63,500*	230
235	29.1	278.8	46,000	57,000*	33.0	291.4	42,700	61,100*	235
240	26.4	269.1	44,300	54,800*	30.7	283.2	41,100	58,700*	240
245	23.5	258.0	42,700	52,700*	28.2	274.1	39,600	56,400*	245
250	20.1	245.1	41,100	50,600*	25.4	263.9	38,100	54,200*	250
255	16.1	229.3	39,500	47,500*	22.4	252.3	36,600	52,100*	255
260	10.6	207.1	38,000	42,400*	18.8	238.5	35,200	50,000*	260
265					14.4	221.0	33,800	47,600*	265
270					7.7	193.8	32,300	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

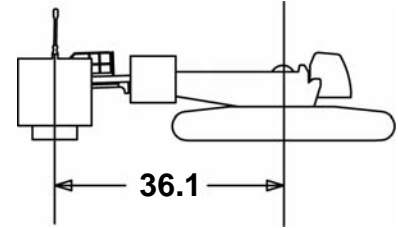
157.5 ft Boom, 236.2 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
145													145
150													150
155													155
160	62.6	370.1	70,600	95,800*									160
165	61.2	367.4	67,400	95,800*									165
170	59.8	364.5	64,400	95,800*									170
175	58.4	361.4	61,600	95,800*									175
180	57.0	358.2	58,900	95,800*									180
185	55.5	354.8	56,400	95,800*									185
190	54.0	351.1	54,000	95,800*	57.9	355.8	47,200	87,100*					190
195	52.5	347.3	51,800	95,800*	56.4	352.5	45,200	87,100*					195
200	50.9	343.3	49,700	92,000*	54.9	349.0	43,200	87,100*					200
205	49.3	339.0	47,600	88,000*	53.4	345.3	41,400	87,100*					205
210	47.7	334.5	45,700	84,200*	51.9	341.4	39,600	87,100*					210
215	46.0	329.7	43,900	80,700*	50.3	337.3	37,900	87,100*					215
220	44.3	324.6	42,100	77,300*	48.7	332.9	36,300	86,800*	52.7	338.0	30,700	79,800*	220
225	42.5	319.2	40,400	74,200*	47.1	328.3	34,800	83,100*	51.2	334.0	29,300	79,800*	225
230	40.6	313.4	38,800	71,200*	45.4	323.4	33,300	79,600*	49.6	329.8	27,900	79,500	230
235	38.7	307.3	37,300	68,300*	43.6	318.2	31,900	76,400*	48.0	325.3	26,600	77,200	235
240	36.7	300.6	35,800	65,600*	41.8	312.7	30,600	73,300*	46.3	320.6	25,400	75,000	240
245	34.6	293.5	34,400	63,100*	39.9	306.8	29,300	70,300*	44.6	315.5	24,200	72,800	245
250	32.3	285.7	33,000	60,600*	38.0	300.4	28,000	67,500*	42.8	310.2	23,100	70,800	250
255	30.0	277.3	31,700	58,300*	35.9	293.6	26,800	64,900*	41.0	304.5	22,000	68,900	255
260	27.4	267.9	30,400	56,000*	33.8	286.3	25,700	62,400*	39.0	298.4	21,000	67,000	260
265	24.5	257.3	29,200	53,800*	31.5	278.3	24,500	60,000*	37.0	291.9	19,900	65,200	265
270	21.3	245.1	28,000	51,700*	29.0	269.5	23,400	57,700*	35.0	284.8	19,000	63,400	270
275	17.6	230.5	26,800	49,700*	26.4	259.7	22,400	55,500*	32.7	277.2	18,000	61,500*	275
280	12.8	211.2	25,600	47,700*	23.4	248.6	21,400	53,300*	30.4	268.8	17,100	59,100*	280
285	3.4	172.8	24,300	41,500*	20.0	235.6	20,400	51,300*	27.8	259.6	16,200	56,900*	285
290					16.0	219.6	19,400	49,200*	25.0	249.3	15,300	54,700*	290
295					10.4	197.2	18,300	47,200*	21.9	237.4	14,500	52,600*	295
300									18.3	223.3	13,600	50,600*	300
305									13.7	205.1	12,800	48,600*	305
310									6.2	174.7	11,800	46,400*	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  
 313,850 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	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	
165	58.0	382.0	78,900	89,500*	60.2	385.6	74,000	87,600*	165
170	56.7	378.7	75,500	89,000*	58.9	382.6	70,700	87,300*	170
175	55.3	375.2	72,300	86,600*	57.6	379.4	67,700	87,000*	175
180	54.0	371.6	69,300	84,100*	56.2	376.1	64,800	86,700*	180
185	52.6	367.8	66,500	81,600*	54.8	372.6	62,100	86,400*	185
190	51.1	363.8	63,800	79,100*	53.5	368.9	59,500	86,100*	190
195	49.7	359.6	61,200	76,600*	52.0	365.0	57,100	83,300*	195
200	48.2	355.1	58,800	74,300*	50.6	360.9	54,800	79,900*	200
205	46.6	350.4	56,500	71,200*	49.1	356.6	52,600	76,500*	205
210	45.0	345.5	54,300	68,300*	47.6	352.1	50,500	73,300*	210
215	43.4	340.2	52,200	65,500*	46.1	347.3	48,500	70,300*	215
220	41.7	334.7	50,200	62,900*	44.5	342.2	46,600	67,400*	220
225	40.0	328.8	48,300	60,400*	42.8	336.9	44,800	64,700*	225
230	38.2	322.5	46,500	58,100*	41.1	331.2	43,000	62,200*	230
235	36.3	315.8	44,800	55,800*	39.4	325.2	41,400	59,700*	235
240	34.4	308.6	43,100	53,700*	37.6	318.8	39,800	57,400*	240
245	32.3	300.8	41,500	51,600*	35.7	311.9	38,300	55,200*	245
250	30.1	292.4	39,900	49,600*	33.7	304.5	36,800	53,100*	250
255	27.8	283.1	38,400	47,700*	31.5	296.5	35,400	51,100*	255
260	25.2	272.8	37,000	45,900*	29.3	287.8	34,000	49,100*	260
265	22.4	261.1	35,600	44,100*	26.9	278.2	32,700	47,200*	265
270	19.1	247.5	34,200	42,300*	24.2	267.4	31,400	45,400*	270
275	15.2	230.7	32,900	39,300*	21.2	255.1	30,100	43,600*	275
280					17.8	240.6	28,900	41,900*	280
285					13.5	222.0	27,700	39,400*	285
290					6.7	192.2	26,400	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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

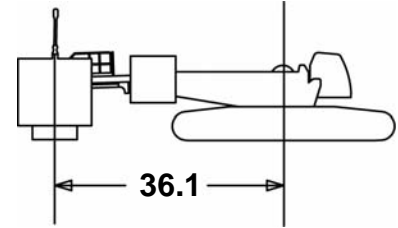
157.5 ft Boom, 255.9 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
165													165
170	62.4	387.1	62,800	80,800*									170
175	61.1	384.3	60,000	80,800*									175
180	59.8	381.4	57,300	80,800*									180
185	58.5	378.4	54,800	80,800*									185
190	57.2	375.2	52,500	80,800*									190
195	55.8	371.8	50,200	80,800*									195
200	54.4	368.2	48,100	80,800*	58.0	372.8	41,500	73,200*					200
205	53.0	364.5	46,100	80,800*	56.7	369.5	39,700	73,200*					205
210	51.6	360.5	44,200	80,800*	55.3	366.1	37,900	73,200*					210
215	50.2	356.4	42,300	79,000*	53.9	362.4	36,300	73,200*					215
220	48.7	352.0	40,600	75,700*	52.5	358.6	34,700	73,200*					220
225	47.1	347.4	38,900	72,600*	51.1	354.6	33,200	73,200*					225
230	45.6	342.5	37,300	69,700*	49.6	350.4	31,700	73,200*					230
235	44.0	337.4	35,800	66,900*	48.1	345.9	30,300	73,200*	51.9	351.3	24,900	67,500*	235
240	42.3	331.9	34,300	64,200*	46.6	341.2	29,000	71,700*	50.4	347.1	23,700	67,500*	240
245	40.6	326.2	32,900	61,700*	45.0	336.2	27,700	68,800*	48.9	342.8	22,600	67,500*	245
250	38.8	320.0	31,600	59,300*	43.4	331.0	26,400	66,100*	47.4	338.2	21,400	67,500*	250
255	37.0	313.5	30,300	57,000*	41.7	325.4	25,300	63,500*	45.9	333.4	20,400	67,500*	255
260	35.1	306.4	29,000	54,800*	40.0	319.5	24,100	61,000*	44.3	328.3	19,300	65,600	260
265	33.0	298.9	27,800	52,700*	38.2	313.2	23,000	58,700*	42.6	322.9	18,300	63,800	265
270	30.9	290.7	26,700	50,700*	36.3	306.5	22,000	56,400*	40.9	317.2	17,400	62,100	270
275	28.6	281.7	25,500	48,800*	34.3	299.3	20,900	54,300*	39.1	311.1	16,400	60,100*	275
280	26.1	271.8	24,400	46,900*	32.2	291.5	19,900	52,200*	37.3	304.7	15,500	57,800*	280
285	23.4	260.6	23,400	45,100*	30.0	283.0	19,000	50,200*	35.4	297.7	14,700	55,600*	285
290	20.3	247.8	22,300	43,300*	27.7	273.7	18,000	48,300*	33.4	290.3	13,800	53,500*	290
295	16.6	232.2	21,300	41,600*	25.1	263.4	17,100	46,500*	31.3	282.2	13,000	51,500*	295
300	11.9	211.7	20,200	39,900*	22.3	251.7	16,200	44,700*	29.0	273.4	12,200	49,600*	300
305					19.0	238.0	15,300	42,900*	26.5	263.6	11,400	47,700*	305
310					15.0	221.0	14,500	41,200*	23.8	252.7	10,600	45,900*	310
315					9.5	196.9	13,600	39,500*	20.8	240.2	9,900	44,100*	315
320									17.3	225.2	9,200	42,400*	320
325									12.8	205.9	8,400	40,700*	325
330									5.2	172.0	7,500	38,800*	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  
 313,850 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	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	
185	55.6	392.3	64,800	73,400*	57.7	396.4	60,300	72,400*	185
190	54.4	388.7	62,100	72,900*	56.5	393.1	57,700	72,000*	190
195	53.1	385.0	59,500	71,800*	55.2	389.6	55,300	71,600*	195
200	51.7	381.0	57,100	69,900*	53.9	386.0	53,000	71,300*	200
205	50.4	376.9	54,800	67,900*	52.6	382.2	50,800	70,900*	205
210	49.0	372.6	52,700	66,100*	51.3	378.2	48,700	70,600*	210
215	47.6	368.1	50,600	64,000*	49.9	374.0	46,700	68,700*	215
220	46.2	363.3	48,600	61,400*	48.5	369.6	44,900	65,900*	220
225	44.7	358.3	46,700	58,900*	47.1	365.0	43,000	63,200*	225
230	43.2	353.0	44,900	56,600*	45.7	360.1	41,300	60,700*	230
235	41.6	347.4	43,100	54,400*	44.2	355.0	39,700	58,200*	235
240	40.0	341.5	41,500	52,200*	42.7	349.6	38,100	55,900*	240
245	38.4	335.3	39,900	50,200*	41.1	344.0	36,600	53,700*	245
250	36.6	328.6	38,400	48,200*	39.5	337.9	35,100	51,600*	250
255	34.8	321.5	36,900	46,300*	37.8	331.6	33,700	49,600*	255
260	33.0	314.0	35,500	44,500*	36.0	324.8	32,400	47,700*	260
265	31.0	305.8	34,100	42,800*	34.2	317.5	31,100	45,800*	265
270	28.8	296.9	32,800	41,100*	32.3	309.7	29,800	44,100*	270
275	26.6	287.1	31,500	39,500*	30.2	301.3	28,600	42,300*	275
280	24.1	276.3	30,200	37,900*	28.0	292.1	27,400	40,700*	280
285	21.3	264.0	29,000	36,300*	25.7	282.0	26,300	39,000*	285
290	18.2	249.7	27,800	34,800*	23.1	270.7	25,200	37,500*	290
295	14.3	231.9	26,700	31,800*	20.3	257.8	24,100	35,900*	295
300					16.9	242.4	23,000	34,400*	300
305					12.7	222.7	21,900	32,000*	305
310					5.8	190.0	20,800	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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

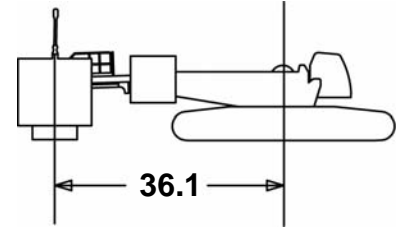
157.5 ft Boom, 275.6 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
185	61.0	401.3	52,800	67,900*									185
190	59.8	398.4	50,500	67,900*									190
195	58.6	395.4	48,300	67,800*									195
200	57.3	392.1	46,100	67,700*									200
205	56.1	388.8	44,100	67,600*									205
210	54.8	385.3	42,200	67,500*									210
215	53.5	381.6	40,400	67,400*	56.9	386.5	34,200	61,600*					215
220	52.2	377.7	38,700	67,300*	55.6	383.1	32,600	61,600*					220
225	50.9	373.7	37,000	67,200*	54.3	379.5	31,100	61,600*					225
230	49.5	369.4	35,400	67,100*	53.0	375.8	29,700	61,600*					230
235	48.1	365.0	33,900	65,300*	51.7	371.8	28,300	61,600*					235
240	46.7	360.3	32,500	62,600*	50.4	367.7	27,000	61,600*					240
245	45.2	355.4	31,100	60,100*	49.0	363.4	25,700	61,600*	52.4	368.5	20,400	56,200*	245
250	43.7	350.2	29,700	57,800*	47.6	358.9	24,500	61,600*	51.1	364.4	19,300	56,200*	250
255	42.2	344.7	28,500	55,500*	46.1	354.1	23,300	61,600*	49.7	360.2	18,300	56,200*	255
260	40.6	338.9	27,200	53,300*	44.7	349.0	22,200	59,400*	48.3	355.8	17,200	56,200*	260
265	38.9	332.8	26,000	51,200*	43.2	343.8	21,100	57,100*	46.9	351.1	16,300	56,200*	265
270	37.2	326.3	24,900	49,300*	41.6	338.2	20,000	54,900*	45.5	346.3	15,300	56,200*	270
275	35.5	319.4	23,800	47,400*	40.0	332.3	19,000	52,700*	44.0	341.1	14,400	56,200*	275
280	33.6	311.9	22,700	45,500*	38.3	326.0	18,100	50,700*	42.4	335.7	13,500	56,200*	280
285	31.6	304.0	21,700	43,800*	36.6	319.4	17,100	48,800*	40.9	330.0	12,700	54,100*	285
290	29.6	295.3	20,700	42,100*	34.8	312.3	16,200	46,900*	39.2	323.9	11,800	52,000*	290
295	27.4	285.9	19,700	40,400*	32.9	304.6	15,300	45,100*	37.5	317.5	11,000	50,000*	295
300	24.9	275.5	18,700	38,800*	30.9	296.4	14,500	43,300*	35.8	310.6	10,300	48,100*	300
305	22.3	263.7	17,800	37,200*	28.8	287.5	13,600	41,700*	33.9	303.3	9,500	46,200*	305
310	19.3	250.2	16,900	35,700*	26.5	277.7	12,800	40,000*	32.0	295.4	8,800	44,500*	310
315	15.7	233.8	16,000	34,200*	24.0	266.9	12,000	38,400*	29.9	286.9	8,100	42,800*	315
320	11.1	211.9	15,100	32,700*	21.2	254.6	11,200	36,900*	27.7	277.6	7,400	41,100*	320
325					18.1	240.1	10,400	35,400*	25.4	267.4	6,700	39,500*	325
330					14.2	222.2	9,700	33,900*	22.8	255.9	6,000	38,000*	330
335					8.7	196.2	8,900	32,400*	19.8	242.7	5,300	36,400*	335
340									16.4	227.0	4,700	34,900*	340
345									12.0	206.4	4,000	33,500*	345
350									4.0	168.2	3,200	31,800*	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  
313,850 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	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	
60	69.3	258.5	307,500	370,500 <sup>c</sup>					60
65	65.3	256.2	279,200	352,500 <sup>b</sup>					65
70	61.2	253.5	255,300	325,100 <sup>b</sup>					70
75	56.8	250.2	235,000	298,700 <sup>b</sup>	64.7	254.3	224,100	349,600 <sup>b</sup>	75
80	52.2	246.4	217,500	277,000 <sup>*</sup>	60.5	251.5	207,400	331,700 <sup>b</sup>	80
85	47.3	241.9	202,100	259,300 <sup>*</sup>	56.1	248.1	192,800	311,900 <sup>b</sup>	85
90	42.0	236.5	188,600	244,700 <sup>*</sup>	51.5	244.2	179,900	294,100 <sup>*</sup>	90
95	36.0	229.9	176,500	233,000 <sup>*</sup>	46.5	239.6	168,400	278,000 <sup>*</sup>	95
100	28.8	221.4	165,600	224,200 <sup>*</sup>	41.1	234.0	158,200	263,000 <sup>*</sup>	100
105	19.1	209.0	155,600	202,700 <sup>*</sup>	34.9	227.2	148,900	246,800 <sup>*</sup>	105
110					27.5	218.3	140,400	226,900 <sup>*</sup>	110
115					17.1	204.9	132,500	202,200 <sup>*</sup>	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

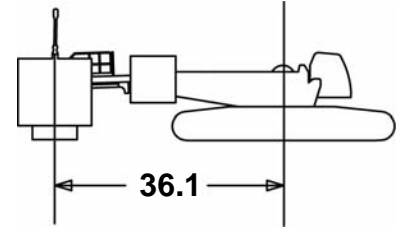
177.2 ft Boom, 78.7 ft Luffing Jib

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	
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95	60.6	247.9	154,700	268,300*b									95
100	56.3	244.6	145,300	253,900*b									100
105	51.7	240.7	136,900	240,800*									105
110	46.7	236.1	129,200	229,000*									110
115	41.3	230.6	122,200	218,100*	56.1	239.6	111,300	210,300*b					115
120	35.2	223.8	115,700	208,200*	51.5	235.6	105,500	200,800*					120
125	27.8	215.0	109,800	198,900*	46.5	231.0	100,100	192,000*					125
130	17.5	201.8	104,000	190,300*	41.0	225.4	95,200	183,400					130
135					34.9	218.5	90,500	175,300	50.8	228.8	81,800	168,400	135
140					27.4	209.6	86,200	167,700	45.8	224.1	77,900	161,200	140
145					16.9	196.1	81,900	160,500	40.2	218.3	74,300	154,500	145
150									33.9	211.2	70,800	148,200	150
155									26.2	201.9	67,600	142,400	155
160									14.8	187.1	64,300	136,700	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

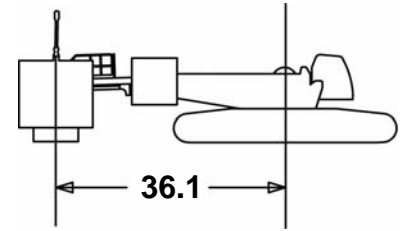
177.2 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	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	
65	70.5	277.7	278,900	333,300*b					65
70	67.4	275.6	255,100	319,300*b					70
75	64.1	273.2	234,700	304,500*b					75
80	60.8	270.4	217,200	279,800*	66.9	273.7	206,700	317,800*b	80
85	57.4	267.2	201,900	259,600*	63.6	271.2	192,100	304,700*b	85
90	53.8	263.6	188,400	242,800*	60.3	268.4	179,200	291,900*	90
95	50.0	259.5	176,500	228,600*	56.8	265.2	167,900	277,100*	95
100	46.0	254.7	165,800	216,600*	53.2	261.5	157,700	262,100*	100
105	41.7	249.2	156,100	206,500*	49.4	257.2	148,600	248,700*	105
110	36.9	242.8	147,400	198,100*	45.3	252.4	140,300	232,800*	110
115	31.5	235.0	139,400	188,400*	41.0	246.8	132,700	215,600*	115
120	25.1	225.1	132,100	176,000*	36.1	240.1	125,800	200,400*	120
125	16.2	210.6	125,200	155,400*	30.6	232.1	119,400	186,900*	125
130					23.9	221.7	113,500	174,600*	130
135					14.3	205.9	107,800	155,500*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

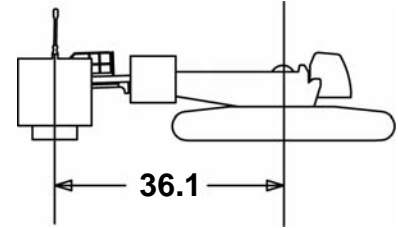
177.2 ft Boom, 98.4 ft Luffing Jib

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	
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105	60.4	264.9	135,800	239,600*									105
110	56.9	261.7	128,200	227,800*									110
115	53.3	258.0	121,300	217,100*									115
120	49.5	253.8	115,000	207,200*									120
125	45.5	248.9	109,200	198,100*	56.8	256.6	98,900	190,800*					125
130	41.1	243.3	103,900	189,800*	53.2	252.9	94,100	182,400					130
135	36.3	236.7	98,900	181,600	49.4	248.6	89,600	174,300					135
140	30.8	228.8	94,300	173,800	45.3	243.8	85,400	166,900					140
145	24.1	218.5	89,900	166,500	40.9	238.1	81,500	159,900	52.6	246.1	73,000	153,300	145
150	14.7	203.0	85,700	159,700	36.1	231.5	77,800	153,500	48.8	241.8	69,700	147,200	150
155					30.5	223.4	74,400	147,500	44.7	236.8	66,600	141,500	155
160					23.8	213.0	71,100	141,900	40.3	231.1	63,700	136,100	160
165					14.1	197.1	67,800	136,500	35.3	224.3	61,000	131,100	165
170									29.7	215.9	58,300	126,300	170
175									22.7	205.1	55,800	121,800	175
180									12.1	187.5	53,200	117,500	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



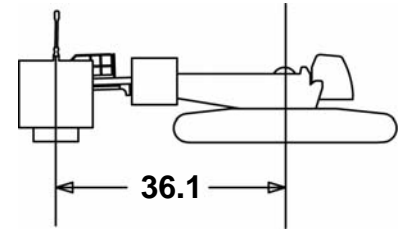
**16000 MAX-ER**

177.2 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	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	
75	68.7	294.9	233,700	288,900* <sup>b</sup>					75
80	66.1	292.7	216,100	278,100*					80
85	63.4	290.2	200,800	264,500*					85
90	60.6	287.4	187,300	245,400*	65.7	290.8	177,800	278,200*	90
95	57.7	284.2	175,400	229,400*	62.9	288.2	166,400	268,000*	95
100	54.8	280.7	164,700	215,800*	60.2	285.4	156,300	257,900*	100
105	51.7	276.8	155,100	204,200*	57.3	282.2	147,200	247,100*	105
110	48.5	272.4	146,500	194,200*	54.3	278.6	138,900	234,400*	110
115	45.1	267.5	138,600	185,600*	51.2	274.6	131,500	217,200*	115
120	41.4	262.0	131,400	178,300*	47.9	270.2	124,600	202,200*	120
125	37.5	255.6	124,800	167,400*	44.5	265.2	118,400	188,800*	125
130	33.2	248.2	118,700	157,500*	40.9	259.5	112,600	176,900*	130
135	28.3	239.4	113,100	148,400*	36.9	253.0	107,300	166,100*	135
140	22.3	228.2	107,800	140,100*	32.5	245.4	102,300	156,400*	140
145	13.9	211.7	102,700	123,200*	27.4	236.3	97,600	147,500*	145
150					21.2	224.6	93,200	139,200*	150
155					12.1	206.4	88,900	123,500*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

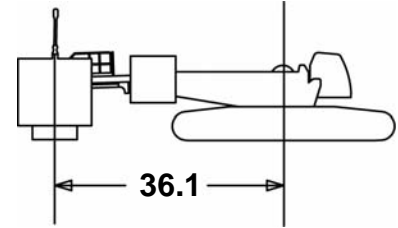
177.2 ft Boom, 118.1 ft Luffing Jib

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	
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115	60.2	281.8	119,500	215,300*									115
120	57.4	278.7	113,300	205,500*									120
125	54.4	275.1	107,500	196,500*									125
130	51.3	271.1	102,300	188,200*									130
135	48.1	266.7	97,400	180,200	57.2	273.6	87,600	172,600					135
140	44.6	261.7	92,900	172,500	54.3	270.0	83,400	165,200					140
145	41.0	256.1	88,700	165,400	51.2	266.0	79,600	158,300					145
150	37.0	249.6	84,700	158,700	47.9	261.6	76,100	152,000					150
155	32.6	242.1	81,000	152,500	44.5	256.6	72,700	146,100					155
160	27.6	233.0	77,500	146,700	40.8	250.9	69,600	140,500	50.7	259.2	61,700	134,400	160
165	21.5	221.4	74,200	140,000*	36.8	244.4	66,600	135,300	47.4	254.7	59,000	129,400	165
170	12.5	203.6	70,900	130,100*	32.4	236.8	63,800	130,500	44.0	249.6	56,500	124,800	170
175					27.4	227.6	61,200	125,900	40.3	243.8	54,100	120,400	175
180					21.2	215.9	58,600	121,500	36.2	237.2	51,900	116,300	180
185					12.0	197.6	56,000	117,300	31.8	229.4	49,700	112,400	185
190									26.6	220.0	47,600	108,700	190
195									20.1	207.7	45,600	105,100	195
200									9.9	187.3	43,500	101,600	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  
 313,850 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	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	
80	69.7	314.1	215,300	257,900*					80
85	67.4	312.0	199,900	252,200*					85
90	65.1	309.7	186,400	243,500*					90
95	62.8	307.1	174,500	232,800*	67.1	310.1	165,300	252,100*	95
100	60.4	304.3	163,800	219,500*	64.8	307.8	155,100	246,300*	100
105	58.0	301.2	154,200	206,400*	62.4	305.2	146,000	238,300*	105
110	55.5	297.8	145,600	195,100*	60.1	302.3	137,800	230,300*	110
115	52.9	294.0	137,800	185,300*	57.6	299.2	130,400	218,300*	115
120	50.2	289.9	130,600	176,700*	55.1	295.7	123,600	203,200*	120
125	47.4	285.4	124,000	166,800*	52.5	291.9	117,300	189,800*	125
130	44.4	280.3	118,000	157,100*	49.7	287.7	111,600	177,800*	130
135	41.3	274.7	112,400	148,100*	46.9	283.1	106,300	167,100*	135
140	37.9	268.4	107,300	139,700*	43.9	278.0	101,400	157,500*	140
145	34.3	261.3	102,500	132,000*	40.8	272.3	96,800	148,700*	145
150	30.3	253.1	98,000	125,100*	37.4	265.9	92,600	140,700*	150
155	25.7	243.2	93,700	119,000*	33.7	258.6	88,600	133,300*	155
160	20.1	230.8	89,700	113,700*	29.7	250.1	84,800	126,500*	160
165	12.1	212.2	85,800	100,200*	24.9	240.0	81,300	120,100*	165
170					19.1	226.9	77,900	114,100*	170
175					10.3	206.3	74,500	100,600*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

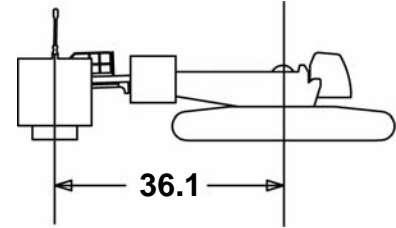
177.2 ft Boom, 137.8 ft Luffing Jib

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	
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120	62.5	301.6	111,900	204,100*									120
125	60.1	298.8	106,200	195,100*									125
130	57.7	295.6	100,900	186,900*									130
135	55.1	292.2	96,100	179,000									135
140	52.5	288.4	91,600	171,300									140
145	49.8	284.2	87,400	164,200	57.6	290.6	78,100	157,000					145
150	47.0	279.6	83,600	157,600	55.0	287.1	74,600	150,700					150
155	44.0	274.5	79,900	151,500	52.4	283.3	71,300	144,800					155
160	40.9	268.8	76,500	145,800	49.7	279.1	68,200	139,300					160
165	37.5	262.5	73,300	140,400	46.9	274.5	65,300	134,200					165
170	33.9	255.2	70,300	134,000*	43.9	269.3	62,600	129,300	52.1	276.5	54,900	123,400	170
175	29.8	246.8	67,400	127,200*	40.7	263.6	60,000	124,800	49.3	272.3	52,600	119,100	175
180	25.1	236.7	64,700	120,800*	37.4	257.2	57,500	120,500	46.5	267.6	50,400	115,000	180
185	19.3	223.8	62,000	114,800*	33.7	249.9	55,200	116,500	43.5	262.4	48,300	111,200	185
190	10.7	203.7	59,400	106,300*	29.6	241.5	53,000	112,700	40.3	256.6	46,400	107,500	190
195					24.9	231.3	50,900	109,000	36.9	250.1	44,500	104,100	195
200					19.1	218.2	48,800	105,500	33.2	242.6	42,700	100,800	200
205					10.2	197.4	46,700	102,100	29.0	234.0	40,900	97,700	205
210									24.2	223.5	39,200	94,700	210
215									18.1	209.8	37,600	91,800	215
220									8.1	186.3	35,800	88,900	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  
313,850 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	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	
90	68.4	331.3	185,000	217,000*					90
95	66.5	329.1	173,100	212,300*					95
100	64.4	326.7	162,400	204,600*					100
105	62.4	324.1	152,800	196,500*	66.2	327.2	144,400	210,200*	105
110	60.3	321.3	144,200	187,900*	64.1	324.8	136,100	210,200*	110
115	58.2	318.2	136,300	179,200*	62.1	322.1	128,700	210,200*	115
120	56.0	314.8	129,200	170,500*	60.0	319.3	121,900	202,700*	120
125	53.7	311.2	122,700	161,900*	57.8	316.1	115,700	189,300*	125
130	51.4	307.2	116,700	153,500*	55.6	312.7	110,000	177,300*	130
135	49.0	302.9	111,100	145,400*	53.4	309.0	104,700	166,700*	135
140	46.5	298.2	106,000	137,600*	51.0	305.0	99,900	157,000*	140
145	43.9	293.1	101,200	130,300*	48.6	300.7	95,300	148,300*	145
150	41.2	287.5	96,800	123,400*	46.1	295.9	91,100	140,300*	150
155	38.3	281.2	92,600	117,000*	43.5	290.7	87,200	133,000*	155
160	35.1	274.3	88,700	111,100*	40.7	285.0	83,500	126,300*	160
165	31.8	266.4	85,100	105,600*	37.8	278.7	80,000	120,100*	165
170	28.0	257.4	81,600	100,700*	34.6	271.6	76,800	114,400*	170
175	23.7	246.6	78,300	96,300*	31.2	263.6	73,700	109,000*	175
180	18.4	233.0	75,100	92,700*	27.4	254.3	70,700	104,000*	180
185	10.6	212.2	72,000	82,300*	22.9	243.2	67,900	99,200*	185
190					17.4	228.9	65,200	94,400*	190
195					8.8	205.7	62,500	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

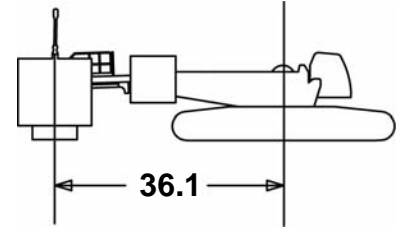
177.2 ft Boom, 157.5 ft Luffing Jib

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	
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130	62.1	318.6	98,900	185,100*									130
135	60.0	315.7	94,100	177,400									135
140	57.9	312.6	89,700	169,700									140
145	55.7	309.2	85,600	162,600									145
150	53.4	305.5	81,700	156,100									150
155	51.1	301.5	78,100	150,000	57.8	307.5	69,200	143,000					155
160	48.7	297.2	74,800	144,300	55.6	304.1	66,100	137,600					160
165	46.2	292.5	71,600	138,900	53.3	300.5	63,300	132,500					165
170	43.6	287.3	68,600	133,700*	51.0	296.4	60,600	127,700					170
175	40.8	281.6	65,800	127,000*	48.6	292.1	58,000	123,200					175
180	37.9	275.3	63,200	120,700*	46.1	287.3	55,600	118,900					180
185	34.7	268.2	60,700	115,000*	43.5	282.1	53,400	115,000	50.7	289.6	46,200	109,400	185
190	31.3	260.2	58,300	109,600*	40.7	276.4	51,200	111,200	48.3	285.2	44,300	105,800	190
195	27.5	251.0	56,000	104,600*	37.8	270.0	49,200	107,600	45.7	280.4	42,400	102,400	195
200	23.1	240.0	53,800	99,800*	34.6	263.0	47,200	104,200	43.1	275.1	40,700	99,200	200
205	17.6	225.8	51,600	95,300*	31.2	254.9	45,400	101,000	40.3	269.3	39,000	96,100	205
210	9.2	203.2	49,500	87,600*	27.3	245.7	43,600	97,900	37.3	262.9	37,400	93,200	210
215					22.9	234.5	41,800	94,900	34.1	255.7	35,900	90,400	215
220					17.4	220.1	40,100	92,100	30.7	247.5	34,400	87,700	220
225					8.6	196.7	38,300	89,300	26.8	238.0	33,000	85,100	225
230									22.2	226.6	31,600	82,700	230
235									16.4	211.5	30,200	80,300	235
240									6.4	184.5	28,700	77,900	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

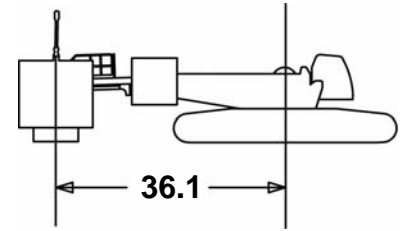
177.2 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	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	
100	67.5	348.4	161,300	180,300*					100
105	65.7	346.2	151,700	179,700*					105
110	63.9	343.7	143,000	173,800*	67.2	346.5	134,800	173,100*	110
115	62.1	341.1	135,200	167,500*	65.4	344.3	127,400	173,100*	115
120	60.2	338.2	128,000	161,000*	63.6	341.8	120,600	173,100*	120
125	58.3	335.1	121,500	154,400*	61.8	339.1	114,400	173,100*	125
130	56.4	331.8	115,500	147,700*	59.9	336.2	108,700	173,100*	130
135	54.4	328.3	110,000	141,000*	58.0	333.1	103,400	166,600*	135
140	52.4	324.5	104,800	134,400*	56.1	329.8	98,600	156,900*	140
145	50.3	320.3	100,100	128,000*	54.1	326.2	94,000	148,100*	145
150	48.1	315.9	95,700	121,800*	52.0	322.3	89,800	140,100*	150
155	45.9	311.1	91,500	115,800*	49.9	318.1	85,900	132,800*	155
160	43.5	305.9	87,700	110,200*	47.8	313.6	82,300	126,100*	160
165	41.1	300.2	84,000	104,800*	45.5	308.7	78,800	119,900*	165
170	38.5	294.0	80,600	99,800*	43.1	303.5	75,600	114,200*	170
175	35.8	287.2	77,400	95,100*	40.7	297.7	72,500	108,900*	175
180	32.8	279.6	74,400	90,800*	38.1	291.5	69,700	103,900*	180
185	29.6	271.1	71,500	86,800*	35.3	284.6	66,900	99,300*	185
190	26.1	261.3	68,700	83,200*	32.4	276.9	64,300	95,000*	190
195	22.0	249.6	66,100	80,000*	29.1	268.2	61,900	90,900*	195
200	16.9	234.8	63,500	77,300*	25.5	258.1	59,500	87,000*	200
205	9.3	211.8	61,000	68,400*	21.3	246.1	57,200	83,300*	205
210					16.0	230.5	55,000	78,800*	210
215					7.4	204.4	52,700	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

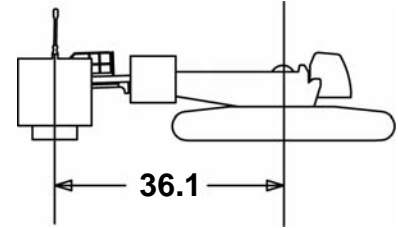
177.2 ft Boom, 177.2 ft Luffing Jib

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	
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140	61.8	335.6	88,200	159,000*									140
145	60.0	332.7	84,000	159,000*									145
150	58.1	329.6	80,200	154,800									150
155	56.1	326.3	76,600	148,700									155
160	54.1	322.7	73,300	143,000									160
165	52.1	318.8	70,200	137,700									165
170	50.0	314.6	67,200	132,700	56.1	321.2	59,000	126,300					170
175	47.8	310.1	64,400	126,700*	54.1	317.6	56,400	121,800					175
180	45.6	305.3	61,800	120,500*	52.0	313.7	54,100	117,600					180
185	43.2	300.0	59,300	114,700*	49.9	309.5	51,800	113,600					185
190	40.8	294.3	57,000	109,400*	47.7	305.0	49,700	109,900					190
195	38.2	288.1	54,800	104,500*	45.5	300.1	47,700	106,300	51.7	306.9	40,800	101,000	195
200	35.4	281.2	52,600	99,800*	43.1	294.9	45,800	103,000	49.6	302.7	39,000	97,800	200
205	32.5	273.5	50,600	95,500*	40.7	289.1	44,000	99,800	47.4	298.1	37,400	94,700	205
210	29.2	264.8	48,700	91,400*	38.1	282.8	42,200	96,700	45.2	293.2	35,800	91,800	210
215	25.6	254.9	46,800	87,500*	35.3	275.9	40,500	93,800	42.8	287.9	34,400	89,100	215
220	21.4	242.9	45,000	83,800*	32.3	268.2	38,900	91,100	40.3	282.1	32,900	86,400	220
225	16.2	227.5	43,200	80,200*	29.1	259.5	37,400	88,400	37.7	275.7	31,600	83,900	225
230	7.8	202.1	41,400	73,100*	25.5	249.4	35,900	85,900	34.9	268.7	30,200	81,500	230
235					21.2	237.4	34,400	83,400	31.9	260.9	29,000	79,200	235
240					15.9	221.7	33,000	80,400*	28.6	252.0	27,700	77,000	240
245					7.2	195.4	31,500	76,300*	24.9	241.7	26,500	74,900	245
250									20.6	229.3	25,400	72,800	250
255									15.0	212.9	24,200	70,800	255
260									4.7	181.4	22,900	68,700	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  
 313,850 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	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	
115	65.1	363.2	133,700	150,800*					115
120	63.5	360.7	126,500	148,500*	66.4	363.6	118,800	144,200*	120
125	61.8	358.0	120,000	143,800*	64.8	361.3	112,600	144,200*	125
130	60.1	355.2	113,900	138,700*	63.2	358.8	106,900	144,200*	130
135	58.4	352.1	108,400	133,600*	61.6	356.1	101,700	144,200*	135
140	56.7	348.9	103,300	128,400*	59.9	353.2	96,800	144,200*	140
145	54.9	345.4	98,500	123,200*	58.2	350.1	92,300	139,300*	145
150	53.1	341.6	94,100	118,100*	56.4	346.8	88,100	134,500*	150
155	51.2	337.6	90,000	113,000*	54.6	343.2	84,200	129,700*	155
160	49.3	333.4	86,200	108,000*	52.8	339.5	80,600	125,000*	160
165	47.4	328.8	82,600	103,200*	50.9	335.5	77,200	118,800*	165
170	45.3	323.9	79,200	98,600*	49.0	331.1	73,900	113,100*	170
175	43.2	318.6	76,000	94,200*	47.0	326.5	70,900	107,800*	175
180	41.0	313.0	72,900	90,000*	45.0	321.6	68,100	102,900*	180
185	38.7	306.8	70,100	86,100*	42.9	316.2	65,400	98,300*	185
190	36.3	300.1	67,400	82,400*	40.7	310.5	62,800	94,000*	190
195	33.7	292.7	64,800	78,900*	38.3	304.3	60,400	90,000*	195
200	30.9	284.6	62,400	75,700*	35.9	297.5	58,100	86,200*	200
205	27.8	275.4	60,000	72,700*	33.3	290.0	55,900	82,600*	205
210	24.5	264.9	57,800	70,000*	30.4	281.7	53,800	79,200*	210
215	20.5	252.4	55,600	67,600*	27.4	272.4	51,700	76,000*	215
220	15.6	236.3	53,500	64,600*	23.9	261.6	49,800	72,900*	220
225					19.9	248.6	47,900	70,000*	225
230					14.7	231.8	46,100	65,700*	230
235					6.0	202.3	44,100	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

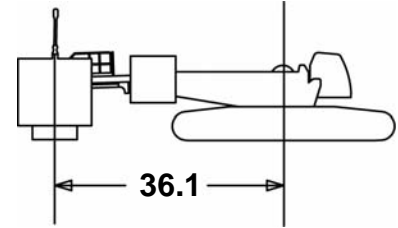
177.2 ft Boom, 196.9 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150	61.6	352.5	78,200	131,600*									150
155	59.9	349.6	74,700	131,600*									155
160	58.2	346.6	71,400	131,600*									160
165	56.5	343.3	68,200	131,600*									165
170	54.7	339.7	65,300	129,900*									170
175	52.9	336.0	62,600	125,500*									175
180	51.0	332.0	60,000	119,300*	56.4	338.2	52,000	115,900					180
185	49.1	327.7	57,500	113,600*	54.6	334.6	49,800	111,900					185
190	47.1	323.0	55,200	108,300*	52.8	330.9	47,700	108,200					190
195	45.1	318.1	53,000	103,400*	50.9	326.9	45,700	104,700					195
200	42.9	312.8	50,900	98,800*	49.0	322.5	43,800	101,300					200
205	40.7	307.1	48,900	94,500*	47.0	317.9	42,000	98,200	52.5	324.1	35,200	93,000	205
210	38.4	300.8	47,000	90,500*	45.0	313.0	40,300	95,100	50.7	320.0	33,700	90,100	210
215	36.0	294.1	45,200	86,700*	42.8	307.6	38,600	92,300	48.7	315.7	32,200	87,300	215
220	33.3	286.6	43,400	83,100*	40.6	301.9	37,100	89,500	46.7	311.0	30,800	84,700	220
225	30.5	278.4	41,800	79,700*	38.3	295.6	35,600	86,900	44.7	306.0	29,500	82,200	225
230	27.5	269.0	40,200	76,500*	35.8	288.8	34,100	84,400	42.5	300.6	28,200	79,900	230
235	24.0	258.3	38,600	73,400*	33.2	281.4	32,800	82,000	40.3	294.8	27,000	77,600	235
240	20.0	245.5	37,100	70,400*	30.4	273.0	31,400	79,700	38.0	288.5	25,800	75,400	240
245	14.9	228.8	35,600	67,500*	27.3	263.7	30,100	76,600*	35.5	281.6	24,700	73,300	245
250	6.5	200.4	34,000	60,900*	23.9	252.9	28,900	73,600*	32.8	274.0	23,600	71,300	250
255					19.8	239.9	27,600	70,600*	30.0	265.6	22,500	69,400	255
260					14.7	223.0	26,400	67,700*	26.9	256.1	21,400	67,500	260
265					5.9	193.2	25,100	63,700*	23.3	245.0	20,400	65,700	265
270									19.2	231.6	19,400	63,900	270
275									13.8	213.9	18,400	62,200	275
280									2.4	175.2	17,200	60,400	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

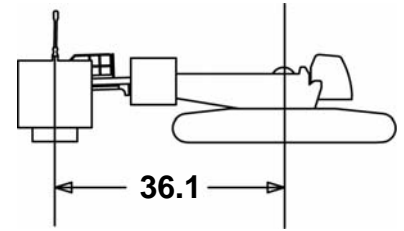
177.2 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	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	
130	63.1	377.7	112,300	125,700*	65.8	380.7	105,100	120,800*	130
135	61.6	375.0	106,700	123,700*	64.4	378.3	99,900	120,800*	135
140	60.1	372.1	101,600	120,000*	62.9	375.7	95,000	120,800*	140
145	58.5	369.1	96,900	116,000*	61.4	373.0	90,500	120,800*	145
150	57.0	365.8	92,500	112,000*	59.8	370.1	86,400	120,800*	150
155	55.3	362.4	88,300	108,100*	58.3	367.1	82,400	120,800*	155
160	53.7	358.7	84,500	104,100*	56.7	363.8	78,800	120,800*	160
165	52.0	354.9	80,900	100,100*	55.1	360.3	75,400	116,900*	165
170	50.3	350.7	77,500	96,200*	53.5	356.6	72,200	111,400*	170
175	48.6	346.4	74,300	92,400*	51.8	352.7	69,200	106,400*	175
180	46.7	341.7	71,300	88,700*	50.0	348.5	66,300	101,500*	180
185	44.9	336.7	68,500	85,100*	48.3	344.1	63,600	96,900*	185
190	42.9	331.4	65,800	81,700*	46.5	339.4	61,100	92,700*	190
195	40.9	325.7	63,200	78,400*	44.6	334.4	58,700	88,700*	195
200	38.8	319.6	60,800	75,200*	42.6	329.0	56,400	84,900*	200
205	36.7	312.9	58,500	72,200*	40.6	323.2	54,200	81,400*	205
210	34.3	305.7	56,300	69,400*	38.5	317.0	52,100	78,000*	210
215	31.9	297.9	54,200	66,800*	36.3	310.3	50,100	74,900*	215
220	29.2	289.2	52,200	64,400*	34.0	303.0	48,200	71,900*	220
225	26.3	279.4	50,300	62,100*	31.5	295.1	46,400	69,000*	225
230	23.1	268.1	48,400	60,100*	28.8	286.2	44,700	66,300*	230
235	19.3	254.8	46,600	58,300*	25.8	276.2	43,000	63,700*	235
240	14.5	237.6	44,800	53,700*	22.5	264.7	41,400	61,200*	240
245					18.6	250.9	39,800	58,800*	245
250					13.6	232.8	38,200	54,700*	250
255					4.6	199.2	36,500	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

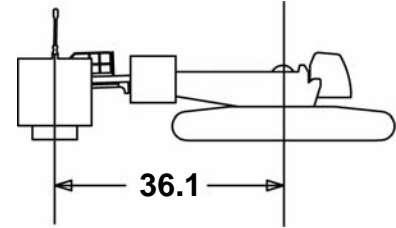
177.2 ft Boom, 216.5 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
130													130
135													135
140													140
145													145
150													150
155	62.9	372.2	72,700	109,800*									155
160	61.4	369.5	69,400	109,800*									160
165	59.9	366.6	66,300	109,800*									165
170	58.3	363.5	63,400	109,800*									170
175	56.8	360.3	60,600	109,800*									175
180	55.1	356.8	58,000	109,800*									180
185	53.5	353.1	55,600	109,800*									185
190	51.8	349.2	53,300	106,900*	56.7	355.2	45,600	100,900*					190
195	50.1	345.0	51,100	101,900*	55.1	351.7	43,600	100,900*					195
200	48.3	340.6	49,000	97,400*	53.4	348.0	41,800	99,700					200
205	46.5	335.9	47,000	93,100*	51.8	344.1	40,000	96,500					205
210	44.6	330.9	45,100	89,100*	50.0	339.9	38,300	93,500					210
215	42.7	325.5	43,400	85,300*	48.3	335.5	36,700	90,600					215
220	40.7	319.8	41,600	81,800*	46.4	330.8	35,100	87,900	51.5	337.3	28,700	83,000	220
225	38.6	313.6	40,000	78,400*	44.6	325.8	33,600	85,300	49.8	333.1	27,400	80,500	225
230	36.4	306.9	38,400	75,300*	42.6	320.4	32,200	82,800	48.0	328.7	26,200	78,200	230
235	34.0	299.7	36,900	72,300*	40.6	314.6	30,900	80,500	46.2	323.9	24,900	75,900	235
240	31.6	291.7	35,500	69,400*	38.5	308.4	29,600	78,200	44.3	318.8	23,800	73,800	240
245	28.9	282.9	34,000	66,700*	36.3	301.7	28,300	75,400*	42.3	313.4	22,700	71,700	245
250	25.9	272.9	32,700	64,100*	33.9	294.4	27,100	72,400*	40.3	307.6	21,600	69,700	250
255	22.6	261.5	31,400	61,600*	31.4	286.4	25,900	69,600*	38.2	301.3	20,500	67,800	255
260	18.8	247.7	30,100	59,200*	28.8	277.5	24,800	66,900*	36.0	294.5	19,500	65,900	260
265	13.8	229.9	28,800	56,800*	25.8	267.5	23,700	64,300*	33.6	287.1	18,600	64,200	265
270	5.2	197.7	27,400	50,400*	22.5	256.0	22,600	61,800*	31.1	279.0	17,600	62,500	270
275					18.6	242.2	21,600	59,400*	28.4	270.0	16,700	60,800	275
280					13.6	224.0	20,500	57,000*	25.4	259.8	15,800	59,200	280
285					4.4	189.9	19,300	52,900*	22.0	248.1	14,900	57,700	285
290									18.0	233.7	14,100	56,200	290
295									12.7	214.6	13,200	54,700	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  
313,850 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	83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
150	60.0	389.1	90,900	103,800*	62.6	392.7	84,600	102,000*	150
155	58.6	386.0	86,800	100,800*	61.2	390.0	80,700	101,800*	155
160	57.2	382.8	82,900	97,800*	59.8	387.1	77,100	101,600*	160
165	55.7	379.4	79,300	94,700*	58.4	384.0	73,700	101,500*	165
170	54.2	375.8	76,000	91,600*	56.9	380.8	70,500	101,300*	170
175	52.7	372.0	72,800	88,500*	55.5	377.4	67,500	101,100*	175
180	51.1	368.0	69,800	85,400*	54.0	373.7	64,600	100,100*	180
185	49.5	363.8	67,000	82,400*	52.4	369.9	62,000	95,700*	185
190	47.9	359.3	64,300	79,400*	50.9	365.9	59,400	91,700*	190
195	46.2	354.6	61,700	76,500*	49.3	361.6	57,000	87,700*	195
200	44.5	349.5	59,300	73,700*	47.7	357.1	54,800	83,900*	200
205	42.7	344.1	57,100	71,000*	46.0	352.3	52,600	80,400*	205
210	40.9	338.4	54,900	68,400*	44.2	347.2	50,500	77,000*	210
215	39.0	332.3	52,800	65,900*	42.5	341.8	48,600	73,900*	215
220	37.0	325.8	50,800	63,500*	40.6	336.0	46,700	70,900*	220
225	34.9	318.7	48,900	61,200*	38.7	329.8	44,900	68,000*	225
230	32.7	311.1	47,100	59,100*	36.7	323.2	43,200	65,300*	230
235	30.3	302.7	45,300	57,100*	34.5	316.0	41,500	62,700*	235
240	27.7	293.4	43,700	55,200*	32.3	308.3	40,000	60,300*	240
245	25.0	283.1	42,000	53,500*	29.9	299.8	38,400	57,900*	245
250	21.8	271.1	40,500	51,600*	27.3	290.4	37,000	55,700*	250
255	18.2	256.9	38,900	49,100*	24.5	279.8	35,500	53,500*	255
260	13.5	238.5	37,400	44,500*	21.3	267.6	34,200	51,400*	260
265					17.5	252.9	32,800	49,400*	265
270					12.7	233.5	31,400	45,500*	270
275					3.0	194.0	29,900	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

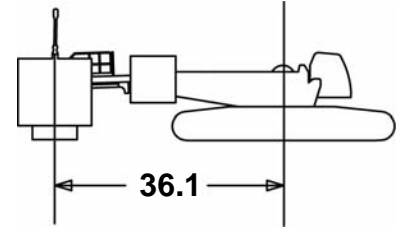
177.2 ft Boom, 236.2 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
150													150
155													155
160													160
165	62.6	389.2	64,400	92,800*									165
170	61.3	386.5	61,500	92,800*									170
175	59.9	383.6	58,700	92,800*									175
180	58.4	380.5	56,200	92,800*									180
185	57.0	377.3	53,700	92,800*									185
190	55.5	373.8	51,400	92,800*									190
195	54.0	370.2	49,300	92,800*									195
200	52.5	366.4	47,200	92,800*	56.9	372.2	39,700	84,800*					200
205	50.9	362.4	45,200	92,100*	55.5	368.7	38,000	84,800*					205
210	49.3	358.1	43,400	88,100*	54.0	365.1	36,300	84,800*					210
215	47.7	353.6	41,600	84,300*	52.4	361.3	34,700	84,800*					215
220	46.0	348.8	39,900	80,700*	50.9	357.3	33,200	84,800*					220
225	44.3	343.7	38,300	77,400*	49.3	353.0	31,700	83,800					225
230	42.5	338.3	36,700	74,200*	47.6	348.5	30,300	81,300	52.2	354.5	24,100	76,500	230
235	40.7	332.5	35,200	71,200*	46.0	343.6	29,000	78,900	50.6	350.5	22,900	74,300	235
240	38.7	326.4	33,800	68,400*	44.2	338.5	27,700	76,700	49.0	346.2	21,700	72,100	240
245	36.7	319.8	32,400	65,700*	42.4	333.1	26,500	74,300*	47.4	341.6	20,600	70,100	245
250	34.6	312.6	31,100	63,100*	40.6	327.4	25,300	71,300*	45.7	336.7	19,600	68,100	250
255	32.4	304.9	29,800	60,600*	38.7	321.2	24,100	68,500*	44.0	331.6	18,600	66,200	255
260	30.0	296.5	28,600	58,300*	36.6	314.5	23,000	65,800*	42.2	326.1	17,600	64,400	260
265	27.4	287.1	27,400	56,000*	34.5	307.4	22,000	63,200*	40.3	320.3	16,700	62,600	265
270	24.6	276.5	26,200	53,900*	32.3	299.6	21,000	60,800*	38.4	314.1	15,700	60,900	270
275	21.4	264.4	25,100	51,800*	29.9	291.1	20,000	58,500*	36.4	307.4	14,900	59,300	275
280	17.7	249.8	24,000	49,700*	27.3	281.7	19,000	56,200*	34.2	300.1	14,000	57,700	280
285	12.9	230.6	22,900	47,700*	24.5	271.1	18,000	54,100*	32.0	292.3	13,200	56,200	285
290	3.8	193.7	21,600	41,300*	21.3	258.9	17,100	52,000*	29.5	283.7	12,400	54,800	290
295					17.5	244.2	16,200	49,900*	26.9	274.1	11,600	53,300	295
300					12.6	224.7	15,300	47,900*	24.0	263.3	10,800	52,000	300
305					2.7	184.1	14,200	43,500*	20.8	250.8	10,100	50,600	305
310									16.9	235.6	9,300	49,300	310
315									11.8	215.1	8,500	47,900*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

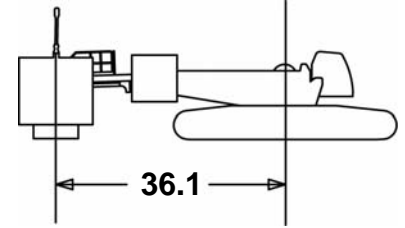
177.2 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	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	
165	58.7	403.0	77,900	87,700*	61.1	407.0	72,200	85,700*	165
170	57.3	399.8	74,600	85,400*	59.8	404.0	69,000	85,500*	170
175	56.0	396.5	71,400	83,000*	58.5	401.0	66,000	85,300*	175
180	54.6	392.9	68,400	80,500*	57.1	397.8	63,200	85,000*	180
185	53.2	389.2	65,600	78,100*	55.8	394.4	60,500	84,800*	185
190	51.8	385.3	62,900	75,700*	54.4	390.8	58,000	84,500*	190
195	50.4	381.2	60,400	73,300*	53.0	387.1	55,600	84,300*	195
200	48.9	376.8	58,000	70,900*	51.6	383.1	53,300	82,300*	200
205	47.4	372.2	55,700	68,600*	50.1	379.0	51,100	78,800*	205
210	45.8	367.4	53,500	66,300*	48.6	374.6	49,100	75,500*	210
215	44.2	362.3	51,400	64,100*	47.1	370.0	47,100	72,300*	215
220	42.6	356.9	49,500	61,900*	45.6	365.1	45,300	69,400*	220
225	40.9	351.2	47,600	59,800*	44.0	360.0	43,500	66,600*	225
230	39.1	345.1	45,800	57,800*	42.3	354.5	41,800	63,900*	230
235	37.3	338.6	44,000	55,900*	40.6	348.7	40,100	61,400*	235
240	35.3	331.6	42,400	54,100*	38.8	342.6	38,600	59,000*	240
245	33.3	324.2	40,800	52,400*	37.0	336.0	37,100	56,700*	245
250	31.2	316.1	39,300	50,600*	35.0	329.0	35,600	54,500*	250
255	28.9	307.2	37,800	48,600*	33.0	321.4	34,200	52,400*	255
260	26.5	297.4	36,400	46,800*	30.8	313.2	32,900	50,400*	260
265	23.8	286.5	35,000	44,900*	28.5	304.2	31,600	48,500*	265
270	20.7	273.9	33,600	43,200*	26.1	294.3	30,300	46,600*	270
275	17.2	258.8	32,300	40,600*	23.3	283.1	29,100	44,800*	275
280	12.6	239.3	31,000	36,600*	20.2	270.2	27,900	43,100*	280
285					16.6	254.7	26,800	41,300*	285
290					11.8	234.0	25,600	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

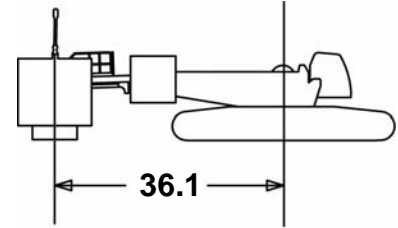
177.2 ft Boom, 255.9 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
165													165
170													170
175	62.4	406.2	57,100	78,400*									175
180	61.1	403.4	54,500	78,400*									180
185	59.8	400.5	52,100	78,400*									185
190	58.5	397.5	49,800	78,400*									190
195	57.2	394.2	47,600	78,400*									195
200	55.8	390.9	45,600	78,400*									200
205	54.5	387.3	43,600	78,400*									205
210	53.1	383.6	41,800	78,400*	57.1	389.2	34,600	71,300*					210
215	51.6	379.6	40,000	78,400*	55.8	385.8	33,000	71,300*					215
220	50.2	375.5	38,300	78,400*	54.4	382.2	31,500	71,300*					220
225	48.7	371.1	36,700	75,800*	53.0	378.5	30,000	71,300*					225
230	47.2	366.5	35,200	72,700*	51.6	374.5	28,600	71,300*					230
235	45.6	361.6	33,700	69,700*	50.1	370.4	27,300	71,300*					235
240	44.0	356.5	32,300	66,900*	48.6	366.0	26,000	71,300*	52.8	371.7	20,000	64,800*	240
245	42.3	351.1	30,900	64,300*	47.1	361.4	24,800	71,300*	51.4	367.7	18,900	64,800*	245
250	40.6	345.3	29,600	61,700*	45.5	356.5	23,700	69,800*	49.9	363.5	17,900	64,800*	250
255	38.9	339.2	28,300	59,300*	43.9	351.3	22,500	67,000*	48.4	359.1	16,900	64,800*	255
260	37.0	332.6	27,100	57,000*	42.3	345.9	21,400	64,400*	46.9	354.5	15,900	63,000	260
265	35.1	325.6	26,000	54,900*	40.6	340.1	20,400	61,800*	45.3	349.6	15,000	61,200	265
270	33.1	318.0	24,800	52,800*	38.8	334.0	19,400	59,500*	43.7	344.4	14,100	59,600	270
275	30.9	309.9	23,800	50,800*	36.9	327.4	18,400	57,200*	42.0	338.9	13,200	57,900	275
280	28.6	300.9	22,700	48,800*	35.0	320.4	17,500	55,000*	40.3	333.1	12,400	56,400	280
285	26.1	291.0	21,700	47,000*	33.0	312.8	16,600	52,900*	38.5	326.9	11,600	54,900	285
290	23.4	279.9	20,700	45,200*	30.8	304.6	15,700	50,900*	36.7	320.2	10,800	53,400	290
295	20.3	267.0	19,700	43,400*	28.5	295.6	14,800	49,000*	34.7	313.1	10,000	52,000	295
300	16.7	251.6	18,700	41,600*	26.0	285.6	14,000	47,100*	32.7	305.5	9,300	50,700	300
305	12.0	231.2	17,700	39,900*	23.3	274.4	13,200	45,300*	30.5	297.1	8,600	49,400	305
310	1.7	185.5	16,600	33,100*	20.2	261.5	12,300	43,600*	28.2	288.0	7,900	48,100	310
315					16.5	245.9	11,500	41,800*	25.7	277.9	7,200	46,900	315
320					11.7	225.2	10,700	40,100*	22.9	266.5	6,500	45,300*	320
325									19.7	253.3	5,800	43,500*	325
330									15.9	237.2	5,200	41,800*	330
335									10.9	215.3	4,500	40,100*	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  
313,850 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	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	
185	56.3	413.5	63,900	72,200*	58.5	418.0	58,600	71,200*	185
190	55.0	410.0	61,200	70,800*	57.3	414.7	56,100	70,900*	190
195	53.7	406.3	58,700	68,900*	56.1	411.4	53,700	70,600*	195
200	52.4	402.5	56,300	67,000*	54.8	407.9	51,500	70,200*	200
205	51.1	398.5	54,000	65,100*	53.5	404.2	49,300	69,900*	205
210	49.7	394.2	51,800	63,200*	52.2	400.3	47,300	69,600*	210
215	48.3	389.8	49,800	61,300*	50.8	396.3	45,300	69,300*	215
220	46.9	385.1	47,800	59,500*	49.5	392.0	43,500	67,800*	220
225	45.4	380.2	45,900	57,700*	48.1	387.6	41,700	65,000*	225
230	43.9	375.1	44,100	56,000*	46.7	382.9	40,000	62,400*	230
235	42.4	369.7	42,400	54,300*	45.2	377.9	38,400	59,900*	235
240	40.8	363.9	40,800	52,700*	43.7	372.7	36,800	57,500*	240
245	39.2	357.9	39,200	51,000*	42.2	367.3	35,300	55,200*	245
250	37.5	351.4	37,700	49,100*	40.6	361.5	33,900	53,100*	250
255	35.7	344.5	36,200	47,200*	38.9	355.4	32,500	51,000*	255
260	33.9	337.2	34,800	45,400*	37.2	348.8	31,200	49,000*	260
265	31.9	329.3	33,400	43,600*	35.4	341.9	29,900	47,100*	265
270	29.9	320.8	32,100	41,900*	33.6	334.5	28,700	45,300*	270
275	27.7	311.5	30,900	40,200*	31.6	326.5	27,500	43,500*	275
280	25.3	301.2	29,600	38,600*	29.5	317.9	26,400	41,800*	280
285	22.7	289.7	28,400	37,100*	27.3	308.4	25,200	40,100*	285
290	19.7	276.4	27,300	35,500*	24.9	298.0	24,200	38,500*	290
295	16.3	260.5	26,100	33,000*	22.3	286.2	23,100	37,000*	295
300	11.8	239.7	25,000	29,400*	19.3	272.6	22,100	35,500*	300
305					15.7	256.2	21,000	34,000*	305
310					11.0	234.2	20,000	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

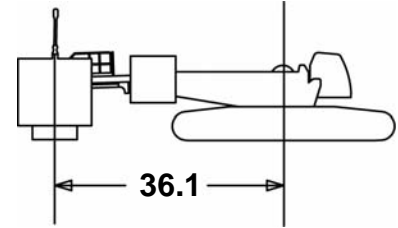
177.2 ft Boom, 275.6 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
185	62.2	423.1	50,000	66,100*									185
190	61.0	420.4	47,800	66,100*									190
195	59.8	417.5	45,600	66,100*									195
200	58.6	414.4	43,600	66,100*									200
205	57.3	411.2	41,600	66,100*									205
210	56.1	407.9	39,800	66,100*									210
215	54.8	404.4	38,000	66,100*									215
220	53.5	400.7	36,300	66,100*	57.3	406.1	29,300	59,800*					220
225	52.2	396.8	34,700	66,000*	56.0	402.8	27,900	59,800*					225
230	50.9	392.8	33,200	65,900*	54.8	399.3	26,500	59,800*					230
235	49.5	388.5	31,800	65,900*	53.5	395.6	25,200	59,800*					235
240	48.1	384.1	30,300	65,300*	52.2	391.7	24,000	59,800*					240
245	46.7	379.4	29,000	62,700*	50.8	387.7	22,800	59,800*					245
250	45.2	374.5	27,700	60,200*	49.5	383.4	21,600	59,800*					250
255	43.7	369.3	26,500	57,800*	48.1	379.0	20,500	59,800*	52.0	385.0	14,700	54,600*	255
260	42.2	363.8	25,300	55,500*	46.6	374.3	19,400	59,800*	50.6	380.9	13,700	54,600*	260
265	40.6	358.0	24,100	53,300*	45.2	369.3	18,400	59,800*	49.3	376.6	12,800	54,600*	265
270	39.0	351.9	23,000	51,300*	43.7	364.1	17,400	57,900*	47.9	372.1	11,900	54,600*	270
275	37.3	345.4	21,900	49,300*	42.1	358.6	16,400	55,600*	46.4	367.4	11,100	54,600*	275
280	35.5	338.5	20,900	47,400*	40.6	352.9	15,500	53,500*	45.0	362.4	10,300	54,600*	280
285	33.6	331.1	19,900	45,600*	38.9	346.7	14,600	51,400*	43.5	357.2	9,500	53,200	285
290	31.7	323.1	18,900	43,800*	37.2	340.2	13,800	49,400*	41.9	351.6	8,700	51,800	290
295	29.6	314.5	18,000	42,100*	35.4	333.3	12,900	47,500*	40.3	345.8	8,000	50,400	295
300	27.4	305.1	17,100	40,400*	33.6	325.8	12,100	45,700*	38.7	339.6	7,200	49,000*	300
305	25.0	294.7	16,200	38,800*	31.6	317.9	11,300	43,900*	37.0	333.1	6,600	47,600*	305
310	22.4	283.0	15,300	37,300*	29.5	309.2	10,600	42,200*	35.2	326.1	5,900	46,200*	310
315	19.4	269.5	14,500	35,800*	27.3	299.7	9,800	40,600*	33.3	318.6	5,200	44,900*	315
320	15.8	253.2	13,600	34,300*	24.9	289.3	9,100	39,000*	31.3	310.5	4,600	43,600*	320
325	11.2	231.4	12,700	32,700*	22.2	277.5	8,400	37,400*	29.2	301.7	3,900	42,200*	325
330					19.2	263.9	7,600	35,900*	27.0	292.1	3,300	40,600*	330
335					15.6	247.5	6,900	34,400*	24.5	281.5	2,700	39,000*	335
340					10.9	225.4	6,200	32,900*	21.8	269.5	2,100	37,400*	340
345									18.8	255.6	1,500	35,900*	345
350									15.1	238.6		34,500*	350
355									10.1	215.2		32,900*	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  
 313,850 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	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	
65	67.2	276.9	277,300	328,400 <sup>c</sup>					65
70	63.2	274.4	253,600	313,100 <sup>b</sup>					70
75	58.9	271.4	233,400	293,800 <sup>b</sup>	67.4	275.3	220,700	327,700 <sup>c</sup>	75
80	54.5	267.9	215,900	272,600 <sup>b</sup>	63.4	272.8	204,200	313,200 <sup>b</sup>	80
85	49.7	263.7	200,600	255,200 <sup>*</sup>	59.1	269.9	189,800	299,000 <sup>b</sup>	85
90	44.6	258.8	187,200	240,800 <sup>*</sup>	54.7	266.4	177,100	285,200 <sup>b</sup>	90
95	39.0	252.8	175,200	229,000 <sup>*</sup>	50.0	262.2	165,800	272,200 <sup>*</sup>	95
100	32.4	245.3	164,400	219,900 <sup>*</sup>	44.9	257.3	155,700	259,900 <sup>*</sup>	100
105	24.2	235.2	154,600	213,600 <sup>*</sup>	39.3	251.4	146,600	247,000 <sup>*</sup>	105
110	10.7	217.3	145,300	173,900 <sup>*</sup>	32.8	244.0	138,300	234,800 <sup>*</sup>	110
115					24.7	234.2	130,600	221,500 <sup>*</sup>	115
120					11.8	217.1	123,200	186,300 <sup>*</sup>	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

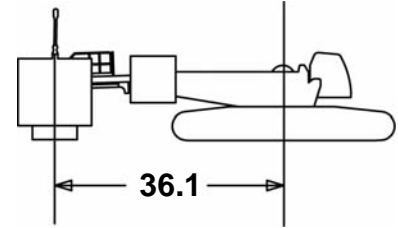
196.9 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	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	60.7	267.0	140,700	249,900*b									100
105	56.4	263.7	132,500	237,000*b									105
110	51.8	259.8	125,100	225,400*									110
115	46.8	255.2	118,300	214,700*									115
120	41.4	249.7	112,100	204,900*	57.6	259.3	100,100	196,400*b					120
125	35.3	243.0	106,300	195,900*	53.1	255.6	95,000	187,800*b					125
130	27.9	234.2	101,000	187,500*	48.3	251.2	90,300	179,500					130
135	17.8	221.2	95,800	179,300	43.0	246.0	85,900	171,500					135
140					37.1	239.6	81,800	164,100					140
145					30.2	231.5	77,900	157,300	49.1	245.1	68,600	150,100	145
150					21.2	220.2	74,200	150,800	44.0	240.1	65,500	144,000	150
155									38.2	234.0	62,500	138,400	155
160									31.5	226.3	59,700	133,100	160
165									23.1	215.7	56,900	128,000	165
170									7.0	194.4	53,900	123,100	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  
 313,850 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	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	
70	68.9	296.2	253,200	296,600*b					70
75	65.7	293.9	233,000	284,500*b					75
80	62.4	291.3	215,500	272,700*b					80
85	59.0	288.4	200,300	254,400*	65.9	292.4	188,900	285,400*b	85
90	55.5	285.0	186,900	237,900*	62.6	289.8	176,300	274,000*b	90
95	51.8	281.1	175,000	224,200*	59.2	286.8	165,100	262,900*	95
100	47.9	276.6	164,400	212,600*	55.7	283.4	155,000	252,200*	100
105	43.8	271.5	154,800	202,700*	52.0	279.6	146,000	242,000*	105
110	39.2	265.5	146,200	194,500*	48.1	275.2	137,900	232,200*	110
115	34.2	258.5	138,300	185,500*	44.0	270.1	130,500	222,900*	115
120	28.3	249.7	131,000	175,500*	39.5	264.2	123,700	210,600*	120
125	20.9	238.0	124,300	167,400*	34.5	257.2	117,400	196,000*	125
130	7.8	216.1	117,600	138,900*	28.7	248.5	111,600	182,900*	130
135					21.3	237.0	106,100	171,000*	135
140					9.0	216.5	100,800	145,500*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

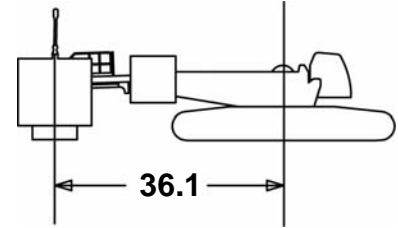
### 196.9 ft Boom, 98.4 ft Luffing Jib

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	
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110	60.5	284.0	123,900	224,100*									110
115	57.0	280.7	117,200	213,500*									115
120	53.4	277.1	111,100	203,800*									120
125	49.6	272.9	105,500	194,900*									125
130	45.5	268.0	100,300	186,700*									130
135	41.2	262.5	95,500	178,800	54.4	272.7	84,700	170,400					135
140	36.4	255.9	91,100	171,200	50.7	268.7	80,700	163,100					140
145	30.9	247.9	86,900	164,000	46.7	264.0	77,000	156,400					145
150	24.3	237.7	82,900	157,400	42.5	258.7	73,500	150,100					150
155	14.9	222.4	79,000	151,100	37.8	252.4	70,300	144,200	51.4	262.6	61,200	137,200	155
160					32.6	244.9	67,200	138,700	47.5	258.0	58,500	132,000	160
165					26.3	235.5	64,200	133,600	43.3	252.8	55,900	127,200	165
170					18.1	222.3	61,400	128,700	38.7	246.8	53,500	122,600	170
175									33.5	239.5	51,200	118,300	175
180									27.5	230.5	49,000	114,200	180
185									19.8	218.2	46,800	110,300	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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

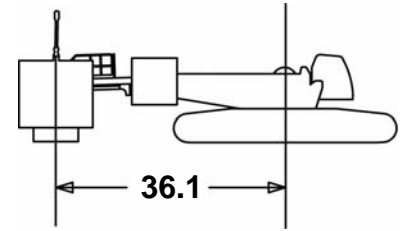
196.9 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	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	
75	70.0	315.4	231,800	268,400* <sup>b</sup>					75
80	67.4	313.3	214,300	258,900* <sup>b</sup>					80
85	64.7	310.9	199,100	249,300*					85
90	61.9	308.3	185,700	237,700*	67.5	311.7	174,700	260,000* <sup>b</sup>	90
95	59.1	305.3	173,800	224,600*	64.8	309.4	163,500	251,100*	95
100	56.2	302.0	163,200	211,400*	62.1	306.7	153,500	242,200*	100
105	53.2	298.3	153,700	200,200*	59.3	303.8	144,500	233,300*	105
110	50.0	294.1	145,100	189,800*	56.3	300.5	136,400	224,800*	110
115	46.7	289.5	137,300	178,800*	53.3	296.8	129,000	216,600*	115
120	43.2	284.3	130,200	168,500*	50.2	292.7	122,300	208,700*	120
125	39.4	278.3	123,700	158,900*	46.9	288.0	116,200	198,300*	125
130	35.3	271.5	117,600	150,100*	43.4	282.9	110,500	185,300*	130
135	30.7	263.4	112,000	142,300*	39.6	276.9	105,200	173,700*	135
140	25.3	253.5	106,800	135,500*	35.5	270.1	100,400	163,300*	140
145	18.4	240.2	101,800	130,100*	31.0	262.1	95,800	153,800*	145
150	5.2	213.4	96,800	109,600*	25.6	252.3	91,500	145,100*	150
155					18.8	239.3	87,400	136,900*	155
160					6.7	214.7	83,300	115,500*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

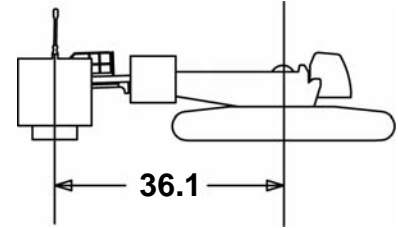
196.9 ft Boom, 118.1 ft Luffing Jib

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	
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120	60.3	300.9	109,200	202,000*									120
125	57.4	297.7	103,600	193,200*									125
130	54.5	294.2	98,500	185,000*									130
135	51.4	290.2	93,800	177,300									135
140	48.1	285.8	89,400	169,700									140
145	44.7	280.8	85,400	162,700	55.3	289.8	74,900	154,600					145
150	41.0	275.2	81,600	156,200	52.3	286.0	71,500	148,400					150
155	37.1	268.8	78,000	150,100	49.1	281.7	68,400	142,600					155
160	32.7	261.2	74,600	144,400	45.7	276.9	65,400	137,200					160
165	27.7	252.2	71,500	139,000	42.1	271.4	62,600	132,100	52.8	279.8	53,700	125,300	165
170	21.6	240.6	68,400	134,000	38.3	265.2	59,900	127,400	49.6	275.6	51,400	120,800	170
175	12.7	223.1	65,400	129,100	34.0	258.1	57,400	122,900	46.3	270.9	49,200	116,600	175
180					29.2	249.5	55,000	118,700	42.8	265.6	47,100	112,600	180
185					23.5	238.9	52,700	114,700	39.0	259.5	45,100	108,800	185
190					15.8	223.8	50,400	110,800	34.8	252.6	43,200	105,200	190
195									30.1	244.3	41,400	101,800	195
200									24.6	234.1	39,700	98,600	200
205									17.4	220.2	37,900	95,400	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  
 313,850 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	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	
85	68.5	332.6	198,100	226,100*					85
90	66.3	330.4	184,700	218,200*					90
95	63.9	327.9	172,900	209,600*					95
100	61.6	325.2	162,300	200,500*	66.4	328.8	152,300	225,900*	100
105	59.2	322.3	152,800	191,100*	64.1	326.4	143,300	222,800*	105
110	56.7	319.0	144,200	181,600*	61.7	323.7	135,200	215,700*	110
115	54.1	315.4	136,400	172,100*	59.3	320.7	127,900	208,600*	115
120	51.5	311.5	129,300	163,100*	56.8	317.5	121,200	201,800*	120
125	48.7	307.1	122,800	154,300*	54.2	313.9	115,000	195,100*	125
130	45.8	302.3	116,800	146,000*	51.6	310.0	109,400	185,900*	130
135	42.8	297.0	111,300	138,200*	48.9	305.7	104,200	174,300*	135
140	39.6	291.1	106,200	130,900*	46.0	300.9	99,400	164,000*	140
145	36.1	284.4	101,400	124,100*	43.0	295.6	94,900	154,600*	145
150	32.3	276.7	97,000	118,000*	39.7	289.7	90,700	146,100*	150
155	28.0	267.7	92,800	112,500*	36.3	283.0	86,800	138,300*	155
160	23.0	256.7	88,800	107,700*	32.5	275.4	83,100	131,100*	160
165	16.5	241.9	85,000	104,100*	28.2	266.5	79,600	124,400*	165
170					23.3	255.6	76,300	118,200*	170
175					16.9	241.1	73,200	111,300*	175
180					4.2	211.1	69,800	93,100*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

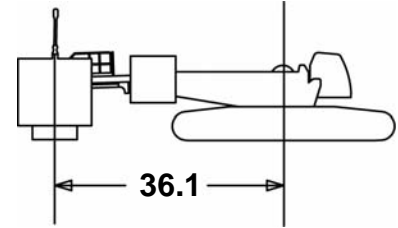
196.9 ft Boom, 137.8 ft Luffing Jib

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	
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	62.6	320.7	102,200	191,700*									125
130	60.2	317.9	97,100	183,600*									130
135	57.7	314.7	92,400	176,000									135
140	55.2	311.3	88,100	168,500									140
145	52.6	307.5	84,000	161,500									145
150	49.9	303.3	80,300	155,000									150
155	47.1	298.7	76,800	148,900	55.9	306.8	66,800	141,300					155
160	44.1	293.6	73,500	143,300	53.3	303.1	63,900	135,900					160
165	40.9	288.0	70,400	138,000	50.7	299.1	61,100	130,900					165
170	37.6	281.6	67,500	133,100	47.9	294.6	58,500	126,200					170
175	33.9	274.4	64,700	128,400	45.0	289.7	56,100	121,700					175
180	29.9	266.0	62,100	124,000	41.9	284.2	53,800	117,600	51.1	293.0	45,500	111,200	180
185	25.2	255.9	59,600	119,800	38.6	278.0	51,600	113,600	48.4	288.6	43,600	107,500	185
190	19.5	243.1	57,100	114,900*	35.0	271.1	49,500	109,900	45.5	283.7	41,800	104,000	190
195	11.0	223.2	54,700	107,100*	31.1	263.1	47,500	106,400	42.4	278.3	40,000	100,600	195
200					26.6	253.6	45,500	103,000	39.2	272.3	38,300	97,500	200
205					21.3	241.7	43,700	99,800	35.7	265.5	36,700	94,400	205
210					14.0	224.9	41,800	96,600	31.8	257.7	35,200	91,600	210
215									27.5	248.5	33,700	88,800	215
220									22.3	237.2	32,300	86,100	220
225									15.5	221.7	30,800	83,600	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  
 313,850 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	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	
95	67.4	349.7	171,400	190,900*					95
100	65.4	347.4	160,800	184,600*					100
105	63.4	344.9	151,300	177,900*	67.5	348.1	141,500	188,300*	105
110	61.3	342.2	142,700	170,800*	65.5	345.9	133,500	188,300*	110
115	59.2	339.2	134,900	163,600*	63.5	343.4	126,100	188,300*	115
120	57.0	336.0	127,800	156,200*	61.4	340.6	119,500	188,300*	120
125	54.8	332.5	121,400	148,900*	59.3	337.7	113,300	184,300*	125
130	52.5	328.7	115,400	141,600*	57.1	334.5	107,700	177,600*	130
135	50.2	324.6	109,900	134,600*	54.9	331.0	102,500	170,600*	135
140	47.7	320.1	104,800	128,000*	52.6	327.2	97,800	163,300*	140
145	45.2	315.1	100,100	121,600*	50.3	323.1	93,300	154,700*	145
150	42.5	309.8	95,700	115,500*	47.8	318.6	89,200	146,200*	150
155	39.7	303.8	91,600	109,900*	45.3	313.7	85,300	138,400*	155
160	36.7	297.3	87,700	104,600*	42.6	308.4	81,700	131,200*	160
165	33.4	289.9	84,100	99,700*	39.8	302.5	78,300	124,700*	165
170	29.9	281.5	80,700	95,300*	36.8	295.9	75,100	118,600*	170
175	25.8	271.6	77,400	91,300*	33.6	288.6	72,000	112,900*	175
180	21.1	259.5	74,300	88,000*	30.0	280.2	69,200	107,700*	180
185	14.9	243.2	71,300	85,400*	26.1	270.4	66,400	102,700*	185
190					21.4	258.5	63,800	98,000*	190
195					15.3	242.5	61,200	91,800*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

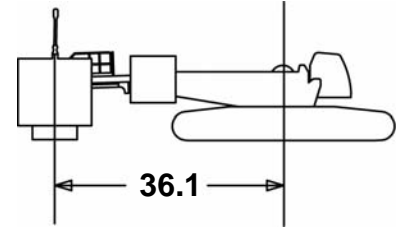
196.9 ft Boom, 157.5 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135	62.2	337.7	90,400	174,200*									135
140	60.1	334.8	86,100	166,800									140
145	57.9	331.7	82,100	159,800									145
150	55.7	328.3	78,300	153,300									150
155	53.5	324.6	74,900	147,300									155
160	51.2	320.6	71,600	141,700									160
165	48.8	316.3	68,600	136,500	56.4	323.9	59,000	129,100					165
170	46.2	311.6	65,700	131,600	54.1	320.3	56,400	124,400					170
175	43.6	306.4	63,000	126,900	51.8	316.4	54,000	120,000					175
180	40.9	300.7	60,400	122,600	49.4	312.1	51,700	115,900					180
185	37.9	294.4	58,000	118,500	47.0	307.5	49,600	112,000					185
190	34.8	287.4	55,700	114,600	44.4	302.5	47,500	108,300	52.2	310.2	39,500	102,100	190
195	31.4	279.4	53,500	110,000*	41.7	296.9	45,600	104,800	49.9	306.0	37,800	98,800	195
200	27.6	270.2	51,400	104,900*	38.8	290.8	43,800	101,500	47.4	301.5	36,200	95,700	200
205	23.2	259.2	49,400	100,100*	35.7	284.0	42,000	98,300	44.9	296.5	34,700	92,700	205
210	17.7	245.1	47,400	95,600*	32.4	276.4	40,300	95,300	42.2	291.1	33,200	89,900	210
215	9.4	222.9	45,400	88,500*	28.7	267.5	38,700	92,500	39.3	285.1	31,800	87,200	215
220					24.5	257.1	37,100	89,700	36.3	278.4	30,400	84,600	220
225					19.5	244.2	35,500	87,100	33.0	270.9	29,100	82,100	225
230					12.4	225.5	34,000	84,500	29.4	262.4	27,800	79,800	230
235									25.3	252.3	26,600	77,500	235
240									20.4	239.9	25,400	75,300	240
245									13.9	222.7	24,200	73,100	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  
313,850 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	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	
110	64.8	364.5	141,500	157,600*					110
115	63.0	361.9	133,700	152,300*	66.6	365.2	124,800	158,600*	115
120	61.1	359.2	126,600	146,800*	64.9	362.9	118,100	158,600*	120
125	59.2	356.2	120,200	141,100*	63.0	360.4	112,000	158,600*	125
130	57.3	353.0	114,200	135,400*	61.2	357.6	106,400	158,600*	130
135	55.3	349.6	108,700	129,600*	59.3	354.6	101,200	158,600*	135
140	53.3	345.9	103,600	123,900*	57.4	351.5	96,400	154,300*	140
145	51.3	341.9	98,900	118,200*	55.4	348.0	92,000	148,900*	145
150	49.1	337.6	94,500	112,800*	53.4	344.4	87,800	143,300*	150
155	46.9	333.0	90,400	107,700*	51.4	340.4	84,000	137,500*	155
160	44.6	328.0	86,600	102,700*	49.2	336.1	80,400	130,600*	160
165	42.3	322.5	83,000	98,000*	47.0	331.5	77,000	124,100*	165
170	39.8	316.6	79,600	93,600*	44.8	326.5	73,800	118,100*	170
175	37.1	310.1	76,400	89,400*	42.4	321.1	70,800	112,500*	175
180	34.3	302.9	73,400	85,500*	39.9	315.2	68,000	107,300*	180
185	31.2	294.9	70,600	81,900*	37.2	308.7	65,300	102,400*	185
190	27.8	285.7	67,800	78,700*	34.4	301.6	62,800	97,900*	190
195	24.0	275.1	65,200	75,800*	31.4	293.6	60,400	93,600*	195
200	19.5	262.0	62,700	73,300*	28.0	284.5	58,100	89,600*	200
205	13.5	244.2	60,300	71,500*	24.2	274.0	55,800	85,800*	205
210					19.8	261.0	53,700	82,100*	210
215					13.9	243.6	51,600	76,500*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

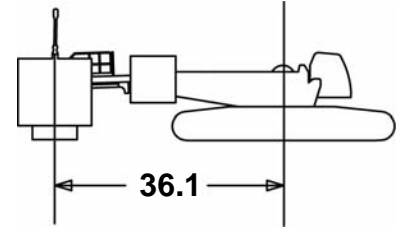
196.9 ft Boom, 177.2 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145	61.9	354.6	80,500	146,300*									145
150	60.0	351.8	76,800	146,300*									150
155	58.1	348.7	73,300	146,000									155
160	56.2	345.3	70,100	140,400									160
165	54.2	341.7	67,000	135,200									165
170	52.1	337.9	64,200	130,300									170
175	50.0	333.7	61,500	125,700	56.7	340.9	52,300	118,600					175
180	47.9	329.2	59,000	121,300	54.8	337.4	50,100	114,500					180
185	45.6	324.4	56,600	117,200	52.7	333.6	47,900	110,600					185
190	43.3	319.1	54,300	113,400	50.6	329.5	45,900	106,900					190
195	40.8	313.4	52,200	109,500*	48.5	325.1	44,000	103,500					195
200	38.2	307.2	50,100	104,500*	46.3	320.4	42,200	100,200					200
205	35.5	300.3	48,200	99,900*	43.9	315.2	40,500	97,100	51.0	323.4	32,900	91,300	205
210	32.5	292.7	46,300	95,500*	41.5	309.7	38,800	94,100	48.9	319.0	31,500	88,500	210
215	29.3	284.0	44,500	91,400*	39.0	303.6	37,300	91,300	46.7	314.4	30,100	85,800	215
220	25.7	274.1	42,800	87,500*	36.3	296.9	35,700	88,600	44.4	309.3	28,800	83,300	220
225	21.5	262.1	41,100	83,800*	33.4	289.5	34,300	86,000	42.0	303.8	27,500	80,800	225
230	16.3	246.8	39,400	80,200*	30.2	281.2	32,900	83,500	39.4	297.8	26,300	78,500	230
235	8.1	221.9	37,700	73,800*	26.8	271.6	31,500	81,200	36.8	291.3	25,100	76,300	235
240					22.8	260.4	30,200	78,900	33.9	284.0	24,000	74,100	240
245					17.9	246.2	28,900	76,700	30.8	275.9	22,900	72,100	245
250					11.1	225.7	27,600	74,500	27.4	266.6	21,900	70,100	250
255									23.5	255.6	20,800	68,200	255
260									18.9	242.2	19,800	66,300	260
265									12.6	223.4	18,700	64,500	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

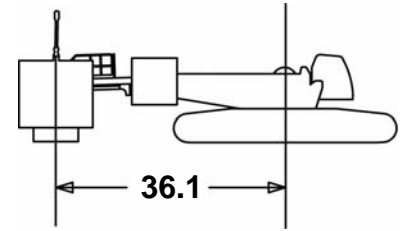
196.9 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	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	
130	60.9	376.1	112,600	127,000*	64.3	379.9	104,500	132,400*	130
135	59.3	373.1	107,100	122,600*	62.7	377.3	99,400	132,400*	135
140	57.5	370.0	102,000	118,100*	61.0	374.6	94,600	132,400*	140
145	55.8	366.6	97,300	113,600*	59.3	371.6	90,200	132,400*	145
150	54.0	363.0	93,000	109,100*	57.6	368.5	86,100	132,400*	150
155	52.1	359.1	88,900	104,600*	55.9	365.1	82,200	128,500*	155
160	50.3	355.0	85,100	100,200*	54.1	361.5	78,700	124,100*	160
165	48.3	350.6	81,500	96,000*	52.2	357.6	75,300	119,900*	165
170	46.3	345.8	78,100	91,900*	50.3	353.5	72,100	115,600*	170
175	44.2	340.7	75,000	88,000*	48.4	349.1	69,200	111,500*	175
180	42.1	335.3	72,000	84,300*	46.4	344.4	66,400	106,800*	180
185	39.8	329.4	69,100	80,800*	44.3	339.3	63,700	101,900*	185
190	37.4	322.9	66,500	77,500*	42.2	333.9	61,200	97,400*	190
195	34.9	315.9	63,900	74,300*	39.9	328.0	58,800	93,200*	195
200	32.3	308.1	61,500	71,400*	37.6	321.6	56,500	89,200*	200
205	29.3	299.5	59,200	68,700*	35.1	314.6	54,400	85,400*	205
210	26.1	289.7	57,000	66,300*	32.4	306.9	52,300	81,900*	210
215	22.5	278.2	54,900	64,100*	29.5	298.3	50,400	78,500*	215
220	18.2	264.1	52,800	62,300*	26.3	288.5	48,500	75,300*	220
225	12.3	244.8	50,800	61,000*	22.7	277.1	46,600	72,200*	225
230					18.4	263.2	44,800	69,300*	230
235					12.7	244.3	43,100	63,900*	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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

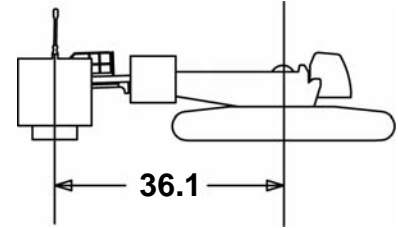
196.9 ft Boom, 196.9 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
130													130
135													135
140													140
145													145
150													150
155	61.6	371.6	71,300	122,100*									155
160	60.0	368.7	68,100	122,100*									160
165	58.3	365.6	65,000	122,100*									165
170	56.5	362.4	62,200	122,100*									170
175	54.7	358.8	59,600	122,100*									175
180	52.9	355.1	57,000	119,700									180
185	51.0	351.0	54,700	115,700	57.0	357.9	45,800	108,800					185
190	49.1	346.8	52,400	111,800	55.2	354.4	43,800	105,200					190
195	47.1	342.2	50,300	108,200	53.4	350.7	41,900	101,700					195
200	45.1	337.2	48,300	104,000*	51.6	346.8	40,100	98,500					200
205	43.0	331.9	46,400	99,400*	49.7	342.6	38,400	95,400					205
210	40.8	326.2	44,500	95,000*	47.7	338.0	36,800	92,400					210
215	38.4	320.0	42,800	90,900*	45.7	333.2	35,300	89,600	51.9	340.6	27,900	84,000	215
220	36.0	313.2	41,100	87,100*	43.6	328.0	33,800	87,000	50.0	336.5	26,600	81,500	220
225	33.4	305.8	39,500	83,500*	41.4	322.4	32,400	84,400	48.1	332.0	25,400	79,100	225
230	30.6	297.5	37,900	80,100*	39.1	316.4	31,000	82,000	46.1	327.2	24,200	76,800	230
235	27.5	288.2	36,400	76,800*	36.7	309.7	29,700	79,700	44.0	322.1	23,000	74,600	235
240	24.1	277.5	35,000	73,700*	34.2	302.5	28,400	77,400	41.8	316.6	22,000	72,500	240
245	20.1	264.7	33,600	70,700*	31.4	294.5	27,200	75,300	39.5	310.6	20,900	70,400	245
250	15.0	248.2	32,200	67,800*	28.4	285.6	26,100	73,200	37.2	304.1	19,900	68,500	250
255	6.8	220.3	30,700	61,600*	25.1	275.3	24,900	71,200	34.6	297.0	18,900	66,600	255
260					21.3	263.2	23,800	69,300	31.9	289.1	18,000	64,800	260
265					16.6	248.0	22,700	67,400	29.0	280.4	17,000	63,100	265
270					9.9	225.5	21,500	65,600	25.7	270.4	16,100	61,400	270
275									22.0	258.7	15,200	59,800	275
280									17.6	244.2	14,400	58,200	280
285									11.4	223.7	13,400	56,600	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  
 313,850 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	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	
145	59.3	390.1	95,600	106,600*	62.4	394.3	88,400	112,500*	145
150	57.7	387.0	91,300	103,100*	60.9	391.5	84,200	112,500*	150
155	56.1	383.6	87,200	99,600*	59.4	388.6	80,400	112,500*	155
160	54.5	380.1	83,400	96,100*	57.8	385.4	76,800	112,500*	160
165	52.8	376.3	79,800	92,500*	56.2	382.1	73,500	112,500*	165
170	51.1	372.3	76,400	89,100*	54.6	378.6	70,300	110,800*	170
175	49.4	368.0	73,300	85,600*	52.9	374.8	67,400	107,400*	175
180	47.6	363.5	70,300	82,300*	51.2	370.8	64,600	104,000*	180
185	45.8	358.7	67,500	79,100*	49.5	366.6	61,900	100,000*	185
190	43.9	353.5	64,800	76,100*	47.7	362.0	59,400	95,500*	190
195	41.9	348.0	62,300	73,100*	45.9	357.2	57,100	91,400*	195
200	39.9	342.1	59,900	70,300*	44.0	352.1	54,800	87,400*	200
205	37.7	335.7	57,600	67,700*	42.0	346.6	52,700	83,800*	205
210	35.5	328.8	55,500	65,100*	40.0	340.7	50,600	80,300*	210
215	33.1	321.3	53,400	62,800*	37.8	334.4	48,700	77,000*	215
220	30.5	313.0	51,400	60,600*	35.6	327.5	46,800	73,900*	220
225	27.7	303.8	49,500	58,500*	33.2	320.0	45,000	70,900*	225
230	24.7	293.3	47,600	56,700*	30.6	311.7	43,300	68,100*	230
235	21.2	281.1	45,900	55,000*	27.9	302.6	41,700	65,500*	235
240	17.0	266.0	44,100	53,700*	24.8	292.2	40,100	62,900*	240
245	11.3	245.1	42,400	50,800*	21.4	280.0	38,600	60,500*	245
250					17.2	265.2	37,100	58,100*	250
255					11.6	244.7	35,500	53,100*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

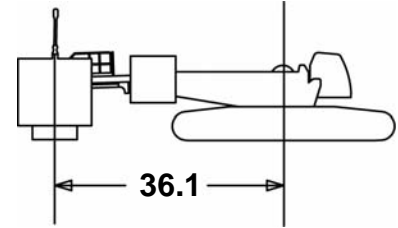
196.9 ft Boom, 216.5 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
145													145
150													150
155													155
160	63.0	391.3	66,000	102,400*									160
165	61.4	388.6	63,000	102,400*									165
170	59.9	385.7	60,200	102,400*									170
175	58.4	382.6	57,600	102,400*									175
180	56.8	379.3	55,100	102,400*									180
185	55.2	375.9	52,700	102,400*									185
190	53.5	372.2	50,500	102,400*									190
195	51.9	368.3	48,400	102,400*	57.2	374.8	39,800	93,900*					195
200	50.1	364.1	46,400	102,000*	55.6	371.4	38,000	93,900*					200
205	48.4	359.7	44,400	97,400*	54.0	367.8	36,300	93,700					205
210	46.6	355.0	42,600	93,200*	52.3	364.0	34,700	90,700					210
215	44.7	350.0	40,900	89,100*	50.6	359.9	33,200	88,000					215
220	42.7	344.7	39,200	85,400*	48.9	355.6	31,700	85,300					220
225	40.7	338.9	37,700	81,800*	47.1	351.0	30,300	82,800	52.6	357.8	23,200	77,300	225
230	38.6	332.7	36,100	78,500*	45.2	346.0	29,000	80,400	50.9	353.8	22,000	75,000	230
235	36.4	326.1	34,700	75,300*	43.3	340.8	27,700	78,000	49.2	349.5	20,900	72,800	235
240	34.1	318.8	33,300	72,300*	41.3	335.2	26,500	75,800	47.4	344.9	19,800	70,700	240
245	31.6	310.9	31,900	69,500*	39.2	329.1	25,300	73,700	45.6	340.1	18,800	68,700	245
250	28.9	302.1	30,600	66,800*	37.1	322.6	24,200	71,700	43.7	334.9	17,800	66,800	250
255	26.0	292.1	29,400	64,200*	34.8	315.5	23,100	69,700	41.7	329.3	16,900	65,000	255
260	22.7	280.7	28,100	61,700*	32.3	307.8	22,000	67,800	39.6	323.4	15,900	63,200	260
265	18.8	267.1	26,900	59,300*	29.7	299.2	21,000	66,000	37.5	316.9	15,100	61,500	265
270	13.9	249.3	25,700	56,900*	26.9	289.7	20,000	64,200	35.2	310.0	14,200	59,800	270
275	5.5	217.9	24,400	50,900*	23.7	278.7	19,000	62,600	32.8	302.3	13,400	58,200	275
280					20.0	265.8	18,000	60,300*	30.2	293.9	12,500	56,700	280
285					15.5	249.5	17,100	57,900*	27.4	284.6	11,800	55,200	285
290					8.9	224.9	16,100	55,400*	24.3	273.9	11,000	53,800	290
295									20.7	261.4	10,200	52,400	295
300									16.4	245.9	9,400	51,000	300
305									10.4	223.7	8,600	49,600	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  
 313,850 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	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	
165	56.4	400.6	78,200	87,400*	59.4	405.5	71,700	95,600*	165
170	54.9	397.1	74,900	84,600*	57.9	402.4	68,600	95,600*	170
175	53.4	393.4	71,700	81,900*	56.5	399.1	65,600	95,600*	175
180	51.9	389.5	68,700	79,100*	55.0	395.6	62,900	95,500*	180
185	50.3	385.4	65,900	76,400*	53.5	391.9	60,200	94,700*	185
190	48.7	381.0	63,300	73,700*	52.0	388.0	57,700	92,000*	190
195	47.0	376.4	60,800	71,100*	50.4	383.9	55,400	89,300*	195
200	45.3	371.5	58,400	68,500*	48.8	379.6	53,200	86,500*	200
205	43.6	366.3	56,100	66,100*	47.1	375.0	51,000	82,800*	205
210	41.8	360.8	54,000	63,800*	45.4	370.1	49,000	79,300*	210
215	39.9	354.9	51,900	61,500*	43.7	364.9	47,100	76,000*	215
220	38.0	348.5	50,000	59,400*	41.9	359.4	45,200	72,900*	220
225	35.9	341.7	48,100	57,300*	40.0	353.5	43,500	69,900*	225
230	33.7	334.4	46,300	55,400*	38.0	347.1	41,800	67,100*	230
235	31.5	326.3	44,600	53,600*	36.0	340.4	40,200	64,500*	235
240	29.0	317.5	42,900	51,900*	33.9	333.0	38,600	62,000*	240
245	26.3	307.7	41,300	50,300*	31.6	325.1	37,100	59,500*	245
250	23.4	296.6	39,700	48,900*	29.1	316.3	35,700	57,200*	250
255	20.0	283.6	38,200	47,600*	26.5	306.6	34,300	55,000*	255
260	15.9	267.6	36,800	46,600*	23.5	295.5	33,000	52,900*	260
265	10.3	245.1	35,300	41,900*	20.2	282.6	31,700	50,800*	265
270					16.2	266.8	30,400	48,700*	270
275					10.7	244.8	29,100	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

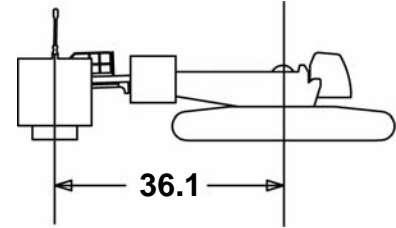
196.9 ft Boom, 236.2 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
165													165
170	62.7	408.2	58,200	87,200*									170
175	61.3	405.5	55,600	87,200*									175
180	59.9	402.6	53,100	87,200*									180
185	58.5	399.6	50,800	87,200*									185
190	57.0	396.3	48,600	87,200*									190
195	55.5	392.9	46,500	87,200*									195
200	54.1	389.3	44,500	87,200*									200
205	52.5	385.5	42,600	87,200*	57.4	391.8	34,300	79,400*					205
210	51.0	381.5	40,800	87,200*	56.0	388.5	32,700	79,400*					210
215	49.4	377.2	39,100	87,200*	54.5	384.9	31,200	79,400*					215
220	47.7	372.7	37,400	84,400*	53.0	381.1	29,700	79,400*					220
225	46.1	367.9	35,900	80,800*	51.4	377.2	28,300	79,400*					225
230	44.3	362.8	34,400	77,400*	49.8	373.0	27,000	78,700					230
235	42.5	357.4	32,900	74,300*	48.2	368.5	25,800	76,400					235
240	40.7	351.7	31,600	71,300*	46.5	363.8	24,600	74,200	51.7	371.0	17,700	69,000	240
245	38.8	345.5	30,200	68,400*	44.8	358.9	23,400	72,100	50.1	366.9	16,700	67,000	245
250	36.8	338.9	29,000	65,700*	43.1	353.5	22,300	70,100	48.5	362.5	15,700	65,100	250
255	34.7	331.8	27,700	63,200*	41.2	347.9	21,200	68,200	46.8	357.8	14,800	63,300	255
260	32.4	324.1	26,500	60,700*	39.3	341.9	20,200	66,300	45.1	352.9	13,900	61,500	260
265	30.0	315.6	25,400	58,300*	37.4	335.4	19,200	64,500	43.4	347.6	13,000	59,800	265
270	27.5	306.3	24,300	56,100*	35.3	328.4	18,200	62,800	41.6	342.1	12,200	58,200	270
275	24.6	295.8	23,200	53,900*	33.1	320.9	17,300	61,100	39.7	336.1	11,400	56,600	275
280	21.5	283.6	22,200	51,800*	30.7	312.7	16,400	59,300*	37.7	329.7	10,600	55,100	280
285	17.7	269.1	21,100	49,800*	28.2	303.6	15,500	57,000*	35.6	322.9	9,900	53,700	285
290	13.0	250.1	20,100	47,700*	25.5	293.5	14,600	54,800*	33.5	315.4	9,100	52,300	290
295	4.2	214.3	18,900	41,900*	22.4	281.9	13,800	52,700*	31.2	307.3	8,400	50,900	295
300					18.9	268.1	12,900	50,600*	28.7	298.4	7,700	49,600	300
305					14.5	250.8	12,100	48,600*	26.0	288.5	7,000	48,300	305
310					7.9	223.9	11,200	46,500*	23.0	277.2	6,300	47,000*	310
315									19.6	263.9	5,700	45,700*	315
320									15.4	247.4	5,000	44,300*	320
325									9.4	223.4	4,300	43,000*	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  
120,000 lb Carbody Counterweight  
313,850 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	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	
185	53.9	410.5	64,500	72,300*	56.7	416.1	58,700	80,800*	185
190	52.5	406.7	61,900	70,100*	55.4	412.7	56,200	80,600*	190
195	51.1	402.7	59,400	67,900*	54.0	409.0	53,900	80,500*	195
200	49.6	398.5	57,000	65,800*	52.6	405.2	51,700	80,300*	200
205	48.1	394.0	54,700	63,600*	51.1	401.2	49,500	79,200*	205
210	46.6	389.3	52,600	61,600*	49.7	397.0	47,500	77,100*	210
215	45.0	384.3	50,600	59,600*	48.2	392.5	45,600	74,400*	215
220	43.4	379.1	48,600	57,600*	46.6	387.9	43,800	71,400*	220
225	41.7	373.5	46,700	55,700*	45.1	382.9	42,000	68,500*	225
230	39.9	367.6	44,900	53,900*	43.4	377.7	40,400	65,700*	230
235	38.1	361.3	43,200	52,200*	41.8	372.1	38,800	63,100*	235
240	36.3	354.6	41,600	50,600*	40.0	366.2	37,200	60,600*	240
245	34.3	347.4	40,000	49,000*	38.2	359.9	35,800	58,300*	245
250	32.2	339.6	38,500	47,500*	36.4	353.2	34,300	56,000*	250
255	30.0	331.1	37,000	46,100*	34.4	346.0	33,000	53,900*	255
260	27.7	321.8	35,600	44,800*	32.3	338.3	31,700	51,800*	260
265	25.1	311.5	34,300	43,600*	30.1	329.8	30,400	49,800*	265
270	22.2	299.7	32,900	42,500*	27.8	320.6	29,200	47,900*	270
275	19.0	286.0	31,600	41,600*	25.2	310.3	28,000	46,100*	275
280	15.0	269.0	30,400	38,900*	22.4	298.6	26,800	44,300*	280
285	9.4	244.7	29,100	34,300*	19.1	285.0	25,700	42,500*	285
290					15.2	268.3	24,500	40,700*	290
295					9.8	244.6	23,400	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

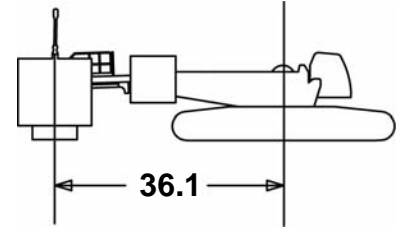
196.9 ft Boom, 255.9 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
185	61.1	422.5	49,100	74,000*									185
190	59.8	419.6	46,900	74,000*									190
195	58.5	416.5	44,800	74,000*									195
200	57.2	413.3	42,800	74,000*									200
205	55.9	409.9	40,900	74,000*									205
210	54.5	406.4	39,100	74,000*									210
215	53.1	402.6	37,400	74,000*	57.6	408.8	29,400	67,000*					215
220	51.7	398.7	35,800	74,000*	56.2	405.5	28,000	67,000*					220
225	50.2	394.6	34,300	74,000*	54.9	402.0	26,600	67,000*					225
230	48.7	390.2	32,800	74,000*	53.5	398.3	25,300	67,000*					230
235	47.2	385.6	31,300	72,700*	52.1	394.4	24,100	67,000*					235
240	45.6	380.7	30,000	69,800*	50.6	390.3	22,900	67,000*					240
245	44.0	375.6	28,700	67,000*	49.1	386.0	21,700	67,000*					245
250	42.4	370.2	27,400	64,300*	47.6	381.5	20,600	67,000*	52.3	388.2	13,900	61,300*	250
255	40.7	364.4	26,200	61,800*	46.1	376.7	19,500	66,800	50.9	384.2	13,000	61,300*	255
260	38.9	358.3	25,000	59,400*	44.5	371.7	18,500	65,000	49.4	379.9	12,100	60,100	260
265	37.1	351.7	23,900	57,100*	42.9	366.3	17,500	63,200	47.9	375.5	11,300	58,400	265
270	35.1	344.7	22,800	54,900*	41.2	360.6	16,600	61,500	46.4	370.7	10,500	56,800	270
275	33.1	337.2	21,800	52,800*	39.4	354.6	15,700	59,800	44.8	365.7	9,700	55,200	275
280	31.0	329.0	20,800	50,800*	37.6	348.2	14,800	58,000*	43.2	360.4	8,900	53,700	280
285	28.7	320.1	19,800	48,900*	35.7	341.3	13,900	55,700*	41.5	354.8	8,200	52,300	285
290	26.2	310.2	18,800	47,000*	33.7	334.0	13,100	53,600*	39.7	348.9	7,400	50,800*	290
295	23.5	299.1	17,900	45,200*	31.6	326.0	12,300	51,600*	37.9	342.5	6,800	49,400*	295
300	20.4	286.3	17,000	43,400*	29.3	317.3	11,500	49,600*	36.0	335.7	6,100	48,000*	300
305	16.8	270.9	16,100	41,700*	26.9	307.7	10,700	47,800*	34.1	328.5	5,400	46,600*	305
310	12.1	250.6	15,200	39,900*	24.3	297.0	10,000	45,900*	32.0	320.6	4,800	45,300*	310
315	2.5	208.1	14,100	33,900*	21.3	284.7	9,200	44,200*	29.7	312.0	4,200	44,000*	315
320					17.9	270.2	8,500	42,400*	27.4	302.6	3,500	42,700*	320
325					13.6	251.7	7,800	40,700*	24.8	292.1	2,900	41,500*	325
330					6.9	222.4	7,000	38,900*	21.9	280.2	2,300	40,300*	330
335									18.5	266.1	1,800	39,100*	335
340									14.4	248.6		37,900*	340
345									8.5	222.6		36,700*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

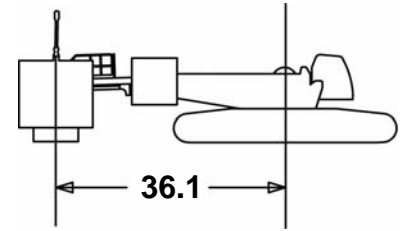
196.9 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	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	
200	53.0	423.9	55,300	62,100*	55.7	429.7	49,800	67,500*	200
205	51.7	419.9	53,000	60,400*	54.4	426.1	47,700	67,300*	205
210	50.3	415.8	50,900	58,600*	53.1	422.4	45,700	67,000*	210
215	49.0	411.5	48,800	56,900*	51.8	418.5	43,800	66,800*	215
220	47.6	407.0	46,900	55,200*	50.4	414.3	42,000	66,600*	220
225	46.1	402.2	45,000	53,600*	49.0	410.0	40,200	66,400*	225
230	44.7	397.1	43,300	52,000*	47.6	405.5	38,600	64,200*	230
235	43.1	391.9	41,600	50,500*	46.2	400.7	37,000	61,600*	235
240	41.6	386.3	39,900	49,000*	44.7	395.7	35,400	59,100*	240
245	40.0	380.4	38,400	47,500*	43.2	390.4	34,000	56,800*	245
250	38.3	374.1	36,900	46,100*	41.7	384.9	32,600	54,500*	250
255	36.6	367.4	35,400	44,800*	40.1	379.0	31,200	52,400*	255
260	34.8	360.3	34,100	43,500*	38.4	372.7	29,900	50,300*	260
265	32.9	352.7	32,700	42,300*	36.7	366.1	28,700	48,400*	265
270	30.9	344.5	31,400	41,100*	34.9	359.0	27,500	46,500*	270
275	28.8	335.6	30,200	40,100*	33.0	351.4	26,300	44,700*	275
280	26.5	325.8	29,000	39,100*	31.0	343.2	25,200	43,000*	280
285	24.0	314.9	27,800	37,800*	28.9	334.4	24,100	41,300*	285
290	21.2	302.6	26,600	36,300*	26.6	324.6	23,000	39,600*	290
295	18.0	288.1	25,500	34,800*	24.1	313.8	22,000	38,000*	295
300	14.1	270.1	24,400	31,500*	21.4	301.5	21,000	36,500*	300
305	8.6	244.1	23,200	27,300*	18.2	287.2	20,000	35,000*	305
310					14.4	269.5	19,000	33,100*	310
315					9.0	244.1	18,000	29,100*	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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

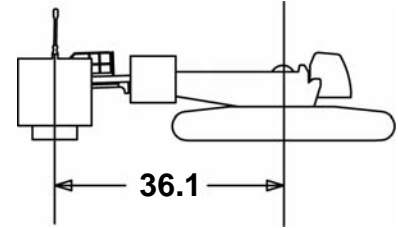
196.9 ft Boom, 275.6 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
200	59.8	436.5	40,700	62,600*									200
205	58.6	433.5	38,900	62,600*									205
210	57.4	430.3	37,100	62,600*									210
215	56.1	427.0	35,400	62,600*									215
220	54.9	423.5	33,800	62,600*									220
225	53.6	419.8	32,200	62,600*	57.7	425.8	24,400	56,500*					225
230	52.2	415.9	30,800	62,600*	56.5	422.5	23,100	56,500*					230
235	50.9	411.9	29,400	62,600*	55.2	419.0	21,900	56,500*					235
240	49.5	407.6	28,000	62,600*	53.9	415.4	20,700	56,500*					240
245	48.2	403.2	26,700	62,600*	52.6	411.6	19,600	56,500*					245
250	46.7	398.5	25,500	62,600*	51.3	407.6	18,500	56,500*					250
255	45.3	393.6	24,300	60,200*	49.9	403.4	17,400	56,500*					255
260	43.8	388.4	23,100	57,800*	48.6	399.0	16,400	56,500*	52.9	405.4	9,900	51,200*	260
265	42.2	382.9	22,000	55,600*	47.1	394.4	15,500	56,500*	51.5	401.5	9,100	51,200*	265
270	40.7	377.2	21,000	53,400*	45.7	389.6	14,500	56,500*	50.2	397.3	8,300	51,200*	270
275	39.0	371.1	19,900	51,300*	44.2	384.5	13,600	56,500*	48.8	393.0	7,500	51,200*	275
280	37.3	364.6	18,900	49,300*	42.7	379.1	12,800	56,400*	47.4	388.4	6,700	51,200*	280
285	35.5	357.7	18,000	47,400*	41.1	373.4	11,900	54,200*	46.0	383.6	6,000	50,000*	285
290	33.7	350.3	17,000	45,600*	39.5	367.4	11,100	52,100*	44.5	378.5	5,300	48,500*	290
295	31.7	342.3	16,100	43,800*	37.8	361.0	10,300	50,100*	43.0	373.2	4,600	47,100*	295
300	29.7	333.7	15,300	42,100*	36.0	354.2	9,500	48,200*	41.4	367.6	4,000	45,700*	300
305	27.4	324.3	14,400	40,500*	34.2	347.0	8,800	46,300*	39.8	361.6	3,300	44,300*	305
310	25.0	313.9	13,600	38,900*	32.3	339.2	8,100	44,500*	38.1	355.3	2,700	43,000*	310
315	22.4	302.2	12,700	37,300*	30.3	330.8	7,400	42,800*	36.4	348.6	2,100	41,700*	315
320	19.4	288.8	11,900	35,800*	28.1	321.6	6,700	41,100*	34.5	341.4	1,500	40,500*	320
325	15.9	272.5	11,100	34,300*	25.7	311.5	6,000	39,500*	32.6	333.7		39,300*	325
330	11.3	250.9	10,300	32,800*	23.2	300.3	5,400	38,000*	30.6	325.5		38,100*	330
335					20.3	287.4	4,700	36,400*	28.5	316.5		37,000*	335
340					17.0	272.1	4,100	34,900*	26.2	306.5		35,900*	340
345					12.8	252.5	3,400	33,500*	23.7	295.5		34,800*	345
350					6.0	220.4	2,700	31,900*	20.9	283.0		33,700*	350
355									17.6	268.2		32,700*	355
360									13.6	249.6		31,600*	360
365									7.7	221.6		30,600*	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  
 313,850 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	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	
70	65.1	295.2	251,900	284,800* <b>b</b>					70
75	61.0	292.4	231,800	276,500* <b>b</b>					75
80	56.6	289.2	214,400	263,600* <b>b</b>	66.2	294.0	201,200	290,500* <b>c</b>	80
85	52.1	285.3	199,200	246,800*	62.0	291.3	187,000	281,400* <b>b</b>	85
90	47.1	280.8	185,900	232,900*	57.8	288.2	174,500	267,800* <b>b</b>	90
95	41.8	275.3	174,000	221,400*	53.2	284.5	163,300	254,100* <b>b</b>	95
100	35.7	268.7	163,300	212,200*	48.4	280.2	153,400	240,500*	100
105	28.5	260.1	153,600	200,800*	43.2	275.0	144,400	227,000*	105
110	18.6	247.5	144,600	185,900*	37.3	268.7	136,200	213,600*	110
115					30.4	260.6	128,700	200,000*	115
120					21.5	249.5	121,800	185,800*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

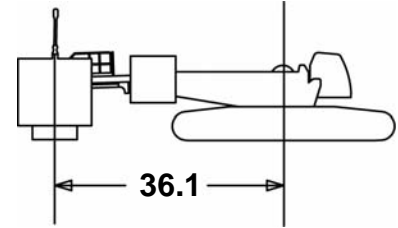
216.5 ft Boom, 78.7 ft Luffing Jib

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	
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105	60.8	286.1	128,500	233,600*b									105
110	56.4	282.8	121,300	222,100*b									110
115	51.8	278.9	114,700	211,600*b									115
120	46.9	274.4	108,700	202,000*									120
125	41.5	268.9	103,100	193,100*									125
130	35.4	262.1	98,000	184,900*	54.7	275.4	85,700	175,900 <b>b</b>					130
135	28.1	253.4	93,100	177,000	50.0	271.3	81,600	168,100					135
140	18.0	240.5	88,500	169,200	44.9	266.4	77,700	160,900					140
145					39.2	260.5	74,100	154,200					145
150					32.8	253.1	70,600	147,900	52.4	265.9	60,500	140,100 <b>b</b>	150
155					24.7	243.2	67,300	142,000	47.5	261.4	57,700	134,700	155
160					11.7	226.1	64,000	136,400	42.1	256.0	55,100	129,500	160
165									36.1	249.4	52,600	124,700	165
170									29.0	241.0	50,200	120,200	170
175									19.4	228.8	47,900	115,800	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  
 313,850 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	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	
80	64.0	312.2	213,900	247,300* <b>b</b>					80
85	60.7	309.4	198,800	240,400* <b>b</b>					85
90	57.2	306.2	185,400	228,000*	64.8	311.0	173,500	252,700* <b>b</b>	90
95	53.6	302.5	173,600	215,600*	61.5	308.3	162,500	243,400* <b>b</b>	95
100	49.8	298.4	163,100	203,600*	58.1	305.2	152,600	233,300*	100
105	45.8	293.6	153,600	192,200*	54.6	301.7	143,700	223,200*	105
110	41.5	288.1	145,000	181,500*	50.8	297.6	135,700	213,100*	110
115	36.7	281.6	137,200	171,600*	46.9	293.0	128,300	203,200*	115
120	31.3	273.7	130,000	163,000*	42.6	287.7	121,700	193,300*	120
125	24.8	263.7	123,300	155,700*	38.0	281.5	115,500	183,600*	125
130	15.7	248.9	117,000	150,600*	32.7	274.0	109,800	173,800*	130
135					26.6	264.7	104,500	163,700*	135
140					18.4	251.6	99,400	153,000*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

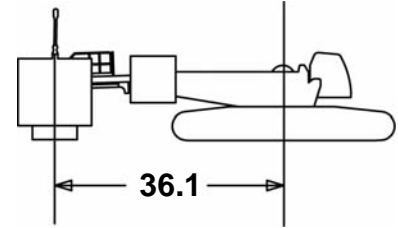
### 216.5 ft Boom, 98.4 ft Luffing Jib

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	
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115	60.5	303.0	113,400	210,300*b									115
120	57.1	299.8	107,500	200,800*									120
125	53.5	296.1	102,100	192,000*									125
130	49.7	292.0	97,000	183,900*									130
135	45.6	287.2	92,400	176,200									135
140	41.3	281.6	88,100	168,700	55.7	292.5	76,300	159,600					140
145	36.5	275.0	84,000	161,700	52.0	288.6	72,800	153,000					145
150	31.0	267.1	80,200	155,200	48.1	284.2	69,500	146,900					150
155	24.4	257.0	76,600	149,100	44.0	279.1	66,400	141,200					155
160	15.1	241.8	73,100	143,300	39.5	273.2	63,500	135,800					160
165					34.5	266.2	60,800	130,800	50.1	279.0	51,300	123,500	165
170					28.6	257.6	58,100	126,100	46.1	274.2	49,100	119,100	170
175					21.3	246.1	55,600	121,600	41.8	268.7	46,900	114,900	175
180					9.0	225.5	52,900	117,200	37.0	262.3	44,900	111,000	180
185									31.7	254.6	43,000	107,200	185
190									25.2	244.7	41,100	103,700	190
195									16.4	230.5	39,200	100,200	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  
 313,850 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	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	
85	66.0	331.6	197,500	220,500* <sup>b</sup>					85
90	63.3	329.1	184,100	211,400*					90
95	60.5	326.3	172,400	201,900*	66.6	330.4	160,800	227,400* <sup>b</sup>	95
100	57.6	323.2	161,800	192,100*	64.0	328.0	150,900	220,700*	100
105	54.6	319.6	152,400	182,400*	61.2	325.2	142,100	213,200*	105
110	51.6	315.7	143,900	173,000*	58.3	322.2	134,100	205,500*	110
115	48.3	311.3	136,100	163,800*	55.4	318.7	126,800	197,700*	115
120	44.9	306.4	129,000	155,200*	52.4	314.9	120,200	190,000*	120
125	41.3	300.8	122,500	147,100*	49.2	310.6	114,100	182,400*	125
130	37.3	294.4	116,600	139,500*	45.8	305.9	108,500	174,800*	130
135	33.0	287.0	111,000	132,700*	42.2	300.5	103,400	167,300*	135
140	28.0	278.1	105,800	126,700*	38.4	294.3	98,600	159,700*	140
145	22.0	266.7	101,000	121,800*	34.2	287.1	94,100	151,800*	145
150	13.5	249.8	96,300	118,600*	29.4	278.7	89,900	144,600*	150
155					23.7	268.1	85,900	137,100*	155
160					16.1	253.2	82,100	128,600*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

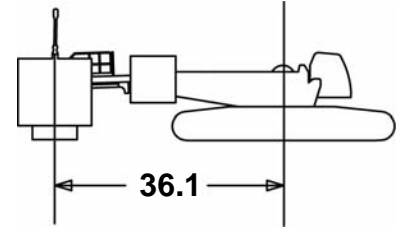
216.5 ft Boom, 118.1 ft Luffing Jib

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	
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	60.3	320.0	100,100	190,100*									125
130	57.5	316.8	95,100	182,100*									130
135	54.5	313.3	90,500	174,600									135
140	51.4	309.3	86,300	167,100									140
145	48.2	304.9	82,300	160,200									145
150	44.8	300.0	78,700	153,800	56.3	309.5	67,400	145,100					150
155	41.1	294.3	75,200	147,800	53.3	305.8	64,300	139,400					155
160	37.2	287.9	72,000	142,200	50.2	301.7	61,500	134,100					160
165	32.8	280.4	68,900	136,900	46.9	297.1	58,900	129,200					165
170	27.8	271.4	66,000	132,000	43.4	291.9	56,300	124,500					170
175	21.7	259.9	63,200	127,300	39.6	286.0	54,000	120,200	51.8	296.3	44,700	113,100	175
180	13.0	242.6	60,400	122,400*	35.5	279.2	51,700	116,100	48.5	291.9	42,800	109,200	180
185					31.0	271.2	49,500	112,100	45.1	287.0	40,900	105,500	185
190					25.6	261.4	47,500	108,400	41.5	281.5	39,200	102,100	190
195					18.8	248.3	45,400	104,900	37.6	275.2	37,500	98,800	195
200					6.6	223.7	43,200	101,300	33.3	267.8	35,900	95,700	200
205									28.4	259.0	34,300	92,700	205
210									22.5	247.9	32,800	89,800	210
215									14.2	231.6	31,200	87,000	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

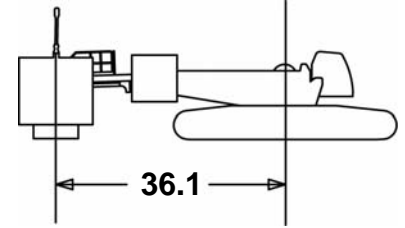
216.5 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	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	
100	62.7	346.1	160,800	179,400*	67.9	349.7	149,600	194,300*	100
105	60.3	343.3	151,400	171,800*	65.6	347.5	140,800	194,300*	105
110	57.9	340.1	142,900	164,200*	63.3	344.9	132,800	193,500*	110
115	55.4	336.7	135,100	156,500*	60.9	342.2	125,600	187,700*	115
120	52.8	333.0	128,100	149,000*	58.5	339.1	119,000	181,700*	120
125	50.1	328.8	121,600	141,700*	56.0	335.8	112,900	175,800*	125
130	47.2	324.2	115,700	134,700*	53.4	332.1	107,400	169,700*	130
135	44.3	319.2	110,200	128,100*	50.7	328.0	102,200	162,300*	135
140	41.2	313.5	105,100	121,700*	48.0	323.6	97,500	154,900*	140
145	37.8	307.2	100,400	115,900*	45.0	318.7	93,100	147,700*	145
150	34.2	300.1	96,000	110,500*	42.0	313.2	89,000	140,700*	150
155	30.1	291.8	91,800	105,700*	38.7	307.1	85,100	134,100*	155
160	25.5	281.9	87,900	101,500*	35.1	300.1	81,500	127,800*	160
165	19.9	269.2	84,200	98,000*	31.2	292.2	78,100	121,900*	165
170	11.7	250.2	80,600	95,900*	26.8	282.7	74,900	116,600*	170
175					21.5	271.0	71,800	112,000*	175
180					14.2	254.4	68,800	107,600*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

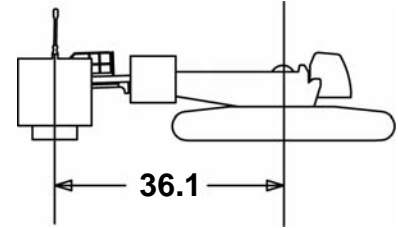
216.5 ft Boom, 137.8 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100													100
105													105
110													110
115													115
120													120
125													125
130	62.6	339.8	93,600	180,600*									130
135	60.2	336.9	89,000	173,200*									135
140	57.8	333.8	84,800	165,800									140
145	55.2	330.4	80,900	158,900									145
150	52.6	326.6	77,300	152,500									150
155	49.9	322.4	73,900	146,600									155
160	47.1	317.8	70,700	141,000	56.8	326.5	59,900	132,700					160
165	44.1	312.7	67,700	135,800	54.2	323.0	57,300	127,800					165
170	41.0	307.1	64,900	130,900	51.6	319.0	54,800	123,200					170
175	37.7	300.7	62,200	126,300	48.9	314.7	52,500	118,900					175
180	34.0	293.5	59,700	122,000	46.0	309.9	50,300	114,800					180
185	30.0	285.2	57,200	117,900	43.0	304.6	48,200	111,000	52.9	313.5	39,200	104,100	185
190	25.3	275.2	54,900	114,000	39.7	298.7	46,200	107,300	50.2	309.4	37,500	100,700	190
195	19.6	262.4	52,700	110,300	36.3	292.1	44,300	103,900	47.4	304.8	35,900	97,400	195
200	11.2	242.8	50,400	104,500*	32.5	284.5	42,500	100,600	44.5	299.8	34,400	94,400	200
205					28.2	275.6	40,800	97,500	41.4	294.2	32,900	91,400	205
210					23.3	264.7	39,100	94,500	38.0	288.0	31,500	88,700	210
215					16.9	250.1	37,400	91,600	34.4	280.9	30,100	86,000	215
220					4.2	220.1	35,500	88,600	30.4	272.6	28,800	83,500	220
225									25.8	262.9	27,500	81,000	225
230									20.3	250.5	26,200	78,600	230
235									12.4	232.1	24,900	76,300	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  
 313,850 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	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	
120	58.1	357.1	126,600	141,300*	62.8	361.9	117,200	166,000*	120
125	55.9	353.8	120,100	135,200*	60.8	359.1	111,100	164,700*	125
130	53.6	350.1	114,200	129,300*	58.6	356.1	105,600	159,400*	130
135	51.3	346.1	108,800	123,400*	56.4	352.8	100,500	153,800*	135
140	48.9	341.8	103,700	117,700*	54.2	349.2	95,800	148,100*	140
145	46.4	337.1	99,000	112,300*	51.9	345.3	91,400	142,200*	145
150	43.8	332.0	94,600	107,100*	49.5	341.1	87,300	136,200*	150
155	41.1	326.3	90,600	102,200*	47.1	336.5	83,500	130,400*	155
160	38.1	320.0	86,700	97,600*	44.5	331.5	80,000	124,700*	160
165	35.0	313.1	83,200	93,300*	41.8	325.9	76,600	119,200*	165
170	31.6	305.2	79,800	89,500*	38.9	319.9	73,500	113,900*	170
175	27.8	296.1	76,600	86,000*	35.8	313.1	70,500	108,900*	175
180	23.5	285.2	73,500	82,900*	32.5	305.4	67,700	104,200*	180
185	18.1	271.4	70,500	80,500*	28.8	296.7	65,000	99,800*	185
190	10.2	250.1	67,600	79,100*	24.7	286.3	62,400	95,800*	190
195					19.6	273.5	60,000	92,400*	195
200					12.7	255.1	57,500	88,600*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

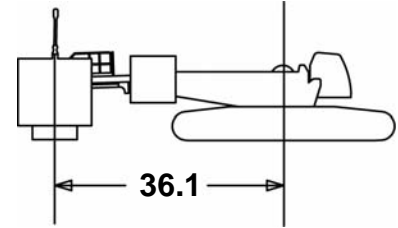
216.5 ft Boom, 157.5 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
120													120
125													125
130													130
135													135
140	62.2	356.7	82,700	155,600*									140
145	60.1	353.9	78,800	155,600*									145
150	58.0	350.8	75,200	150,800									150
155	55.8	347.4	71,800	144,900									155
160	53.5	343.7	68,700	139,400									160
165	51.2	339.7	65,700	134,200									165
170	48.8	335.4	63,000	129,300	57.1	343.5	52,500	121,400					170
175	46.3	330.7	60,300	124,800	54.9	340.0	50,300	117,100					175
180	43.7	325.5	57,900	120,500	52.6	336.2	48,100	113,000					180
185	40.9	319.8	55,500	116,500	50.3	332.1	46,100	109,200					185
190	38.0	313.5	53,300	112,600	47.8	327.6	44,100	105,600					190
195	34.9	306.5	51,200	109,000	45.3	322.8	42,300	102,200					195
200	31.5	298.6	49,200	105,600	42.6	317.4	40,500	99,000	51.5	326.7	32,100	92,500	200
205	27.7	289.4	47,200	102,300	39.8	311.5	38,900	95,900	49.1	322.4	30,600	89,600	205
210	23.3	278.5	45,300	99,100	36.8	305.0	37,300	93,000	46.6	317.7	29,300	86,900	210
215	17.9	264.5	43,500	95,600*	33.6	297.6	35,700	90,200	44.0	312.6	28,000	84,200	215
220	9.7	242.5	41,600	89,100*	30.0	289.2	34,300	87,500	41.2	307.0	26,700	81,700	220
225					26.1	279.5	32,800	85,000	38.3	300.8	25,500	79,400	225
230					21.3	267.6	31,400	82,500	35.2	293.8	24,300	77,100	230
235					15.2	251.6	30,000	80,100	31.8	286.0	23,200	74,900	235
240									28.1	277.0	22,100	72,800	240
245									23.8	266.3	21,100	70,700	245
250									18.5	252.7	20,000	68,800	250
255									10.9	232.3	18,900	66,800	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  
313,850 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	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	
115	67.9	386.1	122,300	141,100*	115
120	66.1	383.9	115,700	141,100*	120
125	64.3	381.5	109,700	141,100*	125
130	62.5	378.9	104,200	141,100*	130
135	60.6	376.1	99,100	141,100*	135
140	58.7	373.1	94,400	138,900*	140
145	56.8	369.8	90,000	134,500*	145
150	54.8	366.3	86,000	130,000*	150
155	52.8	362.5	82,200	125,300*	155
160	50.7	358.5	78,600	120,600*	160
165	48.6	354.1	75,300	115,800*	165
170	46.3	349.4	72,200	111,200*	170
175	44.0	344.2	69,200	106,600*	175
180	41.6	338.7	66,500	102,200*	180
185	39.1	332.6	63,800	98,000*	185
190	36.4	326.0	61,300	94,000*	190
195	33.5	318.6	59,000	90,100*	195
200	30.3	310.3	56,700	86,600*	200
205	26.9	300.8	54,500	83,300*	205
210	22.9	289.6	52,500	80,300*	210
215	18.1	275.6	50,400	77,700*	215
220	11.4	255.4	48,400	73,800*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

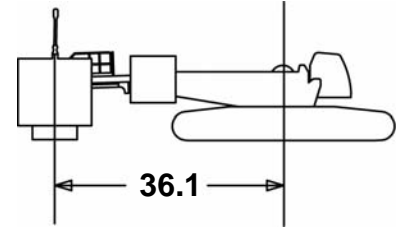
216.5 ft Boom, 177.2 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150	61.9	373.7	73,600	131,800*									150
155	60.1	370.8	70,200	131,800*									155
160	58.2	367.7	67,100	131,800*									160
165	56.2	364.4	64,200	131,800*									165
170	54.2	360.8	61,400	128,000									170
175	52.2	357.0	58,800	123,500									175
180	50.1	352.8	56,400	119,200	57.4	360.5	46,400	111,600					180
185	47.9	348.4	54,000	115,200	55.4	357.1	44,400	107,800					185
190	45.7	343.5	51,800	111,400	53.4	353.4	42,500	104,200					190
195	43.3	338.3	49,800	107,800	51.4	349.4	40,600	100,800					195
200	40.9	332.6	47,800	104,400	49.2	345.2	38,900	97,600					200
205	38.3	326.3	45,900	101,100	47.0	340.5	37,300	94,600					205
210	35.5	319.5	44,100	98,100	44.8	335.6	35,700	91,700	52.4	343.9	27,500	85,400	210
215	32.6	311.8	42,400	95,100	42.4	330.1	34,200	88,900	50.3	339.8	26,200	82,800	215
220	29.4	303.2	40,700	91,500*	39.9	324.2	32,800	86,300	48.1	335.4	25,000	80,300	220
225	25.8	293.3	39,100	87,600*	37.2	317.8	31,400	83,800	45.9	330.6	23,800	78,000	225
230	21.6	281.4	37,500	83,900*	34.4	310.6	30,100	81,400	43.6	325.4	22,700	75,700	230
235	16.4	266.2	36,000	80,300*	31.4	302.7	28,800	79,100	41.1	319.7	21,600	73,600	235
240	8.3	241.6	34,400	74,300*	28.0	293.6	27,600	76,800	38.6	313.5	20,600	71,500	240
245					24.2	283.0	26,400	74,700	35.8	306.7	19,600	69,500	245
250					19.8	270.1	25,200	72,600	32.9	299.2	18,600	67,600	250
255					13.9	252.6	24,000	70,600	29.7	290.7	17,700	65,800	255
260									26.2	280.9	16,700	64,000	260
265									22.1	269.3	15,800	62,300	265
270									17.0	254.6	14,900	60,600	270
275									9.5	231.9	13,900	58,900	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  
313,850 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	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	
125	67.0	403.2	107,800	120,100*	125
130	65.4	400.9	102,300	120,100*	130
135	63.8	398.5	97,200	120,100*	135
140	62.2	395.9	92,500	120,100*	140
145	60.5	393.0	88,200	120,100*	145
150	58.8	390.0	84,100	120,100*	150
155	57.1	386.8	80,400	117,900*	155
160	55.3	383.4	76,800	114,400*	160
165	53.5	379.7	73,500	110,700*	165
170	51.6	375.7	70,400	107,000*	170
175	49.7	371.5	67,500	103,200*	175
180	47.8	367.0	64,800	99,500*	180
185	45.8	362.2	62,200	95,800*	185
190	43.7	357.0	59,700	92,200*	190
195	41.5	351.4	57,300	88,700*	195
200	39.2	345.4	55,100	85,300*	200
205	36.8	338.8	53,000	82,000*	205
210	34.2	331.6	51,000	78,900*	210
215	31.5	323.6	49,000	76,000*	215
220	28.5	314.7	47,200	73,200*	220
225	25.2	304.5	45,400	70,600*	225
230	21.4	292.5	43,700	68,300*	230
235	16.8	277.4	42,000	66,400*	235
240	10.2	255.3	40,300	61,600*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

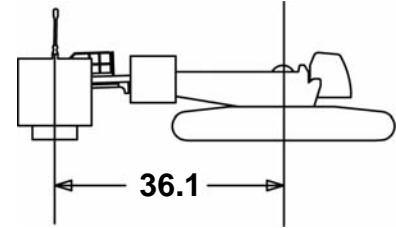
216.5 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	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													125
130													130
135													135
140													140
145													145
150													150
155													155
160	61.7	390.7	65,000	111,300*									160
165	60.0	387.8	62,100	111,300*									165
170	58.3	384.7	59,300	111,300*									170
175	56.5	381.4	56,800	111,300*									175
180	54.8	377.9	54,300	111,300*									180
185	52.9	374.2	52,000	111,300*									185
190	51.1	370.1	49,900	109,800	57.6	377.5	40,200	100,800*					190
195	49.2	365.9	47,800	106,200	55.9	374.1	38,400	99,000					195
200	47.2	361.3	45,900	102,800	54.1	370.5	36,700	95,800					200
205	45.1	356.3	44,000	99,600	52.2	366.7	35,100	92,800					205
210	43.0	351.0	42,200	96,500	50.3	362.5	33,600	89,900					210
215	40.8	345.3	40,500	93,600	48.4	358.1	32,100	87,200					215
220	38.5	339.1	38,900	90,800	46.4	353.4	30,700	84,600					220
225	36.0	332.4	37,400	87,200*	44.3	348.4	29,400	82,100	51.3	357.1	21,500	76,100	225
230	33.4	325.0	35,900	83,600*	42.2	342.9	28,100	79,700	49.4	352.8	20,500	73,900	230
235	30.6	316.7	34,500	80,100*	39.9	337.0	26,900	77,400	47.4	348.3	19,400	71,800	235
240	27.6	307.5	33,100	76,900*	37.6	330.6	25,700	75,300	45.4	343.4	18,400	69,700	240
245	24.1	296.8	31,700	73,800*	35.1	323.6	24,500	73,200	43.3	338.1	17,400	67,800	245
250	20.2	284.0	30,400	70,800*	32.4	315.9	23,400	71,200	41.1	332.5	16,500	65,900	250
255	15.2	267.6	29,100	67,800*	29.5	307.3	22,400	69,200	38.7	326.3	15,600	64,100	255
260	7.0	240.2	27,700	62,100*	26.3	297.5	21,300	67,400	36.3	319.6	14,700	62,300	260
265					22.7	286.2	20,300	65,600	33.7	312.3	13,900	60,700	265
270					18.4	272.3	19,300	63,800	31.0	304.2	13,100	59,000	270
275					12.7	253.3	18,300	62,100	27.9	295.0	12,300	57,500	275
280									24.5	284.5	11,500	56,000	280
285									20.6	272.0	10,700	54,500	285
290									15.8	256.1	9,900	53,000	290
295									8.3	231.1	9,000	51,600	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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

### 216.5 ft Boom, 216.5 ft Luffing Jib

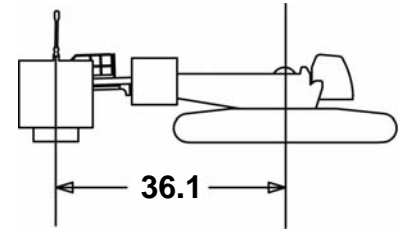
Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
140	64.9	418.0	90,700	102,500*	140
145	63.4	415.5	86,300	102,500*	145
150	61.9	412.8	82,300	102,500*	150
155	60.4	410.0	78,500	102,500*	155
160	58.9	407.0	75,000	102,500*	160
165	57.3	403.8	71,700	102,500*	165
170	55.7	400.4	68,600	100,700*	170
175	54.1	396.8	65,700	97,800*	175
180	52.4	393.0	62,900	94,900*	180
185	50.7	388.9	60,300	91,900*	185
190	48.9	384.5	57,900	89,000*	190
195	47.1	379.9	55,600	86,000*	195
200	45.3	375.0	53,300	83,100*	200
205	43.4	369.8	51,200	80,200*	205
210	41.4	364.2	49,200	77,400*	210
215	39.3	358.1	47,300	74,700*	215
220	37.1	351.6	45,500	72,000*	220
225	34.8	344.6	43,800	69,500*	225
230	32.4	336.9	42,100	67,100*	230
235	29.8	328.3	40,500	64,800*	235
240	26.9	318.8	38,900	62,700*	240
245	23.8	307.9	37,400	60,700*	245
250	20.1	295.1	36,000	59,000*	250
255	15.7	278.9	34,500	57,300*	255
260	9.1	254.8	33,000	51,000*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

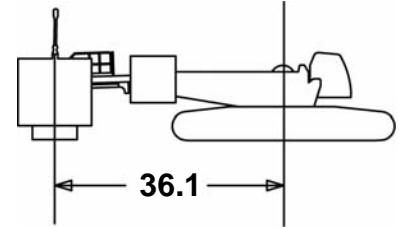
216.5 ft Boom, 216.5 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
140													140
145													145
150													150
155													155
160													160
165	63.0	410.3	60,000	94,000*									165
170	61.5	407.6	57,300	94,000*									170
175	59.9	404.7	54,700	94,000*									175
180	58.4	401.7	52,300	94,000*									180
185	56.8	398.4	50,000	94,000*									185
190	55.2	395.0	47,900	94,000*									190
195	53.6	391.3	45,800	94,000*									195
200	51.9	387.4	43,900	94,000*	57.8	394.5	34,600	86,000*					200
205	50.2	383.2	42,000	94,000*	56.2	391.1	33,000	86,000*					205
210	48.4	378.8	40,300	94,000*	54.6	387.6	31,500	86,000*					210
215	46.6	374.1	38,600	92,000	52.9	383.8	30,000	85,500					215
220	44.7	369.1	37,000	89,200*	51.2	379.9	28,600	82,900					220
225	42.8	363.8	35,500	85,400*	49.5	375.6	27,300	80,400					225
230	40.8	358.1	34,000	81,900*	47.7	371.1	26,000	78,000					230
235	38.7	351.9	32,600	78,500*	45.9	366.3	24,800	75,800	52.1	374.3	17,200	70,000	235
240	36.5	345.2	31,300	75,400*	44.0	361.1	23,700	73,600	50.4	370.2	16,200	68,000	240
245	34.1	338.0	30,000	72,400*	42.0	355.6	22,500	71,500	48.6	365.8	15,300	66,000	245
250	31.7	330.0	28,700	69,500*	40.0	349.7	21,500	69,600	46.8	361.2	14,400	64,100	250
255	29.0	321.2	27,500	66,800*	37.8	343.4	20,400	67,600	44.9	356.2	13,500	62,400	255
260	26.0	311.4	26,300	64,200*	35.6	336.5	19,400	65,800	43.0	350.9	12,600	60,600	260
265	22.8	300.0	25,200	61,700*	33.2	329.0	18,500	64,000	41.0	345.2	11,800	59,000	265
270	18.9	286.4	24,100	59,300*	30.6	320.8	17,500	62,300	38.9	339.1	11,000	57,400	270
275	14.1	268.7	22,900	56,900*	27.9	311.6	16,600	60,700	36.7	332.5	10,300	55,800	275
280	5.8	238.0	21,700	51,400*	24.8	301.2	15,700	59,100	34.4	325.3	9,500	54,400	280
285					21.4	289.1	14,800	57,500	31.9	317.5	8,800	52,900	285
290					17.2	274.2	14,000	56,000	29.3	308.8	8,100	51,500	290
295					11.6	253.7	13,100	54,500	26.4	299.0	7,400	50,200	295
300									23.1	287.8	6,700	48,900	300
305									19.4	274.5	6,000	47,500*	305
310									14.7	257.4	5,300	46,100*	310
315									7.2	229.8	4,600	44,700*	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  
313,850 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	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	
155	63.1	432.5	76,700	88,100*	155
160	61.7	429.8	73,200	88,100*	160
165	60.3	427.0	69,900	88,100*	165
170	58.9	423.9	66,800	88,100*	170
175	57.5	420.8	63,900	88,100*	175
180	56.0	417.4	61,200	88,100*	180
185	54.5	413.9	58,600	86,300*	185
190	53.0	410.1	56,100	84,000*	190
195	51.5	406.1	53,800	81,700*	195
200	49.9	402.0	51,600	79,300*	200
205	48.3	397.5	49,600	77,000*	205
210	46.6	392.8	47,600	74,700*	210
215	44.9	387.9	45,700	72,300*	215
220	43.1	382.6	43,900	70,000*	220
225	41.3	376.9	42,200	67,800*	225
230	39.4	370.9	40,500	65,600*	230
235	37.4	364.5	38,900	63,500*	235
240	35.3	357.5	37,400	61,400*	240
245	33.1	350.0	35,900	59,500*	245
250	30.8	341.8	34,500	57,600*	250
255	28.3	332.7	33,200	55,800*	255
260	25.6	322.6	31,900	54,200*	260
265	22.5	311.1	30,600	52,200*	265
270	19.0	297.4	29,300	50,100*	270
275	14.6	280.2	28,100	47,800*	275
280	8.2	253.9	26,800	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

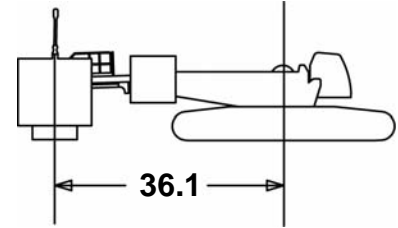
216.5 ft Boom, 236.2 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
155													155
160													160
165													165
170													170
175	62.7	427.3	52,700	80,500*									175
180	61.3	424.6	50,300	80,500*									180
185	59.9	421.7	48,000	80,500*									185
190	58.5	418.6	45,900	80,500*									190
195	57.0	415.4	43,900	80,500*									195
200	55.6	412.0	41,900	80,500*									200
205	54.1	408.4	40,100	80,500*									205
210	52.6	404.6	38,400	80,500*	57.9	411.4	29,300	73,200*					210
215	51.0	400.6	36,700	80,500*	56.5	408.1	27,900	73,200*					215
220	49.4	396.3	35,100	80,500*	55.0	404.7	26,500	73,200*					220
225	47.8	391.8	33,600	80,500*	53.5	401.0	25,200	73,200*					225
230	46.1	387.0	32,200	80,500*	52.0	397.1	24,000	73,200*					230
235	44.4	381.9	30,800	77,500*	50.4	393.0	22,800	73,200*					235
240	42.6	376.5	29,500	74,300*	48.8	388.6	21,600	72,000					240
245	40.7	370.8	28,200	71,300*	47.1	384.0	20,500	69,900	52.7	391.5	13,100	64,200	245
250	38.8	364.7	27,000	68,500*	45.4	379.1	19,500	68,000	51.2	387.5	12,200	62,400	250
255	36.8	358.1	25,800	65,800*	43.7	373.9	18,500	66,100	49.6	383.3	11,300	60,600	255
260	34.7	351.0	24,600	63,200*	41.9	368.4	17,500	64,200	47.9	378.8	10,500	58,900	260
265	32.5	343.2	23,500	60,700*	40.0	362.5	16,600	62,500	46.3	374.0	9,700	57,300	265
270	30.1	334.8	22,500	58,400*	38.0	356.2	15,600	60,800	44.6	369.0	8,900	55,700	270
275	27.5	325.5	21,400	56,100*	36.0	349.4	14,800	59,200	42.8	363.7	8,200	54,200	275
280	24.7	315.0	20,400	54,000*	33.9	342.1	13,900	57,600	40.9	358.0	7,500	52,600*	280
285	21.5	302.9	19,500	51,900*	31.6	334.1	13,100	56,100	39.0	351.9	6,800	51,100*	285
290	17.8	288.4	18,500	49,800*	29.1	325.4	12,300	54,600	37.0	345.3	6,100	49,600*	290
295	13.1	269.5	17,500	47,800*	26.5	315.6	11,500	53,200	34.9	338.3	5,400	48,200*	295
300	4.5	234.8	16,400	42,400*	23.5	304.6	10,700	51,800	32.7	330.6	4,800	46,800*	300
305					20.2	291.7	9,900	50,500	30.4	322.3	4,200	45,500*	305
310					16.2	275.9	9,200	49,200	27.8	313.0	3,600	44,200*	310
315					10.7	253.8	8,400	47,300*	25.0	302.7	3,000	42,900*	315
320									21.9	290.8	2,400	41,700*	320
325									18.3	276.7	1,800	40,400*	325
330									13.7	258.4		39,200*	330
335									6.1	227.8		38,000*	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  
313,850 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	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	
170	61.5	446.7	65,200	75,500*	170
175	60.3	443.9	62,300	75,500*	175
180	59.0	440.9	59,600	75,500*	180
185	57.6	437.7	57,000	75,500*	185
190	56.3	434.4	54,600	75,400*	190
195	54.9	430.9	52,300	75,300*	195
200	53.5	427.2	50,100	74,400*	200
205	52.1	423.4	48,000	72,500*	205
210	50.7	419.3	46,100	70,700*	210
215	49.2	415.0	44,200	68,800*	215
220	47.7	410.5	42,400	66,900*	220
225	46.1	405.7	40,700	65,000*	225
230	44.5	400.7	39,000	63,200*	230
235	42.9	395.3	37,500	61,300*	235
240	41.2	389.7	36,000	59,500*	240
245	39.5	383.7	34,500	57,700*	245
250	37.7	377.2	33,100	56,000*	250
255	35.8	370.4	31,800	54,400*	255
260	33.8	363.0	30,500	52,800*	260
265	31.7	355.1	29,300	51,200*	265
270	29.4	346.4	28,100	49,200*	270
275	27.0	336.8	26,900	47,300*	275
280	24.4	326.2	25,800	45,500*	280
285	21.4	314.0	24,600	43,700*	285
290	18.0	299.5	23,600	41,900*	290
295	13.7	281.3	22,500	39,600*	295
300	7.2	252.6	21,300	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

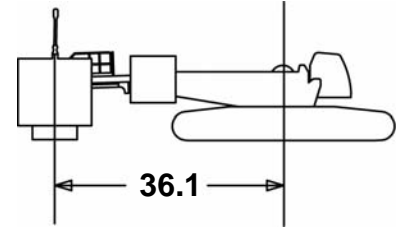
216.5 ft Boom, 255.9 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
170													170
175													175
180													180
185	62.4	444.3	46,300	68,800*									185
190	61.2	441.5	44,200	68,800*									190
195	59.9	438.6	42,100	68,800*									195
200	58.6	435.6	40,200	68,800*									200
205	57.2	432.4	38,400	68,800*									205
210	55.9	429.0	36,700	68,800*									210
215	54.5	425.5	35,000	68,800*									215
220	53.1	421.7	33,500	68,800*									220
225	51.7	417.8	32,000	68,800*	56.7	425.1	23,400	62,900*					225
230	50.2	413.7	30,500	68,800*	55.4	421.7	22,200	62,900*					230
235	48.7	409.3	29,200	68,800*	54.0	418.1	21,000	62,900*					235
240	47.2	404.7	27,900	68,800*	52.6	414.3	19,900	62,900*					240
245	45.7	399.9	26,600	68,800*	51.1	410.3	18,800	62,900*					245
250	44.1	394.7	25,400	67,000*	49.7	406.0	17,800	62,900*					250
255	42.4	389.3	24,200	64,400*	48.2	401.6	16,800	62,900*					255
260	40.7	383.5	23,100	61,800*	46.6	396.9	15,800	62,900*	51.8	404.7	8,700	57,300*	260
265	38.9	377.4	22,000	59,400*	45.1	391.9	14,900	61,100	50.4	400.6	7,900	55,500*	265
270	37.1	370.9	21,000	57,100*	43.4	386.7	14,000	59,400	48.9	396.3	7,100	53,900*	270
275	35.2	363.9	20,000	54,900*	41.8	381.1	13,100	57,800	47.4	391.7	6,400	52,200*	275
280	33.1	356.4	19,000	52,800*	40.0	375.3	12,300	56,300	45.8	386.9	5,700	50,700*	280
285	31.0	348.2	18,000	50,800*	38.2	369.0	11,500	54,800	44.2	381.8	5,000	49,200*	285
290	28.7	339.3	17,100	48,900*	36.4	362.3	10,700	53,300	42.6	376.4	4,400	47,700*	290
295	26.2	329.4	16,200	47,000*	34.4	355.1	9,900	51,900	40.9	370.7	3,700	46,300*	295
300	23.5	318.4	15,400	45,200*	32.3	347.3	9,200	50,600	39.1	364.6	3,100	45,000*	300
305	20.5	305.6	14,500	43,400*	30.1	338.9	8,500	49,300	37.3	358.1	2,500	43,600*	305
310	16.8	290.3	13,600	41,700*	27.8	329.6	7,800	48,000	35.4	351.2	1,900	42,400*	310
315	12.2	270.1	12,800	40,000*	25.2	319.3	7,100	46,600*	33.4	343.7		41,100*	315
320	3.0	229.6	11,800	34,400*	22.4	307.7	6,400	44,800*	31.2	335.6		39,900*	320
325					19.1	294.1	5,700	43,000*	29.0	326.8		38,700*	325
330					15.2	277.3	5,100	41,300*	26.5	317.1		37,600*	330
335					9.8	253.6	4,300	39,500*	23.8	306.1		36,500*	335
340									20.8	293.6		35,400*	340
345									17.3	278.6		34,300*	345
350									12.8	259.2		33,200*	350
355									5.0	225.0		32,100*	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  
313,850 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	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	
185	60.2	460.9	55,100	63,400*	185
190	59.0	457.9	52,700	63,300*	190
195	57.8	454.7	50,400	63,100*	195
200	56.5	451.4	48,200	63,000*	200
205	55.3	448.0	46,100	62,800*	205
210	54.0	444.3	44,200	62,700*	210
215	52.7	440.5	42,300	62,500*	215
220	51.3	436.6	40,500	62,300*	220
225	50.0	432.4	38,800	61,100*	225
230	48.6	428.0	37,200	59,700*	230
235	47.2	423.4	35,600	58,300*	235
240	45.7	418.5	34,100	56,800*	240
245	44.3	413.5	32,700	55,300*	245
250	42.7	408.1	31,300	53,900*	250
255	41.2	402.4	30,000	52,500*	255
260	39.5	396.4	28,700	51,100*	260
265	37.9	390.0	27,500	49,700*	265
270	36.1	383.3	26,300	48,200*	270
275	34.3	376.0	25,200	46,300*	275
280	32.4	368.3	24,100	44,500*	280
285	30.3	359.9	23,000	42,800*	285
290	28.2	350.8	22,000	41,100*	290
295	25.8	340.7	21,000	39,400*	295
300	23.3	329.5	20,000	37,800*	300
305	20.4	316.7	19,000	36,300*	305
310	17.1	301.5	18,100	34,800*	310
315	12.9	282.1	17,100	32,400*	315
320	6.3	250.8	16,100	27,600*	320
325					325
330					330
335					335
340					340
345					345
350					350
355					355
360					360
365					365
370					370
375					375

# 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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

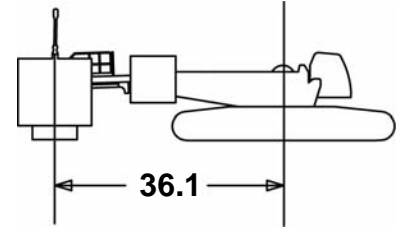
216.5 ft Boom, 275.6 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
185													185
190													190
195	62.2	461.3	40,000	58,100*									195
200	61.0	458.5	38,100	58,100*									200
205	59.8	455.6	36,300	58,100*									205
210	58.6	452.6	34,600	58,100*									210
215	57.4	449.4	33,000	58,100*									215
220	56.1	446.0	31,400	58,100*									220
225	54.9	442.5	29,900	58,100*									225
230	53.6	438.9	28,500	58,100*									230
235	52.3	435.0	27,100	58,100*	56.9	442.1	18,800	52,800*					235
240	50.9	431.0	25,800	58,100*	55.7	438.7	17,700	52,800*					240
245	49.6	426.7	24,600	58,100*	54.4	435.2	16,600	52,800*					245
250	48.2	422.3	23,400	58,100*	53.1	431.4	15,600	52,800*					250
255	46.8	417.6	22,200	58,100*	51.8	427.5	14,600	52,800*					255
260	45.3	412.7	21,100	58,100*	50.4	423.4	13,600	52,800*					260
265	43.8	407.5	20,100	58,100*	49.0	419.1	12,700	52,800*					265
270	42.3	402.1	19,000	56,200*	47.6	414.5	11,900	52,800*	52.4	421.9	4,800	47,900*	270
275	40.7	396.3	18,000	54,000*	46.2	409.8	11,000	52,800*	51.1	417.9	4,100	47,900*	275
280	39.0	390.2	17,100	51,900*	44.7	404.7	10,200	52,800*	49.7	413.7	3,400	47,900*	280
285	37.3	383.7	16,200	49,800*	43.2	399.5	9,400	52,800*	48.3	409.3	2,800	46,700*	285
290	35.6	376.8	15,300	47,900*	41.7	393.9	8,600	51,700	46.9	404.6	2,100	45,300*	290
295	33.7	369.4	14,400	46,000*	40.1	388.0	7,900	50,300	45.5	399.7	1,500	43,900*	295
300	31.8	361.5	13,500	44,200*	38.4	381.8	7,200	48,900*	44.0	394.6		42,600*	300
305	29.7	352.9	12,700	42,500*	36.7	375.1	6,500	47,500*	42.4	389.2		41,300*	305
310	27.5	343.5	11,900	40,800*	34.9	368.0	5,800	46,100*	40.9	383.4		40,000*	310
315	25.1	333.1	11,100	39,200*	33.0	360.5	5,100	44,800*	39.2	377.4		38,800*	315
320	22.5	321.5	10,400	37,600*	31.0	352.3	4,500	43,500*	37.5	370.9		37,600*	320
325	19.5	308.1	9,600	36,100*	28.9	343.4	3,900	42,100*	35.8	364.1		36,500*	325
330	16.0	291.9	8,900	34,600*	26.6	333.6	3,200	40,400*	33.9	356.7		35,400*	330
335	11.4	270.5	8,100	33,000*	24.1	322.8	2,600	38,800*	32.0	348.9		34,300*	335
340					21.4	310.6	2,000	37,300*	29.9	340.4		33,200*	340
345					18.2	296.2	1,500	35,700*	27.7	331.1		32,200*	345
350					14.4	278.5		34,200*	25.4	320.8		31,200*	350
355					9.0	253.1		32,700*	22.8	309.3		30,200*	355
360									19.8	296.1		29,200*	360
365									16.4	280.3		28,200*	365
370									12.0	259.7		27,300*	370
375									3.8	221.0		26,200*	375



# 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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

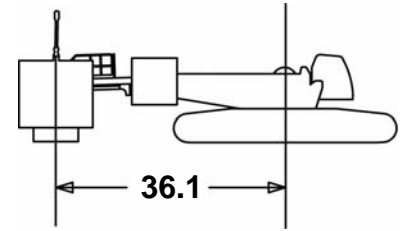
236.2 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	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	
75	63.0	313.3	229,500	257,300*b					75
80	58.7	310.3	212,300	244,800*b					80
85	54.3	306.8	197,200	232,300*b	64.9	312.6	183,300	264,100*b	85
90	49.5	302.6	184,000	219,900*	60.7	309.8	171,000	252,600*b	90
95	44.4	297.6	172,200	208,000*	56.4	306.5	160,000	240,700*b	95
100	38.7	291.6	161,600	197,100*	51.8	302.6	150,300	228,800*b	100
105	32.1	284.0	152,100	187,400*	46.8	298.0	141,500	216,800*	105
110	23.8	273.8	143,300	179,600*	41.4	292.5	133,500	204,900*	110
115	9.6	255.0	134,900	165,700*	35.3	285.7	126,200	192,900*	115
120					27.9	277.0	119,400	180,700*	120
125					17.8	263.9	113,000	167,500*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

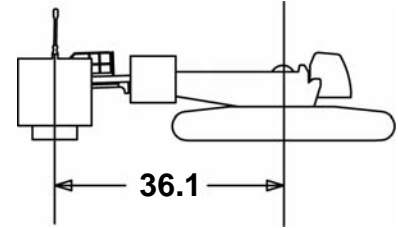
236.2 ft Boom, 78.7 ft Luffing Jib

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	
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110	60.9	305.1	116,400	218,000*b									110
115	56.5	301.9	110,000	207,700*b									115
120	51.9	298.0	104,200	198,300*b									120
125	47.0	293.5	98,900	189,600*									125
130	41.6	288.0	94,000	181,600*									130
135	35.5	281.3	89,400	174,000	56.3	295.2	76,100	163,800 <b></b>					135
140	28.3	272.6	85,000	166,500	51.7	291.3	72,400	156,700 <b></b>					140
145	18.3	259.8	80,900	159,200*	46.7	286.7	69,000	150,200					145
150					41.3	281.1	65,800	144,200					150
155					35.1	274.3	62,800	138,500					155
160					27.8	265.5	59,900	133,200	50.8	282.3	49,300	125,100 <b></b>	160
165					17.5	252.3	57,000	128,100	45.7	277.5	47,100	120,400	165
170									40.2	271.8	44,900	116,100	170
175									33.9	264.7	42,900	111,900	175
180									26.1	255.3	40,900	108,000	180
185									14.7	240.4	38,800	104,200	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  
 313,850 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	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	
90	58.9	327.3	183,400	205,000*	67.0	332.0	169,900	230,700*b	90
95	55.4	323.9	171,700	195,000*	63.8	329.5	159,100	228,800*b	95
100	51.7	320.0	161,300	185,000*	60.5	326.7	149,300	220,200*b	100
105	47.8	315.5	151,900	175,500*	57.0	323.5	140,600	211,400*	105
110	43.6	310.4	143,400	166,500*	53.4	319.8	132,700	202,500*	110
115	39.1	304.4	135,600	158,100*	49.6	315.6	125,600	193,700*	115
120	34.0	297.2	128,500	150,500*	45.5	310.8	119,000	184,900*	120
125	28.1	288.4	122,000	144,000*	41.2	305.2	113,000	176,100*	125
130	20.6	276.5	115,800	138,800*	36.4	298.7	107,400	167,300*	130
135	6.6	253.2	109,700	135,200*	30.9	290.7	102,200	158,300*	135
140					24.3	280.5	97,400	149,100*	140
145					14.9	265.2	92,700	139,000*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

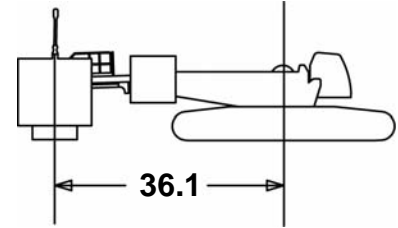
### 236.2 ft Boom, 98.4 ft Luffing Jib

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	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	60.6	322.1	102,900	197,000* <sup>b</sup>									120
125	57.1	318.9	97,700	188,400*									125
130	53.5	315.2	92,900	180,400*									130
135	49.7	311.1	88,400	173,000*									135
140	45.7	306.3	84,200	165,600									140
145	41.4	300.7	80,400	158,800	56.9	312.2	67,600	149,000					145
150	36.6	294.2	76,700	152,400	53.3	308.5	64,500	143,000					150
155	31.1	286.3	73,300	146,400	49.5	304.3	61,600	137,400					155
160	24.6	276.2	70,000	140,800	45.5	299.5	58,900	132,200					160
165	15.4	261.2	66,800	133,100*	41.1	293.9	56,300	127,300					165
170					36.3	287.3	53,800	122,700	52.6	299.6	43,400	114,800	170
175					30.8	279.3	51,500	118,400	48.8	295.3	41,500	110,800	175
180					24.1	269.0	49,200	114,300	44.7	290.3	39,700	107,000	180
185					14.6	253.5	47,000	110,300	40.2	284.5	37,900	103,400	185
190									35.3	277.7	36,200	100,000	190
195									29.6	269.4	34,600	96,700	195
200									22.7	258.5	33,000	93,600	200
205									12.0	240.8	31,300	90,500	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  
 313,850 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	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	
115	49.9	333.0	134,500	150,100*	57.4	340.5	123,900	184,900*	115
120	46.6	328.4	127,500	142,700*	54.5	337.0	117,400	177,400*	120
125	43.1	323.1	121,000	135,800*	51.4	333.0	111,500	169,800*	125
130	39.3	317.1	115,100	129,300*	48.1	328.6	106,000	162,200*	130
135	35.1	310.2	109,600	123,400*	44.7	323.6	100,900	154,700*	135
140	30.5	302.1	104,500	118,100*	41.0	318.0	96,200	147,600*	140
145	25.1	292.1	99,700	113,500*	37.1	311.5	91,900	140,800*	145
150	18.1	278.6	95,200	110,100*	32.7	304.0	87,800	134,500*	150
155	3.3	248.6	90,400	106,200*	27.7	295.0	83,900	128,800*	155
160					21.6	283.4	80,200	123,900*	160
165					12.7	265.9	76,600	116,300*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

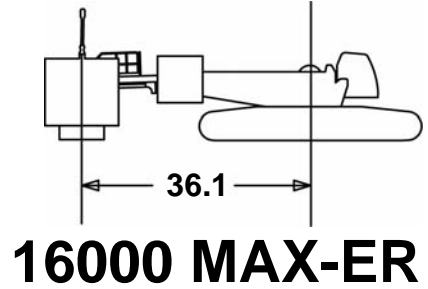
236.2 ft Boom, 118.1 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115													115
120													120
125													125
130	60.4	339.0	90,800	178,500*									130
135	57.5	335.9	86,400	171,200*									135
140	54.6	332.4	82,300	163,900									140
145	51.5	328.4	78,500	157,200									145
150	48.2	324.0	75,000	150,800									150
155	44.8	319.1	71,600	145,000	57.4	329.2	59,300	135,500					155
160	41.2	313.5	68,500	139,500	54.4	325.6	56,700	130,400					160
165	37.2	307.1	65,600	134,300	51.3	321.7	54,200	125,600					165
170	32.9	299.6	62,800	129,500	48.0	317.2	51,800	121,000					170
175	27.9	290.6	60,200	124,900	44.6	312.3	49,600	116,800					175
180	21.9	279.2	57,600	119,600*	41.0	306.6	47,500	112,800					180
185	13.2	262.0	55,100	111,900*	37.0	300.2	45,500	109,000	50.7	312.7	35,600	101,500	185
190					32.6	292.6	43,600	105,400	47.4	308.2	34,000	98,200	190
195					27.6	283.5	41,700	102,000	44.0	303.1	32,500	95,000	195
200					21.4	271.9	39,900	98,700	40.2	297.3	31,100	92,000	200
205					12.5	254.1	38,000	95,500	36.2	290.7	29,700	89,100	205
210									31.7	282.9	28,300	86,400	210
215									26.5	273.4	27,000	83,800	215
220									20.1	261.1	25,700	81,200	220
225									9.8	240.5	24,300	78,700	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



236.2 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	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	
105	67.2	368.4	137,500	170,700*	105
110	64.9	366.1	129,700	170,700*	110
115	62.6	363.5	122,600	170,700*	115
120	60.2	360.6	116,100	165,800*	120
125	57.7	357.5	110,200	160,000*	125
130	55.2	354.0	104,800	154,100*	130
135	52.6	350.2	99,700	147,900*	135
140	49.9	346.1	95,100	141,800*	140
145	47.1	341.5	90,800	135,700*	145
150	44.1	336.4	86,700	129,800*	150
155	40.9	330.7	83,000	124,200*	155
160	37.6	324.4	79,400	118,800*	160
165	33.9	317.1	76,100	113,700*	165
170	29.9	308.8	73,000	108,900*	170
175	25.2	298.7	70,000	104,700*	175
180	19.5	285.9	67,100	101,200*	180
185	11.0	266.0	64,200	98,900*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

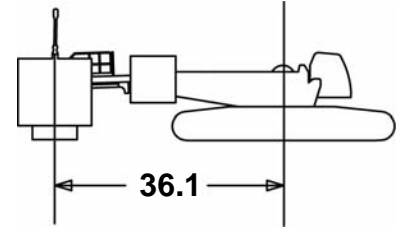
236.2 ft Boom, 137.8 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105													105
110													110
115													115
120													120
125													125
130													130
135	62.7	358.8	84,800	162,100*									135
140	60.3	356.0	80,700	161,600*									140
145	57.8	352.9	77,000	155,800									145
150	55.3	349.4	73,500	149,500									150
155	52.7	345.6	70,200	143,700									155
160	50.0	341.5	67,100	138,200									160
165	47.2	336.9	64,300	133,100	57.7	346.2	52,500	124,100					165
170	44.2	331.9	61,600	128,300	55.1	342.7	50,200	119,600					170
175	41.1	326.2	59,000	123,800	52.5	338.9	48,000	115,400					175
180	37.7	319.9	56,600	119,600	49.8	334.7	45,900	111,500					180
185	34.1	312.7	54,300	115,600	47.0	330.1	44,000	107,700					185
190	30.0	304.4	52,100	111,800	44.0	325.0	42,100	104,200					190
195	25.4	294.4	50,000	108,000*	40.9	319.4	40,400	100,800	52.0	330.0	30,800	93,600	195
200	19.7	281.7	47,900	102,300*	37.5	313.0	38,700	97,600	49.3	325.7	29,400	90,600	200
205	11.4	262.3	45,800	95,900*	33.8	305.7	37,100	94,600	46.4	321.0	28,100	87,800	205
210					29.8	297.3	35,500	91,700	43.4	315.8	26,800	85,100	210
215					25.1	287.2	34,000	89,000	40.3	310.0	25,600	82,500	215
220					19.3	274.3	32,500	86,300	36.8	303.5	24,400	80,100	220
225					10.7	254.1	30,900	83,600	33.1	296.1	23,200	77,800	225
230									29.0	287.4	22,100	75,500	230
235									24.1	276.9	21,000	73,300	235
240									18.0	263.2	19,900	71,200	240
245									8.0	239.5	18,700	69,100	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

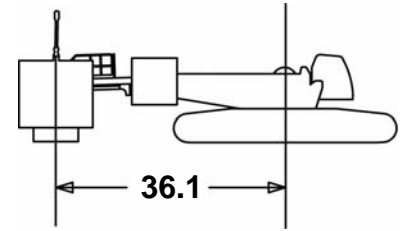
236.2 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	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	
115	66.3	385.5	120,700	147,400*	115
120	64.2	383.1	114,200	147,400*	120
125	62.2	380.5	108,300	147,400*	125
130	60.1	377.6	102,900	143,800*	130
135	57.9	374.5	97,900	139,200*	135
140	55.7	371.1	93,300	134,500*	140
145	53.5	367.4	89,000	129,600*	145
150	51.2	363.4	85,000	124,600*	150
155	48.8	359.1	81,300	119,700*	155
160	46.2	354.3	77,800	114,900*	160
165	43.6	349.1	74,500	110,200*	165
170	40.9	343.5	71,500	105,600*	170
175	37.9	337.2	68,500	101,300*	175
180	34.8	330.1	65,800	97,200*	180
185	31.4	322.2	63,200	93,300*	185
190	27.6	313.0	60,700	89,800*	190
195	23.2	302.0	58,300	86,600*	195
200	17.7	287.9	56,000	84,000*	200
205	9.4	265.6	53,600	82,400*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

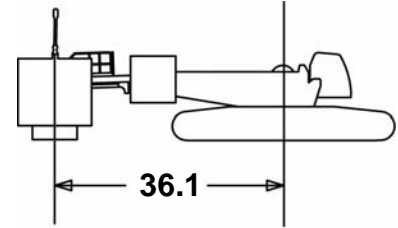
236.2 ft Boom, 157.5 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115													115
120													120
125													125
130													130
135													135
140													140
145	62.3	375.8	74,800	138,800*									145
150	60.2	373.0	71,300	138,800*									150
155	58.0	369.9	68,100	138,800*									155
160	55.8	366.5	65,100	136,500									160
165	53.6	362.8	62,200	131,400									165
170	51.3	358.8	59,600	126,700									170
175	48.8	354.5	57,000	122,200	57.9	363.2	45,700	113,500					175
180	46.3	349.8	54,700	118,000	55.7	359.8	43,600	109,600					180
185	43.7	344.6	52,400	114,000	53.4	356.1	41,700	105,900					185
190	41.0	339.0	50,300	110,300	51.1	352.1	39,900	102,400					190
195	38.1	332.7	48,300	106,700	48.7	347.7	38,200	99,100					195
200	34.9	325.7	46,300	103,400	46.2	343.0	36,600	95,900					200
205	31.5	317.8	44,500	100,200	43.6	337.8	35,000	92,900					205
210	27.7	308.6	42,700	97,100*	40.8	332.1	33,500	90,100	50.7	343.1	24,400	83,200	210
215	23.4	297.7	41,000	92,700*	37.9	325.8	32,100	87,400	48.2	338.7	23,300	80,700	215
220	18.0	283.8	39,300	87,900*	34.7	318.8	30,700	84,800	45.7	333.9	22,100	78,300	220
225	9.9	262.1	37,500	82,400*	31.3	310.8	29,400	82,300	43.1	328.6	21,000	76,000	225
230					27.5	301.6	28,100	79,900	40.3	322.8	20,000	73,800	230
235					23.1	290.5	26,900	77,700	37.3	316.4	19,000	71,700	235
240					17.6	276.3	25,600	75,400	34.1	309.2	18,000	69,700	240
245					9.2	253.6	24,300	73,200	30.6	301.0	17,100	67,700	245
250									26.7	291.5	16,100	65,800	250
255									22.2	280.0	15,200	64,000	255
260									16.4	264.9	14,300	62,200	260
265									6.3	237.6	13,200	60,400	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  
313,850 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	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	
120	67.3	404.8	112,800	126,500*	120
125	65.5	402.5	106,900	126,500*	125
130	63.7	400.1	101,400	126,500*	130
135	61.9	397.4	96,500	126,500*	135
140	60.0	394.5	91,900	125,600*	140
145	58.1	391.4	87,600	122,000*	145
150	56.2	388.1	83,600	118,200*	150
155	54.2	384.5	79,900	114,300*	155
160	52.1	380.7	76,400	110,400*	160
165	50.0	376.5	73,200	106,400*	165
170	47.9	372.0	70,100	102,400*	170
175	45.6	367.2	67,200	98,600*	175
180	43.3	361.9	64,500	94,800*	180
185	40.8	356.2	61,900	91,100*	185
190	38.2	350.0	59,500	87,600*	190
195	35.5	343.1	57,200	84,300*	195
200	32.5	335.4	55,000	81,000*	200
205	29.3	326.8	52,900	78,100*	205
210	25.7	316.8	50,800	75,400*	210
215	21.5	304.9	48,900	73,100*	215
220	16.3	289.6	47,000	71,100*	220
225	8.1	264.6	45,000	69,500*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

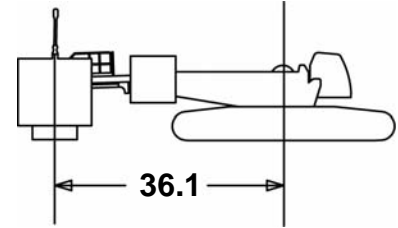
236.2 ft Boom, 177.2 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	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													120
125													125
130													130
135													135
140													140
145													145
150													150
155	62.0	392.8	66,400	119,000*									155
160	60.1	389.9	63,400	119,000*									160
165	58.2	386.8	60,600	119,000*									165
170	56.2	383.5	57,900	119,000*									170
175	54.3	379.9	55,400	119,000*									175
180	52.2	376.1	53,100	116,700*									180
185	50.1	371.9	50,900	112,700									185
190	47.9	367.5	48,800	109,000	56.1	376.8	38,200	100,900					190
195	45.7	362.6	46,800	105,500	54.1	373.2	36,500	97,600					195
200	43.4	357.4	44,900	102,100	52.1	369.3	34,900	94,500					200
205	40.9	351.7	43,100	98,900	50.0	365.2	33,300	91,500					205
210	38.3	345.5	41,300	95,900	47.8	360.7	31,900	88,700					210
215	35.6	338.6	39,700	93,100	45.6	355.8	30,500	86,000					215
220	32.6	331.0	38,100	90,300	43.2	350.6	29,100	83,500	51.7	360.4	20,300	76,800	220
225	29.4	322.4	36,600	86,900*	40.8	344.9	27,900	81,000	49.6	356.2	19,300	74,500	225
230	25.8	312.5	35,100	83,400*	38.2	338.6	26,600	78,700	47.4	351.6	18,300	72,300	230
235	21.7	300.7	33,700	79,600*	35.4	331.7	25,400	76,500	45.1	346.7	17,300	70,300	235
240	16.5	285.5	32,200	75,600*	32.5	324.0	24,300	74,300	42.8	341.4	16,300	68,300	240
245	8.5	261.4	30,800	70,800*	29.2	315.4	23,200	72,300	40.3	335.5	15,400	66,400	245
250					25.6	305.4	22,100	70,300	37.7	329.2	14,600	64,500	250
255					21.4	293.4	21,100	68,300	34.9	322.1	13,700	62,800	255
260					16.2	278.0	20,000	66,500	31.9	314.3	12,900	61,100	260
265					7.8	252.6	18,900	64,600	28.6	305.4	12,100	59,400	265
270									24.9	295.1	11,300	57,800	270
275									20.5	282.7	10,500	56,300	275
280									15.0	266.2	9,700	54,800	280
285									4.5	234.2	8,800	53,200	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  
313,850 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	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	
135	64.9	419.6	94,500	109,200*	135
140	63.3	417.1	89,900	109,200*	140
145	61.6	414.4	85,700	109,200*	145
150	60.0	411.5	81,700	109,200*	150
155	58.3	408.4	78,000	107,000*	155
160	56.5	405.1	74,600	104,000*	160
165	54.7	401.6	71,300	100,900*	165
170	52.9	397.8	68,300	97,800*	170
175	51.0	393.8	65,400	94,600*	175
180	49.1	389.5	62,800	91,400*	180
185	47.1	384.9	60,200	88,200*	185
190	45.1	380.0	57,800	85,100*	190
195	43.0	374.7	55,500	82,000*	195
200	40.8	369.0	53,300	79,100*	200
205	38.4	362.7	51,300	76,200*	205
210	36.0	356.0	49,300	73,400*	210
215	33.4	348.5	47,400	70,800*	215
220	30.6	340.3	45,600	68,400*	220
225	27.5	331.0	43,900	66,200*	225
230	24.1	320.3	42,200	64,100*	230
235	20.1	307.5	40,500	62,300*	235
240	15.0	291.0	38,900	60,800*	240
245	6.8	263.0	37,200	57,600*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

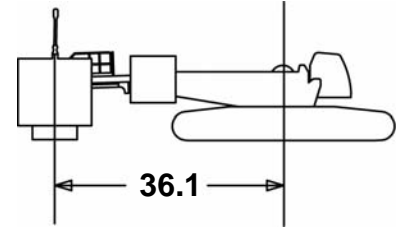
236.2 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	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													135
140													140
145													145
150													150
155													155
160													160
165	61.7	409.7	58,400	101,600*									165
170	60.0	406.9	55,800	101,600*									170
175	58.3	403.8	53,300	101,600*									175
180	56.6	400.5	51,000	101,600*									180
185	54.8	397.0	48,800	101,600*									185
190	53.0	393.2	46,700	101,600*									190
195	51.1	389.2	44,800	101,600*									195
200	49.2	385.0	42,900	100,500*	56.5	393.8	32,600	92,600					200
205	47.2	380.4	41,100	97,300	54.7	390.3	31,100	89,700					205
210	45.2	375.4	39,400	94,300	52.9	386.5	29,600	86,900					210
215	43.1	370.1	37,800	91,500	51.0	382.5	28,300	84,300					215
220	40.9	364.4	36,200	88,800	49.1	378.2	27,000	81,700					220
225	38.5	358.2	34,800	86,200	47.1	373.6	25,700	79,300					225
230	36.1	351.5	33,300	83,700	45.1	368.6	24,500	77,000	52.5	377.6	15,900	70,400	230
235	33.5	344.1	32,000	81,100*	42.9	363.3	23,400	74,800	50.6	373.5	15,000	68,400	235
240	30.7	335.9	30,600	78,200*	40.7	357.6	22,300	72,700	48.7	369.2	14,100	66,400	240
245	27.6	326.7	29,400	75,200*	38.4	351.4	21,200	70,600	46.7	364.5	13,200	64,500	245
250	24.2	316.0	28,100	72,100*	35.9	344.6	20,200	68,700	44.7	359.5	12,300	62,700	250
255	20.2	303.3	26,900	68,900*	33.3	337.2	19,200	66,800	42.5	354.1	11,500	61,000	255
260	15.3	287.0	25,700	65,400*	30.5	328.9	18,200	65,000	40.3	348.3	10,800	59,300	260
265	7.3	260.0	24,400	61,100*	27.4	319.6	17,300	63,300	37.9	342.0	10,000	57,700	265
270					24.0	308.8	16,400	61,600	35.5	335.1	9,300	56,200	270
275					20.0	296.0	15,500	59,900	32.8	327.5	8,500	54,700	275
280					14.9	279.3	14,600	58,300	30.0	319.1	7,800	53,200	280
285					6.5	250.8	13,600	56,700	26.8	309.5	7,200	51,800	285
290									23.3	298.4	6,500	50,400*	290
295									19.1	285.0	5,800	48,900*	295
300									13.7	267.2	5,100	47,500*	300
305									1.9	227.0	4,200	45,900*	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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

### 236.2 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	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	
145	64.4	436.6	83,800	94,000*	145
150	63.0	434.0	79,800	94,000*	150
155	61.4	431.3	76,100	94,000*	155
160	59.9	428.4	72,700	94,000*	160
165	58.4	425.4	69,400	94,000*	165
170	56.8	422.1	66,400	91,700*	170
175	55.2	418.6	63,600	89,200*	175
180	53.5	415.0	60,900	86,700*	180
185	51.9	411.1	58,300	84,200*	185
190	50.1	406.9	55,900	81,600*	190
195	48.4	402.5	53,700	79,000*	195
200	46.6	397.8	51,500	76,500*	200
205	44.7	392.8	49,500	74,000*	205
210	42.7	387.4	47,500	71,500*	210
215	40.7	381.7	45,600	69,100*	215
220	38.6	375.5	43,900	66,800*	220
225	36.4	368.9	42,200	64,600*	225
230	34.1	361.6	40,500	62,500*	230
235	31.6	353.6	39,000	60,500*	235
240	28.9	344.8	37,400	58,600*	240
245	26.0	334.9	36,000	56,800*	245
250	22.7	323.5	34,600	55,300*	250
255	18.8	309.8	33,200	53,900*	255
260	13.9	292.0	31,800	52,800*	260
265	5.5	260.6	30,300	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

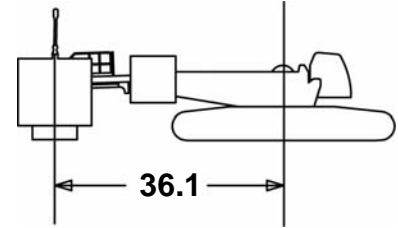
236.2 ft Boom, 216.5 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
145													145
150													150
155													155
160													160
165													165
170													170
175	61.5	426.7	51,200	87,300*									175
180	60.0	423.8	48,900	87,300*									180
185	58.4	420.7	46,700	87,300*									185
190	56.8	417.5	44,700	87,300*									190
195	55.2	414.0	42,700	87,300*									195
200	53.6	410.4	40,900	87,300*									200
205	51.9	406.5	39,100	87,300*									205
210	50.2	402.3	37,400	87,300*	56.8	410.8	27,500	80,100*					210
215	48.4	397.9	35,800	87,300*	55.1	407.4	26,100	80,100*					215
220	46.6	393.2	34,300	86,700*	53.5	403.7	24,800	80,000					220
225	44.8	388.2	32,800	84,500*	51.8	399.8	23,600	77,600					225
230	42.8	382.9	31,400	82,100*	50.1	395.6	22,400	75,300					230
235	40.8	377.2	30,100	79,700	48.3	391.2	21,300	73,100					235
240	38.7	371.0	28,800	77,400*	46.5	386.5	20,200	71,000					240
245	36.5	364.4	27,500	74,900*	44.6	381.5	19,200	69,000	51.5	390.8	11,000	62,700	245
250	34.2	357.1	26,300	72,400*	42.7	376.1	18,200	67,000	49.8	386.6	10,100	60,900	250
255	31.7	349.2	25,200	69,600*	40.7	370.3	17,200	65,200	48.0	382.1	9,300	59,200	255
260	29.0	340.5	24,100	66,900*	38.6	364.2	16,300	63,400	46.2	377.4	8,600	57,500*	260
265	26.1	330.6	23,000	64,300*	36.4	357.5	15,400	61,700	44.3	372.3	7,800	55,800*	265
270	22.8	319.2	21,900	61,800*	34.0	350.2	14,500	60,000	42.3	366.9	7,100	54,200*	270
275	19.0	305.7	20,900	59,400*	31.5	342.2	13,600	58,400	40.3	361.0	6,500	52,600*	275
280	14.2	288.1	19,800	56,400*	28.9	333.4	12,800	56,900	38.2	354.8	5,800	51,100*	280
285	6.1	258.0	18,700	51,000*	25.9	323.5	12,000	55,400	35.9	348.0	5,100	49,600*	285
290					22.6	312.0	11,200	53,900	33.6	340.6	4,500	48,200*	290
295					18.7	298.3	10,400	52,500	31.1	332.5	3,900	46,800*	295
300					13.8	280.4	9,600	51,100	28.3	323.5	3,300	45,400*	300
305					5.2	248.1	8,700	49,700	25.3	313.3	2,700	44,100*	305
310									21.9	301.5	2,100	42,900*	310
315									17.9	287.1	1,500	41,600*	315
320									12.7	268.0		40,300*	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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

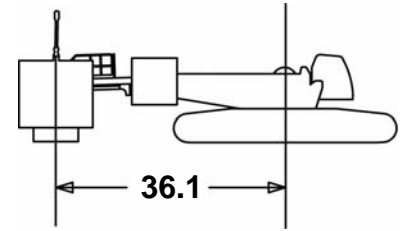
### 236.2 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	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	
160	62.7	451.0	70,800	81,300*	160
165	61.3	448.3	67,600	81,300*	165
170	59.9	445.4	64,600	81,300*	170
175	58.5	442.3	61,700	81,300*	175
180	57.0	439.1	59,100	80,700*	180
185	55.5	435.7	56,600	78,800*	185
190	54.0	432.1	54,200	76,800*	190
195	52.5	428.3	51,900	74,800*	195
200	51.0	424.2	49,800	72,700*	200
205	49.4	420.0	47,700	70,700*	205
210	47.7	415.5	45,800	68,600*	210
215	46.1	410.7	43,900	66,600*	215
220	44.3	405.6	42,200	64,600*	220
225	42.5	400.2	40,500	62,600*	225
230	40.7	394.5	38,900	60,700*	230
235	38.8	388.3	37,300	58,700*	235
240	36.8	381.7	35,900	56,900*	240
245	34.7	374.6	34,400	55,200*	245
250	32.4	366.9	33,100	53,600*	250
255	30.0	358.4	31,700	52,000*	255
260	27.5	349.0	30,500	50,500*	260
265	24.6	338.5	29,200	49,200*	265
270	21.5	326.4	28,000	47,900*	270
275	17.7	311.9	26,800	46,900*	275
280	13.0	292.9	25,600	45,700*	280
285	4.2	257.0	24,300	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

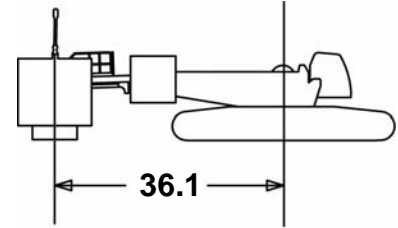
236.2 ft Boom, 236.2 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
160													160
165													165
170													170
175													175
180	62.7	446.4	46,800	74,500*									180
185	61.3	443.7	44,700	74,500*									185
190	59.9	440.8	42,600	74,500*									190
195	58.5	437.7	40,700	74,500*									195
200	57.1	434.5	38,800	74,500*									200
205	55.6	431.1	37,100	74,500*									205
210	54.1	427.5	35,400	74,500*									210
215	52.6	423.7	33,800	74,500*									215
220	51.0	419.6	32,300	74,500*	57.0	427.8	22,600	68,500*					220
225	49.4	415.4	30,900	74,500*	55.5	424.4	21,400	68,500*					225
230	47.8	410.9	29,500	74,500*	54.0	420.8	20,300	68,500*					230
235	46.1	406.1	28,200	74,500*	52.5	417.0	19,200	68,500*					235
240	44.4	401.0	26,900	74,500*	50.9	412.9	18,100	68,500*					240
245	42.6	395.7	25,700	73,100*	49.3	408.6	17,100	67,300					245
250	40.8	389.9	24,500	71,000*	47.7	404.1	16,100	65,400					250
255	38.9	383.8	23,400	68,500*	46.0	399.3	15,200	63,500	52.2	408.0	7,100	56,800*	255
260	36.8	377.2	22,300	65,800*	44.3	394.3	14,200	61,800	50.6	404.0	6,400	55,100*	260
265	34.7	370.1	21,300	63,200*	42.5	388.9	13,400	60,100	49.0	399.6	5,700	53,400*	265
270	32.5	362.4	20,200	60,800*	40.7	383.1	12,500	58,400	47.4	395.1	5,000	51,800*	270
275	30.1	354.0	19,300	58,400*	38.7	376.9	11,700	56,900	45.7	390.2	4,300	50,300*	275
280	27.6	344.7	18,300	56,200*	36.7	370.3	10,900	55,300	44.0	385.1	3,700	48,800*	280
285	24.8	334.2	17,400	54,000*	34.6	363.2	10,100	53,900	42.2	379.6	3,000	47,300*	285
290	21.6	322.2	16,500	51,900*	32.4	355.5	9,400	52,500	40.3	373.8	2,400	45,900*	290
295	17.9	307.7	15,600	49,900*	30.0	347.0	8,700	51,100	38.4	367.5	1,900	44,600*	295
300	13.2	289.0	14,600	47,800*	27.4	337.6	8,000	49,800	36.3	360.9		43,300*	300
305	4.9	255.1	13,600	42,000*	24.6	327.1	7,300	48,500	34.2	353.6		42,000*	305
310					21.4	314.9	6,600	47,200*	31.9	345.7		40,700*	310
315					17.7	300.3	5,900	45,800*	29.5	337.1		39,500*	315
320					12.8	281.1	5,200	44,500*	26.9	327.5		38,400*	320
325					3.7	244.0	4,400	42,800*	24.0	316.7		37,200*	325
330									20.7	304.2		36,100*	330
335									16.9	289.0		35,000*	335
340									11.7	268.4		33,900*	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  
313,850 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	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	
175	61.1	465.2	60,200	70,000*	175
180	59.8	462.4	57,500	70,000*	180
185	58.5	459.3	55,000	70,000*	185
190	57.2	456.1	52,600	70,000*	190
195	55.9	452.7	50,300	69,600*	195
200	54.5	449.2	48,200	68,000*	200
205	53.1	445.4	46,200	66,500*	205
210	51.7	441.5	44,200	64,800*	210
215	50.2	437.3	42,400	63,100*	215
220	48.7	433.0	40,700	61,400*	220
225	47.2	428.4	39,000	59,800*	225
230	45.6	423.5	37,400	58,100*	230
235	44.0	418.4	35,900	56,500*	235
240	42.4	413.0	34,400	54,800*	240
245	40.7	407.2	33,000	53,300*	245
250	38.9	401.1	31,600	51,800*	250
255	37.1	394.5	30,300	50,300*	255
260	35.1	387.5	29,100	48,900*	260
265	33.1	380.0	27,800	47,500*	265
270	31.0	371.8	26,700	46,200*	270
275	28.7	362.9	25,500	45,000*	275
280	26.2	353.0	24,400	43,900*	280
285	23.5	341.9	23,400	42,800*	285
290	20.4	329.1	22,300	41,900*	290
295	16.8	313.7	21,300	41,100*	295
300	12.1	293.4	20,200	37,700*	300
305	2.5	250.8	19,000	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

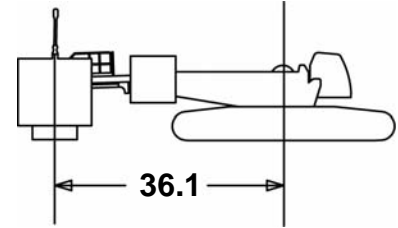
236.2 ft Boom, 255.9 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
175													175
180													180
185													185
190	62.5	463.4	40,800	64,000*									190
195	61.2	460.6	38,900	64,000*									195
200	59.9	457.7	37,100	64,000*									200
205	58.6	454.7	35,400	64,000*									205
210	57.3	451.5	33,700	64,000*									210
215	55.9	448.1	32,100	64,000*									215
220	54.5	444.6	30,600	64,000*									220
225	53.1	440.8	29,200	64,000*									225
230	51.7	436.9	27,800	64,000*	57.2	444.8	18,400	58,300*					230
235	50.3	432.8	26,500	64,000*	55.8	441.4	17,300	58,300*					235
240	48.8	428.4	25,300	64,000*	54.5	437.9	16,300	58,300*					240
245	47.3	423.8	24,100	64,000*	53.1	434.1	15,300	58,300*					245
250	45.7	419.0	22,900	64,000*	51.6	430.2	14,300	58,300*					250
255	44.1	413.9	21,800	64,000*	50.2	426.0	13,400	58,300*					255
260	42.4	408.4	20,700	64,000*	48.7	421.6	12,500	58,300*					260
265	40.7	402.7	19,700	61,900*	47.2	417.0	11,600	58,300*	52.8	425.2	3,800	51,400*	265
270	39.0	396.6	18,700	59,500*	45.6	412.2	10,800	57,000	51.4	421.2	3,100	49,800*	270
275	37.1	390.0	17,700	57,200*	44.0	407.0	10,000	55,500	49.9	417.0	2,500	48,200*	275
280	35.2	383.0	16,800	55,000*	42.3	401.6	9,200	54,000	48.4	412.6	1,800	46,800*	280
285	33.2	375.5	15,900	52,900*	40.6	395.8	8,500	52,500	46.9	408.0		45,300*	285
290	31.0	367.4	15,000	50,900*	38.9	389.7	7,800	51,100*	45.3	403.1		44,000*	290
295	28.8	358.5	14,200	48,900*	37.0	383.1	7,100	49,600*	43.7	397.9		42,600*	295
300	26.3	348.6	13,300	47,100*	35.1	376.1	6,400	48,200*	42.0	392.4		41,300*	300
305	23.6	337.6	12,500	45,300*	33.1	368.6	5,700	46,800*	40.3	386.5		40,100*	305
310	20.5	324.9	11,700	43,500*	30.9	360.4	5,100	45,500*	38.5	380.3		38,900*	310
315	16.9	309.6	10,900	41,700*	28.6	351.4	4,400	44,200*	36.7	373.7		37,700*	315
320	12.3	289.6	10,100	40,000*	26.1	341.5	3,800	42,900*	34.7	366.6		36,500*	320
325	3.5	250.6	9,200	34,200*	23.4	330.4	3,200	41,700*	32.7	358.9		35,400*	325
330					20.3	317.6	2,600	40,500*	30.5	350.6		34,300*	330
335					16.7	302.1	2,000	39,300*	28.2	341.5		33,300*	335
340					12.0	281.6		38,100*	25.6	331.4		32,200*	340
345					1.5	235.2		35,600*	22.9	320.0		31,200*	345
350									19.7	306.7		30,200*	350
355									15.9	290.6		29,200*	355
360									10.8	268.6		28,200*	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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



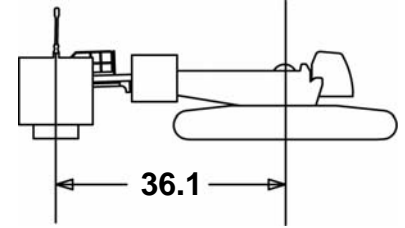
## 16000 MAX-ER

236.2 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	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	
185	61.0	482.2	53,000	59,500*	185
190	59.8	479.3	50,600	59,400*	190
195	58.6	476.3	48,400	59,300*	195
200	57.4	473.1	46,300	59,200*	200
205	56.1	469.7	44,200	59,100*	205
210	54.9	466.2	42,300	59,000*	210
215	53.6	462.5	40,500	58,600*	215
220	52.2	458.7	38,800	57,400*	220
225	50.9	454.6	37,100	56,100*	225
230	49.5	450.4	35,500	54,800*	230
235	48.2	446.0	34,000	53,500*	235
240	46.7	441.3	32,500	52,200*	240
245	45.3	436.4	31,100	50,800*	245
250	43.8	431.2	29,800	49,500*	250
255	42.2	425.7	28,500	48,300*	255
260	40.7	419.9	27,300	47,000*	260
265	39.0	413.8	26,100	45,800*	265
270	37.3	407.3	24,900	44,600*	270
275	35.5	400.4	23,800	43,500*	275
280	33.7	393.0	22,700	42,400*	280
285	31.7	385.1	21,700	41,300*	285
290	29.7	376.5	20,700	40,300*	290
295	27.4	367.1	19,700	39,300*	295
300	25.0	356.7	18,700	38,400*	300
305	22.4	345.0	17,800	37,300*	305
310	19.4	331.5	16,900	35,800*	310
315	15.9	315.3	16,000	34,300*	315
320	11.3	293.7	15,100	30,600*	320
325					325
330					330
335					335
340					340
345					345
350					350
355					355
360					360
365					365
370					370
375					375
380					380

# 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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

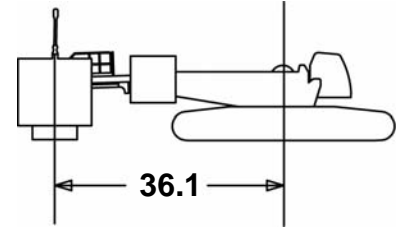
### 236.2 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
185												185
190												190
195												195
200	62.3	480.3	34,900	54,400*								200
205	61.1	477.6	33,200	54,400*								205
210	59.9	474.7	31,500	54,400*								210
215	58.7	471.6	30,000	54,400*								215
220	57.4	468.5	28,500	54,400*								220
225	56.2	465.1	27,100	54,400*								225
230	54.9	461.6	25,700	54,400*								230
235	53.6	457.9	24,400	54,400*								235
240	52.3	454.1	23,200	54,400*	57.3	461.8	14,000	49,300*				240
245	51.0	450.1	22,000	54,400*	56.1	458.4	13,000	49,300*				245
250	49.6	445.8	20,800	54,400*	54.8	454.9	12,100	49,300*				250
255	48.2	441.4	19,800	54,400*	53.5	451.2	11,200	49,300*				255
260	46.8	436.7	18,700	54,400*	52.2	447.4	10,300	49,300*				260
265	45.3	431.8	17,700	54,400*	50.9	443.3	9,400	49,300*				265
270	43.8	426.6	16,700	54,400*	49.5	439.1	8,600	49,300*				270
275	42.3	421.2	15,800	54,400*	48.1	434.6	7,800	49,300*				275
280	40.7	415.4	14,800	54,000*	46.7	429.9	7,100	49,300*	52.0	438.5	44,200*	280
285	39.1	409.3	14,000	51,900*	45.2	425.0	6,300	49,300*	50.6	434.4	42,800*	285
290	37.4	402.9	13,100	49,900*	43.7	419.8	5,600	48,800*	49.3	430.1	41,500*	290
295	35.6	396.0	12,300	47,900*	42.2	414.4	4,900	47,300*	47.9	425.6	40,100*	295
300	33.7	388.6	11,500	46,100*	40.6	408.6	4,300	45,900*	46.4	420.9	38,900*	300
305	31.8	380.6	10,700	44,300*	39.0	402.5	3,600	44,500*	45.0	415.9	37,600*	305
310	29.7	372.1	9,900	42,500*	37.3	396.0	3,000	43,200*	43.5	410.6	36,400*	310
315	27.5	362.7	9,200	40,900*	35.5	389.0	2,400	42,000*	41.9	405.1	35,300*	315
320	25.1	352.4	8,500	39,200*	33.6	381.6	1,800	40,700*	40.3	399.3	34,200*	320
325	22.5	340.7	7,800	37,700*	31.7	373.7		39,500*	38.7	393.1	33,100*	325
330	19.5	327.4	7,100	36,100*	29.6	365.0		38,300*	36.9	386.5	32,000*	330
335	16.0	311.2	6,400	34,600*	27.4	355.6		37,200*	35.2	379.5	31,000*	335
340	11.5	290.0	5,600	33,100*	25.0	345.2		36,100*	33.3	372.0	30,000*	340
345	1.1	240.6	4,700	26,500*	22.3	333.5		35,000*	31.3	363.9	29,000*	345
350					19.3	320.0		33,900*	29.2	355.2	28,000*	350
355					15.8	303.7		32,900*	27.0	345.6	27,100*	355
360					11.2	281.9		31,800*	24.5	335.0	26,200*	360
365									21.8	323.0	25,300*	365
370									18.7	309.0	24,400*	370
375									15.0	292.0	23,500*	375
380									10.0	268.4	22,600*	380

# 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  
313,850 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	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	
85	67.6	333.6	179,500	224,000 <sup>c</sup>	85
90	63.6	331.1	167,400	221,700 <sup>b</sup>	90
95	59.4	328.2	156,700	212,600 <sup>b</sup>	95
100	54.9	324.7	147,100	203,400 <sup>b</sup>	100
105	50.2	320.6	138,500	194,200 <sup>b</sup>	105
110	45.2	315.8	130,700	185,000 <sup>*</sup>	110
115	39.6	309.9	123,500	175,900 <sup>*</sup>	115
120	33.1	302.6	117,000	166,600 <sup>*</sup>	120
125	25.2	292.9	110,800	157,000 <sup>*</sup>	125
130	12.8	276.7	104,900	146,400 <sup>*</sup>	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

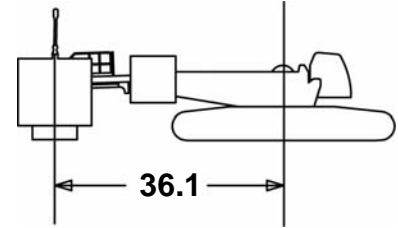
255.9 ft Boom, 78.7 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85													85
90													90
95													95
100													100
105													105
110													110
115	61.0	324.2	105,400	204,000*b									115
120	56.6	321.0	99,800	194,700*b									120
125	52.0	317.1	94,700	186,200*b									125
130	47.1	312.6	90,000	178,300*									130
135	41.7	307.1	85,600	170,900									135
140	35.7	300.4	81,500	163,600	57.8	314.9	67,200	152,600 <b></b>					140
145	28.4	291.8	77,600	156,700	53.3	311.2	64,000	146,300 <b></b>					145
150	18.5	279.2	73,800	150,200	48.5	306.9	61,000	140,400					150
155					43.2	301.7	58,200	134,900					155
160					37.4	295.4	55,600	129,800					160
165					30.5	287.4	53,000	124,900					165
170					21.6	276.2	50,500	120,300	49.1	298.6	39,600	112,000 <b></b>	170
175									43.9	293.6	37,700	108,000	175
180									38.2	287.4	36,000	104,300	180
185									31.5	279.7	34,300	100,700	185
190									23.0	269.2	32,500	97,300	190
195									6.7	247.4	30,600	93,800	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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

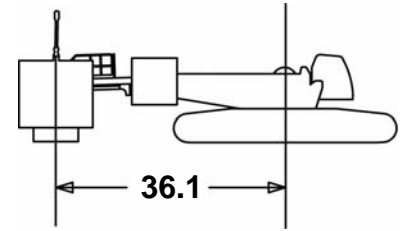
### 255.9 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	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	
95	66.0	350.6	155,600	193,100* <sup>b</sup>	95
100	62.8	348.1	146,100	191,900* <sup>b</sup>	100
105	59.4	345.1	137,500	185,600* <sup>b</sup>	105
110	55.9	341.8	129,800	178,600*	110
115	52.2	338.0	122,700	171,700*	115
120	48.3	333.6	116,300	164,700*	120
125	44.2	328.5	110,400	157,900*	125
130	39.7	322.7	105,000	151,000*	130
135	34.7	315.7	99,900	144,200*	135
140	29.0	307.2	95,200	137,200*	140
145	21.8	295.9	90,700	129,900*	145
150	10.1	276.4	86,300	121,500*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

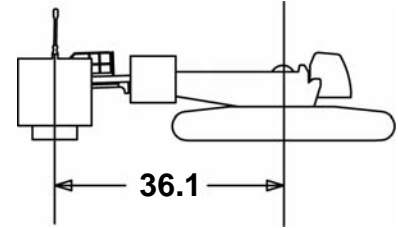
### 255.9 ft Boom, 98.4 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95													95
100													100
105													105
110													110
115													115
120													120
125	60.7	341.2	93,300	184,800* <sup>b</sup>									125
130	57.2	338.0	88,700	177,000*									130
135	53.6	334.3	84,400	169,800*									135
140	49.8	330.2	80,400	162,600									140
145	45.8	325.4	76,700	155,800									145
150	41.4	319.9	73,200	149,600									150
155	36.7	313.4	69,900	143,700	54.6	328.4	56,800	133,700					155
160	31.2	305.5	66,900	138,300	50.8	324.3	54,200	128,600					160
165	24.7	295.4	63,900	133,100	46.9	319.7	51,800	123,900					165
170	15.6	280.6	61,000	126,400*	42.6	314.4	49,500	119,400					170
175					38.0	308.2	47,400	115,200					175
180					32.8	300.8	45,300	111,200	51.3	316.0	34,400	103,000	180
185					26.6	291.4	43,300	107,500	47.4	311.5	32,900	99,500	185
190					18.5	278.4	41,300	103,800	43.2	306.3	31,400	96,200	190
195									38.6	300.2	29,900	93,100	195
200									33.5	293.0	28,500	90,200	200
205									27.5	284.0	27,200	87,300	205
210									19.8	271.6	25,800	84,600	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  
 313,850 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	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	
100	67.6	370.0	144,200	167,900* <sup>b</sup>	100
105	64.9	367.7	135,700	167,600* <sup>b</sup>	105
110	62.2	365.0	128,000	166,700*	110
115	59.4	362.1	121,000	163,900*	115
120	56.5	358.8	114,600	158,000*	120
125	53.5	355.1	108,800	151,900*	125
130	50.4	351.0	103,400	145,800*	130
135	47.1	346.5	98,500	139,800*	135
140	43.6	341.3	93,900	134,000*	140
145	39.8	335.4	89,600	128,400*	145
150	35.8	328.7	85,600	123,100*	150
155	31.2	320.7	81,800	118,200*	155
160	25.9	311.1	78,300	113,900*	160
165	19.3	298.3	74,900	109,600*	165
170	7.8	275.3	71,400	102,800*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

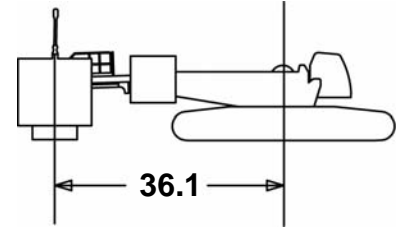
255.9 ft Boom, 118.1 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135	60.5	358.1	82,200	162,600*									135
140	57.6	355.0	78,300	160,500*									140
145	54.6	351.5	74,700	154,100									145
150	51.5	347.5	71,300	147,900									150
155	48.3	343.1	68,100	142,100									155
160	44.9	338.2	65,100	136,700									160
165	41.3	332.6	62,300	131,700	55.4	345.4	49,500	122,000					165
170	37.3	326.2	59,700	127,000	52.4	341.6	47,300	117,600					170
175	33.0	318.8	57,100	122,500	49.2	337.3	45,200	113,400					175
180	28.0	309.8	54,700	118,300	45.8	332.6	43,300	109,500					180
185	22.0	298.5	52,400	113,800*	42.3	327.2	41,400	105,900					185
190	13.4	281.5	50,100	107,300*	38.4	321.0	39,600	102,400	52.8	333.3	29,000	94,300	190
195					34.2	313.9	37,900	99,100	49.6	329.1	27,600	91,200	195
200					29.4	305.4	36,300	95,900	46.3	324.4	26,300	88,300	200
205					23.7	294.8	34,700	92,900	42.7	319.1	25,100	85,600	205
210					16.2	280.1	33,000	90,000	38.9	313.0	23,900	83,000	210
215									34.8	306.0	22,700	80,500	215
220									30.1	297.8	21,600	78,100	220
225									24.6	287.5	20,400	75,700	225
230									17.4	273.6	19,300	73,500	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  
313,850 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	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	
110	66.5	387.1	126,600	146,400*	110
115	64.2	384.7	119,600	146,200*	115
120	61.8	382.0	113,300	145,700*	120
125	59.4	379.1	107,500	142,200*	125
130	56.9	375.8	102,100	137,400*	130
135	54.4	372.3	97,200	132,500*	135
140	51.7	368.4	92,700	127,600*	140
145	49.0	364.0	88,400	122,700*	145
150	46.1	359.3	84,500	117,800*	150
155	43.1	354.0	80,800	113,100*	155
160	39.9	348.2	77,300	108,600*	160
165	36.5	341.6	74,100	104,300*	165
170	32.7	334.0	71,000	100,400*	170
175	28.5	325.2	68,100	96,700*	175
180	23.5	314.4	65,300	93,500*	180
185	17.3	300.2	62,600	91,000*	185
190	5.8	273.0	59,800	88,100*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

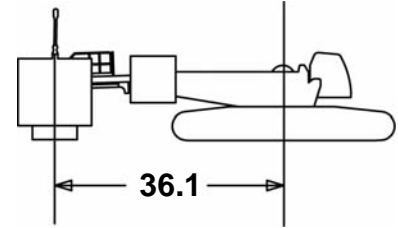
255.9 ft Boom, 137.8 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	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													110
115													115
120													120
125													125
130													130
135													135
140	62.7	377.9	76,600	140,200*									140
145	60.3	375.1	73,000	140,200*									145
150	57.9	372.0	69,700	140,200*									150
155	55.3	368.5	66,500	139,900*									155
160	52.7	364.7	63,600	135,400									160
165	50.0	360.6	60,900	130,400									165
170	47.2	356.0	58,300	125,700									170
175	44.3	351.0	55,800	121,300	56.0	362.5	43,500	112,000					175
180	41.1	345.3	53,500	117,200	53.4	358.8	41,600	108,100					180
185	37.8	339.0	51,300	113,200	50.8	354.7	39,800	104,500					185
190	34.1	331.9	49,200	109,500	48.0	350.3	38,100	101,100					190
195	30.1	323.5	47,200	106,000	45.1	345.4	36,400	97,800					195
200	25.5	313.6	45,300	102,600*	42.0	339.9	34,800	94,700					200
205	19.8	301.0	43,400	97,800*	38.7	333.8	33,300	91,800	51.1	346.5	23,300	84,100	205
210	11.6	281.9	41,500	92,400*	35.2	326.9	31,900	89,000	48.4	342.1	22,100	81,600	210
215					31.2	318.9	30,500	86,300	45.5	337.2	21,000	79,100	215
220					26.8	309.5	29,200	83,700	42.4	331.8	20,000	76,800	220
225					21.5	297.7	27,800	81,200	39.1	325.8	19,000	74,500	225
230					14.3	281.2	26,500	78,800	35.6	319.0	18,000	72,400	230
235									31.8	311.2	17,000	70,300	235
240									27.4	302.0	16,100	68,300	240
245									22.3	290.6	15,100	66,400	245
250									15.5	275.0	14,200	64,500	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  
 313,850 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	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	
120	65.6	404.1	111,300	127,000*	120
125	63.6	401.7	105,500	127,000*	125
130	61.5	399.0	100,200	126,800*	130
135	59.4	396.0	95,300	123,900*	135
140	57.3	392.8	90,800	120,000*	140
145	55.0	389.3	86,600	116,100*	145
150	52.8	385.6	82,700	112,100*	150
155	50.4	381.5	79,000	108,100*	155
160	48.0	377.0	75,600	104,200*	160
165	45.4	372.1	72,400	100,300*	165
170	42.8	366.8	69,400	96,500*	170
175	40.0	360.9	66,600	92,900*	175
180	37.0	354.4	63,900	89,400*	180
185	33.8	347.1	61,300	86,200*	185
190	30.2	338.8	58,900	83,100*	190
195	26.3	329.1	56,600	80,400*	195
200	21.6	317.4	54,300	78,000*	200
205	15.6	301.7	52,200	76,100*	205
210	3.4	268.4	49,800	74,900*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

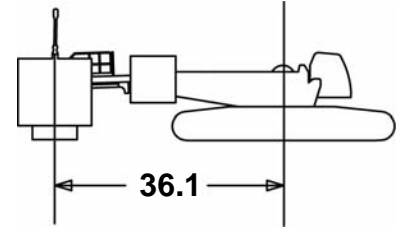
255.9 ft Boom, 157.5 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	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													120
125													125
130													130
135													135
140													140
145													145
150	62.3	394.9	67,400	121,100*									150
155	60.2	392.0	64,300	121,100*									155
160	58.1	388.9	61,400	121,100*									160
165	55.9	385.6	58,700	121,100*									165
170	53.6	381.9	56,200	121,100*									170
175	51.3	377.9	53,800	118,400*									175
180	48.9	373.6	51,500	115,200*									180
185	46.4	368.9	49,300	111,600	56.5	379.5	37,400	102,600					185
190	43.8	363.7	47,300	107,900	54.2	375.9	35,700	99,200					190
195	41.0	358.1	45,400	104,500	51.9	372.0	34,100	95,900					195
200	38.1	351.8	43,500	101,100	49.5	367.8	32,600	92,900					200
205	35.0	344.8	41,700	98,000	47.1	363.2	31,200	90,000					205
210	31.6	337.0	40,000	94,900*	44.5	358.2	29,800	87,200					210
215	27.8	327.8	38,400	91,300*	41.8	352.6	28,500	84,600	52.2	363.7	18,600	77,100	215
220	23.5	317.0	36,800	87,600*	38.9	346.6	27,200	82,100	49.9	359.5	17,600	74,800	220
225	18.1	303.1	35,300	83,600*	35.9	339.8	26,000	79,700	47.4	355.0	16,600	72,600	225
230	10.1	281.7	33,700	78,900*	32.5	332.2	24,800	77,400	44.8	350.0	15,700	70,500	230
235					28.9	323.4	23,600	75,200	42.1	344.5	14,800	68,500	235
240					24.7	313.1	22,500	73,000	39.3	338.5	13,900	66,500	240
245					19.7	300.2	21,400	71,000	36.3	331.9	13,100	64,700	245
250					12.8	282.0	20,300	69,000	33.0	324.4	12,300	62,900	250
255									29.4	315.8	11,500	61,200	255
260									25.3	305.7	10,700	59,500	260
265									20.4	293.3	9,900	57,900	265
270									13.9	276.1	9,100	56,200	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

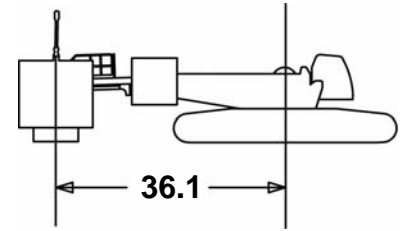
**255.9 ft Boom, 177.2 ft Luffing Jib**

Jib Oper. Rad. Feet	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	
130	65.0	421.2	98,700	111,000*	130
135	63.1	418.6	93,800	111,000*	135
140	61.3	415.9	89,300	110,900*	140
145	59.4	413.0	85,100	108,600*	145
150	57.5	409.8	81,200	105,500*	150
155	55.5	406.4	77,600	102,400*	155
160	53.5	402.7	74,200	99,100*	160
165	51.5	398.8	71,000	95,900*	165
170	49.4	394.5	68,000	92,600*	170
175	47.2	389.9	65,200	89,400*	175
180	44.9	384.9	62,600	86,300*	180
185	42.5	379.5	60,000	83,200*	185
190	40.0	373.7	57,700	80,200*	190
195	37.4	367.2	55,400	77,400*	195
200	34.6	360.1	53,200	74,700*	200
205	31.5	352.2	51,200	72,200*	205
210	28.2	343.2	49,200	69,900*	210
215	24.4	332.7	47,300	67,800*	215
220	20.0	319.9	45,500	66,000*	220
225	14.2	302.8	43,600	64,600*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

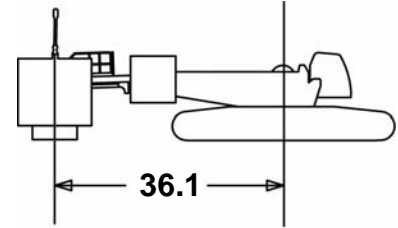
255.9 ft Boom, 177.2 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
130													130
135													135
140													140
145													145
150													150
155													155
160	62.0	411.8	59,700	105,200*									160
165	60.1	409.0	57,000	105,200*									165
170	58.2	405.9	54,500	105,200*									170
175	56.3	402.6	52,100	105,200*									175
180	54.3	399.0	49,800	105,200*									180
185	52.3	395.2	47,700	105,200*									185
190	50.2	391.0	45,700	104,900*									190
195	48.0	386.5	43,800	102,200*	56.8	396.5	32,300	94,400					195
200	45.7	381.7	42,000	99,500*	54.8	393.0	30,800	91,400					200
205	43.4	376.5	40,300	96,700*	52.8	389.2	29,400	88,500					205
210	41.0	370.8	38,600	93,800	50.7	385.1	28,100	85,800					210
215	38.4	364.6	37,000	91,000	48.6	380.8	26,800	83,200					215
220	35.6	357.8	35,500	88,300*	46.4	376.1	25,500	80,700					220
225	32.7	350.2	34,100	85,400*	44.0	370.9	24,300	78,300					225
230	29.5	341.6	32,700	82,400*	41.6	365.4	23,200	76,100	51.0	376.9	13,900	69,000	230
235	25.9	331.7	31,300	79,400*	39.1	359.3	22,100	73,900	48.9	372.5	13,000	67,000	235
240	21.8	319.9	30,000	76,200*	36.4	352.7	21,000	71,800	46.6	367.9	12,200	65,100	240
245	16.6	304.9	28,700	72,700*	33.5	345.3	20,000	69,800	44.3	362.8	11,400	63,300	245
250	8.8	281.1	27,300	68,600*	30.4	337.0	19,000	67,900	41.9	357.3	10,600	61,500	250
255					26.9	327.5	18,100	66,000	39.4	351.3	9,800	59,800	255
260					22.9	316.3	17,100	64,200	36.7	344.7	9,100	58,200	260
265					18.2	302.4	16,200	62,500	33.9	337.5	8,400	56,600	265
270					11.5	282.3	15,200	60,800	30.8	329.3	7,700	55,100	270
275									27.4	320.0	7,000	53,500*	275
280									23.5	309.1	6,300	52,000*	280
285									18.8	295.6	5,700	50,500*	285
290									12.5	276.7	4,900	49,000*	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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

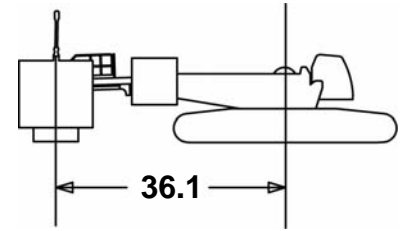
### 255.9 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	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	
145	62.8	435.6	83,200	96,400*	145
150	61.1	432.9	79,300	96,400*	150
155	59.4	429.9	75,700	95,400*	155
160	57.7	426.8	72,300	92,900*	160
165	56.0	423.4	69,100	90,400*	165
170	54.2	419.8	66,200	87,700*	170
175	52.3	416.0	63,400	85,100*	175
180	50.4	411.9	60,700	82,500*	180
185	48.5	407.5	58,200	79,800*	185
190	46.5	402.8	55,900	77,200*	190
195	44.4	397.7	53,600	74,600*	195
200	42.3	392.3	51,500	72,100*	200
205	40.0	386.4	49,500	69,700*	205
210	37.7	380.1	47,600	67,400*	210
215	35.2	373.1	45,700	65,200*	215
220	32.5	365.4	44,000	63,100*	220
225	29.6	356.9	42,300	61,200*	225
230	26.5	347.2	40,600	59,400*	230
235	22.9	335.9	39,100	57,800*	235
240	18.6	322.2	37,500	56,300*	240
245	13.0	303.6	36,000	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
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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

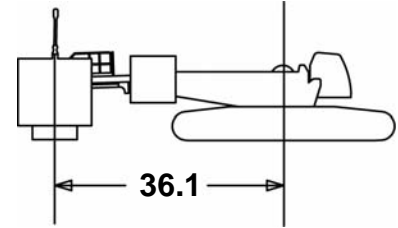
255.9 ft Boom, 196.9 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
145													145
150													150
155													155
160													160
165													165
170	61.7	428.8	52,300	90,800*									170
175	60.1	425.9	49,900	90,800*									175
180	58.4	422.9	47,700	90,800*									180
185	56.6	419.6	45,600	90,800*									185
190	54.8	416.1	43,600	90,800*									190
195	53.0	412.3	41,700	90,800*									195
200	51.2	408.3	39,900	90,800*									200
205	49.2	404.0	38,200	90,800*	57.1	413.5	27,100	84,300*					205
210	47.3	399.5	36,600	90,700*	55.3	410.0	25,700	83,900					210
215	45.2	394.5	35,000	88,500*	53.5	406.4	24,500	81,300					215
220	43.1	389.3	33,600	86,200*	51.7	402.4	23,300	78,900					220
225	40.9	383.6	32,100	83,800*	49.8	398.2	22,100	76,500					225
230	38.6	377.4	30,800	81,400*	47.8	393.7	21,000	74,300					230
235	36.1	370.7	29,500	79,100*	45.8	388.9	19,900	72,100					235
240	33.5	363.3	28,200	76,600*	43.7	383.7	18,900	70,100	51.9	394.1	9,800	63,100*	240
245	30.8	355.1	27,000	74,200*	41.5	378.1	17,900	68,100	50.0	390.0	9,000	61,200*	245
250	27.7	345.9	25,800	71,600*	39.2	372.1	17,000	66,200	48.1	385.5	8,200	59,400*	250
255	24.3	335.2	24,700	69,000*	36.8	365.5	16,100	64,400	46.0	380.7	7,500	57,600*	255
260	20.3	322.6	23,600	66,200*	34.3	358.3	15,200	62,700	44.0	375.6	6,800	55,900*	260
265	15.4	306.3	22,500	63,100*	31.5	350.4	14,300	61,000	41.8	370.0	6,200	54,300*	265
270	7.5	279.9	21,300	59,500*	28.5	341.4	13,500	59,300	39.5	364.1	5,500	52,700*	270
275					25.2	331.3	12,600	57,800	37.1	357.6	4,900	51,200*	275
280					21.5	319.2	11,800	56,200	34.6	350.5	4,300	49,700*	280
285					16.8	304.2	11,000	54,700	31.9	342.6	3,600	48,300*	285
290					10.3	282.2	10,200	53,200	29.0	333.8	3,100	46,900*	290
295									25.7	323.8	2,500	45,500*	295
300									22.0	312.1	1,900	44,200*	300
305									17.5	297.6		42,900*	305
310									11.4	277.0		41,600*	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  
313,850 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	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	
155	62.5	452.6	73,700	84,100*	155
160	61.0	449.8	70,300	84,100*	160
165	59.4	446.9	67,200	83,800*	165
170	57.9	443.7	64,200	81,900*	170
175	56.3	440.4	61,400	79,900*	175
180	54.7	436.9	58,800	77,800*	180
185	53.0	433.1	56,300	75,600*	185
190	51.3	429.2	54,000	73,500*	190
195	49.6	424.9	51,800	71,300*	195
200	47.8	420.4	49,700	69,200*	200
205	46.0	415.6	47,700	67,100*	205
210	44.1	410.5	45,800	65,000*	210
215	42.1	405.0	43,900	63,000*	215
220	40.1	399.2	42,200	61,000*	220
225	37.9	392.9	40,500	59,200*	225
230	35.7	386.0	38,900	57,300*	230
235	33.3	378.5	37,400	55,600*	235
240	30.8	370.3	35,900	54,000*	240
245	28.0	361.2	34,500	52,500*	245
250	25.0	350.9	33,100	51,100*	250
255	21.5	338.9	31,800	49,800*	255
260	17.4	324.2	30,500	48,800*	260
265	12.0	304.2	29,200	48,100*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

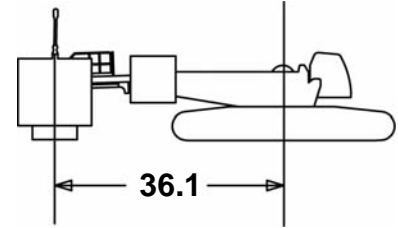
255.9 ft Boom, 216.5 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
155													155
160													160
165													165
170													170
175													175
180	61.5	445.8	45,500	78,900*									180
185	60.0	442.9	43,400	78,900*									185
190	58.5	439.8	41,500	78,900*									190
195	56.9	436.6	39,600	78,900*									195
200	55.3	433.1	37,800	78,900*									200
205	53.6	429.5	36,100	78,900*									205
210	52.0	425.6	34,500	78,900*									210
215	50.2	421.4	33,000	78,900*	57.3	430.5	22,200	72,600*					215
220	48.5	417.0	31,500	78,900*	55.7	427.1	21,000	72,600*					220
225	46.7	412.4	30,100	78,900*	54.1	423.5	19,900	72,600*					225
230	44.8	407.4	28,800	78,600*	52.4	419.6	18,800	72,500					230
235	42.9	402.0	27,500	76,700*	50.7	415.6	17,800	70,400					235
240	40.8	396.3	26,300	74,700*	49.0	411.2	16,800	68,300					240
245	38.8	390.2	25,100	72,700*	47.2	406.6	15,800	66,400					245
250	36.6	383.5	24,000	70,700*	45.3	401.7	14,900	64,500	52.6	411.3	6,000	56,900*	250
255	34.2	376.3	22,900	68,600*	43.4	396.5	14,000	62,700	50.9	407.3	5,300	55,200*	255
260	31.8	368.4	21,800	66,500*	41.4	390.9	13,100	61,000	49.2	403.0	4,600	53,500*	260
265	29.1	359.6	20,800	64,300*	39.3	384.9	12,300	59,300	47.4	398.4	3,900	51,900*	265
270	26.2	349.8	19,800	62,100*	37.2	378.4	11,500	57,700	45.5	393.5	3,300	50,300*	270
275	22.9	338.5	18,800	59,800*	34.9	371.3	10,700	56,200	43.6	388.4	2,700	48,800*	275
280	19.1	325.0	17,800	57,300*	32.4	363.6	9,900	54,700	41.7	382.8	2,100	47,400*	280
285	14.3	307.5	16,900	54,600*	29.8	355.1	9,200	53,200	39.6	376.8	1,500	46,000*	285
290	6.4	278.0	15,800	51,400*	27.0	345.5	8,500	51,800	37.4	370.4		44,600*	290
295					23.8	334.7	7,800	50,500	35.2	363.4		43,300*	295
300					20.2	321.9	7,100	49,200	32.8	355.8		42,000*	300
305					15.7	305.8	6,300	47,800*	30.2	347.4		40,800*	305
310					9.2	281.8	5,600	46,300*	27.4	338.0		39,600*	310
315									24.2	327.4		38,400*	315
320									20.7	314.8		37,200*	320
325									16.4	299.3		36,100*	325
330									10.3	277.0		34,900*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

**255.9 ft Boom, 236.2 ft Luffing Jib**

Jib Oper. Rad. Feet	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	
165	62.2	469.6	65,300	73,200*	165
170	60.8	466.8	62,400	73,200*	170
175	59.4	463.8	59,600	73,200*	175
180	58.0	460.7	57,000	72,100*	180
185	56.6	457.4	54,500	70,500*	185
190	55.1	454.0	52,200	68,900*	190
195	53.6	450.3	50,000	67,100*	195
200	52.0	446.4	47,900	65,400*	200
205	50.5	442.3	45,900	63,700*	205
210	48.9	438.0	44,000	61,900*	210
215	47.2	433.4	42,200	60,200*	215
220	45.5	428.5	40,500	58,500*	220
225	43.8	423.3	38,800	56,800*	225
230	42.0	417.8	37,300	55,200*	230
235	40.1	411.9	35,700	53,600*	235
240	38.2	405.6	34,300	52,000*	240
245	36.1	398.9	32,900	50,500*	245
250	34.0	391.6	31,600	49,100*	250
255	31.7	383.6	30,300	47,700*	255
260	29.3	374.9	29,000	46,500*	260
265	26.6	365.2	27,800	45,200*	265
270	23.7	354.3	26,700	44,200*	270
275	20.4	341.5	25,500	43,200*	275
280	16.4	325.9	24,400	42,500*	280
285	11.0	304.4	23,200	42,000*	285
290					290
295					295
300					300
305					305
310					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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

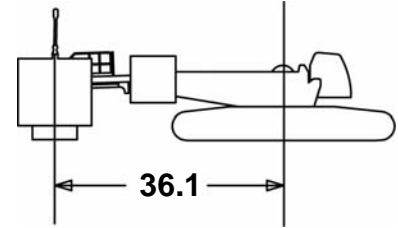
255.9 ft Boom, 236.2 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
165													165
170													170
175													175
180													180
185	62.7	465.5	41,300	67,800*									185
190	61.4	462.7	39,400	67,800*									190
195	60.0	459.8	37,500	67,800*									195
200	58.5	456.8	35,700	67,800*									200
205	57.1	453.6	34,100	67,800*									205
210	55.6	450.2	32,500	67,800*									210
215	54.1	446.6	31,000	67,800*									215
220	52.6	442.8	29,500	67,800*									220
225	51.1	438.7	28,200	67,800*	57.5	447.5	17,700	62,500*					225
230	49.5	434.5	26,800	67,800*	56.0	444.1	16,600	62,500*					230
235	47.8	430.0	25,600	67,800*	54.5	440.5	15,600	62,500*					235
240	46.2	425.2	24,400	67,800*	53.0	436.8	14,600	62,500*					240
245	44.4	420.2	23,200	67,800*	51.5	432.8	13,600	62,500*					245
250	42.7	414.8	22,100	67,800*	49.9	428.6	12,700	62,500*					250
255	40.8	409.1	21,000	66,400*	48.3	424.2	11,900	61,000					255
260	38.9	402.9	20,000	64,800*	46.6	419.5	11,000	59,300					260
265	36.9	396.4	19,000	63,200*	44.9	414.5	10,200	57,700	51.7	424.5	1,700	49,400*	265
270	34.8	389.3	18,000	61,400*	43.1	409.3	9,400	56,100	50.1	420.4		47,900*	270
275	32.6	381.6	17,100	59,600*	41.3	403.6	8,700	54,600	48.5	416.0		46,400*	275
280	30.2	373.2	16,200	57,700*	39.4	397.6	8,000	53,000*	46.8	411.3		45,000*	280
285	27.6	363.9	15,300	55,800*	37.4	391.2	7,200	51,500*	45.1	406.4		43,600*	285
290	24.8	353.4	14,400	53,800*	35.4	384.2	6,600	50,000*	43.4	401.1		42,300*	290
295	21.7	341.4	13,600	51,800*	33.2	376.7	5,900	48,600*	41.5	395.5		41,000*	295
300	18.0	327.1	12,700	49,600*	30.8	368.5	5,200	47,200*	39.7	389.6		39,700*	300
305	13.3	308.4	11,900	47,200*	28.3	359.5	4,600	45,800*	37.7	383.2		38,500*	305
310	5.2	275.4	10,900	42,400*	25.6	349.4	4,000	44,500*	35.6	376.3		37,400*	310
315					22.6	337.8	3,400	43,200*	33.5	368.9		36,200*	315
320					19.0	324.2	2,700	42,000*	31.1	360.8		35,100*	320
325					14.7	307.0	2,100	40,700*	28.7	351.9		34,000*	325
330					8.2	280.9		39,400*	26.0	341.9		33,000*	330
335									23.0	330.6		31,900*	335
340									19.5	317.3		30,900*	340
345									15.3	300.7		29,900*	345
350									9.3	276.6		28,900*	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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

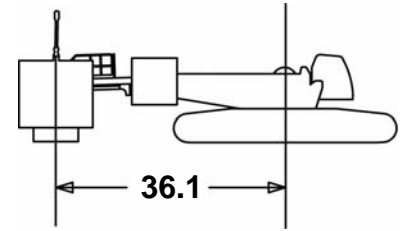
### 255.9 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	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	
180	60.7	483.7	55,300	63,100*	180
185	59.4	480.8	52,900	63,100*	185
190	58.1	477.7	50,600	63,100*	190
195	56.8	474.4	48,400	62,200*	195
200	55.4	471.0	46,300	60,900*	200
205	54.0	467.4	44,300	59,500*	205
210	52.6	463.6	42,400	58,200*	210
215	51.2	459.6	40,600	56,800*	215
220	49.7	455.4	38,900	55,300*	220
225	48.2	450.9	37,300	53,900*	225
230	46.7	446.2	35,700	52,600*	230
235	45.1	441.3	34,200	51,200*	235
240	43.5	436.1	32,800	49,800*	240
245	41.8	430.6	31,400	48,500*	245
250	40.1	424.7	30,100	47,200*	250
255	38.3	418.4	28,800	45,900*	255
260	36.5	411.7	27,600	44,700*	260
265	34.5	404.6	26,400	43,500*	265
270	32.4	396.9	25,300	42,400*	270
275	30.3	388.5	24,200	41,300*	275
280	27.9	379.2	23,100	40,300*	280
285	25.4	369.0	22,100	39,400*	285
290	22.5	357.4	21,100	38,600*	290
295	19.3	344.0	20,100	37,900*	295
300	15.4	327.4	19,100	37,300*	300
305	10.1	304.3	18,100	36,500*	305
310					310
315					315
320					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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

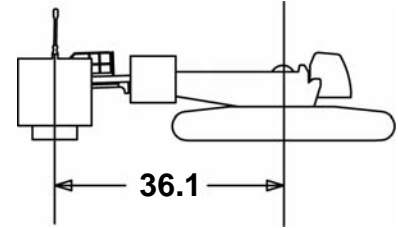
### 255.9 ft Boom, 255.9 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
180												180
185												185
190												190
195	62.5	482.4	35,700	58,300*								195
200	61.2	479.7	34,000	58,300*								200
205	59.9	476.8	32,300	58,300*								205
210	58.6	473.7	30,700	58,300*								210
215	57.3	470.5	29,200	58,300*								215
220	55.9	467.2	27,800	58,300*								220
225	54.6	463.6	26,400	58,300*								225
230	53.2	459.9	25,100	58,300*								230
235	51.7	456.0	23,900	58,300*	57.6	464.4	13,700	53,300*				235
240	50.3	451.9	22,700	58,300*	56.3	461.1	12,700	53,300*				240
245	48.8	447.5	21,500	58,300*	54.9	457.6	11,800	53,300*				245
250	47.3	442.9	20,400	58,300*	53.5	453.9	10,900	53,300*				250
255	45.7	438.1	19,400	58,300*	52.1	450.0	10,100	53,300*				255
260	44.1	433.0	18,300	58,300*	50.7	446.0	9,200	53,300*				260
265	42.5	427.5	17,400	58,300*	49.2	441.7	8,400	53,300*				265
270	40.8	421.8	16,400	58,300*	47.7	437.2	7,700	53,300*				270
275	39.0	415.7	15,500	57,000*	46.1	432.4	6,900	52,700*	52.3	441.7	44,300*	275
280	37.2	409.2	14,600	55,500*	44.6	427.4	6,200	51,100*	50.9	437.7	42,900*	280
285	35.2	402.2	13,800	54,000*	42.9	422.0	5,500	49,600*	49.4	433.4	41,600*	285
290	33.2	394.7	12,900	52,500*	41.2	416.4	4,900	48,100*	47.9	428.9	40,300*	290
295	31.1	386.6	12,100	50,900*	39.5	410.4	4,200	46,700*	46.4	424.2	39,000*	295
300	28.8	377.7	11,300	49,200*	37.7	404.0	3,600	45,300*	44.8	419.2	37,800*	300
305	26.3	367.9	10,600	47,500*	35.8	397.1	3,000	44,000*	43.1	413.9	36,600*	305
310	23.6	356.8	9,800	45,700*	33.8	389.8	2,400	42,700*	41.5	408.3	35,400*	310
315	20.6	344.1	9,100	43,900*	31.7	381.8	1,800	41,500*	39.7	402.3	34,300*	315
320	17.0	329.0	8,300	42,100*	29.4	373.1		40,300*	37.9	396.0	33,200*	320
325	12.4	309.1	7,600	40,000*	27.0	363.6		39,100*	36.0	389.2	32,100*	325
330	3.9	271.4	6,700	34,800*	24.4	352.9		37,900*	34.0	381.9	31,100*	330
335					21.4	340.7		36,800*	32.0	374.0	30,100*	335
340					18.0	326.4		35,700*	29.7	365.5	29,100*	340
345					13.8	308.1		34,600*	27.3	356.0	28,200*	345
350					7.3	279.6		33,400*	24.7	345.5	27,300*	350
355									21.8	333.6	26,300*	355
360									18.5	319.5	25,400*	360
365									14.4	302.0	24,500*	365
370									8.5	275.9	23,600*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

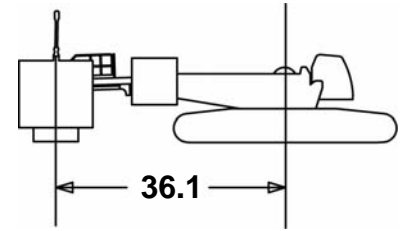
**255.9 ft Boom, 275.6 ft Luffing Jib**

Jib Oper. Rad. Feet	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	
190	60.6	500.7	48,600	54,500*	190
195	59.4	497.7	46,400	54,400*	195
200	58.2	494.7	44,300	54,300*	200
205	57.0	491.4	42,300	54,200*	205
210	55.7	488.0	40,500	53,600*	210
215	54.4	484.5	38,700	52,600*	215
220	53.1	480.7	37,000	51,500*	220
225	51.8	476.8	35,400	50,300*	225
230	50.5	472.7	33,800	49,200*	230
235	49.1	468.4	32,300	48,000*	235
240	47.7	463.9	30,900	46,900*	240
245	46.3	459.1	29,500	45,800*	245
250	44.8	454.1	28,200	44,700*	250
255	43.3	448.9	27,000	43,600*	255
260	41.7	443.3	25,800	42,500*	260
265	40.1	437.4	24,600	41,500*	265
270	38.5	431.2	23,500	40,400*	270
275	36.8	424.6	22,400	39,400*	275
280	35.0	417.5	21,300	38,400*	280
285	33.1	410.0	20,300	37,500*	285
290	31.1	401.8	19,400	36,700*	290
295	29.0	393.0	18,400	35,800*	295
300	26.7	383.3	17,500	35,100*	300
305	24.2	372.5	16,600	34,400*	305
310	21.5	360.4	15,700	33,700*	310
315	18.4	346.2	14,800	33,200*	315
320	14.6	328.7	13,900	32,800*	320
325	9.3	303.9	13,000	29,300*	325
330					330
335					335
340					340
345					345
350					350
355					355
360					360
365					365
370					370
375					375
380					380
385					385
390					390



# 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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

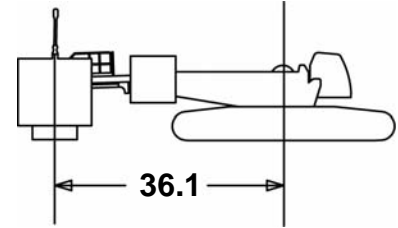
255.9 ft Boom, 275.6 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
190												190
195												195
200												200
205	62.3	499.4	30,100	50,100*								205
210	61.1	496.6	28,500	50,100*								210
215	59.9	493.7	27,000	50,100*								215
220	58.7	490.7	25,600	50,100*								220
225	57.4	487.5	24,300	50,100*								225
230	56.2	484.2	23,000	50,100*								230
235	54.9	480.7	21,700	50,100*								235
240	53.6	477.0	20,500	50,100*								240
245	52.3	473.2	19,400	50,100*	57.8	481.4	9,500	45,500*				245
250	51.0	469.1	18,300	50,100*	56.5	478.1	8,600	45,500*				250
255	49.6	464.9	17,300	50,100*	55.3	474.6	7,800	45,500*				255
260	48.2	460.5	16,300	50,100*	54.0	471.0	6,900	45,500*				260
265	46.8	455.8	15,300	50,100*	52.7	467.2	6,200	45,500*				265
270	45.4	450.9	14,400	50,100*	51.3	463.2	5,400	45,500*				270
275	43.9	445.7	13,500	50,100*	50.0	459.1	4,700	45,500*				275
280	42.3	440.3	12,600	50,100*	48.6	454.7	4,000	45,500*				280
285	40.7	434.5	11,800	50,100*	47.2	450.1	3,300	45,500*	52.8	458.9	39,000*	285
290	39.1	428.5	11,000	50,100*	45.8	445.2	2,700	45,500*	51.5	454.9	37,700*	290
295	37.4	422.0	10,200	49,400*	44.3	440.2	2,000	44,300*	50.2	450.8	36,400*	295
300	35.6	415.1	9,400	48,000*	42.7	434.8		43,000*	48.8	446.4	35,200*	300
305	33.8	407.7	8,700	46,100*	41.2	429.1		41,700*	47.4	441.9	34,100*	305
310	31.8	399.8	7,900	44,300*	39.5	423.1		40,400*	45.9	437.0	32,900*	310
315	29.8	391.3	7,200	42,600*	37.9	416.8		39,200*	44.5	432.0	31,800*	315
320	27.6	381.9	6,500	40,900*	36.1	410.0		38,000*	42.9	426.7	30,700*	320
325	25.2	371.6	5,900	39,300*	34.3	402.8		36,800*	41.4	421.0	29,700*	325
330	22.6	360.0	5,200	37,700*	32.4	395.0		35,700*	39.8	415.1	28,700*	330
335	19.6	346.6	4,600	36,100*	30.3	386.6		34,600*	38.1	408.8	27,700*	335
340	16.1	330.6	3,900	34,600*	28.2	377.5		33,500*	36.3	402.1	26,800*	340
345	11.6	309.5	3,200	33,100*	25.8	367.5		32,500*	34.5	394.9	25,800*	345
350	2.2	264.4	2,400	27,300*	23.3	356.2		31,500*	32.6	387.2	24,900*	350
355					20.4	343.4		30,500*	30.6	378.9	24,100*	355
360					17.1	328.3		29,500*	28.5	369.9	23,200*	360
365					13.0	308.9		28,500*	26.2	360.0	22,400*	365
370					6.4	277.9		27,500*	23.6	348.9	21,500*	370
375									20.8	336.4	20,700*	375
380									17.6	321.6	19,900*	380
385									13.6	303.0	19,100*	385
390									7.6	274.7	18,200*	390

# 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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

### 275.6 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	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	
90	66.4	352.2	163,300	189,500 <sup>c</sup>	90
95	62.3	349.6	152,800	187,400 <sup>b</sup>	95
100	58.0	346.5	143,400	185,100 <sup>b</sup>	100
105	53.5	342.9	135,000	179,500 <sup>b</sup>	105
110	48.7	338.6	127,400	171,400 <sup>b</sup>	110
115	43.5	333.4	120,400	163,300 <sup>*</sup>	115
120	37.6	327.2	114,000	155,100 <sup>*</sup>	120
125	30.8	319.3	108,100	147,000 <sup>*</sup>	125
130	22.1	308.3	102,500	138,300 <sup>*</sup>	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
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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

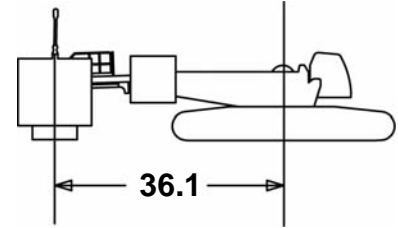
275.6 ft Boom, 78.7 ft Luffing Jib

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	
90													90
95													95
100													100
105													105
110													110
115													115
120	61.0	343.3	94,700	184,700*b									120
125	56.7	340.0	89,800	180,400*b									125
130	52.1	336.2	85,300	173,300*b									130
135	47.2	331.7	81,100	165,900*									135
140	41.8	326.2	77,200	158,300*									140
145	35.8	319.6	73,500	150,400*									145
150	28.6	311.0	70,100	142,400*	54.9	331.0	55,400	136,100 <b>b</b>					150
155	18.7	298.5	66,700	133,600*	50.2	327.0	52,800	130,800 <b>b</b>					155
160					45.1	322.1	50,400	125,800					160
165					39.5	316.2	48,100	121,200					165
170					33.0	308.9	45,800	116,700					170
175					25.1	299.2	43,700	112,500	52.3	319.4	31,700	103,500 <b>b</b>	175
180					12.6	282.7	41,400	108,400	47.4	314.9	30,200	99,900 <b>b</b>	180
185									42.1	309.5	28,700	96,500	185
190									36.1	302.9	27,200	93,300	190
195									28.9	294.4	25,800	90,200	195
200									19.3	282.2	24,400	87,200	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

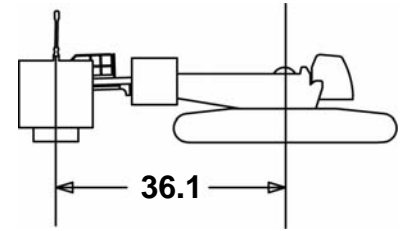
275.6 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	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	
100	65.0	369.3	142,300	164,800* <sup>b</sup>	100
105	61.7	366.6	133,900	163,300* <sup>b</sup>	105
110	58.3	363.5	126,300	161,400* <sup>b</sup>	110
115	54.7	360.0	119,500	158,100*	115
120	51.0	356.0	113,200	151,800*	120
125	47.1	351.4	107,400	145,800*	125
130	42.8	346.2	102,100	139,900*	130
135	38.2	340.0	97,200	134,200*	135
140	33.0	332.6	92,600	128,300*	140
145	26.9	323.4	88,300	122,000*	145
150	18.9	310.6	84,200	115,300*	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
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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

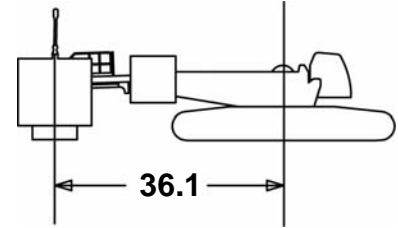
275.6 ft Boom, 98.4 ft Luffing Jib

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	
100													100
105													105
110													110
115													115
120													120
125													125
130	60.7	360.2	83,800	160,600*b									130
135	57.3	357.1	79,700	160,000*b									135
140	53.7	353.4	75,900	154,500*									140
145	49.9	349.3	72,400	149,000*									145
150	45.9	344.5	69,100	143,300*									150
155	41.5	339.0	66,000	137,400*									155
160	36.8	332.5	63,100	131,500*	55.8	348.1	48,800	124,500					160
165	31.4	324.7	60,300	125,500*	52.2	344.3	46,600	119,900					165
170	24.9	314.7	57,600	119,200*	48.3	339.9	44,500	115,600					170
175	15.8	300.0	55,000	112,200*	44.2	334.9	42,500	111,500					175
180					39.7	329.0	40,700	107,700					180
185					34.7	322.0	38,800	104,100					185
190					28.9	313.4	37,100	100,600	50.1	332.4	25,700	92,000	190
195					21.7	302.1	35,400	97,300	46.0	327.7	24,400	89,000	195
200					9.8	282.4	33,500	94,000	41.7	322.2	23,200	86,200	200
205									37.0	315.8	22,000	83,500	205
210									31.6	308.0	20,900	80,900	210
215									25.2	298.1	19,800	78,400	215
220									16.3	283.8	18,600	76,000	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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

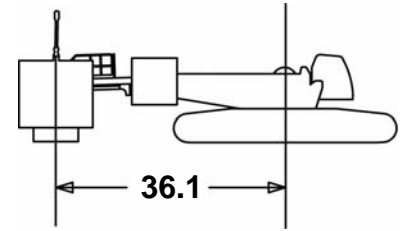
275.6 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	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	
110	64.1	386.2	124,400	143,900* <sup>b</sup>	110
115	61.3	383.5	117,600	142,700*	115
120	58.5	380.5	111,400	141,400*	120
125	55.6	377.1	105,700	136,800*	125
130	52.5	373.3	100,500	131,700*	130
135	49.3	369.0	95,600	126,700*	135
140	46.0	364.3	91,100	121,900*	140
145	42.4	358.9	87,000	117,100*	145
150	38.6	352.8	83,100	112,600*	150
155	34.4	345.7	79,400	108,300*	155
160	29.6	337.3	76,000	104,500*	160
165	24.0	326.8	72,700	101,100*	165
170	16.6	312.4	69,500	97,100*	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
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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

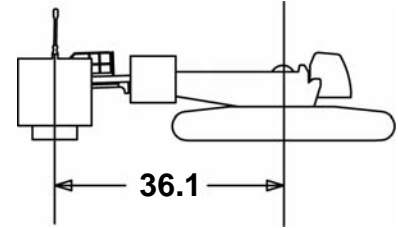
275.6 ft Boom, 118.1 ft Luffing Jib

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	
110													110
115													115
120													120
125													125
130													130
135													135
140	60.5	377.2	73,700	139,900*									140
145	57.6	374.0	70,200	139,700*									145
150	54.7	370.5	67,000	137,900*									150
155	51.6	366.6	64,000	133,600*									155
160	48.4	362.2	61,200	129,200*									160
165	45.0	357.3	58,500	124,600*									165
170	41.3	351.7	56,000	120,100*	56.5	365.1	42,100	113,600					170
175	37.4	345.3	53,600	115,500*	53.4	361.5	40,200	109,600					175
180	33.1	337.9	51,300	110,800*	50.3	357.4	38,400	105,900					180
185	28.1	329.0	49,100	105,900*	47.0	352.8	36,700	102,300					185
190	22.1	317.7	47,000	100,800*	43.5	347.6	35,100	98,900					190
195	13.6	301.0	44,900	95,000*	39.8	341.7	33,500	95,700					195
200					35.7	335.0	32,000	92,700	51.7	349.8	20,800	84,200	200
205					31.2	327.0	30,600	89,800	48.5	345.4	19,700	81,600	205
210					25.9	317.3	29,200	87,000	45.1	340.5	18,700	79,100	210
215					19.2	304.5	27,800	84,300	41.5	335.0	17,600	76,700	215
220					7.6	281.1	26,200	81,600	37.6	328.6	16,700	74,400	220
225									33.3	321.2	15,700	72,200	225
230									28.3	312.4	14,800	70,100	230
235									22.4	301.3	13,800	68,000	235
240									14.1	284.9	12,800	66,000	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

275.6 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	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	
120	63.4	403.2	109,900	125,700*	120
125	61.1	400.5	104,300	124,900*	125
130	58.6	397.5	99,100	123,300*	130
135	56.1	394.1	94,300	119,400*	135
140	53.6	390.5	89,800	115,300*	140
145	50.9	386.4	85,700	111,200*	145
150	48.1	382.0	81,900	107,200*	150
155	45.2	377.1	78,300	103,300*	155
160	42.1	371.6	74,900	99,400*	160
165	38.8	365.6	71,700	95,800*	165
170	35.3	358.7	68,800	92,300*	170
175	31.4	350.8	65,900	89,100*	175
180	27.0	341.4	63,200	86,200*	180
185	21.8	329.8	60,700	83,700*	185
190	14.7	313.6	58,100	82,000*	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
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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

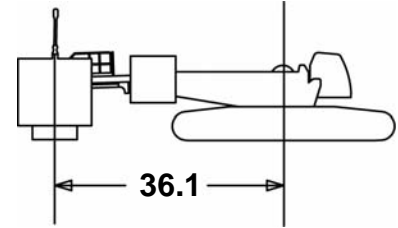
275.6 ft Boom, 137.8 ft Luffing Jib

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	
120													120
125													125
130													130
135													135
140													140
145	62.7	397.0	68,500	121,600*									145
150	60.4	394.1	65,300	121,600*									150
155	57.9	391.0	62,400	121,600*									155
160	55.4	387.6	59,600	121,600*									160
165	52.8	383.8	56,900	119,300*									165
170	50.1	379.7	54,500	115,800*									170
175	47.3	375.1	52,100	112,200*									175
180	44.3	370.1	49,900	108,600*	56.9	382.2	36,600	104,400					180
185	41.2	364.5	47,900	104,900*	54.3	378.6	35,000	100,900					185
190	37.8	358.2	45,900	101,300*	51.7	374.7	33,400	97,500					190
195	34.2	351.0	44,000	97,500*	49.0	370.4	31,900	94,400					195
200	30.2	342.7	42,200	93,700*	46.1	365.6	30,400	91,400					200
205	25.6	332.8	40,400	89,700*	43.1	360.4	29,100	88,500					205
210	20.0	320.3	38,700	85,400*	39.9	354.5	27,800	85,800	52.9	367.0	16,800	77,600	210
215	11.8	301.4	36,900	80,600*	36.4	347.9	26,500	83,200	50.2	362.9	15,900	75,200	215
220					32.6	340.3	25,300	80,800	47.4	358.3	14,900	73,000	220
225					28.4	331.5	24,100	78,400	44.4	353.3	14,000	70,800	225
230					23.5	320.7	22,900	76,100	41.3	347.7	13,200	68,800	230
235					17.2	306.3	21,700	73,900	38.0	341.4	12,400	66,800	235
240					5.4	278.6	20,400	71,600	34.4	334.3	11,600	64,900	240
245									30.4	326.1	10,800	63,100	245
250									25.8	316.3	10,000	61,300	250
255									20.2	303.9	9,200	59,600	255
260									12.3	285.5	8,300	57,900	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

275.6 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	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	
130	62.9	420.2	97,100	110,500*	130
135	60.9	417.4	92,300	109,900*	135
140	58.7	414.4	87,900	107,800*	140
145	56.6	411.1	83,800	104,600*	145
150	54.3	407.6	80,000	101,300*	150
155	52.0	403.7	76,400	97,900*	155
160	49.6	399.5	73,100	94,600*	160
165	47.2	394.9	70,000	91,300*	165
170	44.6	389.9	67,100	88,100*	170
175	41.9	384.4	64,300	85,000*	175
180	39.0	378.3	61,700	82,000*	180
185	36.0	371.6	59,200	79,200*	185
190	32.7	364.0	56,800	76,500*	190
195	29.0	355.3	54,600	74,100*	195
200	24.9	345.1	52,400	71,900*	200
205	19.9	332.4	50,300	70,100*	205
210	13.1	314.4	48,300	68,800*	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
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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

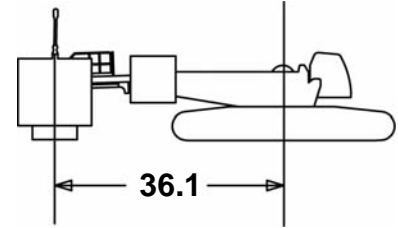
275.6 ft Boom, 157.5 ft Luffing Jib

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	
130													130
135													135
140													140
145													145
150													150
155	62.3	413.9	60,000	106,200*									155
160	60.2	411.1	57,300	106,200*									160
165	58.1	408.0	54,700	106,200*									165
170	55.9	404.6	52,300	106,200*									170
175	53.7	401.0	50,000	106,200*									175
180	51.3	397.0	47,800	104,600*									180
185	48.9	392.7	45,800	101,700*									185
190	46.4	388.0	43,900	98,800*	57.2	399.1	31,000	95,500					190
195	43.8	382.9	42,000	95,800*	55.0	395.7	29,500	92,400					195
200	41.1	377.2	40,300	92,800*	52.7	391.9	28,100	89,500					200
205	38.2	371.0	38,600	89,800*	50.4	387.8	26,800	86,700					205
210	35.1	364.0	37,000	86,700*	47.9	383.3	25,500	84,000					210
215	31.7	356.1	35,500	83,600*	45.4	378.5	24,300	81,400					215
220	27.9	347.0	34,000	80,400*	42.7	373.1	23,100	79,000					220
225	23.6	336.2	32,500	77,000*	39.9	367.2	22,000	76,700	51.4	380.2	11,600	68,800	225
230	18.2	322.4	31,100	73,400*	36.9	360.7	20,900	74,500	49.0	375.9	10,800	66,800	230
235	10.3	301.3	29,600	69,200*	33.7	353.4	19,900	72,400	46.5	371.2	10,000	64,900	235
240					30.2	345.1	18,900	70,300	43.9	366.1	9,200	63,000*	240
245					26.2	335.4	17,900	68,300	41.2	360.4	8,500	61,100*	245
250					21.6	323.6	16,900	66,400	38.3	354.2	7,800	59,300*	250
255					15.5	307.8	15,900	64,600	35.2	347.3	7,100	57,600*	255
260					2.8	273.2	14,700	62,600	31.8	339.5	6,400	55,900*	260
265									28.1	330.4	5,800	54,300*	265
270									23.8	319.7	5,100	52,700*	270
275									18.5	306.1	4,400	51,100*	275
280									10.8	285.5	3,700	49,500*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

275.6 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	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	
140	62.6	437.2	86,400	97,400*	140
145	60.7	434.4	82,300	97,000*	145
150	58.8	431.4	78,500	94,900*	150
155	56.9	428.1	74,900	92,200*	155
160	54.9	424.6	71,600	89,500*	160
165	52.9	420.9	68,500	86,800*	165
170	50.8	416.8	65,600	84,000*	170
175	48.7	412.5	62,900	81,300*	175
180	46.5	407.8	60,300	78,600*	180
185	44.1	402.7	57,900	76,000*	185
190	41.7	397.1	55,500	73,400*	190
195	39.2	391.1	53,300	71,000*	195
200	36.5	384.5	51,200	68,700*	200
205	33.6	377.1	49,200	66,500*	205
210	30.5	368.9	47,300	64,400*	210
215	27.1	359.5	45,500	62,500*	215
220	23.1	348.4	43,700	60,900*	220
225	18.4	334.6	42,000	59,500*	225
230	11.8	314.9	40,200	58,600*	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
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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

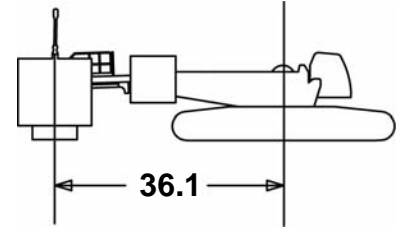
275.6 ft Boom, 177.2 ft Luffing Jib

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	
140													140
145													145
150													150
155													155
160													160
165	62.0	430.9	52,900	92,900*									165
170	60.2	428.0	50,500	92,900*									170
175	58.3	425.0	48,300	92,900*									175
180	56.3	421.6	46,100	92,900*									180
185	54.3	418.1	44,100	92,900*									185
190	52.3	414.2	42,200	92,900*									190
195	50.2	410.1	40,400	92,500*									195
200	48.0	405.6	38,700	90,100*	57.5	416.1	26,200	87,200*					200
205	45.8	400.8	37,000	87,600*	55.5	412.7	24,900	85,200					205
210	43.5	395.6	35,500	85,100*	53.5	409.0	23,700	82,500					210
215	41.0	390.0	34,000	82,600*	51.5	405.1	22,500	80,000					215
220	38.4	383.7	32,500	80,100*	49.3	400.8	21,400	77,600					220
225	35.7	376.9	31,200	77,600*	47.1	396.2	20,300	75,300					225
230	32.8	369.3	29,800	74,900*	44.9	391.3	19,300	73,100					230
235	29.6	360.8	28,600	72,300*	42.5	385.9	18,300	71,000	52.4	397.4	8,100	62,800*	235
240	26.0	350.9	27,300	69,500*	40.0	380.0	17,300	69,000	50.3	393.3	7,400	60,900*	240
245	21.9	339.2	26,100	66,600*	37.3	373.5	16,400	67,100	48.1	388.8	6,700	59,100*	245
250	16.7	324.2	24,900	63,500*	34.5	366.4	15,500	65,200	45.9	384.0	6,000	57,300*	250
255	9.0	300.8	23,600	59,800*	31.5	358.5	14,600	63,400	43.6	378.8	5,400	55,700*	255
260					28.2	349.5	13,700	61,700	41.1	373.2	4,700	54,000*	260
265					24.4	339.0	12,900	60,000	38.5	367.0	4,100	52,400*	265
270					19.9	326.1	12,100	58,400	35.8	360.2	3,500	50,900*	270
275					14.2	309.0	11,200	56,800	32.9	352.7	2,900	49,400*	275
280									29.7	344.2	2,400	48,000*	280
285									26.1	334.4	1,800	46,600*	285
290									22.0	322.7		45,300*	290
295									17.0	308.0		43,900*	295
300									9.4	285.2		42,500*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

275.6 ft Boom, 196.9 ft Luffing Jib

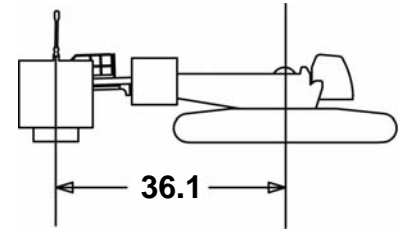
Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
150	62.3	454.1	76,500	85,500*	150
155	60.6	451.3	73,000	85,300*	155
160	58.9	448.3	69,700	83,500*	160
165	57.2	445.1	66,600	81,400*	165
170	55.4	441.7	63,700	79,200*	170
175	53.6	438.0	61,000	76,900*	175
180	51.7	434.1	58,400	74,600*	180
185	49.8	429.9	56,000	72,400*	185
190	47.9	425.4	53,700	70,200*	190
195	45.9	420.6	51,500	68,000*	195
200	43.8	415.5	49,500	65,800*	200
205	41.6	409.9	47,500	63,700*	205
210	39.3	403.9	45,600	61,700*	210
215	36.9	397.3	43,800	59,800*	215
220	34.4	390.1	42,100	58,000*	220
225	31.6	382.2	40,500	56,300*	225
230	28.7	373.4	38,900	54,700*	230
235	25.4	363.2	37,400	53,200*	235
240	21.6	351.3	35,900	52,000*	240
245	17.1	336.4	34,400	50,900*	245
250	10.6	315.0	32,900	50,400*	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
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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

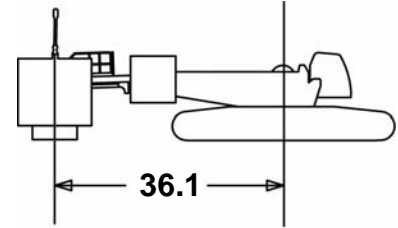
275.6 ft Boom, 196.9 ft Luffing Jib

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	
150													150
155													155
160													160
165													165
170													170
175	61.8	447.9	46,000	81,000*									175
180	60.1	445.0	43,900	81,000*									180
185	58.4	441.9	41,900	81,000*									185
190	56.6	438.7	40,000	81,000*									190
195	54.9	435.2	38,200	81,000*									195
200	53.1	431.4	36,500	81,000*									200
205	51.2	427.4	34,900	81,000*									205
210	49.3	423.1	33,400	81,000*	57.7	433.1	21,300	75,200*					210
215	47.3	418.6	31,900	79,700*	55.9	429.7	20,100	75,200*					215
220	45.3	413.7	30,500	77,600*	54.1	426.2	19,000	75,200*					220
225	43.1	408.4	29,200	75,500*	52.3	422.3	18,000	73,400					225
230	40.9	402.7	27,900	73,400*	50.4	418.2	17,000	71,300					230
235	38.6	396.5	26,700	71,200*	48.5	413.8	16,000	69,200					235
240	36.2	389.8	25,500	69,100*	46.5	409.1	15,100	67,200					240
245	33.6	382.4	24,300	66,900*	44.4	404.1	14,200	65,300					245
250	30.8	374.3	23,200	64,600*	42.3	398.6	13,300	63,500	51.3	410.6	3,600	54,700*	250
255	27.8	365.1	22,100	62,300*	40.0	392.7	12,500	61,700	49.4	406.3	2,900	53,000*	255
260	24.4	354.5	21,100	59,900*	37.7	386.4	11,700	60,000	47.4	401.8	2,400	51,400*	260
265	20.4	341.9	20,100	57,300*	35.2	379.4	10,900	58,400	45.3	396.9	1,800	49,900*	265
270	15.5	325.7	19,000	54,600*	32.5	371.7	10,100	56,800	43.2	391.6		48,400*	270
275	7.8	299.7	17,900	51,400*	29.6	363.2	9,400	55,300	41.0	385.9		47,000*	275
280					26.4	353.5	8,600	53,800	38.7	379.8		45,600*	280
285					22.8	342.2	7,900	52,400	36.3	373.1		44,200*	285
290					18.6	328.4	7,200	51,000*	33.7	365.7		42,900*	290
295					13.0	309.7	6,500	49,500*	30.9	357.6		41,700*	295
300									27.9	348.5		40,400*	300
305									24.5	338.0		39,200*	305
310									20.6	325.5		38,000*	310
315									15.7	309.5		36,900*	315
320									8.2	284.3		35,600*	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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

### 275.6 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	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	
165	60.5	468.3	64,600	74,900*	165
170	58.9	465.3	61,700	73,600*	170
175	57.4	462.1	59,000	71,800*	175
180	55.8	458.7	56,500	70,100*	180
185	54.1	455.1	54,100	68,200*	185
190	52.5	451.3	51,800	66,400*	190
195	50.8	447.2	49,600	64,500*	195
200	49.0	442.9	47,600	62,700*	200
205	47.2	438.3	45,600	60,900*	205
210	45.4	433.5	43,800	59,100*	210
215	43.5	428.2	42,000	57,400*	215
220	41.5	422.6	40,300	55,700*	220
225	39.4	416.6	38,700	54,000*	225
230	37.2	410.1	37,100	52,400*	230
235	35.0	403.1	35,700	50,900*	235
240	32.5	395.4	34,200	49,500*	240
245	29.9	387.0	32,800	48,200*	245
250	27.1	377.5	31,500	46,900*	250
255	24.0	366.7	30,200	45,800*	255
260	20.3	354.0	29,000	44,900*	260
265	15.9	338.0	27,700	44,100*	265
270	9.6	314.7	26,400	43,800*	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
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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

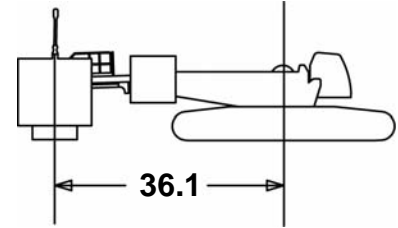
275.6 ft Boom, 216.5 ft Luffing Jib

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	
165												165
170												170
175												175
180												180
185	61.6	464.8	39,700	70,700*								185
190	60.0	462.0	37,800	70,700*								190
195	58.5	458.9	36,100	70,700*								195
200	56.9	455.7	34,400	70,700*								200
205	55.3	452.2	32,800	70,700*								205
210	53.7	448.5	31,300	70,700*								210
215	52.0	444.7	29,800	70,700*								215
220	50.3	440.5	28,400	70,700*	57.9	450.1	16,800	65,200*				220
225	48.5	436.1	27,100	70,700*	56.3	446.8	15,700	65,200*				225
230	46.7	431.5	25,900	70,400*	54.6	443.2	14,700	65,200*				230
235	44.8	426.5	24,600	68,700*	53.0	439.5	13,800	65,200*				235
240	42.9	421.1	23,500	66,900*	51.3	435.5	12,900	65,200*				240
245	40.9	415.4	22,400	65,100*	49.6	431.3	12,000	63,500				245
250	38.8	409.3	21,300	63,200*	47.8	426.8	11,100	61,700				250
255	36.6	402.7	20,200	61,300*	45.9	422.0	10,300	60,000				255
260	34.3	395.5	19,200	59,500*	44.1	416.9	9,500	58,300	52.1	427.8	48,900*	260
265	31.8	387.6	18,300	57,600*	42.1	411.4	8,800	56,600*	50.3	423.7	47,400*	265
270	29.1	378.8	17,300	55,600*	40.1	405.5	8,000	55,000*	48.6	419.3	46,000*	270
275	26.2	369.0	16,400	53,500*	37.9	399.2	7,300	53,400*	46.8	414.7	44,500*	275
280	23.0	357.7	15,500	51,500*	35.7	392.3	6,600	51,800*	44.9	409.7	43,200*	280
285	19.2	344.3	14,600	49,200*	33.3	384.8	6,000	50,400*	43.0	404.4	41,900*	285
290	14.4	326.9	13,700	46,800*	30.7	376.6	5,300	48,900*	41.0	398.7	40,600*	290
295	6.6	298.0	12,700	43,900*	28.0	367.5	4,700	47,500*	38.9	392.6	39,300*	295
300					25.0	357.1	4,100	46,100*	36.7	385.9	38,100*	300
305					21.5	345.1	3,400	44,800*	34.4	378.8	37,000*	305
310					17.4	330.4	2,800	43,500*	31.9	370.9	35,800*	310
315					11.9	310.2	2,100	42,200*	29.3	362.2	34,700*	315
320									26.4	352.4	33,700*	320
325									23.1	341.2	32,600*	325
330									19.3	327.9	31,600*	330
335									14.6	310.8	30,500*	335
340									7.1	282.9	29,400*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



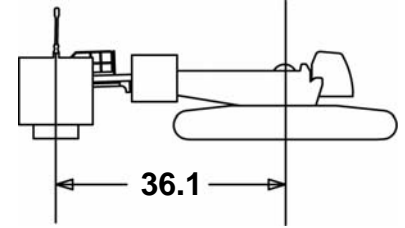
**16000 MAX-ER**

**275.6 ft Boom, 236.2 ft Luffing Jib**

Jib Oper. Rad. Feet	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	
175	60.4	485.2	57,100	65,100*	175
180	59.0	482.3	54,600	64,600*	180
185	57.5	479.1	52,200	63,300*	185
190	56.1	475.7	49,900	61,800*	190
195	54.6	472.2	47,800	60,400*	195
200	53.1	468.5	45,700	58,900*	200
205	51.5	464.5	43,800	57,400*	205
210	50.0	460.3	42,000	55,900*	210
215	48.3	455.9	40,200	54,500*	215
220	46.7	451.2	38,500	53,000*	220
225	45.0	446.3	36,900	51,600*	225
230	43.2	441.0	35,400	50,100*	230
235	41.4	435.4	33,900	48,700*	235
240	39.5	429.4	32,500	47,400*	240
245	37.5	423.0	31,200	46,100*	245
250	35.4	416.0	29,900	44,900*	250
255	33.3	408.5	28,600	43,700*	255
260	30.9	400.4	27,400	42,600*	260
265	28.4	391.4	26,300	41,500*	265
270	25.7	381.3	25,100	40,600*	270
275	22.7	369.9	24,000	39,700*	275
280	19.2	356.4	22,900	39,000*	280
285	14.9	339.4	21,800	38,400*	285
290	8.6	314.0	20,700	36,700*	290
295					295
300					300
305					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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

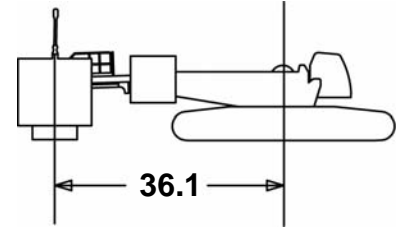
275.6 ft Boom, 236.2 ft Luffing Jib

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	
175												175
180												180
185												185
190	62.8	484.5	35,700	61,000*								190
195	61.4	481.8	33,900	61,000*								195
200	60.0	478.9	32,200	61,000*								200
205	58.6	475.9	30,700	61,000*								205
210	57.1	472.6	29,200	61,000*								210
215	55.7	469.2	27,700	61,000*								215
220	54.2	465.6	26,400	61,000*								220
225	52.6	461.9	25,100	61,000*								225
230	51.1	457.8	23,800	61,000*	58.0	467.1	12,400	56,300*				230
235	49.5	453.6	22,600	61,000*	56.5	463.8	11,500	56,300*				235
240	47.9	449.1	21,500	61,000*	55.1	460.3	10,600	56,300*				240
245	46.2	444.3	20,400	61,000*	53.6	456.6	9,800	56,300*				245
250	44.5	439.3	19,300	59,700*	52.0	452.7	8,900	56,300*				250
255	42.7	433.9	18,300	58,200*	50.4	448.6	8,100	56,300*				255
260	40.8	428.2	17,300	56,600*	48.8	444.3	7,400	56,000*				260
265	38.9	422.1	16,400	55,100*	47.2	439.7	6,600	54,300*				265
270	36.9	415.5	15,500	53,500*	45.5	434.8	5,900	52,700*	52.7	445.0	43,400*	270
275	34.8	408.4	14,600	51,900*	43.8	429.6	5,300	51,100*	51.2	441.0	42,000*	275
280	32.6	400.7	13,700	50,300*	41.9	424.1	4,600	49,600*	49.6	436.8	40,700*	280
285	30.2	392.4	12,900	48,600*	40.1	418.2	3,900	48,100*	47.9	432.3	39,400*	285
290	27.7	383.1	12,100	46,900*	38.1	412.0	3,300	46,700*	46.3	427.5	38,200*	290
295	24.9	372.7	11,300	45,100*	36.1	405.2	2,700	45,300*	44.5	422.5	36,900*	295
300	21.7	360.7	10,500	43,300*	33.9	397.9	2,100	44,000*	42.8	417.1	35,800*	300
305	18.1	346.4	9,800	41,300*	31.7	389.9	1,600	42,700*	40.9	411.4	34,600*	305
310	13.4	327.9	9,000	39,100*	29.2	381.2		41,500*	39.0	405.3	33,500*	310
315	5.5	295.5	8,100	36,500*	26.6	371.5		40,200*	37.0	398.8	32,500*	315
320					23.6	360.5		39,100*	34.9	391.7	31,400*	320
325					20.3	347.7		37,900*	32.7	384.1	30,400*	325
330					16.3	332.1		36,700*	30.3	375.7	29,400*	330
335					10.9	310.4		35,600*	27.8	366.5	28,400*	335
340									25.0	356.1	27,500*	340
345									21.9	344.2	26,600*	345
350									18.2	330.0	25,600*	350
355									13.6	311.8	24,700*	355
360									6.0	280.9	23,700*	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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

### 275.6 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	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	
185	60.3	502.2	50,500	57,100*	185
190	59.0	499.2	48,300	57,000*	190
195	57.7	496.1	46,100	55,900*	195
200	56.4	492.7	44,100	54,700*	200
205	55.0	489.3	42,200	53,500*	205
210	53.6	485.6	40,400	52,300*	210
215	52.2	481.7	38,600	51,100*	215
220	50.7	477.7	37,000	49,900*	220
225	49.3	473.4	35,400	48,600*	225
230	47.8	468.9	33,800	47,400*	230
235	46.2	464.1	32,400	46,200*	235
240	44.6	459.1	31,000	45,000*	240
245	43.0	453.8	29,700	43,900*	245
250	41.3	448.1	28,400	42,700*	250
255	39.6	442.1	27,100	41,600*	255
260	37.7	435.7	26,000	40,600*	260
265	35.9	428.9	24,800	39,500*	265
270	33.9	421.6	23,700	38,500*	270
275	31.8	413.7	22,600	37,600*	275
280	29.5	405.0	21,600	36,700*	280
285	27.1	395.5	20,600	35,900*	285
290	24.5	384.9	19,600	35,200*	290
295	21.6	372.8	18,700	34,500*	295
300	18.2	358.5	17,700	34,000*	300
305	14.0	340.5	16,800	33,200*	305
310	7.7	312.9	15,800	31,100*	310
315					315
320					320
325					325
330					330
335					335
340					340
345					345
350					350
355					355
360					360
365					365
370					370
375					375
380					380

# 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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

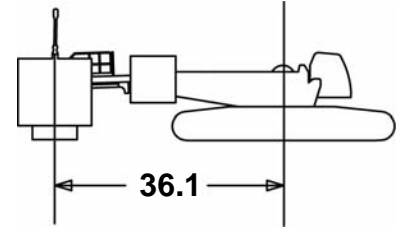
275.6 ft Boom, 255.9 ft Luffing Jib

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	
185												185
190												190
195												195
200	62.5	501.5	30,400	53,100*								200
205	61.2	498.7	28,900	53,100*								205
210	59.9	495.9	27,400	53,100*								210
215	58.6	492.8	26,000	53,100*								215
220	57.3	489.6	24,600	53,100*								220
225	56.0	486.3	23,300	53,100*								225
230	54.6	482.7	22,100	53,100*								230
235	53.2	479.0	20,900	53,100*								235
240	51.8	475.1	19,800	53,100*								240
245	50.3	471.0	18,700	53,100*	56.8	480.8	7,900	49,100*				245
250	48.8	466.6	17,600	53,100*	55.4	477.3	7,100	49,100*				250
255	47.3	462.0	16,600	53,100*	54.0	473.7	6,300	49,100*				255
260	45.8	457.2	15,700	53,100*	52.6	469.9	5,500	49,100*				260
265	44.2	452.1	14,700	53,000*	51.2	465.9	4,800	49,100*				265
270	42.5	446.7	13,800	51,700*	49.7	461.7	4,100	49,100*				270
275	40.8	440.9	13,000	50,400*	48.2	457.3	3,400	49,100*				275
280	39.0	434.8	12,100	49,000*	46.7	452.6	2,800	47,600*				280
285	37.2	428.3	11,300	47,600*	45.1	447.6	2,200	46,200*	51.8	458.2	37,300*	285
290	35.3	421.4	10,500	46,300*	43.5	442.4	1,600	44,800*	50.4	454.1	36,100*	290
295	33.3	413.9	9,800	44,900*	41.8	436.9		43,400*	48.9	449.8	34,900*	295
300	31.1	405.7	9,000	43,400*	40.1	431.0		42,100*	47.4	445.2	33,700*	300
305	28.8	396.9	8,300	41,900*	38.3	424.7		40,900*	45.8	440.4	32,600*	305
310	26.4	387.1	7,600	40,400*	36.4	418.0		39,600*	44.2	435.3	31,500*	310
315	23.7	376.1	6,900	38,800*	34.5	410.9		38,400*	42.6	429.9	30,500*	315
320	20.6	363.4	6,200	37,100*	32.4	403.1		37,300*	40.9	424.2	29,400*	320
325	17.1	348.3	5,600	35,400*	30.2	394.7		36,100*	39.1	418.1	28,500*	325
330	12.5	328.5	4,900	33,400*	27.9	385.5		35,000*	37.3	411.6	27,500*	330
335	4.2	292.0	4,100	30,900*	25.3	375.3		34,000*	35.4	404.6	26,500*	335
340					22.5	363.7		32,900*	33.4	397.2	25,600*	340
345					19.3	350.2		31,900*	31.2	389.1	24,700*	345
350					15.4	333.5		30,800*	28.9	380.2	23,900*	350
355					10.1	310.3		29,800*	26.5	370.5	23,000*	355
360									23.8	359.5	22,200*	360
365									20.8	347.0	21,300*	365
370									17.2	332.0	20,500*	370
375									12.7	312.5	19,700*	375
380									4.9	278.0	18,800*	380



# 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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

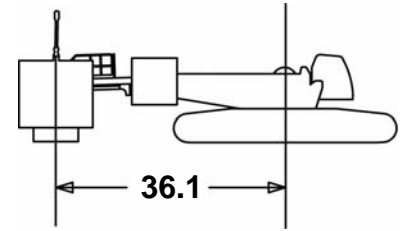
**275.6 ft Boom, 275.6 ft Luffing Jib**

Jib Oper. Rad. Feet	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	
195	60.3	519.2	44,100	49,500*	195
200	59.1	516.2	42,100	49,400*	200
205	57.8	513.0	40,200	49,000*	205
210	56.6	509.7	38,400	48,100*	210
215	55.3	506.3	36,600	47,100*	215
220	54.0	502.7	35,000	46,200*	220
225	52.7	498.9	33,400	45,200*	225
230	51.4	494.9	31,900	44,200*	230
235	50.1	490.8	30,500	43,200*	235
240	48.7	486.4	29,100	42,200*	240
245	47.3	481.8	27,700	41,200*	245
250	45.8	477.0	26,500	40,200*	250
255	44.3	471.9	25,300	39,300*	255
260	42.8	466.5	24,100	38,300*	260
265	41.2	460.9	23,000	37,400*	265
270	39.6	454.9	21,900	36,500*	270
275	37.9	448.5	20,800	35,600*	275
280	36.2	441.8	19,800	34,800*	280
285	34.4	434.6	18,800	33,900*	285
290	32.5	426.8	17,900	33,200*	290
295	30.4	418.5	16,900	32,400*	295
300	28.3	409.4	16,000	31,800*	300
305	25.9	399.4	15,200	31,100*	305
310	23.4	388.2	14,300	30,600*	310
315	20.6	375.5	13,500	30,100*	315
320	17.3	360.5	12,600	29,300*	320
325	13.2	341.4	11,800	27,700*	325
330	6.8	311.4	10,900	25,700*	330
335					335
340					340
345					345
350					350
355					355
360					360
365					365
370					370
375					375
380					380
385					385
390					390
395					395
400					400



# 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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

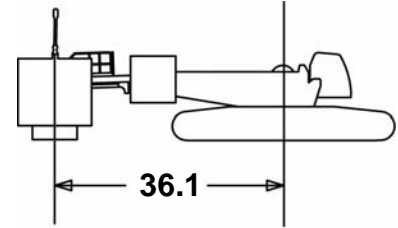
### 275.6 ft Boom, 275.6 ft Luffing Jib

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	
195												195
200												200
205												205
210	62.3	518.5	25,100	45,900*								210
215	61.1	515.7	23,700	45,900*								215
220	59.9	512.8	22,300	45,900*								220
225	58.7	509.8	21,100	45,900*								225
230	57.5	506.6	19,900	45,900*								230
235	56.2	503.3	18,700	45,900*								235
240	54.9	499.8	17,600	45,900*								240
245	53.7	496.1	16,500	45,900*								245
250	52.3	492.3	15,500	45,900*								250
255	51.0	488.2	14,500	45,900*	57.0	497.8	3,900	42,000*				255
260	49.7	484.0	13,500	45,900*	55.7	494.4	3,200	42,000*				260
265	48.3	479.6	12,600	45,900*	54.4	490.8	2,500	42,000*				265
270	46.8	474.9	11,700	45,900*	53.1	487.1	1,800	42,000*				270
275	45.4	470.0	10,900	45,900*	51.8	483.1		42,000*				275
280	43.9	464.9	10,100	45,900*	50.5	479.0		42,000*				280
285	42.4	459.4	9,300	45,500*	49.1	474.7		42,000*				285
290	40.8	453.7	8,500	44,400*	47.7	470.2		42,000*				290
295	39.1	447.6	7,800	43,200*	46.3	465.5		41,000*	52.4	475.4	32,300*	295
300	37.4	441.1	7,100	42,000*	44.8	460.5		39,700*	51.1	471.4	31,100*	300
305	35.7	434.3	6,400	40,700*	43.3	455.2		38,500*	49.7	467.2	30,000*	305
310	33.8	426.9	5,700	39,500*	41.7	449.6		37,300*	48.3	462.8	29,000*	310
315	31.9	419.0	5,000	38,200*	40.1	443.7		36,100*	46.9	458.1	27,900*	315
320	29.8	410.4	4,400	36,900*	38.5	437.5		34,900*	45.4	453.2	26,900*	320
325	27.6	401.1	3,700	35,600*	36.7	430.9		33,800*	44.0	448.1	25,900*	325
330	25.2	390.8	3,100	34,200*	34.9	423.8		32,800*	42.4	442.6	25,000*	330
335	22.6	379.2	2,500	32,800*	33.0	416.2		31,700*	40.8	436.9	24,100*	335
340	19.7	365.9	1,900	31,300*	31.1	408.1		30,700*	39.2	430.9	23,200*	340
345	16.2	350.0		29,700*	28.9	399.2		29,700*	37.5	424.4	22,300*	345
350	11.7	329.0		27,900*	26.7	389.5		28,700*	35.7	417.5	21,500*	350
355	2.8	286.3		25,600*	24.2	378.8		27,800*	33.9	410.2	20,600*	355
360					21.5	366.6		26,800*	32.0	402.3	19,800*	360
365					18.3	352.4		25,900*	29.9	393.8	19,000*	365
370					14.5	334.8		25,000*	27.7	384.5	18,300*	370
375					9.3	309.9		24,100*	25.3	374.2	17,500*	375
380									22.7	362.7	16,800*	380
385									19.8	349.5	16,000*	385
390									16.3	333.7	15,300*	390
395									11.9	313.0	14,600*	395
400									3.7	273.8	13,700*	400

# 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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

### 295.3 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	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	
100	60.9	368.1	140,000	156,500* <b>b</b>	100
105	56.6	364.8	131,800	153,600* <b>b</b>	105
110	52.0	361.0	124,300	151,200* <b>b</b>	110
115	47.1	356.4	117,500	146,500* <b>b</b>	115
120	41.7	351.0	111,200	139,900*	120
125	35.6	344.3	105,500	133,300*	125
130	28.4	335.6	100,100	126,500*	130
135	18.4	323.0	95,000	119,400*	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					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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

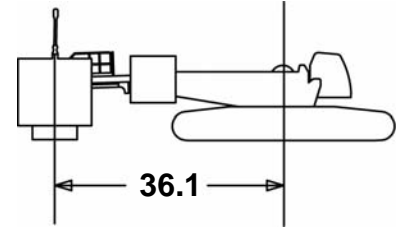
295.3 ft Boom, 78.7 ft Luffing Jib

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	
100													100
105													105
110													110
115													115
120													120
125	61.1	362.4	85,300	154,500*b									125
130	56.8	359.1	81,000	152,700*b									130
135	52.2	355.3	77,000	147,000*b									135
140	47.3	350.8	73,300	140,900*b									140
145	41.9	345.4	69,800	134,800*									145
150	35.9	338.7	66,500	128,400*									150
155	28.7	330.2	63,400	122,000*	56.4	350.8	47,900	127,000 <b>b</b>					155
160	19.0	317.8	60,300	115,000*	51.8	347.0	45,600	122,200 <b>b</b>					160
165					46.9	342.4	43,500	117,600 <b>b</b>					165
170					41.5	336.9	41,500	113,400					170
175					35.4	330.1	39,500	109,300					175
180					28.1	321.4	37,600	105,500					180
185					18.0	308.5	35,700	101,800	50.7	335.8	23,500	92,600 <b>b</b>	185
190									45.7	331.0	22,300	89,500 <b>b</b>	190
195									40.1	325.3	21,100	86,600	195
200									33.8	318.1	19,900	83,800	200
205									26.1	308.8	18,700	81,100	205
210									14.5	293.8	17,400	78,400	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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

### 295.3 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	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	
115	57.2	381.8	116,400	133,900* <sup>b</sup>	115
120	53.6	378.2	110,300	132,000*	120
125	49.8	374.0	104,700	129,400*	125
130	45.8	369.2	99,500	124,600*	130
135	41.4	363.7	94,700	119,600*	135
140	36.6	357.2	90,200	114,600*	140
145	31.2	349.3	86,000	109,500*	145
150	24.7	339.3	82,100	104,400*	150
155	15.5	324.4	78,200	98,700*	155
160					160
165					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
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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

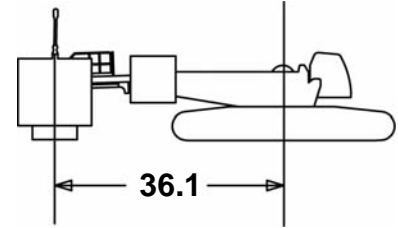
### 295.3 ft Boom, 98.4 ft Luffing Jib

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	
115													115
120													120
125													125
130													130
135	60.8	379.3	75,400	134,200*b									135
140	57.3	376.1	71,800	133,200*b									140
145	53.7	372.5	68,500	129,700*									145
150	50.0	368.4	65,300	125,100*									150
155	45.9	363.6	62,400	120,400*									155
160	41.6	358.1	59,600	115,700*									160
165	36.9	351.6	56,900	110,900*	57.1	367.8	41,800	116,200 <b></b>					165
170	31.5	343.8	54,400	106,100*	53.5	364.2	39,900	112,100					170
175	25.0	333.9	52,000	101,000*	49.7	360.0	38,100	108,100					175
180	16.1	319.4	49,600	95,400*	45.6	355.2	36,400	104,400					180
185					41.3	349.6	34,700	100,900					185
190					36.5	343.1	33,100	97,600					190
195					31.0	335.1	31,600	94,400	52.6	353.1	19,400	85,200	195
200					24.4	325.0	30,100	91,300	48.7	348.8	18,300	82,500	200
205					15.1	309.8	28,500	88,400	44.6	343.8	17,300	79,900	205
210									40.2	338.0	16,300	77,500	210
215									35.3	331.2	15,400	75,100	215
220									29.6	322.8	14,400	72,800	220
225									22.6	311.9	13,400	70,600	225
230									11.8	294.1	12,400	68,400	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

295.3 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	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	
125	57.6	398.8	102,800	117,900*	125
130	54.6	395.3	97,700	116,300*	130
135	51.5	391.4	93,000	112,700*	135
140	48.3	387.0	88,600	108,600*	140
145	44.9	382.0	84,500	104,800*	145
150	41.2	376.4	80,700	101,000*	150
155	37.3	370.0	77,200	97,500*	155
160	32.9	362.6	73,800	94,200*	160
165	28.0	353.6	70,600	91,300*	165
170	21.9	342.3	67,600	88,000*	170
175	13.3	325.2	64,600	83,400*	175
180					180
185					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
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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

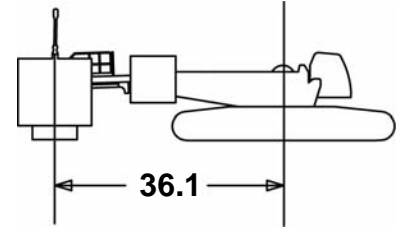
295.3 ft Boom, 118.1 ft Luffing Jib

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	
125													125
130													130
135													135
140													140
145	60.6	396.3	66,200	117,700*									145
150	57.7	393.1	63,100	117,100*									150
155	54.7	389.6	60,200	116,000*									155
160	51.7	385.7	57,500	112,300*									160
165	48.4	381.3	55,000	108,600*									165
170	45.0	376.4	52,600	104,900*									170
175	41.4	370.9	50,300	101,100*	57.5	384.8	35,600	106,100					175
180	37.5	364.5	48,100	97,300*	54.5	381.3	34,000	102,500					180
185	33.2	357.1	46,100	93,500*	51.4	377.4	32,400	99,000					185
190	28.2	348.2	44,100	89,600*	48.2	372.9	30,900	95,700					190
195	22.2	337.0	42,200	85,400*	44.8	368.0	29,500	92,600					195
200	13.8	320.4	40,300	80,800*	41.1	362.4	28,100	89,700					200
205					37.2	355.9	26,800	86,900					205
210					32.8	348.4	25,500	84,200	50.7	366.2	13,900	75,500	210
215					27.8	339.4	24,300	81,700	47.4	361.7	13,000	73,200	215
220					21.7	327.9	23,000	79,200	43.9	356.6	12,100	71,000	220
225					12.9	310.6	21,700	76,700	40.2	350.8	11,300	68,900	225
230									36.2	344.1	10,500	66,900	230
235									31.7	336.3	9,700	64,900	235
240									26.5	326.9	9,000	63,100	240
245									20.0	314.5	8,200	61,200*	245
250									9.7	293.8	7,200	59,200*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

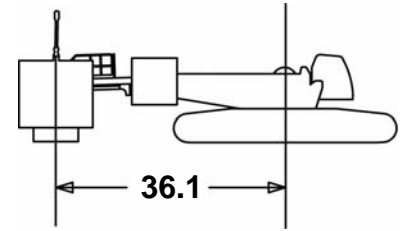
295.3 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	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	
135	57.8	415.8	91,600	104,300*	135
140	55.3	412.4	87,200	102,200*	140
145	52.7	408.6	83,200	98,900*	145
150	50.0	404.5	79,400	95,600*	150
155	47.2	399.9	75,900	92,300*	155
160	44.2	394.8	72,700	89,100*	160
165	41.1	389.2	69,600	86,100*	165
170	37.8	382.9	66,700	83,200*	170
175	34.1	375.7	63,900	80,500*	175
180	30.1	367.4	61,300	78,000*	180
185	25.5	357.4	58,800	75,700*	185
190	19.8	344.8	56,400	73,900*	190
195	11.6	325.6	54,000	71,200*	195
200					200
205					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
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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

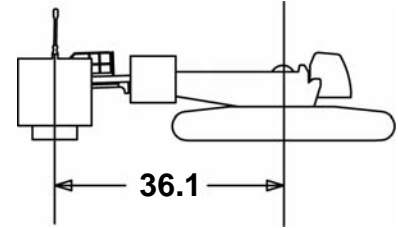
295.3 ft Boom, 137.8 ft Luffing Jib

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	
135													135
140													140
145													145
150	62.8	416.0	61,300	103,800*									150
155	60.4	413.2	58,500	103,700*									155
160	58.0	410.1	55,800	103,400*									160
165	55.4	406.7	53,300	102,800*									165
170	52.8	402.9	51,000	101,300*									170
175	50.1	398.8	48,800	98,300*									175
180	47.3	394.2	46,700	95,300*									180
185	44.4	389.2	44,700	92,300*	57.8	401.8	30,500	97,500					185
190	41.3	383.6	42,800	89,200*	55.2	398.4	29,100	94,200					190
195	37.9	377.3	41,000	86,100*	52.6	394.6	27,700	91,200					195
200	34.3	370.2	39,300	83,100*	49.9	390.4	26,400	88,300					200
205	30.3	361.9	37,600	79,900*	47.1	385.8	25,100	85,500					205
210	25.7	352.1	36,000	76,600*	44.1	380.7	23,900	82,900					210
215	20.1	339.6	34,400	73,100*	41.0	375.1	22,800	80,400					215
220	12.0	320.9	32,800	69,200*	37.6	368.7	21,600	78,000	52.0	383.5	10,300	69,300*	220
225					34.0	361.5	20,600	75,700	49.3	379.2	9,500	67,200*	225
230					30.0	353.2	19,500	73,500	46.4	374.5	8,800	65,200*	230
235					25.3	343.2	18,500	71,400	43.4	369.3	8,100	63,200*	235
240					19.6	330.4	17,500	69,300	40.2	363.5	7,400	61,300*	240
245					11.2	310.8	16,400	66,300*	36.8	357.0	6,700	59,500*	245
250									33.1	349.5	6,000	57,800*	250
255									28.9	340.9	5,400	56,100*	255
260									24.1	330.3	4,700	54,400*	260
265									18.0	316.6	4,000	52,800*	265
270									7.8	292.7	3,200	51,000*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

295.3 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	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	
145	58.1	432.8	81,200	92,400*	145
150	55.9	429.4	77,500	89,700*	150
155	53.6	425.8	74,000	87,000*	155
160	51.3	421.8	70,800	84,200*	160
165	48.9	417.5	67,700	81,500*	165
170	46.4	412.7	64,900	78,800*	170
175	43.8	407.6	62,200	76,200*	175
180	41.0	401.9	59,600	73,800*	180
185	38.1	395.7	57,200	71,400*	185
190	35.0	388.7	54,900	69,100*	190
195	31.6	380.8	52,700	67,000*	195
200	27.8	371.7	50,600	65,100*	200
205	23.4	360.8	48,600	63,500*	205
210	18.1	346.9	46,700	62,100*	210
215	10.0	325.4	44,700	60,800*	215
220					220
225					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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



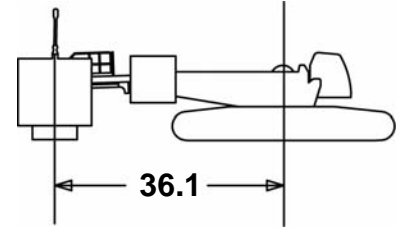
## 16000 MAX-ER

295.3 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	
145													145
150													150
155													155
160	62.4	433.0	53,500	91,200*									160
165	60.3	430.2	51,000	91,200*									165
170	58.2	427.1	48,700	91,100*									170
175	56.0	423.7	46,500	90,900*									175
180	53.7	420.1	44,500	90,500*									180
185	51.4	416.1	42,500	88,700*									185
190	49.0	411.8	40,700	86,300*									190
195	46.5	407.1	38,900	83,800*	58.0	418.8	25,200	86,400*					195
200	43.9	402.0	37,300	81,200*	55.8	415.4	23,900	86,300					200
205	41.1	396.3	35,700	78,700*	53.5	411.7	22,700	83,600					205
210	38.2	390.1	34,200	76,100*	51.2	407.7	21,600	81,000					210
215	35.1	383.1	32,700	73,600*	48.8	403.4	20,400	78,500					215
220	31.7	375.3	31,300	71,000*	46.3	398.7	19,400	76,200					220
225	28.0	366.2	29,900	68,300*	43.7	393.5	18,400	73,900					225
230	23.6	355.5	28,600	65,500*	40.9	387.8	17,400	71,800	53.0	400.7	6,200	62,400*	230
235	18.3	341.7	27,300	62,500*	38.0	381.6	16,400	69,700	50.6	396.6	5,600	60,500*	235
240	10.5	320.9	26,000	59,200*	34.9	374.5	15,500	67,700	48.2	392.2	4,900	58,700*	240
245					31.5	366.6	14,600	65,800	45.7	387.4	4,300	56,900*	245
250					27.7	357.5	13,700	64,000	43.0	382.1	3,700	55,200*	250
255					23.3	346.5	12,900	62,200	40.3	376.3	3,100	53,600*	255
260					17.9	332.5	12,000	60,100*	37.3	369.8	2,500	52,000*	260
265					9.6	310.5	11,100	56,700*	34.1	362.6	1,900	50,500*	265
270									30.6	354.4		49,000*	270
275									26.7	344.9		47,500*	275
280									22.1	333.4		46,100*	280
285									16.3	318.2		44,700*	285
290									6.1	290.6		43,200*	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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

### 295.3 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	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	
155	58.2	449.8	72,500	81,400*	155
160	56.3	446.4	69,300	79,200*	160
165	54.3	442.9	66,200	76,900*	165
170	52.2	439.0	63,400	74,700*	170
175	50.1	434.9	60,700	72,400*	175
180	48.0	430.4	58,200	70,200*	180
185	45.7	425.6	55,800	68,000*	185
190	43.4	420.4	53,600	65,900*	190
195	40.9	414.7	51,400	63,800*	195
200	38.4	408.5	49,400	61,800*	200
205	35.6	401.6	47,400	60,000*	205
210	32.7	394.0	45,600	58,200*	210
215	29.5	385.4	43,800	56,600*	215
220	25.9	375.5	42,100	55,100*	220
225	21.7	363.7	40,400	53,900*	225
230	16.6	348.7	38,800	52,900*	230
235	8.7	324.7	37,100	52,200*	235
240					240
245					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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

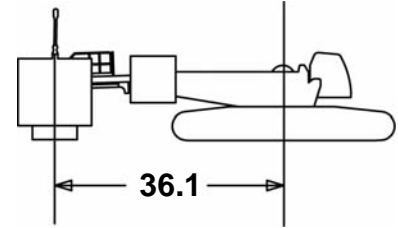
295.3 ft Boom, 177.2 ft Luffing Jib

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	
155													155
160													160
165													165
170	62.1	450.0	46,900	80,400*									170
175	60.2	447.1	44,700	80,400*									175
180	58.3	444.0	42,700	80,400*									180
185	56.4	440.7	40,800	80,400*									185
190	54.4	437.2	39,000	80,200*									190
195	52.3	433.3	37,200	79,900*									195
200	50.2	429.2	35,600	78,300*									200
205	48.1	424.8	34,100	76,200*									205
210	45.8	420.0	32,600	74,100*	56.2	432.4	19,700	76,200*					210
215	43.5	414.7	31,100	72,000*	54.2	428.9	18,600	76,200*					215
220	41.1	409.1	29,800	69,800*	52.2	425.0	17,600	74,700					220
225	38.5	402.9	28,500	67,700*	50.1	420.8	16,600	72,500					225
230	35.7	396.1	27,200	65,600*	47.9	416.4	15,600	70,300					230
235	32.8	388.5	26,000	63,400*	45.7	411.5	14,700	68,300					235
240	29.6	380.0	24,900	61,100*	43.3	406.3	13,800	66,400					240
245	26.1	370.1	23,700	58,800*	40.9	400.6	13,000	64,500	51.7	413.9	2,400	54,800*	245
250	21.9	358.5	22,600	56,400*	38.3	394.4	12,200	62,700	49.6	409.7	1,800	53,200*	250
255	16.9	343.6	21,500	53,800*	35.5	387.5	11,400	61,000	47.4	405.1		51,600*	255
260	9.2	320.4	20,300	50,900*	32.6	379.9	10,600	59,300	45.1	400.2		50,000*	260
265					29.4	371.2	9,800	57,700	42.7	394.8		48,500*	265
270					25.8	361.3	9,100	56,200	40.3	389.0		47,100*	270
275					21.6	349.4	8,300	54,300*	37.6	382.6		45,700*	275
280					16.4	334.2	7,600	51,700*	34.9	375.6		44,300*	280
285					8.3	309.6	6,800	48,700*	31.8	367.8		43,000*	285
290									28.5	358.9		41,800*	290
295									24.8	348.5		40,500*	295
300									20.5	336.1		39,300*	300
305									14.9	319.6		38,100*	305
310									4.3	287.1		36,700*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

295.3 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	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	
165	58.3	466.7	64,200	71,700*	165
170	56.6	463.5	61,400	69,900*	170
175	54.8	459.9	58,800	68,000*	175
180	53.0	456.2	56,300	66,100*	180
185	51.1	452.2	53,900	64,300*	185
190	49.2	447.9	51,700	62,400*	190
195	47.3	443.3	49,600	60,500*	195
200	45.2	438.4	47,500	58,800*	200
205	43.1	433.1	45,600	57,000*	205
210	40.9	427.4	43,800	55,300*	210
215	38.6	421.2	42,100	53,700*	215
220	36.1	414.5	40,400	52,200*	220
225	33.5	407.1	38,800	50,700*	225
230	30.7	398.9	37,300	49,300*	230
235	27.7	389.7	35,800	48,100*	235
240	24.3	379.1	34,300	47,000*	240
245	20.3	366.4	32,900	46,000*	245
250	15.3	350.1	31,600	45,300*	250
255	7.5	323.5	30,100	44,500*	255
260					260
265					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

# 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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

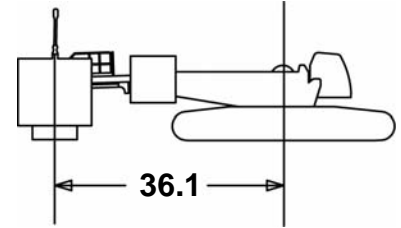
295.3 ft Boom, 196.9 ft Luffing Jib

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	
165												165
170												170
175												175
180	61.8	466.9	40,400	70,600*								180
185	60.1	464.1	38,500	70,600*								185
190	58.4	461.0	36,700	70,600*								190
195	56.7	457.7	35,000	70,600*								195
200	54.9	454.2	33,400	70,600*								200
205	53.1	450.5	31,900	70,600*								205
210	51.2	446.5	30,400	70,400*								210
215	49.3	442.2	29,000	68,900*								215
220	47.3	437.7	27,700	67,200*	56.5	449.4	15,100	66,400*				220
225	45.3	432.8	26,400	65,400*	54.8	445.9	14,200	66,400*				225
230	43.2	427.5	25,200	63,600*	52.9	442.2	13,200	66,400*				230
235	41.0	421.8	24,000	61,800*	51.1	438.2	12,400	66,400*				235
240	38.7	415.7	22,900	59,900*	49.2	433.9	11,500	64,500				240
245	36.2	409.0	21,800	58,100*	47.2	429.3	10,700	62,700				245
250	33.6	401.6	20,800	56,300*	45.1	424.4	9,900	60,900				250
255	30.9	393.4	19,800	54,300*	43.0	419.0	9,100	59,100*	52.5	431.1	48,900*	255
260	27.8	384.3	18,800	52,400*	40.8	413.3	8,400	57,400*	50.6	427.0	47,300*	260
265	24.4	373.7	17,800	50,400*	38.5	407.1	7,700	55,700*	48.7	422.7	45,900*	265
270	20.5	361.1	16,900	48,300*	36.0	400.4	7,000	54,100*	46.7	418.0	44,500*	270
275	15.6	345.1	15,900	46,000*	33.4	393.0	6,300	52,600*	44.6	413.0	43,100*	275
280	8.0	319.5	14,900	43,400*	30.6	384.7	5,700	51,100*	42.5	407.6	41,800*	280
285					27.6	375.5	5,000	49,600*	40.3	401.8	40,500*	285
290					24.1	364.8	4,400	48,200*	37.9	395.4	39,300*	290
295					20.2	352.0	3,800	46,500*	35.4	388.5	38,100*	295
300					15.1	335.6	3,100	44,200*	32.8	381.0	37,000*	300
305					7.0	308.2	2,400	41,400*	29.9	372.5	35,800*	305
310									26.8	363.0	34,700*	310
315									23.3	351.9	33,600*	315
320									19.1	338.4	32,600*	320
325									13.7	320.6	31,500*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

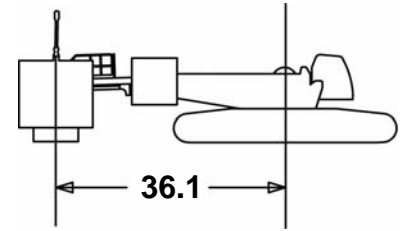
295.3 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	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	
180	56.9	480.4	54,300	61,600*	180
185	55.3	477.0	51,900	60,100*	185
190	53.6	473.3	49,700	58,600*	190
195	51.9	469.4	47,600	57,000*	195
200	50.2	465.3	45,600	55,500*	200
205	48.5	460.9	43,700	54,000*	205
210	46.7	456.2	41,900	52,500*	210
215	44.8	451.2	40,200	51,100*	215
220	42.8	445.9	38,500	49,700*	220
225	40.8	440.2	37,000	48,300*	225
230	38.7	434.0	35,500	46,900*	230
235	36.5	427.4	34,000	45,700*	235
240	34.2	420.1	32,600	44,500*	240
245	31.7	412.2	31,300	43,300*	245
250	29.1	403.5	30,000	42,300*	250
255	26.1	393.6	28,700	41,300*	255
260	22.9	382.3	27,500	40,400*	260
265	19.0	368.7	26,300	39,700*	265
270	14.2	351.3	25,100	39,100*	270
275	6.3	321.6	23,800	36,800*	275
280					280
285					285
290					290
295					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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

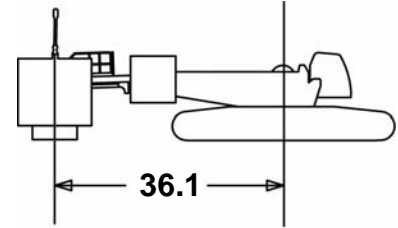
295.3 ft Boom, 216.5 ft Luffing Jib

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	
180												180
185												185
190	61.6	483.9	34,500	61,500*								190
195	60.1	481.0	32,800	61,500*								195
200	58.5	478.0	31,200	61,500*								200
205	56.9	474.7	29,700	61,500*								205
210	55.3	471.3	28,300	61,500*								210
215	53.7	467.6	26,900	61,500*								215
220	52.0	463.7	25,600	61,500*								220
225	50.3	459.6	24,300	60,900*								225
230	48.5	455.2	23,100	59,400*	56.8	466.4	11,000	57,500*				230
235	46.7	450.6	22,000	57,900*	55.2	463.0	10,100	57,500*				235
240	44.9	445.6	20,900	56,400*	53.6	459.3	9,300	57,500*				240
245	42.9	440.3	19,800	54,900*	51.9	455.4	8,500	57,500*				245
250	40.9	434.6	18,800	53,300*	50.2	451.3	7,700	57,500*				250
255	38.8	428.4	17,800	51,800*	48.4	446.9	6,900	56,700*				255
260	36.6	421.8	16,800	50,300*	46.6	442.2	6,200	55,000*				260
265	34.3	414.6	15,900	48,700*	44.7	437.2	5,500	53,400*				265
270	31.8	406.7	15,000	47,100*	42.8	431.8	4,900	51,800*	51.5	444.3	42,000*	270
275	29.2	398.0	14,200	45,400*	40.8	426.1	4,200	50,300*	49.8	440.1	40,600*	275
280	26.3	388.2	13,300	43,700*	38.7	419.9	3,600	48,800*	48.0	435.6	39,300*	280
285	23.0	377.0	12,500	42,000*	36.5	413.2	3,000	47,400*	46.2	430.9	38,100*	285
290	19.2	363.6	11,700	40,200*	34.1	406.0	2,400	46,000*	44.3	425.8	36,900*	290
295	14.5	346.3	10,800	38,100*	31.7	398.1	1,800	44,600*	42.3	420.3	35,700*	295
300	6.8	317.9	9,900	35,800*	29.0	389.3		43,300*	40.3	414.5	34,600*	300
305					26.0	379.4		42,000*	38.2	408.2	33,500*	305
310					22.8	368.0		40,400*	35.9	401.4	32,400*	310
315					18.9	354.4		38,500*	33.6	394.0	31,400*	315
320					14.0	336.7		36,500*	31.0	385.9	30,400*	320
325					5.8	306.0		34,100*	28.3	376.9	29,400*	325
330									25.3	366.7	28,400*	330
335									21.9	354.9	27,500*	335
340									17.9	340.5	26,500*	340
345									12.6	321.3	25,500*	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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



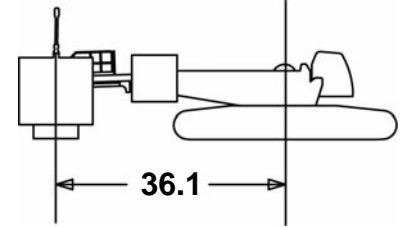
## 16000 MAX-ER

295.3 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	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	
190	57.1	497.4	47,800	54,300*	190
195	55.6	494.0	45,700	53,000*	195
200	54.1	490.4	43,700	51,800*	200
205	52.6	486.6	41,900	50,500*	205
210	51.0	482.6	40,100	49,300*	210
215	49.5	478.4	38,400	48,000*	215
220	47.8	473.9	36,700	46,800*	220
225	46.1	469.1	35,200	45,600*	225
230	44.4	464.0	33,700	44,400*	230
235	42.6	458.6	32,300	43,200*	235
240	40.8	452.9	30,900	42,100*	240
245	38.9	446.8	29,600	41,000*	245
250	36.9	440.2	28,300	39,900*	250
255	34.8	433.1	27,100	38,900*	255
260	32.5	425.4	25,900	38,000*	260
265	30.2	417.0	24,800	37,100*	265
270	27.6	407.7	23,700	36,200*	270
275	24.8	397.3	22,600	35,500*	275
280	21.6	385.2	21,600	34,800*	280
285	17.9	370.9	20,500	34,300*	285
290	13.3	352.2	19,500	33,000*	290
295	5.1	318.9	18,400	30,800*	295
300					300
305					305
310					310
315					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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



## 16000 MAX-ER

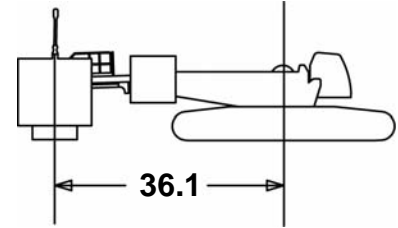
295.3 ft Boom, 236.2 ft Luffing Jib

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	
190												190
195	62.8	503.6	30,600	53,800*								195
200	61.4	500.9	29,000	53,800*								200
205	60.0	498.0	27,500	53,800*								205
210	58.6	494.9	26,100	53,800*								210
215	57.2	491.7	24,700	53,800*								215
220	55.7	488.3	23,400	53,800*								220
225	54.2	484.7	22,200	53,800*								225
230	52.7	480.9	21,000	53,800*								230
235	51.1	476.9	19,900	53,800*								235
240	49.5	472.7	18,800	53,600*	57.0	483.4	6,900	50,200*				240
245	47.9	468.2	17,800	52,300*	55.6	480.0	6,200	50,200*				245
250	46.2	463.4	16,800	51,000*	54.1	476.4	5,400	50,200*				250
255	44.5	458.4	15,800	49,700*	52.6	472.6	4,700	50,200*				255
260	42.7	453.0	14,900	48,400*	51.0	468.6	4,000	50,200*				260
265	40.9	447.3	14,000	47,000*	49.4	464.3	3,300	50,200*				265
270	39.0	441.2	13,100	45,700*	47.8	459.8	2,700	49,400*				270
275	37.0	434.6	12,300	44,400*	46.1	455.0	2,100	47,900*				275
280	34.9	427.6	11,500	43,000*	44.4	450.0	1,500	46,500*	52.2	461.5	36,800*	280
285	32.6	419.9	10,700	41,600*	42.6	444.6		45,100*	50.6	457.4	35,600*	285
290	30.3	411.5	9,900	40,200*	40.7	438.8		43,700*	49.0	453.1	34,400*	290
295	27.7	402.3	9,200	38,700*	38.8	432.7		42,400*	47.4	448.5	33,200*	295
300	24.9	391.9	8,500	37,200*	36.8	426.1		41,100*	45.7	443.7	32,100*	300
305	21.8	380.0	7,800	35,700*	34.7	419.0		39,900*	43.9	438.6	31,000*	305
310	18.1	365.7	7,000	34,000*	32.5	411.3		38,700*	42.2	433.1	30,000*	310
315	13.5	347.3	6,300	32,200*	30.1	402.8		37,500*	40.3	427.3	29,000*	315
320	5.7	315.6	5,500	30,000*	27.5	393.5		36,400*	38.3	421.0	28,000*	320
325					24.7	383.0		35,300*	36.3	414.3	27,100*	325
330					21.5	370.9		34,200*	34.2	407.1	26,100*	330
335					17.8	356.4		32,600*	31.9	399.2	25,200*	335
340					13.1	337.5		30,700*	29.5	390.6	24,300*	340
345					4.5	302.7		28,500*	26.9	381.0	23,500*	345
350									24.0	370.2	22,600*	350
355									20.7	357.6	21,800*	355
360									16.8	342.4	20,900*	360
365									11.7	321.7	20,100*	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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

295.3 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	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	
200	57.3	514.4	42,100	47,900*	200
205	55.9	511.0	40,200	46,900*	205
210	54.6	507.5	38,400	45,800*	210
215	53.2	503.8	36,700	44,800*	215
220	51.7	499.9	35,100	43,800*	220
225	50.3	495.7	33,600	42,700*	225
230	48.8	491.4	32,100	41,700*	230
235	47.3	486.8	30,700	40,700*	235
240	45.7	481.9	29,300	39,600*	240
245	44.1	476.8	28,000	38,700*	245
250	42.5	471.4	26,800	37,700*	250
255	40.8	465.6	25,600	36,800*	255
260	39.0	459.5	24,400	35,900*	260
265	37.2	453.0	23,300	35,000*	265
270	35.2	446.0	22,200	34,100*	270
275	33.2	438.5	21,200	33,300*	275
280	31.1	430.4	20,200	32,600*	280
285	28.8	421.5	19,200	31,900*	285
290	26.3	411.7	18,300	31,300*	290
295	23.6	400.6	17,300	30,700*	295
300	20.6	388.0	16,400	30,200*	300
305	17.0	372.7	15,500	29,300*	305
310	12.4	352.8	14,600	27,700*	310
315	3.8	314.7	13,600	25,700*	315
320					320
325					325
330					330
335					335
340					340
345					345
350					350
355					355
360					360
365					365
370					370
375					375
380					380
385					385

# 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  
313,850 lb Hanging Counterweight  
at 36.1 ft Position  
360 Degree Rating



## 16000 MAX-ER

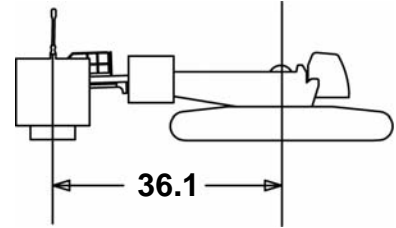
295.3 ft Boom, 255.9 ft Luffing Jib

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	
200												200
205	62.5	520.5	25,700	47,100*								205
210	61.3	517.8	24,200	47,100*								210
215	60.0	514.9	22,900	47,100*								215
220	58.7	511.9	21,600	47,100*								220
225	57.3	508.7	20,400	47,100*								225
230	56.0	505.3	19,200	47,100*								230
235	54.6	501.8	18,100	47,100*								235
240	53.2	498.1	17,000	47,100*								240
245	51.8	494.2	16,000	47,100*								245
250	50.3	490.0	15,000	47,100*	57.2	500.4	3,500	43,600*				250
255	48.9	485.7	14,100	47,100*	55.9	497.0	2,800	43,600*				255
260	47.3	481.1	13,200	46,100*	54.5	493.5	2,100	43,600*				260
265	45.8	476.3	12,300	45,000*	53.1	489.7	1,500	43,600*				265
270	44.2	471.2	11,500	43,900*	51.7	485.8		43,600*				270
275	42.5	465.8	10,600	42,700*	50.2	481.7		43,600*				275
280	40.8	460.1	9,800	41,500*	48.7	477.3		43,600*				280
285	39.1	454.0	9,100	40,300*	47.2	472.7		43,100*				285
290	37.2	447.5	8,300	39,200*	45.7	467.9		41,700*	52.8	478.7	32,200*	290
295	35.3	440.5	7,600	38,000*	44.1	462.7		40,400*	51.3	474.7	31,100*	295
300	33.3	433.0	6,900	36,800*	42.4	457.3		39,200*	49.9	470.5	30,000*	300
305	31.2	424.9	6,200	35,500*	40.7	451.6		38,000*	48.4	466.1	29,000*	305
310	28.9	416.0	5,600	34,200*	38.9	445.4		36,800*	46.9	461.5	27,900*	310
315	26.4	406.3	4,900	32,900*	37.1	438.9		35,600*	45.3	456.5	27,000*	315
320	23.7	395.3	4,300	31,600*	35.2	431.9		34,500*	43.7	451.4	26,000*	320
325	20.7	382.7	3,700	30,200*	33.1	424.4		33,400*	42.0	445.9	25,100*	325
330	17.1	367.6	3,000	28,700*	31.0	416.2		32,400*	40.3	440.0	24,100*	330
335	12.6	348.0	2,400	27,000*	28.7	407.3		31,400*	38.5	433.8	23,300*	335
340	4.6	312.4	1,600	25,000*	26.2	397.4		30,400*	36.6	427.2	22,400*	340
345					23.5	386.4		29,400*	34.7	420.0	21,600*	345
350					20.4	373.6		28,400*	32.6	412.4	20,700*	350
355					16.8	358.3		27,400*	30.5	404.0	19,900*	355
360					12.2	338.1		25,700*	28.1	394.9	19,200*	360
365					3.0	297.5		23,600*	25.6	384.8	18,400*	365
370									22.8	373.4	17,600*	370
375									19.7	360.1	16,900*	375
380									15.9	344.0	16,100*	380
385									10.8	321.9	15,400*	385



# 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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

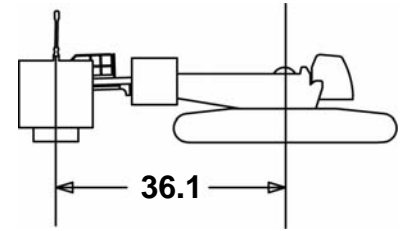
**295.3 ft Boom, 275.6 ft Luffing Jib**

Jib Oper. Rad. Feet	80 Degree Boom Angle			Luffing Jib Capacity Pounds	Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds		
205	58.7	534.6	38,200	42,700*	205
210	57.4	531.4	36,400	41,900*	210
215	56.2	528.1	34,700	41,100*	215
220	54.9	524.6	33,100	40,300*	220
225	53.6	520.9	31,600	39,400*	225
230	52.3	517.0	30,100	38,600*	230
235	51.0	513.0	28,700	37,700*	235
240	49.6	508.8	27,400	36,900*	240
245	48.2	504.3	26,100	36,000*	245
250	46.8	499.7	24,800	35,200*	250
255	45.3	494.8	23,700	34,300*	255
260	43.9	489.6	22,500	33,500*	260
265	42.3	484.1	21,400	32,800*	265
270	40.7	478.4	20,400	32,000*	270
275	39.1	472.3	19,300	31,200*	275
280	37.4	465.8	18,300	30,500*	280
285	35.6	459.0	17,400	29,800*	285
290	33.8	451.6	16,500	29,200*	290
295	31.8	443.7	15,600	28,500*	295
300	29.8	435.1	14,700	27,900*	300
305	27.6	425.7	13,800	27,400*	305
310	25.2	415.4	13,000	26,900*	310
315	22.5	403.8	12,200	26,500*	315
320	19.6	390.4	11,400	25,500*	320
325	16.1	374.4	10,600	24,100*	325
330	11.6	353.2	9,800	22,700*	330
335	1.9	307.1	8,900	20,800*	335
340					340
345					345
350					350
355					355
360					360
365					365
370					370
375					375
380					380
385					385
390					390
395					395
400					400
405					405



# 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  
 313,850 lb Hanging Counterweight  
 at 36.1 ft Position  
 360 Degree Rating



**16000 MAX-ER**

295.3 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	
205											205
210											210
215	62.3	537.5	20,600	40,900*							215
220	61.1	534.8	19,300	40,900*							220
225	59.9	531.9	18,100	40,900*							225
230	58.7	528.9	17,000	40,900*							230
235	57.5	525.7	15,900	40,900*							235
240	56.2	522.3	14,800	40,900*							240
245	55.0	518.9	13,800	40,900*							245
250	53.7	515.2	12,800	40,900*							250
255	52.4	511.4	11,900	40,900*							255
260	51.0	507.3	11,000	40,900*	57.4	517.4	37,500*				260
265	49.7	503.1	10,100	40,900*	56.1	514.1	37,500*				265
270	48.3	498.7	9,300	40,900*	54.9	510.5	37,500*				270
275	46.9	494.0	8,500	40,200*	53.6	506.9	37,500*				275
280	45.4	489.1	7,700	39,200*	52.3	503.0	37,500*				280
285	43.9	484.0	7,000	38,200*	50.9	499.0	37,500*				285
290	42.4	478.5	6,300	37,200*	49.6	494.7	37,500*				290
295	40.8	472.8	5,600	36,200*	48.2	490.3	37,500*				295
300	39.2	466.7	4,900	35,100*	46.8	485.6	36,700*				300
305	37.5	460.3	4,200	34,100*	45.3	480.7	35,500*	52.0	491.9	26,300*	305
310	35.7	453.4	3,600	33,100*	43.8	475.5	34,300*	50.6	487.9	25,300*	310
315	33.9	446.1	3,000	32,000*	42.3	470.1	33,200*	49.2	483.6	24,300*	315
320	31.9	438.2	2,400	30,900*	40.7	464.3	32,100*	47.8	479.1	23,400*	320
325	29.9	429.6	1,800	29,800*	39.0	458.2	31,100*	46.4	474.3	22,500*	325
330	27.7	420.3		28,600*	37.3	451.7	30,000*	45.0	469.4	21,600*	330
335	25.3	410.0		27,400*	35.6	444.8	29,000*	43.4	464.1	20,700*	335
340	22.7	398.5		26,200*	33.7	437.4	28,100*	41.9	458.6	19,900*	340
345	19.7	385.2		24,900*	31.8	429.5	27,100*	40.3	452.7	19,100*	345
350	16.3	369.3		23,600*	29.7	420.9	26,200*	38.6	446.6	18,300*	350
355	11.8	348.5		22,000*	27.5	411.5	25,300*	36.9	440.0	17,500*	355
360	3.2	307.5		20,100*	25.1	401.1	24,400*	35.1	433.0	16,700*	360
365					22.5	389.5	23,500*	33.3	425.5	16,000*	365
370					19.5	376.1	22,700*	31.3	417.4	15,300*	370
375					16.0	359.9	21,800*	29.2	408.6	14,600*	375
380					11.4	338.5	20,800*	26.9	399.0	13,900*	380
385								24.5	388.4	13,200*	385
390								21.8	376.4	12,500*	390
395								18.7	362.4	11,800*	395
400								15.0	345.3	11,200*	400
405								10.0	321.7	10,500*	405