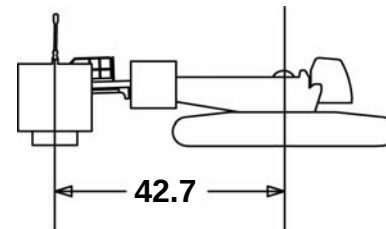


Liftcrane Luffing Jib Capacities

Luffing Jib 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 42.7 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

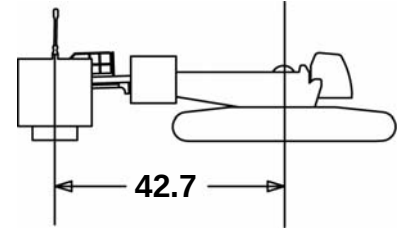
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



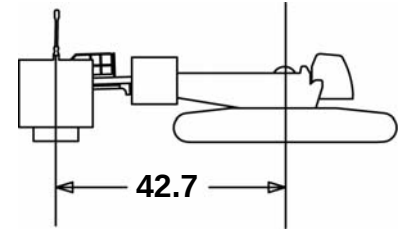
16000 MAX-ER

137.8 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	
65	67.2	217.0	310,500	395,300*b	65
70	63.2	214.5	284,300	382,200*b	70
75	58.9	211.5	262,000	370,600*b	75
80	54.5	208.0	242,700	347,000*	80
85	49.7	203.9	225,800	316,000*	85
90	44.6	198.9	210,900	286,100*	90
95	38.9	192.9	197,700	260,900*	95
100	32.4	185.4	185,800	239,200*	100
105	24.2	175.4	174,900	220,200*	105
110					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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65													65
70													70
75													75
80													80
85	60.5	209.8	214,600	329,200*b									85
90	56.1	206.5	200,500	310,600*									90
95	51.5	202.6	187,900	293,800*									95
100	46.5	197.9	176,700	278,200*	57.5	203.6	167,500	271,600*					100
105	41.1	192.3	166,600	263,900*	52.9	199.9	157,900	257,700*					105
110	34.9	185.5	157,400	247,500*	48.1	195.5	149,300	245,000*					110
115	27.5	176.6	148,900	227,600*	42.8	190.2	141,400	233,500*					115
120	17.0	163.1	140,900	209,800*	36.9	183.8	134,100	222,900*	49.2	191.7	126,900	217,600*	120
125					29.9	175.7	127,400	213,100*	44.0	186.6	120,600	208,100*	125
130					20.8	164.1	121,000	204,000*	38.3	180.5	114,800	199,300*	130
135									31.6	172.8	109,400	190,700	135
140									23.1	162.3	104,200	182,400	140
145									7.4	141.3	99,000	174,500	145

Liftcrane Luffing Jib Capacities

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

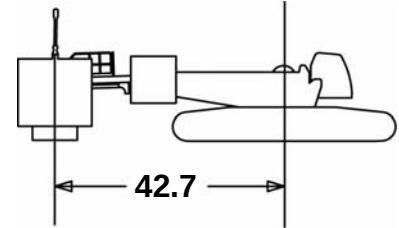
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 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	
70	64.3	234.2	292,900	334,500*					70
75	60.9	231.5	269,900	303,700*	65.7	234.1	261,700	341,100*b	75
80	57.5	228.3	250,000	279,000*	62.4	231.5	242,400	331,200*	80
85	53.9	224.7	232,600	258,700*	59.0	228.5	225,500	321,400*	85
90	50.1	220.6	217,300	241,700*	55.5	225.1	210,700	291,300*	90
95	46.1	215.9	203,700	227,200*	51.8	221.2	197,500	266,000*	95
100	41.8	210.4	191,600	215,300*	47.9	216.8	185,800	244,400*	100
105	37.1	204.0	180,600	202,400*	43.8	211.7	175,200	225,800*	105
110					39.2	205.7	165,600	209,400*	110
115					34.2	198.6	156,800	194,900*	115
120					28.3	189.9	148,800	182,000*	120
125					20.9	178.1	141,300	170,100*	125
130									130
135									135
140									140
145									145
150									150
155									155
160									160
165									165

Liftcrane Luffing Jib Capacities

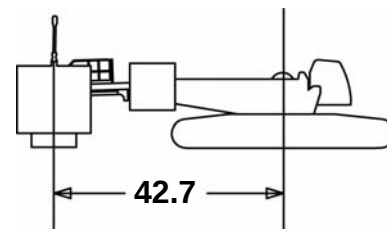
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70													70
75													75
80													80
85													85
90													90
95	60.3	226.7	187,200	292,700*									95
100	56.8	223.5	176,000	277,200*									100
105	53.2	219.8	166,000	263,000*									105
110	49.4	215.6	156,900	250,100*	57.9	220.6	148,300	243,800*					110
115	45.3	210.7	148,700	232,900*	54.3	217.1	140,500	232,400*					115
120	40.9	205.1	141,100	215,800*	50.5	213.0	133,400	221,900*					120
125	36.1	198.4	134,200	200,700*	46.6	208.4	126,800	212,200*					125
130	30.6	190.4	127,700	187,200*	42.3	203.0	120,800	203,300*	51.4	209.1	113,800	198,200*	130
135	23.9	180.0	121,700	175,000*	37.6	196.7	115,200	195,000*	47.5	204.6	108,500	189,800	135
140	14.2	164.2	115,900	162,400*	32.3	189.1	109,900	186,700	43.3	199.4	103,700	181,800	140
145					26.1	179.6	105,000	179,000	38.7	193.3	99,100	174,300	145
150					17.7	166.1	100,300	167,700*	33.6	186.1	94,800	167,300	150
155									27.6	177.1	90,700	160,800	155
160									19.9	164.9	86,800	154,700	160
165									3.1	136.5	82,700	148,600	165

Liftcrane Luffing Jib Capacities

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

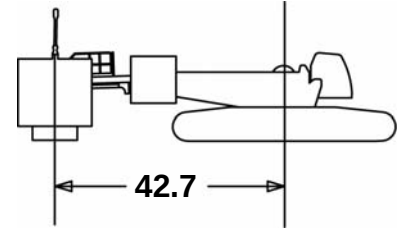
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 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	
75	66.2	253.7	269,100	299,500*	67.4	253.4	241,200	304,400*	75
80	63.5	251.2	249,200	290,400*	64.7	251.1	224,400	296,400*	80
85	60.7	248.4	231,800	266,400*	61.9	248.4	209,500	288,800*	85
90	57.8	245.3	216,500	246,800*	59.1	245.5	196,400	268,300*	90
95	54.9	241.8	202,900	230,100*	56.2	242.1	184,700	246,600*	95
100	51.8	237.9	190,800	216,300*	53.2	238.4	174,100	227,800*	100
105	48.6	233.6	179,900	204,600*	50.0	234.3	164,600	211,500*	105
110	45.2	228.7	170,000	190,900*	46.7	229.6	155,900	197,100*	110
115					43.2	224.4	148,000	184,300*	115
120					39.4	218.5	140,700	172,800*	120
125					35.3	211.6	134,000	162,500*	125
130					30.7	203.5	127,800	153,000*	130
135					25.3	193.6	121,900	144,400*	135
140					18.4	180.3	116,400	135,700*	140
145									145
150									150
155									155
160									160
165									165
170									170
175									175
180									180

Liftcrane Luffing Jib Capacities

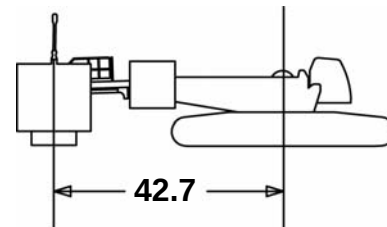
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75													75
80													80
85													85
90													90
95													95
100	62.9	246.6	174,500	275,500*									100
105	60.1	243.7	164,500	261,300*									105
110	57.3	240.5	155,500	248,500*									110
115	54.3	236.9	147,200	234,800*									115
120	51.2	232.9	139,800	217,700*									120
125	47.9	228.5	132,900	202,600*	55.2	234.1	125,100	210,500*					125
130	44.5	223.5	126,600	189,300*	52.1	230.3	119,100	201,700*					130
135	40.8	217.8	120,700	177,400*	48.9	226.0	113,600	193,500*					135
140	36.9	211.3	115,300	166,600*	45.6	221.2	108,500	185,400	52.8	226.3	101,800	180,100	140
145	32.4	203.7	110,200	156,900*	42.0	215.7	103,700	177,800	49.7	222.1	97,300	172,700	145
150	27.4	194.6	105,400	148,000*	38.1	209.5	99,300	170,300*	46.3	217.4	93,100	165,800	150
155	21.2	182.8	100,900	139,700*	33.8	202.3	95,100	160,300*	42.8	212.1	89,200	159,400	155
160	12.0	164.6	96,500	129,400*	29.0	193.7	91,200	151,100*	39.0	206.1	85,500	153,400	160
165					23.2	182.9	87,400	142,700*	34.8	199.1	82,100	147,800	165
170					15.4	167.6	83,800	134,700*	30.2	190.9	78,800	142,500	170
175									24.7	180.7	75,600	137,500	175
180									17.5	166.8	72,600	132,800	180

Liftcrane Luffing Jib Capacities

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

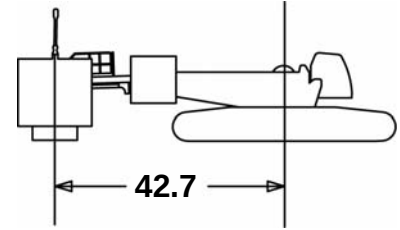
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



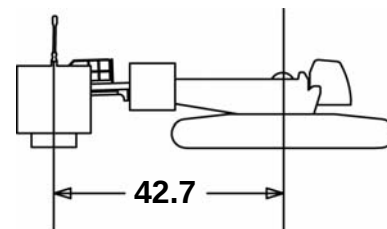
16000 MAX-ER

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	
85	65.2	270.7	231,100	262,100*	66.2	270.5	208,700	267,300*	85
90	62.9	268.2	215,800	255,800*	63.9	268.1	195,500	261,200*	90
95	60.5	265.4	202,200	238,600*	61.6	265.4	183,700	247,100*	95
100	58.1	262.3	190,100	221,200*	59.2	262.4	173,200	228,300*	100
105	55.6	258.9	179,200	205,700*	56.7	259.2	163,700	211,900*	105
110	53.0	255.1	169,300	192,000*	54.1	255.6	155,000	197,600*	110
115	50.3	251.0	160,400	179,800*	51.5	251.6	147,100	184,800*	115
120					48.7	247.3	139,900	173,400*	120
125					45.8	242.5	133,200	163,100*	125
130					42.8	237.2	127,100	153,800*	130
135					39.6	231.2	121,400	145,400*	135
140					36.1	224.5	116,100	137,600*	140
145					32.3	216.9	111,100	130,500*	145
150					28.0	207.9	106,500	123,900*	150
155					23.0	196.9	102,100	117,700*	155
160					16.5	182.1	97,800	110,200*	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 42.7 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	
85													85
90													90
95													95
100													100
105													105
110	62.4	263.5	154,300	247,200*									110
115	60.0	260.6	146,100	235,200*									115
120	57.6	257.5	138,600	218,000*									120
125	55.1	254.0	131,800	203,000*									125
130	52.4	250.2	125,500	189,700*									130
135	49.7	246.0	119,700	177,800*	55.8	251.2	112,300	192,200*					135
140	46.9	241.4	114,300	167,200*	53.2	247.5	107,200	184,200					140
145	43.9	236.3	109,300	157,600*	50.6	243.4	102,500	176,600					145
150	40.8	230.6	104,600	148,800*	47.8	238.9	98,100	169,600					150
155	37.4	224.2	100,200	140,800*	44.8	234.0	94,000	160,800*	51.2	239.5	87,800	158,200	155
160	33.7	216.9	96,100	133,500*	41.7	228.4	90,100	151,800*	48.4	235.1	84,200	152,200	160
165	29.6	208.4	92,300	126,700*	38.4	222.3	86,500	143,600*	45.5	230.2	80,800	146,700	165
170	24.9	198.3	88,600	120,400*	34.9	215.3	83,100	136,100*	42.5	224.9	77,600	141,500	170
175	19.1	185.2	85,100	114,400*	30.9	207.2	79,800	129,200*	39.2	218.9	74,600	136,500	175
180	10.2	164.5	81,600	105,600*	26.4	197.7	76,800	122,700*	35.7	212.1	71,700	131,900	180
185					21.0	185.7	73,800	116,700*	31.8	204.3	69,000	127,500	185
190					13.6	168.5	70,900	110,800*	27.5	195.1	66,300	123,400	190
195									22.4	183.8	63,800	118,400*	195
200									15.6	168.3	61,400	112,600*	200

Liftcrane Luffing Jib Capacities

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

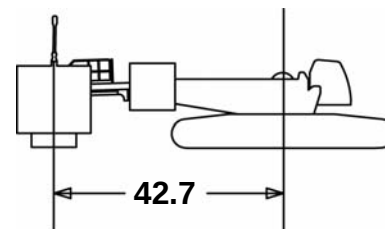
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



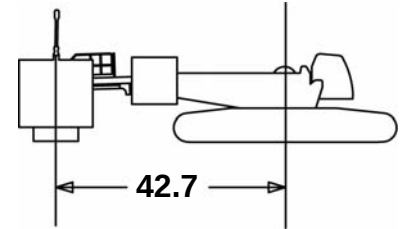
16000 MAX-ER

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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95	64.5	287.7	201,000	228,000*	67.4	289.9	194,100	237,900*	95
100	62.5	285.1	188,800	219,800*	65.4	287.6	182,300	231,400*	100
105	60.4	282.3	177,900	204,700*	63.4	285.1	171,700	224,800*	105
110	58.3	279.2	168,100	191,500*	61.3	282.4	162,200	211,600*	110
115	56.1	275.9	159,100	179,300*	59.2	279.4	153,600	197,500*	115
120	53.8	272.3	151,000	168,400*	57.0	276.2	145,700	184,700*	120
125					54.8	272.6	138,500	173,300*	125
130					52.5	268.9	131,800	163,000*	130
135					50.2	264.7	125,700	153,700*	135
140					47.7	260.2	120,000	145,300*	140
145					45.2	255.3	114,800	137,600*	145
150					42.5	249.9	109,900	130,500*	150
155					39.7	244.0	105,300	124,000*	155
160					36.7	237.4	101,000	118,000*	160
165					33.4	230.0	96,900	112,400*	165
170					29.9	221.6	93,100	107,100*	170
175					25.8	211.7	89,500	102,200*	175
180					21.1	199.7	86,100	97,600*	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 42.7 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	
95													95
100													100
105													105
110													110
115													115
120	62.1	280.5	136,900	217,600*									120
125	60.0	277.6	130,000	202,900*									125
130	57.8	274.5	123,800	189,500*									130
135	55.6	271.1	118,000	177,600*									135
140	53.4	267.4	112,600	167,000*									140
145	51.0	263.4	107,700	157,400*	56.3	268.2	100,600	175,000					145
150	48.6	259.0	103,000	148,600*	54.1	264.6	96,300	168,000					150
155	46.1	254.2	98,700	140,700*	51.7	260.7	92,200	160,500*					155
160	43.5	249.0	94,600	133,400*	49.4	256.5	88,400	151,500*					160
165	40.7	243.3	90,800	126,700*	46.9	251.8	84,800	143,400*	52.3	256.7	78,800	145,000	165
170	37.8	237.0	87,300	120,500*	44.3	246.7	81,400	135,900*	49.9	252.6	75,700	139,800	170
175	34.6	229.9	83,900	114,800*	41.6	241.2	78,200	129,000*	47.4	248.0	72,700	135,000	175
180	31.2	221.9	80,700	109,400*	38.7	235.1	75,200	122,700*	44.9	243.1	69,900	130,400	180
185	27.4	212.6	77,600	104,400*	35.6	228.2	72,400	116,900*	42.2	237.6	67,200	126,000	185
190	22.9	201.5	74,700	99,700*	32.3	220.5	69,700	111,400*	39.3	231.6	64,700	121,900	190
195	17.4	187.1	71,900	95,100*	28.6	211.7	67,100	106,300*	36.3	224.9	62,300	118,100	195
200	8.7	163.8	69,000	87,200*	24.3	201.2	64,600	101,500*	33.0	217.5	60,000	112,900*	200
205					19.2	188.1	62,200	96,900*	29.4	208.9	57,700	107,800*	205
210					12.1	169.0	59,800	92,400*	25.4	198.9	55,600	102,900*	210
215									20.5	186.5	53,600	98,300*	215
220									14.0	169.4	51,500	93,800*	220

Liftcrane Luffing Jib Capacities

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

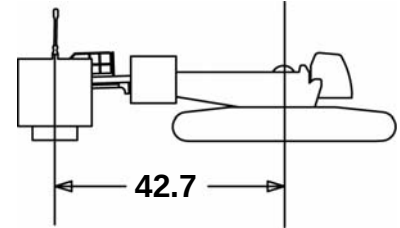
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



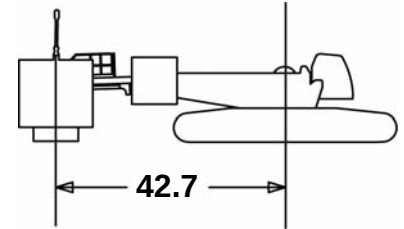
16000 MAX-ER

137.8 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	63.0	302.0	152,400	187,700*	115
120	61.1	299.3	144,500	181,600*	120
125	59.2	296.3	137,300	172,900*	125
130	57.3	293.1	130,600	162,900*	130
135	55.3	289.7	124,500	153,500*	135
140	53.3	286.0	118,900	145,100*	140
145	51.3	282.0	113,600	137,400*	145
150	49.1	277.7	108,700	130,300*	150
155	46.9	273.1	104,200	123,800*	155
160	44.6	268.1	99,900	117,800*	160
165	42.3	262.7	95,900	112,200*	165
170	39.7	256.7	92,100	107,000*	170
175	37.1	250.2	88,600	102,200*	175
180	34.3	243.1	85,200	97,700*	180
185	31.2	235.0	82,000	93,400*	185
190	27.8	225.9	79,000	89,400*	190
195	24.0	215.2	76,100	85,600*	195
200	19.5	202.1	73,300	81,900*	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115													115
120													120
125													125
130	61.8	297.4	122,400	178,200*									130
135	59.9	294.5	116,600	176,700*									135
140	58.0	291.4	111,300	166,800*									140
145	56.1	288.1	106,300	157,100*									145
150	54.1	284.5	101,700	148,400*									150
155	52.0	280.6	97,400	140,400*	56.7	285.2	90,700	160,100					155
160	49.9	276.4	93,400	133,100*	54.7	281.7	86,900	151,200*					160
165	47.7	271.9	89,600	126,400*	52.6	277.9	83,300	143,000*					165
170	45.5	267.1	86,000	120,200*	50.6	273.8	80,000	135,500*					170
175	43.1	261.8	82,700	114,500*	48.4	269.4	76,800	128,700*					175
180	40.7	256.1	79,500	109,200*	46.2	264.7	73,900	122,400*	51.0	269.9	68,300	129,100	180
185	38.1	249.8	76,500	104,300*	43.9	259.5	71,100	116,500*	48.9	265.6	65,700	124,700	185
190	35.3	242.9	73,700	99,600*	41.4	253.9	68,400	111,100*	46.7	260.9	63,200	120,700	190
195	32.3	235.2	71,000	95,300*	38.9	247.8	65,900	106,100*	44.4	255.8	60,800	116,800	195
200	29.1	226.5	68,400	91,200*	36.2	241.1	63,400	101,400*	42.0	250.4	58,600	112,600*	200
205	25.5	216.4	65,900	87,300*	33.3	233.7	61,100	96,900*	39.5	244.4	56,400	107,500*	205
210	21.2	204.4	63,600	83,600*	30.1	225.3	58,900	92,800*	36.8	237.8	54,400	102,700*	210
215	15.9	188.7	61,200	80,000*	26.6	215.7	56,800	88,800*	33.9	230.5	52,400	98,200*	215
220	7.3	162.5	58,900	72,700*	22.6	204.4	54,800	85,100*	30.9	222.4	50,500	94,000*	220
225					17.7	190.1	52,800	81,500*	27.4	213.1	48,700	90,000*	225
230					10.7	169.1	50,800	77,900*	23.6	202.2	46,900	86,300*	230
235									18.9	188.8	45,200	82,700*	235
240									12.7	170.1	43,500	79,100*	240

Liftcrane Luffing Jib Capacities

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

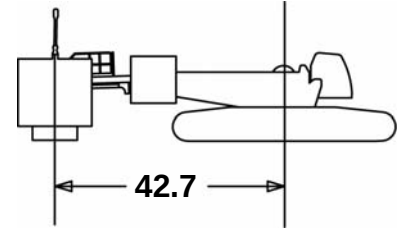
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



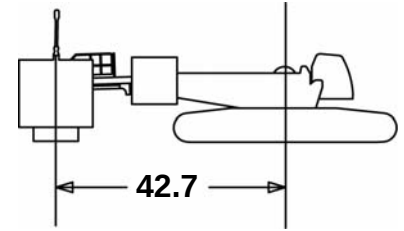
16000 MAX-ER

137.8 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	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	
120	64.2	321.6	142,900	160,000*	120
125	62.6	319.0	135,700	156,200*	125
130	60.9	316.3	129,100	150,600*	130
135	59.3	313.3	123,000	145,100*	135
140	57.5	310.1	117,300	139,700*	140
145	55.8	306.7	112,100	134,400*	145
150	54.0	303.1	107,200	129,100*	150
155	52.1	299.3	102,600	122,700*	155
160	50.2	295.1	98,400	116,700*	160
165	48.3	290.7	94,400	111,100*	165
170	46.3	286.0	90,600	106,000*	170
175	44.2	280.9	87,100	101,200*	175
180	42.1	275.4	83,800	96,700*	180
185	39.8	269.5	80,600	92,500*	185
190	37.4	263.1	77,600	88,600*	190
195	34.9	256.0	74,800	84,900*	195
200	32.2	248.3	72,100	81,400*	200
205	29.3	239.6	69,500	78,000*	205
210	26.1	229.8	67,100	74,900*	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
120													120
125													125
130													130
135													135
140	61.5	314.4	109,500	145,600*									140
145	59.9	311.5	104,500	145,600*									145
150	58.2	308.4	99,900	141,300*									150
155	56.4	305.1	95,600	136,300*									155
160	54.6	301.6	91,600	131,300*									160
165	52.8	297.8	87,900	125,200*	56.9	302.2	81,400	131,800*					165
170	50.9	293.8	84,300	119,100*	55.2	298.8	78,100	131,500*					170
175	49.0	289.5	81,000	113,400*	53.4	295.1	75,000	127,100*					175
180	47.0	284.8	77,800	108,100*	51.5	291.1	72,000	121,100*					180
185	45.0	279.9	74,900	103,200*	49.6	286.9	69,200	115,300*					185
190	42.9	274.5	72,100	98,600*	47.6	282.4	66,600	109,900*	51.9	287.1	61,200	119,000	190
195	40.6	268.8	69,400	94,300*	45.6	277.5	64,100	104,900*	50.0	283.0	58,900	115,200	195
200	38.3	262.6	66,900	90,300*	43.5	272.3	61,700	100,300*	48.1	278.5	56,600	111,300*	200
205	35.9	255.8	64,500	86,500*	41.3	266.7	59,400	95,900*	46.1	273.7	54,500	106,200*	205
210	33.2	248.3	62,100	82,900*	39.0	260.6	57,300	91,800*	44.0	268.6	52,500	101,500*	210
215	30.4	240.0	59,900	79,600*	36.6	254.0	55,200	87,900*	41.8	263.1	50,500	97,100*	215
220	27.3	230.6	57,800	76,300*	34.1	246.7	53,200	84,300*	39.6	257.1	48,700	92,900*	220
225	23.9	219.9	55,800	73,300*	31.3	238.7	51,300	80,900*	37.2	250.6	46,900	89,100*	225
230	19.8	206.9	53,800	70,300*	28.3	229.7	49,500	77,600*	34.6	243.5	45,200	85,400*	230
235	14.7	190.0	51,900	67,400*	25.0	219.4	47,800	74,500*	31.9	235.7	43,600	81,900*	235
240	5.9	160.4	49,800	60,500*	21.1	207.2	46,000	71,500*	29.0	226.9	42,000	78,600*	240
245					16.4	191.8	44,400	68,600*	25.8	217.0	40,500	75,500*	245
250					9.6	168.8	42,700	65,700*	22.1	205.3	39,000	72,500*	250
255									17.6	190.8	37,600	69,600*	255
260									11.5	170.4	36,100	66,700*	260

Liftcrane Luffing Jib Capacities

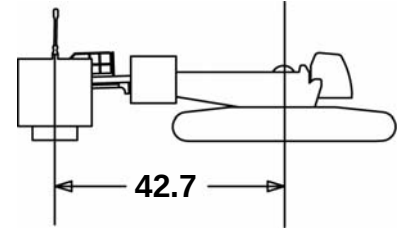
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



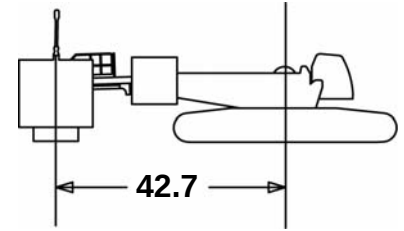
16000 MAX-ER

137.8 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	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	
140	60.8	333.2	115,600	132,900*	140
145	59.3	330.2	110,400	132,600*	145
150	57.7	327.1	105,500	125,900*	150
155	56.1	323.8	100,900	119,800*	155
160	54.5	320.2	96,700	114,100*	160
165	52.8	316.4	92,700	108,900*	165
170	51.1	312.4	89,000	104,000*	170
175	49.4	308.2	85,400	99,300*	175
180	47.6	303.6	82,100	94,900*	180
185	45.8	298.8	79,000	90,700*	185
190	43.9	293.7	76,000	86,900*	190
195	41.9	288.2	73,200	83,200*	195
200	39.9	282.2	70,500	79,800*	200
205	37.7	275.9	68,000	76,500*	205
210	35.5	269.0	65,500	73,500*	210
215	33.1	261.4	63,200	70,500*	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
140													140
145	62.9	334.1	102,700	121,200*									145
150	61.4	331.4	98,100	121,200*									150
155	59.8	328.5	93,800	121,200*									155
160	58.3	325.4	89,800	121,200*									160
165	56.7	322.1	86,000	121,200*									165
170	55.1	318.6	82,500	116,500*									170
175	53.4	315.0	79,200	111,100*	57.2	319.2	73,000	110,800*					175
180	51.8	311.0	76,000	106,100*	55.6	315.8	70,100	110,800*					180
185	50.0	306.9	73,100	101,300*	53.9	312.2	67,300	110,800*					185
190	48.3	302.4	70,300	96,700*	52.3	308.3	64,700	107,900*					190
195	46.5	297.7	67,600	92,500*	50.6	304.2	62,200	102,900*					195
200	44.6	292.7	65,100	88,500*	48.8	299.9	59,800	98,300*	52.7	304.3	54,600	101,500*	200
205	42.6	287.3	62,700	84,800*	47.0	295.3	57,600	94,000*	51.0	300.3	52,500	101,500*	205
210	40.6	281.5	60,400	81,300*	45.2	290.3	55,400	89,900*	49.2	296.0	50,500	99,500*	210
215	38.5	275.4	58,300	78,000*	43.2	285.1	53,400	86,200*	47.4	291.5	48,600	95,100*	215
220	36.3	268.6	56,200	74,900*	41.2	279.4	51,400	82,600*	45.6	286.6	46,800	91,000*	220
225	34.0	261.4	54,200	71,900*	39.2	273.4	49,600	79,200*	43.7	281.4	45,000	87,200*	225
230	31.5	253.4	52,300	69,100*	37.0	266.8	47,800	76,100*	41.7	275.9	43,300	83,600*	230
235	28.8	244.5	50,400	66,400*	34.7	259.7	46,100	73,000*	39.6	269.9	41,700	80,200*	235
240	25.8	234.5	48,700	63,800*	32.2	251.9	44,400	70,200*	37.5	263.5	40,200	77,000*	240
245	22.5	223.0	47,000	61,300*	29.6	243.4	42,800	67,500*	35.2	256.5	38,700	74,000*	245
250	18.6	209.1	45,300	59,000*	26.7	233.8	41,300	64,900*	32.8	248.9	37,300	71,100*	250
255	13.6	191.0	43,600	56,600*	23.5	222.8	39,800	62,400*	30.2	240.5	35,900	68,300*	255
260	4.5	157.1	41,900	49,800*	19.9	209.7	38,300	60,000*	27.4	231.1	34,600	65,700*	260
265					15.3	193.3	36,900	57,600*	24.3	220.5	33,300	63,200*	265
270					8.5	168.0	35,400	55,100*	20.7	208.0	32,000	60,800*	270
275									16.4	192.5	30,700	58,400*	275
280									10.4	170.4	29,500	56,000*	280

Liftcrane Luffing Jib Capacities

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

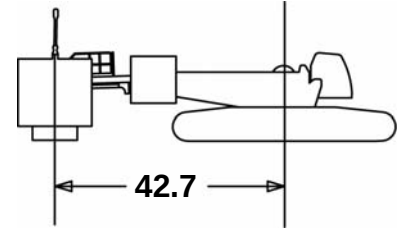
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



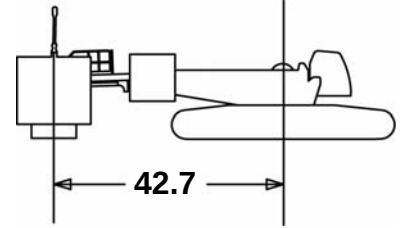
16000 MAX-ER

137.8 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	57.9	344.1	95,100	108,900*	160
165	56.4	340.8	91,100	107,700*	165
170	54.9	337.3	87,400	102,900*	170
175	53.4	333.6	83,900	98,300*	175
180	51.9	329.7	80,600	94,100*	180
185	50.3	325.5	77,400	90,200*	185
190	48.7	321.2	74,500	86,300*	190
195	47.0	316.6	71,700	82,600*	195
200	45.3	311.7	69,000	79,100*	200
205	43.6	306.5	66,500	75,800*	205
210	41.8	300.9	64,100	72,700*	210
215	39.9	295.0	61,800	69,800*	215
220	37.9	288.7	59,600	67,000*	220
225	35.9	281.9	57,500	64,400*	225
230	33.7	274.5	55,500	61,800*	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
160	61.2	348.3	88,000	101,300*									160
165	59.8	345.4	84,300	101,300*									165
170	58.4	342.4	80,800	101,300*									170
175	56.9	339.1	77,400	101,300*									175
180	55.5	335.7	74,300	101,300*									180
185	54.0	332.0	71,400	100,200*	57.4	336.2	65,400	92,300*					185
190	52.4	328.2	68,600	95,900*	55.9	332.8	62,800	92,300*					190
195	50.9	324.2	66,000	91,900*	54.4	329.3	60,300	92,300*					195
200	49.3	319.9	63,500	87,900*	52.9	325.5	58,000	92,300*					200
205	47.6	315.4	61,100	84,100*	51.4	321.5	55,800	92,300*					205
210	46.0	310.6	58,800	80,600*	49.8	317.3	53,600	89,300*					210
215	44.2	305.5	56,700	77,300*	48.1	312.9	51,600	85,500*	51.7	317.5	46,700	85,200*	215
220	42.4	300.1	54,600	74,100*	46.5	308.2	49,700	81,900*	50.1	313.4	44,900	85,200*	220
225	40.6	294.3	52,600	71,100*	44.8	303.1	47,800	78,500*	48.5	309.0	43,100	85,200*	225
230	38.7	288.1	50,700	68,300*	43.0	297.8	46,100	75,300*	46.9	304.4	41,500	82,800*	230
235	36.7	281.5	48,900	65,600*	41.2	292.2	44,400	72,200*	45.2	299.4	39,900	79,400*	235
240	34.5	274.3	47,200	63,000*	39.3	286.1	42,700	69,400*	43.4	294.2	38,400	76,200*	240
245	32.3	266.6	45,500	60,600*	37.3	279.6	41,200	66,600*	41.6	288.6	36,900	73,100*	245
250	29.9	258.1	43,900	58,200*	35.2	272.7	39,700	64,000*	39.7	282.6	35,500	70,200*	250
255	27.3	248.7	42,400	56,000*	33.0	265.1	38,200	61,500*	37.7	276.3	34,200	67,400*	255
260	24.5	238.1	40,900	53,800*	30.6	256.8	36,800	59,200*	35.7	269.4	32,900	64,800*	260
265	21.3	225.9	39,400	51,700*	28.1	247.7	35,500	56,900*	33.5	262.0	31,600	62,300*	265
270	17.5	211.1	38,000	49,700*	25.4	237.5	34,200	54,700*	31.2	253.9	30,400	59,900*	270
275	12.6	191.7	36,500	47,600*	22.3	225.9	32,900	52,600*	28.7	245.0	29,200	57,600*	275
280	2.8	151.6	35,000	40,700*	18.7	212.0	31,600	50,600*	26.0	235.1	28,100	55,400*	280
285					14.3	194.5	30,400	48,500*	23.0	223.8	27,000	53,300*	285
290					7.5	166.8	29,100	46,400*	19.6	210.5	25,900	51,300*	290
295									15.4	194.0	24,800	49,300*	295
300									9.5	170.1	23,600	47,200*	300

Liftcrane Luffing Jib Capacities

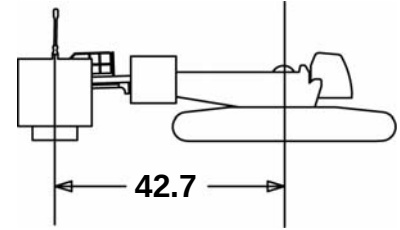
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



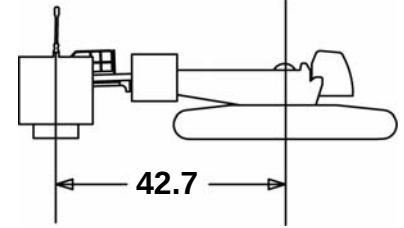
16000 MAX-ER

137.8 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	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	
180	55.3	354.3	79,200	89,900*	180
185	53.9	350.7	76,000	88,000*	185
190	52.5	346.9	73,100	84,400*	190
195	51.1	342.9	70,300	81,000*	195
200	49.6	338.6	67,600	77,500*	200
205	48.1	334.1	65,100	74,300*	205
210	46.6	329.5	62,700	71,200*	210
215	45.0	324.5	60,400	68,300*	215
220	43.3	319.2	58,200	65,600*	220
225	41.7	313.7	56,100	63,000*	225
230	39.9	307.7	54,200	60,500*	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
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 42.7 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	
180	58.5	359.3	72,800	85,000*									180
185	57.1	356.1	69,900	84,900*									185
190	55.8	352.7	67,100	84,800*									190
195	54.4	349.1	64,400	84,700*	57.5	353.2	58,700	77,300*					195
200	53.0	345.4	62,000	84,600*	56.2	349.8	56,400	77,300*					200
205	51.6	341.4	59,600	82,500*	54.8	346.3	54,200	77,300*					205
210	50.1	337.3	57,300	79,000*	53.4	342.6	52,000	77,300*					210
215	48.6	332.9	55,200	75,700*	52.0	338.7	50,000	77,300*					215
220	47.1	328.3	53,100	72,500*	50.6	334.7	48,100	77,300*					220
225	45.5	323.4	51,200	69,600*	49.1	330.4	46,300	76,800*	52.3	334.8	41,500	71,000*	225
230	43.9	318.3	49,300	66,800*	47.6	325.8	44,500	73,700*	50.9	330.7	39,800	71,000*	230
235	42.3	312.8	47,500	64,200*	46.0	321.0	42,800	70,700*	49.4	326.5	38,300	71,000*	235
240	40.6	307.0	45,800	61,600*	44.4	316.0	41,200	67,800*	47.9	322.0	36,800	71,000*	240
245	38.8	300.9	44,100	59,200*	42.8	310.6	39,700	65,200*	46.4	317.2	35,300	71,000*	245
250	37.0	294.3	42,500	57,000*	41.1	304.9	38,200	62,600*	44.8	312.2	33,900	68,600*	250
255	35.0	287.3	41,000	54,800*	39.3	298.9	36,800	60,200*	43.2	307.0	32,600	65,900*	255
260	33.0	279.7	39,500	52,700*	37.5	292.5	35,400	57,900*	41.5	301.3	31,300	63,400*	260
265	30.8	271.5	38,100	50,700*	35.6	285.6	34,100	55,700*	39.7	295.4	30,100	60,900*	265
270	28.5	262.5	36,700	48,800*	33.6	278.2	32,800	53,500*	37.9	289.0	28,900	58,600*	270
275	26.0	252.6	35,400	46,900*	31.5	270.2	31,500	51,500*	36.1	282.3	27,700	56,300*	275
280	23.3	241.4	34,100	45,100*	29.2	261.4	30,300	49,600*	34.1	275.0	26,600	54,200*	280
285	20.2	228.5	32,900	43,300*	26.8	251.8	29,200	47,700*	32.0	267.1	25,500	52,200*	285
290	16.5	212.9	31,600	41,600*	24.2	241.0	28,000	45,900*	29.8	258.6	24,500	50,200*	290
295	11.8	192.2	30,400	39,800*	21.2	228.7	26,900	44,100*	27.4	249.2	23,500	48,300*	295
300					17.7	214.1	25,800	42,300*	24.8	238.7	22,500	46,500*	300
305					13.4	195.4	24,800	40,600*	21.9	226.8	21,500	44,700*	305
310					6.5	165.1	23,600	38,800*	18.6	212.8	20,500	43,000*	310
315									14.5	195.3	19,600	41,300*	315
320									8.6	169.4	18,600	39,500*	320

Liftcrane Luffing Jib Capacities

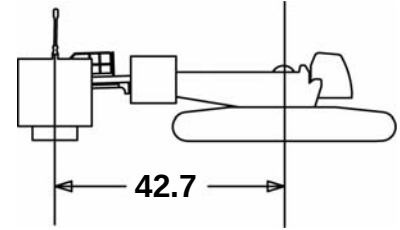
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



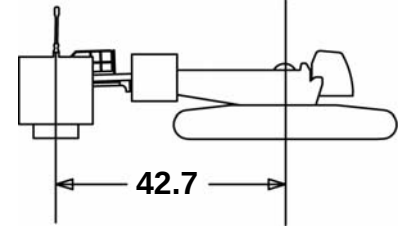
16000 MAX-ER

137.8 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	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	
200	53.0	364.0	65,900	73,400*	200
205	51.7	360.1	63,400	72,600*	205
210	50.3	356.0	61,000	69,700*	210
215	49.0	351.6	58,700	66,800*	215
220	47.6	347.1	56,500	64,100*	220
225	46.1	342.3	54,500	61,500*	225
230	44.7	337.3	52,500	59,000*	230
235	43.1	332.0	50,600	56,600*	235
240	41.6	326.4	48,800	54,400*	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
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 42.7 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	
200	56.0	369.7	60,100	70,300*									200
205	54.8	366.2	57,700	70,100*	57.7	370.2	52,100	64,600*					205
210	53.5	362.5	55,500	69,900*	56.4	366.9	50,000	64,600*					210
215	52.2	358.6	53,300	69,700*	55.2	363.4	48,000	64,600*					215
220	50.8	354.6	51,300	69,500*	53.9	359.7	46,100	64,600*					220
225	49.5	350.3	49,300	68,000*	52.6	355.9	44,300	64,600*					225
230	48.1	345.9	47,500	65,200*	51.2	351.9	42,600	64,600*					230
235	46.7	341.2	45,700	62,600*	49.9	347.7	40,900	64,600*	52.9	351.9	36,200	58,900*	235
240	45.2	336.2	44,000	60,100*	48.5	343.4	39,300	64,600*	51.5	348.0	34,700	58,900*	240
245	43.7	331.1	42,300	57,700*	47.1	338.7	37,800	63,600*	50.2	343.8	33,300	58,900*	245
250	42.1	325.6	40,800	55,400*	45.6	333.9	36,300	61,000*	48.8	339.5	31,900	58,900*	250
255	40.6	319.8	39,300	53,300*	44.1	328.7	34,900	58,600*	47.4	334.9	30,600	58,900*	255
260	38.9	313.7	37,800	51,200*	42.6	323.4	33,500	56,300*	46.0	330.1	29,300	58,900*	260
265	37.2	307.1	36,400	49,200*	41.0	317.7	32,200	54,100*	44.5	325.0	28,100	58,900*	265
270	35.4	300.2	35,100	47,300*	39.4	311.6	30,900	52,000*	43.0	319.7	26,900	57,000*	270
275	33.6	292.8	33,700	45,500*	37.7	305.2	29,700	50,000*	41.4	314.1	25,800	54,800*	275
280	31.6	284.8	32,500	43,700*	36.0	298.5	28,500	48,100*	39.8	308.1	24,700	52,700*	280
285	29.5	276.1	31,300	42,000*	34.1	291.2	27,400	46,300*	38.1	301.8	23,600	50,600*	285
290	27.3	266.7	30,100	40,400*	32.2	283.4	26,300	44,500*	36.4	295.1	22,600	48,700*	290
295	24.9	256.2	28,900	38,800*	30.2	274.9	25,200	42,700*	34.6	288.0	21,600	46,900*	295
300	22.2	244.5	27,800	37,200*	28.0	265.7	24,200	41,100*	32.7	280.3	20,600	45,100*	300
305	19.2	230.9	26,700	35,700*	25.7	255.6	23,200	39,500*	30.6	272.0	19,700	43,300*	305
310	15.7	214.4	25,600	34,200*	23.1	244.3	22,200	37,900*	28.5	263.0	18,800	41,700*	310
315	11.0	192.4	24,500	32,700*	20.2	231.3	21,200	36,400*	26.2	253.1	17,900	40,000*	315
320					16.8	215.9	20,300	34,900*	23.7	242.1	17,000	38,500*	320
325					12.6	196.1	19,300	33,400*	20.9	229.6	16,200	36,900*	325
330					5.5	162.7	18,300	31,600*	17.6	214.8	15,300	35,400*	330
335									13.6	196.3	14,500	34,000*	335
340									7.8	168.4	13,600	32,400*	340

Liftcrane Luffing Jib Capacities

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

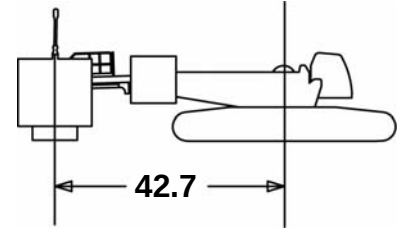
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



16000 MAX-ER

157.5 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	
70	66.0	235.7	282,100	368,900*b	70
75	61.8	233.0	259,900	356,500*b	75
80	57.5	229.9	240,700	345,100*b	80
85	53.0	226.2	223,900	324,300*	85
90	48.2	221.8	209,200	300,200*	90
95	42.9	216.5	196,000	277,700*	95
100	37.0	210.1	184,200	253,700*	100
105	30.1	202.0	173,500	232,900*	105
110	21.0	190.6	163,700	214,500*	110
115					115
120					120
125					125
130					130
135					135
140					140
145					145
150					150

Liftcrane Luffing Jib Capacities

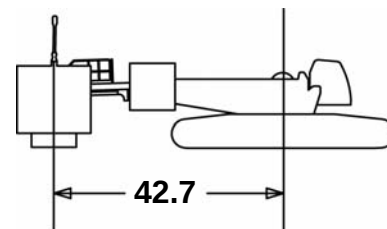
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70													70
75													75
80													80
85													85
90	60.6	228.9	196,600	306,700*b									90
95	56.2	225.6	184,300	290,200*b									95
100	51.6	221.6	173,300	274,800*									100
105	46.6	217.0	163,400	260,700*									105
110	41.2	211.5	154,400	247,900*	54.5	219.8	144,600	240,900*					110
115	35.0	204.6	146,100	236,200*	49.8	215.6	137,000	229,600*					115
120	27.6	195.8	138,500	225,400*	44.7	210.7	129,900	219,200*	52.4	212.4	115,200	203,600*	120
125	17.3	182.4	131,300	210,100*	39.0	204.7	123,500	209,600*	47.5	207.9	109,700	195,100*	125
130					32.5	197.2	117,500	200,700*	42.2	202.5	104,600	186,700	130
135					24.3	187.2	111,800	192,400*	36.2	196.0	99,800	178,700	135
140					10.9	169.4	106,300	184,000	29.0	187.6	95,200	171,300	140
145									19.5	175.4	90,900	164,300	145
150													150

Liftcrane Luffing Jib Capacities

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

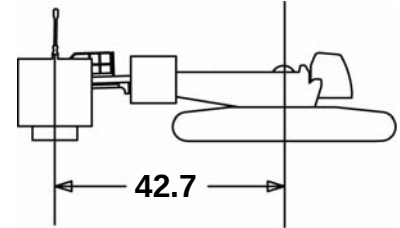
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



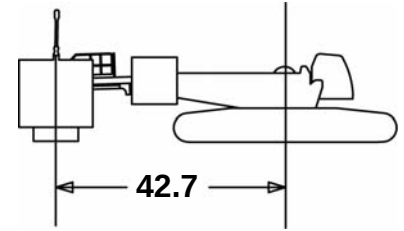
16000 MAX-ER

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.	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	
75	62.6	252.4	269,100	303,500*	67.9	255.0	259,400	329,400*b	75
80	59.2	249.4	249,200	279,000*	64.7	252.7	240,200	319,300*b	80
85	55.7	246.0	231,900	258,800*	61.4	250.0	223,500	309,800*	85
90	52.0	242.2	216,600	242,000*	57.9	246.9	208,700	300,900*	90
95	48.1	237.7	203,000	227,900*	54.4	243.3	195,700	283,500*	95
100	43.9	232.7	190,900	215,900*	50.6	239.3	184,000	259,400*	100
105	39.4	226.7	180,000	205,700*	46.6	234.6	173,500	238,700*	105
110	34.4	219.7	170,100	195,400*	42.4	229.3	164,000	220,800*	110
115	28.6	211.1	161,000	182,300*	37.7	223.0	155,300	205,000*	115
120					32.4	215.4	147,400	191,000*	120
125					26.2	206.0	140,000	178,400*	125
130					17.9	192.6	133,100	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75													75
80													80
85													85
90													90
95													95
100	60.3	245.8	172,400	273,700*									100
105	56.9	242.6	162,600	259,700*									105
110	53.3	238.9	153,700	246,900*									110
115	49.4	234.7	145,600	235,300*									115
120	45.4	229.8	138,200	224,700*	55.5	236.9	128,900	218,000*					120
125	41.0	224.2	131,400	214,900*	51.9	233.0	122,600	208,500*					125
130	36.2	217.6	125,100	201,300*	48.0	228.5	116,700	199,800*					130
135	30.7	209.6	119,200	187,700*	43.8	223.4	111,300	191,600*					135
140	24.0	199.2	113,700	175,500*	39.3	217.5	106,300	183,600	50.1	225.5	98,700	177,700	140
145	14.4	183.6	108,500	164,000*	34.2	210.4	101,600	176,100	46.1	220.7	94,300	170,400	145
150					28.4	201.7	97,100	169,000	41.8	215.3	90,300	163,600	150
155					21.0	190.0	92,900	162,400	37.1	208.9	86,500	157,300	155
160					8.1	168.4	88,600	156,000	31.7	201.1	82,800	151,400	160
165									25.3	191.3	79,400	145,800	165
170									16.5	177.1	76,000	140,500	170

Liftcrane Luffing Jib Capacities

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

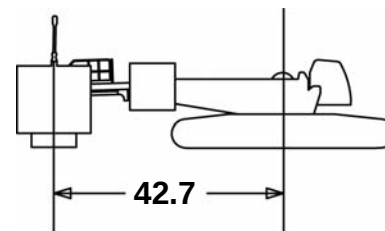
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



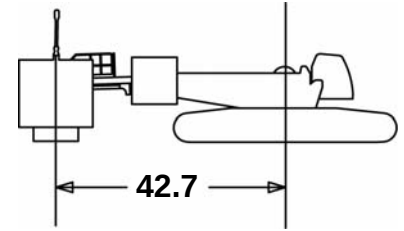
16000 MAX-ER

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	
80	64.8	272.0	248,300	279,500*	66.5	272.1	222,200	287,600*	80
85	62.0	269.3	230,900	264,500*	63.8	269.7	207,500	279,900*	85
90	59.2	266.4	215,700	245,400*	61.0	266.9	194,400	272,500*	90
95	56.3	263.1	202,100	229,300*	58.2	263.8	182,800	261,100*	95
100	53.3	259.4	190,000	215,700*	55.3	260.4	172,300	240,400*	100
105	50.2	255.2	179,200	204,000*	52.2	256.6	162,800	222,400*	105
110	46.9	250.6	169,300	193,900*	49.0	252.3	154,200	206,700*	110
115	43.4	245.4	160,400	184,400*	45.6	247.4	146,400	192,900*	115
120	39.6	239.5	152,200	172,900*	42.0	242.0	139,200	180,500*	120
125	35.5	232.7	144,700	162,500*	38.2	235.8	132,600	169,400*	125
130					33.9	228.6	126,400	159,400*	130
135					29.1	220.0	120,700	150,200*	135
140					23.4	209.3	115,300	141,700*	140
145					15.6	194.1	110,200	131,000*	145
150									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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80													80
85													85
90													90
95													95
100													100
105	63.0	265.6	160,900	257,900*									105
110	60.2	262.8	152,000	245,200*									110
115	57.3	259.6	144,000	233,700*									115
120	54.3	256.0	136,600	223,100*									120
125	51.2	252.1	129,900	213,300*									125
130	48.0	247.6	123,700	202,900*	56.2	253.9	114,900	198,000*					130
135	44.6	242.6	118,000	189,500*	53.2	250.2	109,500	189,900*					135
140	40.9	236.9	112,700	177,600*	50.1	246.0	104,600	182,100					140
145	36.9	230.5	107,700	166,800*	46.7	241.4	100,000	174,600					145
150	32.5	222.9	103,100	157,100*	43.2	236.2	95,700	167,700	51.8	242.8	88,300	161,900	150
155	27.5	213.8	98,700	148,200*	39.5	230.2	91,600	161,200	48.6	238.4	84,600	155,700	155
160	21.3	202.1	94,500	139,900*	35.4	223.4	87,900	155,100	45.2	233.6	81,100	149,800	160
165	12.3	184.1	90,500	130,700*	30.8	215.3	84,300	149,400	41.6	228.0	77,800	144,400	165
170					25.4	205.4	80,900	144,100	37.6	221.7	74,700	139,200	170
175					18.5	192.2	77,600	137,500*	33.3	214.4	71,700	134,400	175
180					5.5	165.9	74,100	125,900*	28.4	205.6	68,900	129,800	180
185									22.5	194.4	66,200	125,500	185
190									14.3	178.2	63,500	121,300	190

Liftcrane Luffing Jib Capacities

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

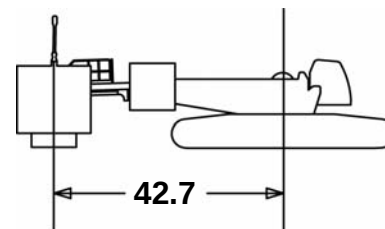
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



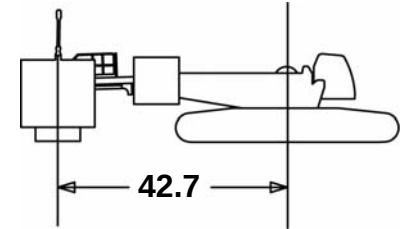
16000 MAX-ER

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	
90	64.0	289.0	214,900	246,000*	67.8	291.4	206,500	258,800*	90
95	61.7	286.3	201,300	235,900*	65.5	289.2	193,400	252,800*	95
100	59.3	283.3	189,200	220,200*	63.2	286.6	181,800	246,800*	100
105	56.8	280.1	178,400	206,800*	60.8	283.9	171,300	241,000*	105
110	54.2	276.5	168,600	195,400*	58.4	280.8	161,900	223,500*	110
115	51.6	272.6	159,600	185,400*	55.9	277.4	153,300	207,800*	115
120	48.8	268.2	151,500	173,900*	53.3	273.7	145,500	193,800*	120
125	46.0	263.5	144,100	163,600*	50.6	269.7	138,300	181,500*	125
130	42.9	258.2	137,200	154,200*	47.8	265.2	131,700	170,400*	130
135	39.7	252.3	130,900	145,700*	44.9	260.2	125,600	160,400*	135
140					41.8	254.7	120,000	151,400*	140
145					38.5	248.6	114,700	143,100*	145
150					34.9	241.6	109,800	135,600*	150
155					31.0	233.6	105,200	128,600*	155
160					26.5	224.0	100,900	122,100*	160
165					21.1	212.1	96,800	116,000*	165
170					13.8	195.1	92,800	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90													90
95													95
100													100
105													105
110													110
115	62.5	282.6	142,700	232,300*									115
120	60.1	279.7	135,400	221,800*									120
125	57.6	276.6	128,700	212,100*									125
130	55.1	273.1	122,500	203,100*									130
135	52.5	269.3	116,800	190,400*									135
140	49.8	265.1	111,500	178,400*	56.7	270.9	103,200	180,800					140
145	46.9	260.5	106,600	167,700*	54.1	267.3	98,600	173,400					145
150	44.0	255.4	102,100	158,100*	51.5	263.4	94,300	166,500					150
155	40.8	249.7	97,800	149,300*	48.7	259.0	90,400	160,000					155
160	37.5	243.3	93,800	141,300*	45.9	254.2	86,600	154,000	52.9	260.0	79,600	148,500	160
165	33.8	236.0	90,000	133,900*	42.8	248.9	83,100	148,400	50.3	255.9	76,400	143,100	165
170	29.7	227.6	86,400	127,100*	39.6	243.0	79,900	143,100	47.4	251.4	73,300	138,000	170
175	25.0	217.5	83,100	120,700*	36.1	236.3	76,700	138,100	44.5	246.3	70,400	133,200	175
180	19.2	204.5	79,800	114,700*	32.3	228.7	73,800	131,700*	41.4	240.8	67,700	128,700	180
185	10.5	184.1	76,600	106,800*	28.1	219.7	71,000	125,100*	38.1	234.5	65,100	124,400	185
190					23.0	208.7	68,200	118,900*	34.4	227.4	62,600	120,400	190
195					16.6	193.9	65,600	113,000*	30.5	219.2	60,300	116,600	195
200									25.9	209.4	58,000	112,900	200
205									20.3	197.1	55,800	109,400	205
210									12.5	178.8	53,600	106,100	210

Liftcrane Luffing Jib Capacities

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

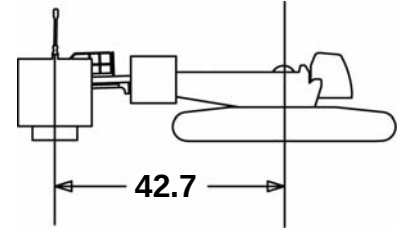
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 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	
95	65.5	308.4	200,100	223,400*	66.8	308.5	180,200	220,300*	95
100	63.5	306.0	188,000	217,000*	64.8	306.2	169,800	220,300*	100
105	61.4	303.2	177,100	208,100*	62.7	303.6	160,300	217,300*	105
110	59.3	300.3	167,300	197,900*	60.6	300.8	151,700	207,200*	110
115	57.1	297.1	158,400	185,000*	58.5	297.8	143,900	193,300*	115
120	54.9	293.6	150,200	173,500*	56.3	294.5	136,800	181,000*	120
125	52.6	289.8	142,800	163,200*	54.1	290.9	130,200	169,900*	125
130	50.3	285.7	136,000	153,800*	51.8	287.0	124,100	160,000*	130
135	47.8	281.2	129,700	145,400*	49.4	282.7	118,500	151,000*	135
140					46.9	278.1	113,300	142,800*	140
145					44.3	273.0	108,500	135,300*	145
150					41.6	267.5	103,900	128,400*	150
155					38.7	261.4	99,700	122,100*	155
160					35.7	254.6	95,700	116,200*	160
165					32.3	246.9	91,900	110,700*	165
170					28.6	238.0	88,400	105,600*	170
175					24.4	227.6	85,000	100,700*	175
180					19.3	214.5	81,700	96,100*	180
185					12.2	195.7	78,500	87,900*	185
190									190
195									195
200									200
205									205
210									210
215									215
220									220
225									225
230									230

Liftcrane Luffing Jib Capacities

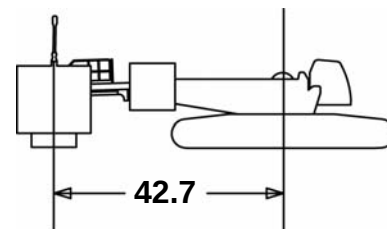
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95													95
100													100
105													105
110													110
115													115
120													120
125	62.1	299.5	126,800	201,300*									125
130	60.0	296.7	120,700	201,300*									130
135	57.9	293.5	115,000	189,800*									135
140	55.7	290.1	109,800	177,900*									140
145	53.4	286.5	104,900	167,200*									145
150	51.1	282.5	100,400	157,500*	57.1	287.9	92,400	164,800					150
155	48.7	278.1	96,100	148,800*	54.8	284.4	88,400	158,400					155
160	46.2	273.4	92,200	140,800*	52.5	280.6	84,700	152,400					160
165	43.5	268.1	88,500	133,500*	50.2	276.5	81,300	146,800					165
170	40.8	262.4	85,000	126,800*	47.7	272.0	78,000	141,500					170
175	37.8	256.1	81,700	120,600*	45.2	267.1	75,000	136,600	51.5	273.2	68,400	131,500	175
180	34.7	249.1	78,500	114,900*	42.5	261.7	72,100	131,300*	49.1	268.9	65,700	127,000	180
185	31.3	241.1	75,600	109,500*	39.7	255.8	69,300	124,800*	46.6	264.2	63,100	122,800	185
190	27.4	231.8	72,700	104,500*	36.7	249.2	66,700	118,800*	44.0	259.1	60,700	118,800	190
195	23.0	220.7	70,000	99,700*	33.5	241.8	64,200	113,200*	41.3	253.5	58,400	115,000	195
200	17.5	206.5	67,400	95,200*	29.9	233.4	61,900	108,000*	38.4	247.3	56,300	111,400	200
205	8.9	183.5	64,700	88,100*	25.9	223.6	59,600	103,100*	35.2	240.4	54,200	108,000	205
210					21.1	211.5	57,400	98,400*	31.9	232.6	52,200	104,800	210
215					15.0	195.3	55,200	93,900*	28.1	223.6	50,300	101,700	215
220									23.8	212.9	48,400	98,700	220
225									18.6	199.3	46,600	95,900	225
230									11.0	179.0	44,700	92,300*	230

Liftcrane Luffing Jib Capacities

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

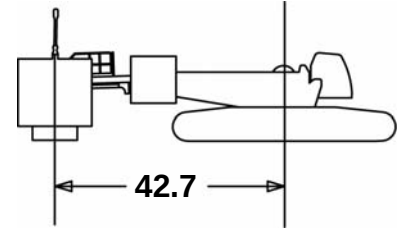
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 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	
115	61.2	320.2	157,300	176,800*	64.2	323.2	150,500	180,300*	115
120	59.3	317.2	149,100	169,800*	62.4	320.6	142,700	180,300*	120
125	57.4	314.0	141,700	162,800*	60.5	317.8	135,600	176,500*	125
130	55.4	310.6	134,900	153,700*	58.6	314.7	129,000	169,800*	130
135	53.4	306.9	128,600	145,200*	56.7	311.5	122,900	159,800*	135
140	51.4	303.0	122,700	137,400*	54.7	308.0	117,300	150,800*	140
145					52.7	304.2	112,100	142,600*	145
150					50.6	300.1	107,300	135,000*	150
155					48.4	295.7	102,800	128,200*	155
160					46.2	291.0	98,500	121,800*	160
165					43.9	285.8	94,600	116,000*	165
170					41.5	280.2	90,900	110,500*	170
175					38.9	274.1	87,300	105,500*	175
180					36.2	267.4	84,000	100,700*	180
185					33.3	260.0	80,900	96,300*	185
190					30.2	251.7	77,900	92,100*	190
195					26.7	242.1	75,000	88,200*	195
200					22.7	230.8	72,300	84,400*	200
205					17.8	216.6	69,700	80,800*	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

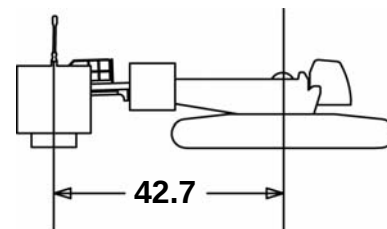
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115													115
120													120
125													125
130													130
135	61.8	316.5	113,600	165,600*									135
140	59.9	313.6	108,300	165,600*									140
145	58.0	310.5	103,500	165,600*									145
150	56.1	307.2	99,000	157,300*									150
155	54.1	303.6	94,800	148,500*									155
160	52.1	299.7	90,800	140,500*	57.3	304.9	83,200	150,100*					160
165	50.0	295.5	87,100	133,200*	55.4	301.5	79,700	145,400					165
170	47.8	291.0	83,600	126,500*	53.4	297.8	76,500	140,200					170
175	45.5	286.2	80,400	120,300*	51.3	293.8	73,500	135,300					175
180	43.2	280.9	77,300	114,600*	49.2	289.5	70,600	130,700					180
185	40.7	275.2	74,400	109,300*	47.0	284.9	67,900	124,500*	52.4	290.4	61,500	121,400	185
190	38.1	268.9	71,600	104,400*	44.7	279.9	65,300	118,500*	50.3	286.3	59,200	117,500	190
195	35.4	262.0	68,900	99,700*	42.3	274.4	62,900	112,900*	48.2	281.9	56,900	113,700	195
200	32.4	254.3	66,400	95,400*	39.8	268.5	60,500	107,800*	45.9	277.1	54,700	110,200	200
205	29.2	245.6	64,000	91,300*	37.1	262.0	58,300	102,900*	43.6	271.9	52,700	106,800	205
210	25.5	235.6	61,700	87,400*	34.3	254.9	56,200	98,400*	41.2	266.2	50,700	103,600	210
215	21.3	223.6	59,500	83,700*	31.2	246.8	54,200	94,200*	38.6	260.1	48,900	100,500	215
220	16.1	208.1	57,300	80,100*	27.9	237.7	52,200	90,200*	35.9	253.3	47,100	97,600	220
225	7.6	182.3	55,100	73,600*	24.1	227.1	50,400	86,400*	32.9	245.7	45,400	94,800	225
230					19.6	214.0	48,500	82,700*	29.7	237.3	43,700	92,100	230
235					13.6	196.2	46,700	79,200*	26.2	227.5	42,100	88,800*	235
240									22.1	215.9	40,600	85,000*	240
245									17.1	201.2	39,000	81,500*	245
250									9.6	178.7	37,500	77,900*	250

Liftcrane Luffing Jib Capacities

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

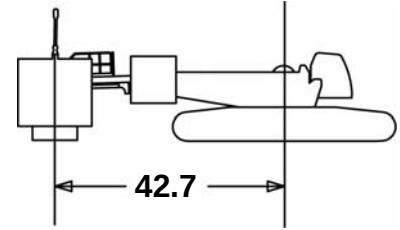
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



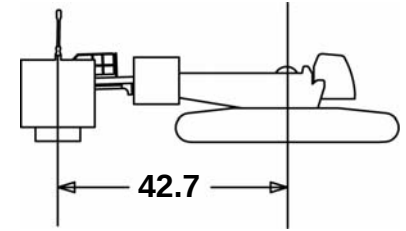
16000 MAX-ER

157.5 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	63.7	340.2	133,900	149,400*	125
130	62.1	337.6	127,300	149,400*	130
135	60.4	334.7	121,300	146,800*	135
140	58.7	331.7	115,700	141,700*	140
145	57.0	328.5	110,500	136,700*	145
150	55.2	325.0	105,700	131,700*	150
155	53.4	321.3	101,200	126,800*	155
160	51.5	317.4	97,000	120,700*	160
165	49.6	313.1	93,000	114,900*	165
170	47.7	308.6	89,300	109,500*	170
175	45.7	303.8	85,800	104,400*	175
180	43.6	298.6	82,500	99,700*	180
185	41.4	293.0	79,400	95,400*	185
190	39.1	286.9	76,500	91,300*	190
195	36.7	280.3	73,700	87,400*	195
200	34.1	273.0	71,000	83,700*	200
205	31.4	265.0	68,400	80,300*	205
210	28.4	256.1	66,000	77,000*	210
215	25.0	245.8	63,700	73,900*	215
220	21.2	233.6	61,400	70,900*	220
225	16.5	218.4	59,300	68,000*	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
125													125
130													130
135													135
140													140
145	61.6	333.5	101,600	136,500*									145
150	59.9	330.6	97,100	136,500*									150
155	58.2	327.5	92,900	136,500*									155
160	56.4	324.2	89,000	135,000*									160
165	54.7	320.7	85,300	130,400*									165
170	52.8	316.9	81,800	125,300*	57.5	321.9	74,500	122,900*					170
175	51.0	312.9	78,600	119,200*	55.8	318.5	71,500	122,900*					175
180	49.1	308.6	75,500	113,500*	54.0	314.9	68,600	122,900*					180
185	47.1	304.0	72,600	108,200*	52.2	311.0	65,900	122,900*					185
190	45.0	299.0	69,900	103,300*	50.3	306.9	63,400	117,300*					190
195	42.9	293.7	67,300	98,700*	48.3	302.5	61,000	111,800*					195
200	40.7	287.9	64,800	94,400*	46.3	297.7	58,700	106,600*	51.3	303.6	52,700	108,500	200
205	38.4	281.7	62,400	90,400*	44.2	292.6	56,500	101,800*	49.4	299.4	50,700	105,100	205
210	35.9	274.9	60,200	86,600*	42.1	287.2	54,400	97,400*	47.4	294.8	48,700	101,900	210
215	33.3	267.5	58,000	83,000*	39.8	281.3	52,400	93,200*	45.4	289.9	46,900	98,900	215
220	30.5	259.2	56,000	79,600*	37.5	274.8	50,500	89,200*	43.3	284.7	45,100	96,000	220
225	27.4	249.9	54,000	76,400*	35.0	267.8	48,700	85,500*	41.1	279.0	43,500	93,200	225
230	23.9	239.1	52,100	73,300*	32.3	260.1	47,000	82,000*	38.8	272.9	41,900	90,600	230
235	19.9	226.2	50,300	70,400*	29.4	251.4	45,300	78,700*	36.3	266.2	40,300	87,800*	235
240	14.8	209.4	48,400	67,500*	26.2	241.6	43,700	75,600*	33.8	258.8	38,800	84,200*	240
245	6.2	180.4	46,500	61,300*	22.5	230.2	42,100	72,500*	31.0	250.7	37,400	80,800*	245
250					18.2	216.2	40,500	69,600*	28.0	241.6	36,000	77,500*	250
255					12.4	196.9	39,000	66,700*	24.6	231.1	34,700	74,500*	255
260									20.7	218.6	33,300	71,500*	260
265									15.8	202.8	32,000	68,600*	265
270									8.4	177.9	30,700	65,700*	270

Liftcrane Luffing Jib Capacities

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

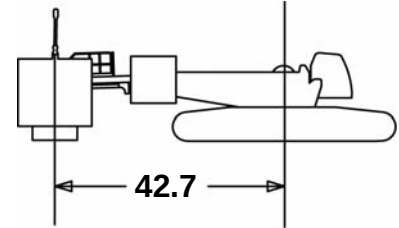
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



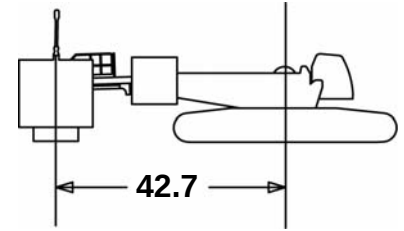
16000 MAX-ER

157.5 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	
145	60.3	351.7	108,800	124,900*	145
150	58.8	348.7	103,900	124,900*	150
155	57.2	345.5	99,400	123,100*	155
160	55.6	342.0	95,200	118,600*	160
165	54.0	338.4	91,300	113,000*	165
170	52.3	334.6	87,600	107,800*	170
175	50.6	330.5	84,100	103,000*	175
180	48.8	326.2	80,800	98,300*	180
185	47.0	321.5	77,700	94,000*	185
190	45.2	316.6	74,800	89,900*	190
195	43.3	311.4	72,000	86,100*	195
200	41.3	305.7	69,400	82,500*	200
205	39.2	299.7	66,800	79,100*	205
210	37.0	293.1	64,400	75,800*	210
215	34.7	286.0	62,200	72,800*	215
220	32.3	278.3	60,000	69,900*	220
225	29.7	269.7	57,900	67,200*	225
230	26.8	260.1	55,900	64,500*	230
235	23.6	249.2	53,900	62,000*	235
240	19.9	236.2	52,000	59,600*	240
245	15.4	219.8	50,200	57,100*	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
145													145
150	62.9	353.1	95,200	113,600*									150
155	61.4	350.4	91,000	113,600*									155
160	59.9	347.5	87,100	113,600*									160
165	58.3	344.5	83,400	113,600*									165
170	56.7	341.2	80,000	113,600*									170
175	55.1	337.7	76,700	113,600*									175
180	53.5	334.0	73,700	111,800*	57.7	338.9	66,600	103,700*					180
185	51.8	330.1	70,800	106,800*	56.1	335.5	63,900	103,700*					185
190	50.1	326.0	68,000	101,900*	54.5	332.0	61,400	103,700*					190
195	48.3	321.5	65,500	97,300*	52.9	328.2	59,000	103,700*					195
200	46.5	316.8	63,000	93,000*	51.2	324.2	56,700	103,700*					200
205	44.6	311.8	60,700	89,000*	49.4	319.9	54,600	100,400*					205
210	42.7	306.4	58,400	85,200*	47.6	315.4	52,500	95,900*	52.1	320.8	46,700	95,800*	210
215	40.7	300.7	56,300	81,700*	45.8	310.6	50,500	91,700*	50.4	316.7	44,900	95,800*	215
220	38.5	294.5	54,300	78,400*	43.9	305.4	48,600	87,800*	48.6	312.4	43,100	94,300	220
225	36.3	287.8	52,300	75,200*	41.9	299.9	46,800	84,200*	46.8	307.7	41,500	91,600	225
230	34.0	280.5	50,500	72,200*	39.9	294.0	45,100	80,700*	44.9	302.7	39,900	89,000	230
235	31.5	272.5	48,700	69,400*	37.7	287.6	43,500	77,500*	43.0	297.4	38,400	86,400*	235
240	28.8	263.7	47,000	66,700*	35.5	280.7	41,900	74,400*	41.0	291.7	36,900	82,800*	240
245	25.9	253.7	45,300	64,100*	33.1	273.2	40,400	71,400*	38.9	285.6	35,500	79,400*	245
250	22.6	242.2	43,700	61,600*	30.5	265.0	38,900	68,600*	36.7	279.0	34,100	76,300*	250
255	18.7	228.4	42,100	59,200*	27.8	255.7	37,500	66,000*	34.4	271.9	32,800	73,300*	255
260	13.7	210.4	40,600	56,800*	24.7	245.3	36,100	63,400*	32.0	264.0	31,600	70,400*	260
265	4.9	177.5	38,900	50,700*	21.2	233.1	34,700	61,000*	29.3	255.3	30,400	67,700*	265
270					17.0	218.0	33,400	58,600*	26.4	245.6	29,200	65,100*	270
275					11.3	197.2	32,100	56,200*	23.2	234.4	28,000	62,600*	275
280									19.4	221.1	26,900	60,200*	280
285									14.7	204.1	25,800	57,800*	285
290									7.3	176.6	24,600	55,300*	290

Liftcrane Luffing Jib Capacities

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

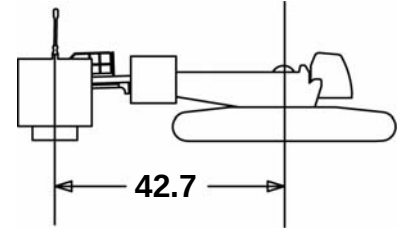
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



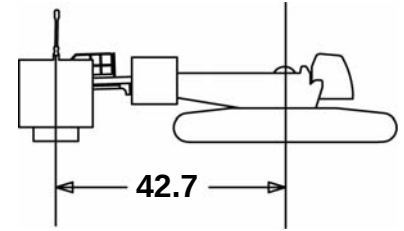
16000 MAX-ER

157.5 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	
160	58.8	365.6	93,600	104,200*	160
165	57.4	362.4	89,700	103,900*	165
170	55.9	359.1	86,000	103,600*	170
175	54.4	355.5	82,500	101,400*	175
180	52.9	351.7	79,200	97,000*	180
185	51.4	347.8	76,100	92,800*	185
190	49.8	343.6	73,200	88,900*	190
195	48.2	339.1	70,400	85,100*	195
200	46.5	334.4	67,800	81,500*	200
205	44.8	329.4	65,300	78,100*	205
210	43.0	324.1	62,900	74,800*	210
215	41.2	318.5	60,700	71,800*	215
220	39.3	312.4	58,500	68,900*	220
225	37.3	306.0	56,400	66,200*	225
230	35.2	299.0	54,400	63,500*	230
235	33.0	291.4	52,500	61,100*	235
240	30.7	283.2	50,700	58,700*	240
245	28.2	274.1	49,000	56,400*	245
250	25.4	263.9	47,300	54,200*	250
255	22.4	252.3	45,600	52,100*	255
260	18.8	238.5	44,000	50,000*	260
265	14.4	221.0	42,400	47,600*	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 42.7 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	
160	62.6	370.1	85,300	95,800*									160
165	61.2	367.4	81,600	95,800*									165
170	59.8	364.5	78,200	95,800*									170
175	58.4	361.4	74,900	95,800*									175
180	57.0	358.2	71,900	95,800*									180
185	55.5	354.8	69,000	95,800*									185
190	54.0	351.1	66,300	95,800*	57.9	355.8	59,500	87,100*					190
195	52.5	347.3	63,700	95,800*	56.4	352.5	57,100	87,100*					195
200	50.9	343.3	61,300	92,000*	54.9	349.0	54,800	87,100*					200
205	49.3	339.0	58,900	88,000*	53.4	345.3	52,700	87,100*					205
210	47.7	334.5	56,700	84,200*	51.9	341.4	50,600	87,100*					210
215	46.0	329.7	54,600	80,700*	50.3	337.3	48,700	87,100*					215
220	44.3	324.6	52,600	77,300*	48.7	332.9	46,800	86,800*	52.7	338.0	41,100	79,800*	220
225	42.5	319.2	50,700	74,200*	47.1	328.3	45,000	83,100*	51.2	334.0	39,500	79,800*	225
230	40.6	313.4	48,800	71,200*	45.4	323.4	43,300	79,600*	49.6	329.8	37,900	79,800*	230
235	38.7	307.3	47,100	68,300*	43.6	318.2	41,700	76,400*	48.0	325.3	36,400	79,800*	235
240	36.7	300.6	45,400	65,600*	41.8	312.7	40,100	73,300*	46.3	320.6	35,000	79,800*	240
245	34.6	293.5	43,800	63,100*	39.9	306.8	38,600	70,300*	44.6	315.5	33,600	78,300*	245
250	32.3	285.7	42,200	60,600*	38.0	300.4	37,200	67,500*	42.8	310.2	32,300	75,100*	250
255	30.0	277.3	40,700	58,300*	35.9	293.6	35,800	64,900*	41.0	304.5	31,000	72,100*	255
260	27.4	267.9	39,200	56,000*	33.8	286.3	34,500	62,400*	39.0	298.4	29,800	69,300*	260
265	24.5	257.3	37,800	53,800*	31.5	278.3	33,200	60,000*	37.0	291.9	28,600	66,500*	265
270	21.3	245.1	36,400	51,700*	29.0	269.5	31,900	57,700*	35.0	284.8	27,400	64,000*	270
275	17.6	230.5	35,100	49,700*	26.4	259.7	30,700	55,500*	32.7	277.2	26,300	61,500*	275
280	12.8	211.2	33,700	47,700*	23.4	248.6	29,500	53,300*	30.4	268.8	25,200	59,100*	280
285	3.4	172.8	32,300	41,500*	20.0	235.6	28,400	51,300*	27.8	259.6	24,200	56,900*	285
290					16.0	219.6	27,200	49,200*	25.0	249.3	23,200	54,700*	290
295					10.4	197.2	26,000	47,200*	21.9	237.4	22,200	52,600*	295
300									18.3	223.3	21,200	50,600*	300
305									13.7	205.1	20,200	48,600*	305
310									6.2	174.7	19,100	46,400*	310

Liftcrane Luffing Jib Capacities

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

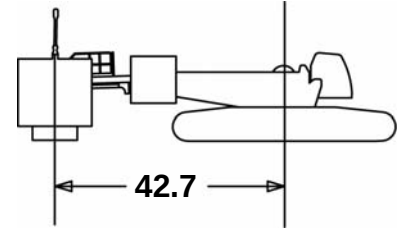
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



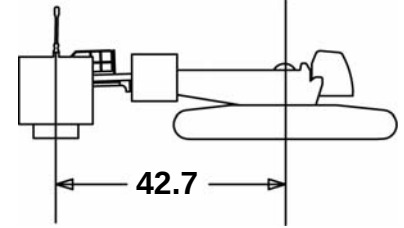
16000 MAX-ER

157.5 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	
180	56.2	376.1	77,800	86,700*	180
185	54.8	372.6	74,700	86,400*	185
190	53.5	368.9	71,800	86,100*	190
195	52.0	365.0	69,000	83,300*	195
200	50.6	360.9	66,400	79,900*	200
205	49.1	356.6	63,900	76,500*	205
210	47.6	352.1	61,500	73,300*	210
215	46.1	347.3	59,300	70,300*	215
220	44.5	342.2	57,100	67,400*	220
225	42.8	336.9	55,100	64,700*	225
230	41.1	331.2	53,100	62,200*	230
235	39.4	325.2	51,200	59,700*	235
240	37.6	318.8	49,400	57,400*	240
245	35.7	311.9	47,700	55,200*	245
250	33.7	304.5	46,000	53,100*	250
255	31.5	296.5	44,400	51,100*	255
260	29.3	287.8	42,800	49,100*	260
265	26.9	278.2	41,300	47,200*	265
270	24.2	267.4	39,900	45,400*	270
275	21.2	255.1	38,500	43,600*	275
280	17.8	240.6	37,100	41,900*	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
180	59.8	381.4	70,300	80,800*									180
185	58.5	378.4	67,400	80,800*									185
190	57.2	375.2	64,700	80,800*									190
195	55.8	371.8	62,100	80,800*									195
200	54.4	368.2	59,700	80,800*	58.0	372.8	53,100	73,200*					200
205	53.0	364.5	57,400	80,800*	56.7	369.5	51,000	73,200*					205
210	51.6	360.5	55,200	80,800*	55.3	366.1	49,000	73,200*					210
215	50.2	356.4	53,100	79,000*	53.9	362.4	47,000	73,200*					215
220	48.7	352.0	51,100	75,700*	52.5	358.6	45,200	73,200*					220
225	47.1	347.4	49,200	72,600*	51.1	354.6	43,400	73,200*					225
230	45.6	342.5	47,400	69,700*	49.6	350.4	41,700	73,200*					230
235	44.0	337.4	45,600	66,900*	48.1	345.9	40,100	73,200*	51.9	351.3	34,700	67,500*	235
240	42.3	331.9	43,900	64,200*	46.6	341.2	38,500	71,700*	50.4	347.1	33,300	67,500*	240
245	40.6	326.2	42,300	61,700*	45.0	336.2	37,100	68,800*	48.9	342.8	31,900	67,500*	245
250	38.8	320.0	40,800	59,300*	43.4	331.0	35,600	66,100*	47.4	338.2	30,600	67,500*	250
255	37.0	313.5	39,300	57,000*	41.7	325.4	34,300	63,500*	45.9	333.4	29,300	67,500*	255
260	35.1	306.4	37,900	54,800*	40.0	319.5	32,900	61,000*	44.3	328.3	28,100	67,500*	260
265	33.0	298.9	36,500	52,700*	38.2	313.2	31,700	58,700*	42.6	322.9	27,000	65,100*	265
270	30.9	290.7	35,100	50,700*	36.3	306.5	30,400	56,400*	40.9	317.2	25,800	62,500*	270
275	28.6	281.7	33,800	48,800*	34.3	299.3	29,200	54,300*	39.1	311.1	24,700	60,100*	275
280	26.1	271.8	32,600	46,900*	32.2	291.5	28,100	52,200*	37.3	304.7	23,700	57,800*	280
285	23.4	260.6	31,400	45,100*	30.0	283.0	27,000	50,200*	35.4	297.7	22,700	55,600*	285
290	20.3	247.8	30,200	43,300*	27.7	273.7	25,900	48,300*	33.4	290.3	21,700	53,500*	290
295	16.6	232.2	29,000	41,600*	25.1	263.4	24,800	46,500*	31.3	282.2	20,700	51,500*	295
300	11.9	211.7	27,800	39,900*	22.3	251.7	23,800	44,700*	29.0	273.4	19,800	49,600*	300
305					19.0	238.0	22,800	42,900*	26.5	263.6	18,900	47,700*	305
310					15.0	221.0	21,800	41,200*	23.8	252.7	18,000	45,900*	310
315					9.5	196.9	20,800	39,500*	20.8	240.2	17,100	44,100*	315
320									17.3	225.2	16,200	42,400*	320
325									12.8	205.9	15,400	40,700*	325
330									5.2	172.0	14,400	38,800*	330

Liftcrane Luffing Jib Capacities

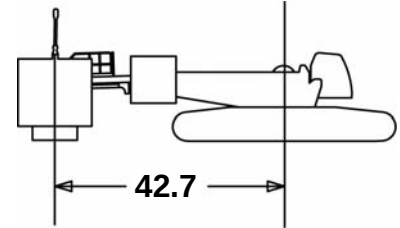
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



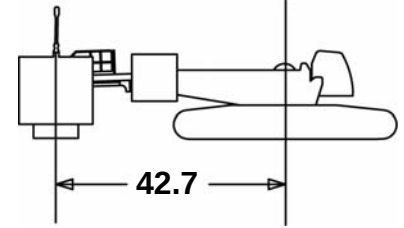
16000 MAX-ER

157.5 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	
205	52.6	382.2	62,100	70,900*	205
210	51.3	378.2	59,800	70,600*	210
215	49.9	374.0	57,500	68,700*	215
220	48.5	369.6	55,400	65,900*	220
225	47.1	365.0	53,300	63,200*	225
230	45.7	360.1	51,400	60,700*	230
235	44.2	355.0	49,500	58,200*	235
240	42.7	349.6	47,700	55,900*	240
245	41.1	344.0	46,000	53,700*	245
250	39.5	337.9	44,300	51,600*	250
255	37.8	331.6	42,700	49,600*	255
260	36.0	324.8	41,200	47,700*	260
265	34.2	317.5	39,700	45,800*	265
270	32.3	309.7	38,300	44,100*	270
275	30.2	301.3	36,900	42,300*	275
280	28.0	292.1	35,600	40,700*	280
285	25.7	282.0	34,300	39,000*	285
290	23.1	270.7	33,000	37,500*	290
295	20.3	257.8	31,800	35,900*	295
300	16.9	242.4	30,600	34,400*	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 42.7 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	
205	56.1	388.8	55,500	67,600*									205
210	54.8	385.3	53,300	67,500*									210
215	53.5	381.6	51,200	67,400*	56.9	386.5	45,000	61,600*					215
220	52.2	377.7	49,200	67,300*	55.6	383.1	43,100	61,600*					220
225	50.9	373.7	47,300	67,200*	54.3	379.5	41,400	61,600*					225
230	49.5	369.4	45,500	67,100*	53.0	375.8	39,700	61,600*					230
235	48.1	365.0	43,700	65,300*	51.7	371.8	38,100	61,600*					235
240	46.7	360.3	42,100	62,600*	50.4	367.7	36,600	61,600*					240
245	45.2	355.4	40,500	60,100*	49.0	363.4	35,100	61,600*	52.4	368.5	29,800	56,200*	245
250	43.7	350.2	38,900	57,800*	47.6	358.9	33,700	61,600*	51.1	364.4	28,500	56,200*	250
255	42.2	344.7	37,500	55,500*	46.1	354.1	32,300	61,600*	49.7	360.2	27,300	56,200*	255
260	40.6	338.9	36,100	53,300*	44.7	349.0	31,000	59,400*	48.3	355.8	26,100	56,200*	260
265	38.9	332.8	34,700	51,200*	43.2	343.8	29,700	57,100*	46.9	351.1	24,900	56,200*	265
270	37.2	326.3	33,400	49,300*	41.6	338.2	28,500	54,900*	45.5	346.3	23,800	56,200*	270
275	35.5	319.4	32,100	47,400*	40.0	332.3	27,400	52,700*	44.0	341.1	22,700	56,200*	275
280	33.6	311.9	30,900	45,500*	38.3	326.0	26,200	50,700*	42.4	335.7	21,700	56,200*	280
285	31.6	304.0	29,700	43,800*	36.6	319.4	25,100	48,800*	40.9	330.0	20,700	54,100*	285
290	29.6	295.3	28,500	42,100*	34.8	312.3	24,100	46,900*	39.2	323.9	19,700	52,000*	290
295	27.4	285.9	27,400	40,400*	32.9	304.6	23,000	45,100*	37.5	317.5	18,800	50,000*	295
300	24.9	275.5	26,300	38,800*	30.9	296.4	22,100	43,300*	35.8	310.6	17,800	48,100*	300
305	22.3	263.7	25,300	37,200*	28.8	287.5	21,100	41,700*	33.9	303.3	17,000	46,200*	305
310	19.3	250.2	24,200	35,700*	26.5	277.7	20,100	40,000*	32.0	295.4	16,100	44,500*	310
315	15.7	233.8	23,200	34,200*	24.0	266.9	19,200	38,400*	29.9	286.9	15,300	42,800*	315
320	11.1	211.9	22,200	32,700*	21.2	254.6	18,300	36,900*	27.7	277.6	14,500	41,100*	320
325					18.1	240.1	17,400	35,400*	25.4	267.4	13,700	39,500*	325
330					14.2	222.2	16,500	33,900*	22.8	255.9	12,900	38,000*	330
335					8.7	196.2	15,600	32,400*	19.8	242.7	12,100	36,400*	335
340									16.4	227.0	11,300	34,900*	340
345									12.0	206.4	10,600	33,500*	345
350									4.0	168.2	9,700	31,800*	350

Liftcrane Luffing Jib Capacities

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

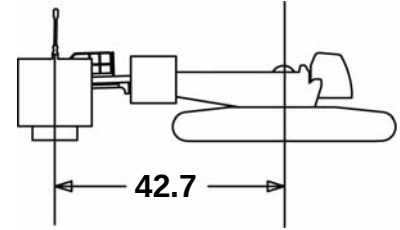
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



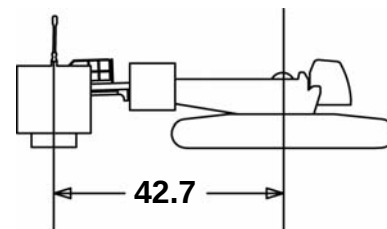
16000 MAX-ER

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.	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	
70	61.2	253.5	291,000	325,100*b					70
75	56.8	250.2	268,000	298,700*b	64.7	254.3	257,100	349,600*b	75
80	52.2	246.4	248,200	277,000*	60.5	251.5	238,100	332,900*b	80
85	47.3	241.9	230,900	259,300*	56.1	248.1	221,500	317,000*b	85
90	42.0	236.5	215,600	244,700*	51.5	244.2	206,900	301,900*	90
95	36.0	229.9	201,900	233,000*	46.5	239.6	193,900	285,500*	95
100	28.8	221.4	189,700	224,200*	41.1	234.0	182,200	268,600*	100
105	19.1	209.0	178,400	202,700*	34.9	227.2	171,700	246,800*	105
110					27.5	218.3	162,100	226,900*	110
115					17.1	204.9	153,100	202,200*	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 42.7 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	
70													70
75													75
80													80
85													85
90													90
95	60.6	247.9	180,100	286,300*b									95
100	56.3	244.6	169,300	271,200*b									100
105	51.7	240.7	159,700	257,300*									105
110	46.7	236.1	150,900	244,600*									110
115	41.3	230.6	142,800	233,100*	56.1	239.6	132,000	225,300*b					115
120	35.2	223.8	135,500	222,500*	51.5	235.6	125,200	215,100*					120
125	27.8	215.0	128,600	212,700*	46.5	231.0	119,000	205,800*					125
130	17.5	201.8	122,100	203,600*	41.0	225.4	113,300	197,100*					130
135					34.9	218.5	107,900	189,000*	50.8	228.8	99,100	182,300	135
140					27.4	209.6	102,900	181,100	45.8	224.1	94,600	174,600	140
145					16.9	196.1	98,000	173,400	40.2	218.3	90,400	167,400	145
150									33.9	211.2	86,400	160,600	150
155									26.2	201.9	82,600	154,300	155
160									14.8	187.1	78,800	148,300	160

Liftcrane Luffing Jib Capacities

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

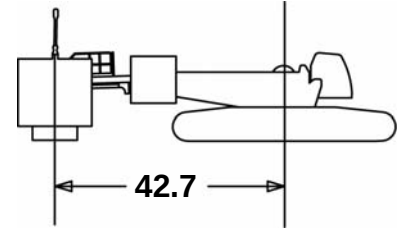
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 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	
75	64.1	273.2	267,900	304,500*b					75
80	60.8	270.4	248,000	279,800*	66.9	273.7	237,500	317,800*b	80
85	57.4	267.2	230,700	259,600*	63.6	271.2	220,900	304,700*b	85
90	53.8	263.6	215,500	242,800*	60.3	268.4	206,300	291,900*	90
95	50.0	259.5	202,000	228,600*	56.8	265.2	193,400	279,600*	95
100	46.0	254.7	189,900	216,600*	53.2	261.5	181,800	267,800*	100
105	41.7	249.2	179,000	206,500*	49.4	257.2	171,400	252,500*	105
110	36.9	242.8	169,200	198,100*	45.3	252.4	162,000	232,800*	110
115	31.5	235.0	160,200	188,400*	41.0	246.8	153,400	215,600*	115
120	25.1	225.1	151,900	176,000*	36.1	240.1	145,600	200,400*	120
125					30.6	232.1	138,400	186,900*	125
130					23.9	221.7	131,600	174,600*	130
135					14.3	205.9	125,200	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

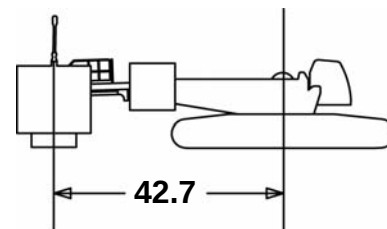
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 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	
75													75
80													80
85													85
90													90
95													95
100													100
105	60.4	264.9	158,700	256,100*									105
110	56.9	261.7	149,900	243,500*									110
115	53.3	258.0	142,000	232,100*									115
120	49.5	253.8	134,800	221,600*									120
125	45.5	248.9	128,200	211,900*	56.8	256.6	117,800	204,500*					125
130	41.1	243.3	122,000	203,000*	53.2	252.9	112,200	195,900*					130
135	36.3	236.7	116,300	194,700*	49.4	248.6	107,000	188,000*					135
140	30.8	228.8	111,000	187,000*	45.3	243.8	102,200	180,200					140
145	24.1	218.5	106,000	175,700*	40.9	238.1	97,600	172,800	52.6	246.1	89,100	166,200	145
150	14.7	203.0	101,200	163,500*	36.1	231.5	93,400	165,900	48.8	241.8	85,300	159,600	150
155					30.5	223.4	89,400	159,500	44.7	236.8	81,700	153,400	155
160					23.8	213.0	85,600	153,400	40.3	231.1	78,200	147,700	160
165					14.1	197.1	81,900	147,700	35.3	224.3	75,000	142,300	165
170									29.7	215.9	72,000	137,200	170
175									22.7	205.1	69,000	132,300	175
180									12.1	187.5	66,000	127,700	180

Liftcrane Luffing Jib Capacities

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

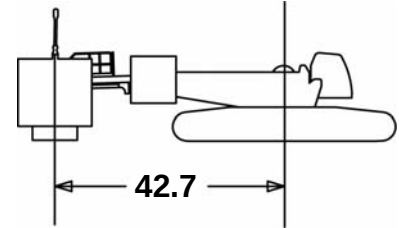
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



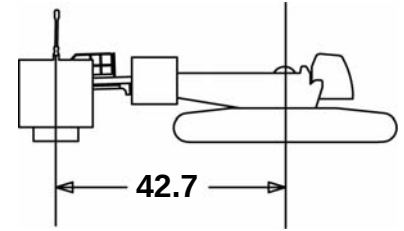
16000 MAX-ER

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.	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	66.1	292.7	247,000	278,100*					80
85	63.4	290.2	229,700	264,500*					85
90	60.6	287.4	214,400	245,400*	65.7	290.8	204,900	278,200*	90
95	57.7	284.2	200,900	229,400*	62.9	288.2	192,000	268,000*	95
100	54.8	280.7	188,900	215,800*	60.2	285.4	180,400	257,900*	100
105	51.7	276.8	178,100	204,200*	57.3	282.2	170,100	248,200*	105
110	48.5	272.4	168,300	194,200*	54.3	278.6	160,700	234,400*	110
115	45.1	267.5	159,400	185,600*	51.2	274.6	152,200	217,200*	115
120	41.4	262.0	151,300	178,300*	47.9	270.2	144,500	202,200*	120
125	37.5	255.6	143,800	167,400*	44.5	265.2	137,400	188,800*	125
130	33.2	248.2	136,900	157,500*	40.9	259.5	130,800	176,900*	130
135	28.3	239.4	130,600	148,400*	36.9	253.0	124,700	166,100*	135
140	22.3	228.2	124,600	140,100*	32.5	245.4	119,100	156,400*	140
145					27.4	236.3	113,800	147,500*	145
150					21.2	224.6	108,800	139,200*	150
155					12.1	206.4	104,000	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115	60.2	281.8	140,300	230,300*									115
120	57.4	278.7	133,100	219,900*									120
125	54.4	275.1	126,500	210,300*									125
130	51.3	271.1	120,400	201,400*									130
135	48.1	266.7	114,900	193,200*	57.2	273.6	105,000	186,100*					135
140	44.6	261.7	109,700	185,600*	54.3	270.0	100,200	178,600					140
145	41.0	256.1	104,800	177,800*	51.2	266.0	95,800	171,200					145
150	37.0	249.6	100,300	167,000*	47.9	261.6	91,700	164,400					150
155	32.6	242.1	96,100	157,300*	44.5	256.6	87,800	158,000					155
160	27.6	233.0	92,100	148,300*	40.8	250.9	84,200	152,100	50.7	259.2	76,200	146,000	160
165	21.5	221.4	88,300	140,000*	36.8	244.4	80,700	146,500	47.4	254.7	73,100	140,600	165
170	12.5	203.6	84,500	130,100*	32.4	236.8	77,500	141,300	44.0	249.6	70,200	135,600	170
175					27.4	227.6	74,400	136,400	40.3	243.8	67,400	130,900	175
180					21.2	215.9	71,400	131,700	36.2	237.2	64,700	126,500	180
185					12.0	197.6	68,500	127,200	31.8	229.4	62,200	122,300	185
190									26.6	220.0	59,800	118,300	190
195									20.1	207.7	57,400	114,500	195
200									9.9	187.3	55,000	110,700	200

Liftcrane Luffing Jib Capacities

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

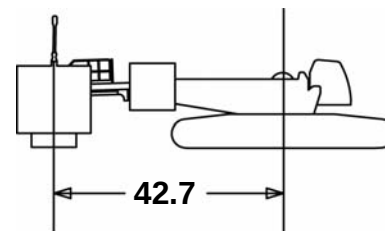
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



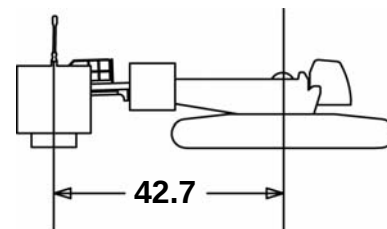
16000 MAX-ER

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	
90	65.1	309.7	213,600	243,500*					90
95	62.8	307.1	200,100	232,800*	67.1	310.1	190,900	252,100*	95
100	60.4	304.3	188,000	219,500*	64.8	307.8	179,400	246,300*	100
105	58.0	301.2	177,200	206,400*	62.4	305.2	169,000	238,300*	105
110	55.5	297.8	167,500	195,100*	60.1	302.3	159,700	230,300*	110
115	52.9	294.0	158,600	185,300*	57.6	299.2	151,200	218,300*	115
120	50.2	289.9	150,500	176,700*	55.1	295.7	143,400	203,200*	120
125	47.4	285.4	143,100	166,800*	52.5	291.9	136,400	189,800*	125
130	44.4	280.3	136,300	157,100*	49.7	287.7	129,800	177,800*	130
135	41.3	274.7	130,000	148,100*	46.9	283.1	123,800	167,100*	135
140	37.9	268.4	124,100	139,700*	43.9	278.0	118,300	157,500*	140
145	34.3	261.3	118,700	132,000*	40.8	272.3	113,100	148,700*	145
150					37.4	265.9	108,200	140,700*	150
155					33.7	258.6	103,700	133,300*	155
160					29.7	250.1	99,500	126,500*	160
165					24.9	240.0	95,400	120,100*	165
170					19.1	226.9	91,600	114,100*	170
175					10.3	206.3	87,800	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90													90
95													95
100													100
105													105
110													110
115													115
120	62.5	301.6	131,700	218,500*									120
125	60.1	298.8	125,200	208,900*									125
130	57.7	295.6	119,100	200,100*									130
135	55.1	292.2	113,600	191,900*									135
140	52.5	288.4	108,400	184,300*									140
145	49.8	284.2	103,600	177,100	57.6	290.6	94,300	169,900					145
150	47.0	279.6	99,200	167,900*	55.0	287.1	90,200	163,100					150
155	44.0	274.5	95,000	158,200*	52.4	283.3	86,400	156,800					155
160	40.9	268.8	91,100	149,400*	49.7	279.1	82,800	150,900					160
165	37.5	262.5	87,500	141,400*	46.9	274.5	79,400	145,400					165
170	33.9	255.2	84,000	134,000*	43.9	269.3	76,300	140,200	52.1	276.5	68,600	134,300	170
175	29.8	246.8	80,700	127,200*	40.7	263.6	73,300	135,300	49.3	272.3	65,900	129,600	175
180	25.1	236.7	77,600	120,800*	37.4	257.2	70,400	130,700	46.5	267.6	63,300	125,200	180
185	19.3	223.8	74,600	114,800*	33.7	249.9	67,700	126,400	43.5	262.4	60,900	121,100	185
190	10.7	203.7	71,600	106,300*	29.6	241.5	65,200	122,300	40.3	256.6	58,500	117,200	190
195					24.9	231.3	62,700	118,400	36.9	250.1	56,300	113,400	195
200					19.1	218.2	60,300	114,700	33.2	242.6	54,200	109,900	200
205					10.2	197.4	57,900	109,100*	29.0	234.0	52,200	106,500	205
210									24.2	223.5	50,200	103,300	210
215									18.1	209.8	48,300	100,200	215
220									8.1	186.3	46,200	97,200	220

Liftcrane Luffing Jib Capacities

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

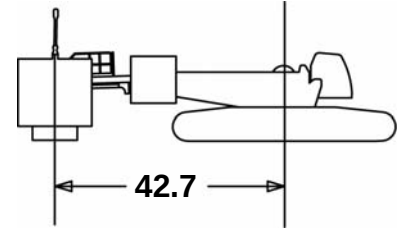
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	62.4	324.1	175,900	196,500*	66.2	327.2	167,400	210,200*	105
110	60.3	321.3	166,100	187,900*	64.1	324.8	158,000	210,200*	110
115	58.2	318.2	157,200	179,200*	62.1	322.1	149,600	210,200*	115
120	56.0	314.8	149,100	170,500*	60.0	319.3	141,800	202,700*	120
125	53.7	311.2	141,700	161,900*	57.8	316.1	134,800	189,300*	125
130	51.4	307.2	134,900	153,500*	55.6	312.7	128,300	177,300*	130
135	49.0	302.9	128,700	145,400*	53.4	309.0	122,300	166,700*	135
140	46.5	298.2	122,900	137,600*	51.0	305.0	116,700	157,000*	140
145					48.6	300.7	111,600	148,300*	145
150					46.1	295.9	106,800	140,300*	150
155					43.5	290.7	102,300	133,000*	155
160					40.7	285.0	98,100	126,300*	160
165					37.8	278.7	94,200	120,100*	165
170					34.6	271.6	90,500	114,400*	170
175					31.2	263.6	87,000	109,000*	175
180					27.4	254.3	83,600	104,000*	180
185					22.9	243.2	80,500	99,200*	185
190					17.4	228.9	77,400	94,400*	190
195					8.8	205.7	74,300	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

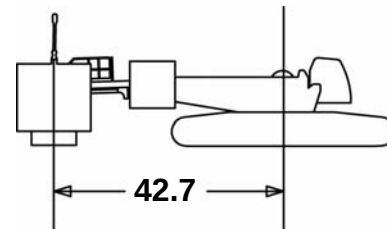
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105													105
110													110
115													115
120													120
125													125
130	62.1	318.6	117,200	192,200*									130
135	60.0	315.7	111,700	190,200*									135
140	57.9	312.6	106,600	182,600*									140
145	55.7	309.2	101,800	175,500									145
150	53.4	305.5	97,400	167,400*									150
155	51.1	301.5	93,300	157,700*	57.8	307.5	84,300	155,000					155
160	48.7	297.2	89,400	148,900*	55.6	304.1	80,700	149,100					160
165	46.2	292.5	85,800	141,000*	53.3	300.5	77,400	143,700					165
170	43.6	287.3	82,400	133,700*	51.0	296.4	74,300	138,500					170
175	40.8	281.6	79,100	127,000*	48.6	292.1	71,300	133,700					175
180	37.9	275.3	76,100	120,700*	46.1	287.3	68,600	129,100					180
185	34.7	268.2	73,200	115,000*	43.5	282.1	65,900	124,900	50.7	289.6	58,700	119,300	185
190	31.3	260.2	70,500	109,600*	40.7	276.4	63,400	120,800	48.3	285.2	56,500	115,400	190
195	27.5	251.0	67,900	104,600*	37.8	270.0	61,000	117,000	45.7	280.4	54,300	111,800	195
200	23.1	240.0	65,300	99,800*	34.6	263.0	58,800	113,300	43.1	275.1	52,200	108,300	200
205	17.6	225.8	62,900	95,300*	31.2	254.9	56,600	109,800*	40.3	269.3	50,300	105,000	205
210	9.2	203.2	60,400	87,600*	27.3	245.7	54,500	104,800*	37.3	262.9	48,400	101,800	210
215					22.9	234.5	52,500	100,000*	34.1	255.7	46,600	98,800	215
220					17.4	220.1	50,500	95,500*	30.7	247.5	44,900	95,900	220
225					8.6	196.7	48,500	90,900*	26.8	238.0	43,200	93,200	225
230									22.2	226.6	41,600	90,500	230
235									16.4	211.5	39,900	88,000	235
240									6.4	184.5	38,200	85,400	240

Liftcrane Luffing Jib Capacities

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

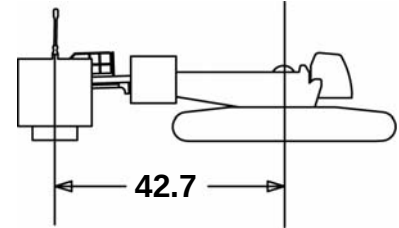
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



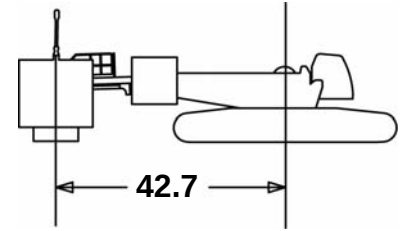
16000 MAX-ER

177.2 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	
115	65.4	344.3	148,300	173,100*	115
120	63.6	341.8	140,600	173,100*	120
125	61.8	339.1	133,500	173,100*	125
130	59.9	336.2	127,000	173,100*	130
135	58.0	333.1	121,000	166,600*	135
140	56.1	329.8	115,500	156,900*	140
145	54.1	326.2	110,300	148,100*	145
150	52.0	322.3	105,600	140,100*	150
155	49.9	318.1	101,100	132,800*	155
160	47.8	313.6	96,900	126,100*	160
165	45.5	308.7	93,000	119,900*	165
170	43.1	303.5	89,300	114,200*	170
175	40.7	297.7	85,900	108,900*	175
180	38.1	291.5	82,600	103,900*	180
185	35.3	284.6	79,500	99,300*	185
190	32.4	276.9	76,600	95,000*	190
195	29.1	268.2	73,800	90,900*	195
200	25.5	258.1	71,100	87,000*	200
205	21.3	246.1	68,500	83,300*	205
210	16.0	230.5	66,000	78,800*	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115													115
120													120
125													125
130													130
135													135
140	61.8	335.6	105,100	159,000*									140
145	60.0	332.7	100,300	159,000*									145
150	58.1	329.6	95,900	159,000*									150
155	56.1	326.3	91,800	157,500*									155
160	54.1	322.7	88,000	148,700*									160
165	52.1	318.8	84,300	140,700*									165
170	50.0	314.6	81,000	133,400*	56.1	321.2	72,700	137,100					170
175	47.8	310.1	77,800	126,700*	54.1	317.6	69,800	132,300					175
180	45.6	305.3	74,800	120,500*	52.0	313.7	67,000	127,800					180
185	43.2	300.0	71,900	114,700*	49.9	309.5	64,400	123,500					185
190	40.8	294.3	69,200	109,400*	47.7	305.0	61,900	119,500					190
195	38.2	288.1	66,700	104,500*	45.5	300.1	59,600	115,700	51.7	306.9	52,600	110,400	195
200	35.4	281.2	64,200	99,800*	43.1	294.9	57,300	112,100	49.6	302.7	50,600	106,900	200
205	32.5	273.5	61,900	95,500*	40.7	289.1	55,200	108,600	47.4	298.1	48,700	103,600	205
210	29.2	264.8	59,700	91,400*	38.1	282.8	53,200	104,600*	45.2	293.2	46,800	100,500	210
215	25.6	254.9	57,500	87,500*	35.3	275.9	51,300	100,000*	42.8	287.9	45,100	97,500	215
220	21.4	242.9	55,400	83,800*	32.3	268.2	49,400	95,600*	40.3	282.1	43,400	94,700	220
225	16.2	227.5	53,400	80,200*	29.1	259.5	47,600	91,500*	37.7	275.7	41,800	92,000	225
230	7.8	202.1	51,300	73,100*	25.5	249.4	45,900	87,700*	34.9	268.7	40,200	89,400	230
235					21.2	237.4	44,200	84,000*	31.9	260.9	38,700	86,900	235
240					15.9	221.7	42,600	80,400*	28.6	252.0	37,300	84,500	240
245					7.2	195.4	40,800	76,300*	24.9	241.7	35,900	82,200	245
250									20.6	229.3	34,500	80,000	250
255									15.0	212.9	33,100	77,800	255
260									4.7	181.4	31,600	75,600	260

Liftcrane Luffing Jib Capacities

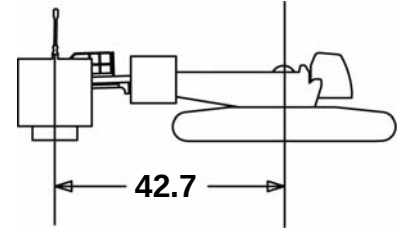
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



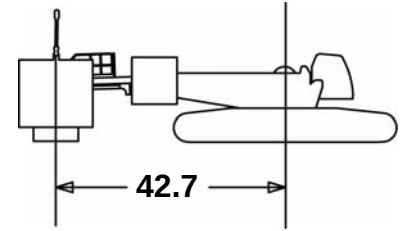
16000 MAX-ER

177.2 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	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	
130	63.2	358.8	125,300	144,200*	130
135	61.6	356.1	119,300	144,200*	135
140	59.9	353.2	113,800	144,200*	140
145	58.2	350.1	108,700	139,300*	145
150	56.4	346.8	103,900	134,500*	150
155	54.6	343.2	99,400	129,700*	155
160	52.8	339.5	95,300	125,000*	160
165	50.9	335.5	91,400	118,800*	165
170	49.0	331.1	87,700	113,100*	170
175	47.0	326.5	84,300	107,800*	175
180	45.0	321.6	81,000	102,900*	180
185	42.9	316.2	78,000	98,300*	185
190	40.7	310.5	75,100	94,000*	190
195	38.3	304.3	72,300	90,000*	195
200	35.9	297.5	69,700	86,200*	200
205	33.3	290.0	67,200	82,600*	205
210	30.4	281.7	64,800	79,200*	210
215	27.4	272.4	62,500	76,000*	215
220	23.9	261.6	60,300	72,900*	220
225	19.9	248.6	58,200	70,000*	225
230	14.7	231.8	56,100	65,700*	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
130													130
135													135
140													140
145													145
150	61.6	352.5	94,000	131,600*									150
155	59.9	349.6	89,900	131,600*									155
160	58.2	346.6	86,000	131,600*									160
165	56.5	343.3	82,500	131,600*									165
170	54.7	339.7	79,100	129,900*									170
175	52.9	336.0	75,900	125,500*									175
180	51.0	332.0	72,900	119,300*	56.4	338.2	64,900	119,600*					180
185	49.1	327.7	70,100	113,600*	54.6	334.6	62,300	119,600*					185
190	47.1	323.0	67,400	108,300*	52.8	330.9	59,900	117,800					190
195	45.1	318.1	64,900	103,400*	50.9	326.9	57,600	114,000					195
200	42.9	312.8	62,500	98,800*	49.0	322.5	55,400	110,400					200
205	40.7	307.1	60,200	94,500*	47.0	317.9	53,300	107,000	52.5	324.1	46,500	101,800	205
210	38.4	300.8	58,000	90,500*	45.0	313.0	51,300	103,500*	50.7	320.0	44,700	98,700	210
215	36.0	294.1	55,900	86,700*	42.8	307.6	49,400	98,900*	48.7	315.7	43,000	95,800	215
220	33.3	286.6	53,900	83,100*	40.6	301.9	47,600	94,600*	46.7	311.0	41,300	93,000	220
225	30.5	278.4	52,000	79,700*	38.3	295.6	45,800	90,600*	44.7	306.0	39,700	90,300	225
230	27.5	269.0	50,200	76,500*	35.8	288.8	44,100	86,800*	42.5	300.6	38,200	87,700	230
235	24.0	258.3	48,400	73,400*	33.2	281.4	42,500	83,200*	40.3	294.8	36,800	85,300	235
240	20.0	245.5	46,600	70,400*	30.4	273.0	41,000	79,900*	38.0	288.5	35,400	82,900	240
245	14.9	228.8	44,900	67,500*	27.3	263.7	39,500	76,600*	35.5	281.6	34,000	80,700	245
250	6.5	200.4	43,100	60,900*	23.9	252.9	38,000	73,600*	32.8	274.0	32,700	78,500	250
255					19.8	239.9	36,600	70,600*	30.0	265.6	31,500	76,400	255
260					14.7	223.0	35,200	67,700*	26.9	256.1	30,200	74,400	260
265					5.9	193.2	33,700	63,700*	23.3	245.0	29,000	72,500	265
270									19.2	231.6	27,900	70,500*	270
275									13.8	213.9	26,700	67,600*	275
280									2.4	175.2	25,300	64,300*	280

Liftcrane Luffing Jib Capacities

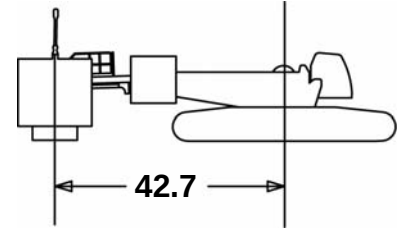
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



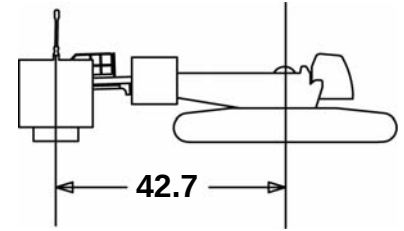
16000 MAX-ER

177.2 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	61.4	373.0	106,900	120,800*	145
150	59.8	370.1	102,100	120,800*	150
155	58.3	367.1	97,700	120,800*	155
160	56.7	363.8	93,500	120,800*	160
165	55.1	360.3	89,600	116,900*	165
170	53.5	356.6	86,000	111,400*	170
175	51.8	352.7	82,500	106,400*	175
180	50.0	348.5	79,300	101,500*	180
185	48.3	344.1	76,200	96,900*	185
190	46.5	339.4	73,300	92,700*	190
195	44.6	334.4	70,600	88,700*	195
200	42.6	329.0	68,000	84,900*	200
205	40.6	323.2	65,500	81,400*	205
210	38.5	317.0	63,200	78,000*	210
215	36.3	310.3	60,900	74,900*	215
220	34.0	303.0	58,700	71,900*	220
225	31.5	295.1	56,700	69,000*	225
230	28.8	286.2	54,700	66,300*	230
235	25.8	276.2	52,800	63,700*	235
240	22.5	264.7	50,900	61,200*	240
245	18.6	250.9	49,200	58,800*	245
250	13.6	232.8	47,400	54,700*	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
145													145
150													150
155	62.9	372.2	87,900	109,800*									155
160	61.4	369.5	84,100	109,800*									160
165	59.9	366.6	80,500	109,800*									165
170	58.3	363.5	77,200	109,800*									170
175	56.8	360.3	74,000	109,800*									175
180	55.1	356.8	71,000	109,800*									180
185	53.5	353.1	68,200	109,800*									185
190	51.8	349.2	65,500	106,900*	56.7	355.2	57,900	100,900*					190
195	50.1	345.0	63,000	101,900*	55.1	351.7	55,500	100,900*					195
200	48.3	340.6	60,600	97,400*	53.4	348.0	53,400	100,900*					200
205	46.5	335.9	58,300	93,100*	51.8	344.1	51,300	100,900*					205
210	44.6	330.9	56,200	89,100*	50.0	339.9	49,300	100,900*					210
215	42.7	325.5	54,100	85,300*	48.3	335.5	47,400	97,400*					215
220	40.7	319.8	52,100	81,800*	46.4	330.8	45,600	93,200*	51.5	337.3	39,200	91,300	220
225	38.6	313.6	50,300	78,400*	44.6	325.8	43,900	89,200*	49.8	333.1	37,700	88,600	225
230	36.4	306.9	48,400	75,300*	42.6	320.4	42,200	85,400*	48.0	328.7	36,200	86,000	230
235	34.0	299.7	46,700	72,300*	40.6	314.6	40,700	81,900*	46.2	323.9	34,700	83,600	235
240	31.6	291.7	45,000	69,400*	38.5	308.4	39,100	78,600*	44.3	318.8	33,300	81,300	240
245	28.9	282.9	43,400	66,700*	36.3	301.7	37,700	75,400*	42.3	313.4	32,000	79,000	245
250	25.9	272.9	41,900	64,100*	33.9	294.4	36,300	72,400*	40.3	307.6	30,800	76,900	250
255	22.6	261.5	40,400	61,600*	31.4	286.4	34,900	69,600*	38.2	301.3	29,500	74,800	255
260	18.8	247.7	38,900	59,200*	28.8	277.5	33,600	66,900*	36.0	294.5	28,300	72,800	260
265	13.8	229.9	37,400	56,800*	25.8	267.5	32,300	64,300*	33.6	287.1	27,200	70,900	265
270	5.2	197.7	35,900	50,400*	22.5	256.0	31,100	61,800*	31.1	279.0	26,100	69,100	270
275					18.6	242.2	29,900	59,400*	28.4	270.0	25,000	66,800*	275
280					13.6	224.0	28,600	57,000*	25.4	259.8	24,000	64,200*	280
285					4.4	189.9	27,300	52,900*	22.0	248.1	22,900	61,800*	285
290									18.0	233.7	21,900	59,400*	290
295									12.7	214.6	20,900	57,000*	295

Liftcrane Luffing Jib Capacities

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

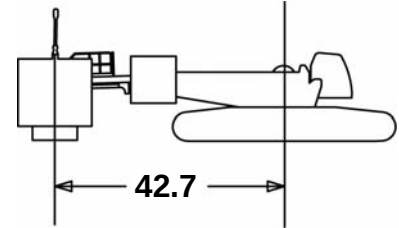
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



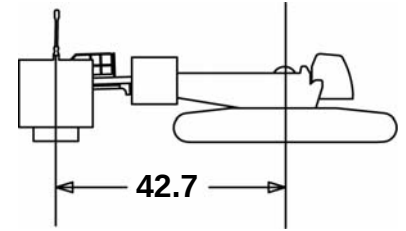
16000 MAX-ER

177.2 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	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	
165	58.4	384.0	88,000	101,500*	165
170	56.9	380.8	84,300	101,300*	170
175	55.5	377.4	80,900	101,100*	175
180	54.0	373.7	77,700	100,100*	180
185	52.4	369.9	74,600	95,700*	185
190	50.9	365.9	71,700	91,700*	190
195	49.3	361.6	69,000	87,700*	195
200	47.7	357.1	66,400	83,900*	200
205	46.0	352.3	63,900	80,400*	205
210	44.2	347.2	61,600	77,000*	210
215	42.5	341.8	59,400	73,900*	215
220	40.6	336.0	57,200	70,900*	220
225	38.7	329.8	55,200	68,000*	225
230	36.7	323.2	53,200	65,300*	230
235	34.5	316.0	51,400	62,700*	235
240	32.3	308.3	49,600	60,300*	240
245	29.9	299.8	47,800	57,900*	245
250	27.3	290.4	46,200	55,700*	250
255	24.5	279.8	44,600	53,500*	255
260	21.3	267.6	43,000	51,400*	260
265	17.5	252.9	41,500	49,400*	265
270	12.7	233.5	39,900	45,500*	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
165	62.6	389.2	78,600	92,800*									165
170	61.3	386.5	75,300	92,800*									170
175	59.9	383.6	72,100	92,800*									175
180	58.4	380.5	69,100	92,800*									180
185	57.0	377.3	66,300	92,800*									185
190	55.5	373.8	63,700	92,800*									190
195	54.0	370.2	61,200	92,800*									195
200	52.5	366.4	58,800	92,800*	56.9	372.2	51,400	84,800*					200
205	50.9	362.4	56,600	92,100*	55.5	368.7	49,300	84,800*					205
210	49.3	358.1	54,400	88,100*	54.0	365.1	47,300	84,800*					210
215	47.7	353.6	52,400	84,300*	52.4	361.3	45,500	84,800*					215
220	46.0	348.8	50,400	80,700*	50.9	357.3	43,700	84,800*					220
225	44.3	343.7	48,500	77,400*	49.3	353.0	42,000	84,800*					225
230	42.5	338.3	46,700	74,200*	47.6	348.5	40,300	84,300*	52.2	354.5	34,100	77,500*	230
235	40.7	332.5	45,000	71,200*	46.0	343.6	38,800	80,800*	50.6	350.5	32,700	77,500*	235
240	38.7	326.4	43,400	68,400*	44.2	338.5	37,300	77,500*	49.0	346.2	31,300	77,500*	240
245	36.7	319.8	41,800	65,700*	42.4	333.1	35,900	74,300*	47.4	341.6	30,000	77,400	245
250	34.6	312.6	40,300	63,100*	40.6	327.4	34,500	71,300*	45.7	336.7	28,800	75,300	250
255	32.4	304.9	38,800	60,600*	38.7	321.2	33,100	68,500*	44.0	331.6	27,600	73,200	255
260	30.0	296.5	37,400	58,300*	36.6	314.5	31,900	65,800*	42.2	326.1	26,400	71,300	260
265	27.4	287.1	36,000	56,000*	34.5	307.4	30,600	63,200*	40.3	320.3	25,300	69,400	265
270	24.6	276.5	34,700	53,900*	32.3	299.6	29,400	60,800*	38.4	314.1	24,200	67,600	270
275	21.4	264.4	33,400	51,800*	29.9	291.1	28,300	58,500*	36.4	307.4	23,200	65,700*	275
280	17.7	249.8	32,200	49,700*	27.3	281.7	27,200	56,200*	34.2	300.1	22,200	63,100*	280
285	12.9	230.6	30,900	47,700*	24.5	271.1	26,100	54,100*	32.0	292.3	21,200	60,700*	285
290	3.8	193.7	29,500	41,300*	21.3	258.9	25,000	52,000*	29.5	283.7	20,200	58,400*	290
295					17.5	244.2	23,900	49,900*	26.9	274.1	19,300	56,200*	295
300					12.6	224.7	22,900	47,900*	24.0	263.3	18,400	54,000*	300
305					2.7	184.1	21,600	43,500*	20.8	250.8	17,500	51,900*	305
310									16.9	235.6	16,600	49,900*	310
315									11.8	215.1	15,700	47,900*	315

Liftcrane Luffing Jib Capacities

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

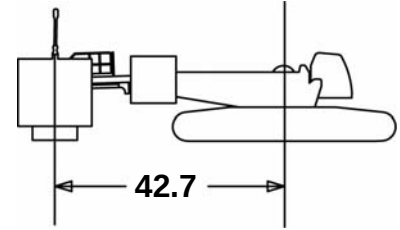
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



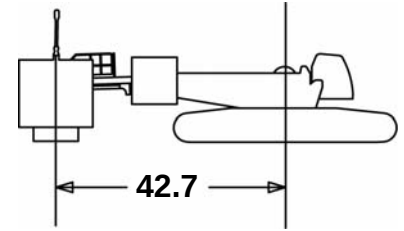
16000 MAX-ER

177.2 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	
180	57.1	397.8	76,200	85,000*	180
185	55.8	394.4	73,100	84,800*	185
190	54.4	390.8	70,300	84,500*	190
195	53.0	387.1	67,500	84,300*	195
200	51.6	383.1	64,900	82,300*	200
205	50.1	379.0	62,500	78,800*	205
210	48.6	374.6	60,200	75,500*	210
215	47.1	370.0	57,900	72,300*	215
220	45.6	365.1	55,800	69,400*	220
225	44.0	360.0	53,800	66,600*	225
230	42.3	354.5	51,800	63,900*	230
235	40.6	348.7	50,000	61,400*	235
240	38.8	342.6	48,200	59,000*	240
245	37.0	336.0	46,500	56,700*	245
250	35.0	329.0	44,800	54,500*	250
255	33.0	321.4	43,300	52,400*	255
260	30.8	313.2	41,700	50,400*	260
265	28.5	304.2	40,300	48,500*	265
270	26.1	294.3	38,800	46,600*	270
275	23.3	283.1	37,500	44,800*	275
280	20.2	270.2	36,100	43,100*	280
285	16.6	254.7	34,800	41,300*	285
290	11.8	234.0	33,500	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 42.7 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	
180	61.1	403.4	67,500	78,400*									180
185	59.8	400.5	64,700	78,400*									185
190	58.5	397.5	62,100	78,400*									190
195	57.2	394.2	59,600	78,400*									195
200	55.8	390.9	57,200	78,400*									200
205	54.5	387.3	55,000	78,400*									205
210	53.1	383.6	52,800	78,400*	57.1	389.2	45,600	71,300*					210
215	51.6	379.6	50,800	78,400*	55.8	385.8	43,800	71,300*					215
220	50.2	375.5	48,800	78,400*	54.4	382.2	42,000	71,300*					220
225	48.7	371.1	47,000	75,800*	53.0	378.5	40,300	71,300*					225
230	47.2	366.5	45,200	72,700*	51.6	374.5	38,700	71,300*					230
235	45.6	361.6	43,500	69,700*	50.1	370.4	37,100	71,300*					235
240	44.0	356.5	41,900	66,900*	48.6	366.0	35,700	71,300*	52.8	371.7	29,600	64,800*	240
245	42.3	351.1	40,300	64,300*	47.1	361.4	34,200	71,300*	51.4	367.7	28,300	64,800*	245
250	40.6	345.3	38,800	61,700*	45.5	356.5	32,900	69,800*	49.9	363.5	27,100	64,800*	250
255	38.9	339.2	37,400	59,300*	43.9	351.3	31,500	67,000*	48.4	359.1	25,900	64,800*	255
260	37.0	332.6	36,000	57,000*	42.3	345.9	30,300	64,400*	46.9	354.5	24,700	64,800*	260
265	35.1	325.6	34,600	54,900*	40.6	340.1	29,100	61,800*	45.3	349.6	23,600	64,800*	265
270	33.1	318.0	33,300	52,800*	38.8	334.0	27,900	59,500*	43.7	344.4	22,600	64,800*	270
275	30.9	309.9	32,100	50,800*	36.9	327.4	26,800	57,200*	42.0	338.9	21,500	64,200*	275
280	28.6	300.9	30,900	48,800*	35.0	320.4	25,700	55,000*	40.3	333.1	20,500	61,700*	280
285	26.1	291.0	29,700	47,000*	33.0	312.8	24,600	52,900*	38.5	326.9	19,600	59,300*	285
290	23.4	279.9	28,500	45,200*	30.8	304.6	23,600	50,900*	36.7	320.2	18,700	57,100*	290
295	20.3	267.0	27,400	43,400*	28.5	295.6	22,600	49,000*	34.7	313.1	17,800	54,900*	295
300	16.7	251.6	26,300	41,600*	26.0	285.6	21,600	47,100*	32.7	305.5	16,900	52,800*	300
305	12.0	231.2	25,200	39,900*	23.3	274.4	20,600	45,300*	30.5	297.1	16,000	50,900*	305
310	1.7	185.5	23,900	33,100*	20.2	261.5	19,700	43,600*	28.2	288.0	15,200	49,000*	310
315					16.5	245.9	18,800	41,800*	25.7	277.9	14,400	47,100*	315
320					11.7	225.2	17,800	40,100*	22.9	266.5	13,600	45,300*	320
325									19.7	253.3	12,800	43,500*	325
330									15.9	237.2	12,000	41,800*	330
335									10.9	215.3	11,200	40,100*	335

Liftcrane Luffing Jib Capacities

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

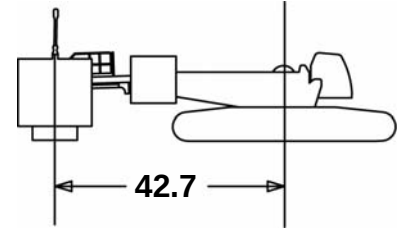
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



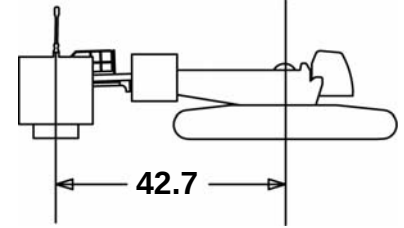
16000 MAX-ER

177.2 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	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	
205	53.5	404.2	60,700	69,900*	205
210	52.2	400.3	58,400	69,600*	210
215	50.8	396.3	56,200	69,300*	215
220	49.5	392.0	54,000	67,800*	220
225	48.1	387.6	52,000	65,000*	225
230	46.7	382.9	50,100	62,400*	230
235	45.2	377.9	48,200	59,900*	235
240	43.7	372.7	46,500	57,500*	240
245	42.2	367.3	44,800	55,200*	245
250	40.6	361.5	43,100	53,100*	250
255	38.9	355.4	41,600	51,000*	255
260	37.2	348.8	40,100	49,000*	260
265	35.4	341.9	38,600	47,100*	265
270	33.6	334.5	37,200	45,300*	270
275	31.6	326.5	35,900	43,500*	275
280	29.5	317.9	34,600	41,800*	280
285	27.3	308.4	33,300	40,100*	285
290	24.9	298.0	32,100	38,500*	290
295	22.3	286.2	30,900	37,000*	295
300	19.3	272.6	29,700	35,500*	300
305	15.7	256.2	28,500	34,000*	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
205	57.3	411.2	53,000	66,100*									205
210	56.1	407.9	50,900	66,100*									210
215	54.8	404.4	48,800	66,100*									215
220	53.5	400.7	46,900	66,100*	57.3	406.1	39,900	59,800*					220
225	52.2	396.8	45,000	66,000*	56.0	402.8	38,200	59,800*					225
230	50.9	392.8	43,300	65,900*	54.8	399.3	36,600	59,800*					230
235	49.5	388.5	41,600	65,900*	53.5	395.6	35,100	59,800*					235
240	48.1	384.1	40,000	65,300*	52.2	391.7	33,600	59,800*					240
245	46.7	379.4	38,400	62,700*	50.8	387.7	32,200	59,800*					245
250	45.2	374.5	36,900	60,200*	49.5	383.4	30,800	59,800*					250
255	43.7	369.3	35,500	57,800*	48.1	379.0	29,500	59,800*	52.0	385.0	23,700	54,600*	255
260	42.2	363.8	34,100	55,500*	46.6	374.3	28,300	59,800*	50.6	380.9	22,600	54,600*	260
265	40.6	358.0	32,800	53,300*	45.2	369.3	27,100	59,800*	49.3	376.6	21,500	54,600*	265
270	39.0	351.9	31,500	51,300*	43.7	364.1	25,900	57,900*	47.9	372.1	20,400	54,600*	270
275	37.3	345.4	30,300	49,300*	42.1	358.6	24,800	55,600*	46.4	367.4	19,400	54,600*	275
280	35.5	338.5	29,100	47,400*	40.6	352.9	23,700	53,500*	45.0	362.4	18,400	54,600*	280
285	33.6	331.1	27,900	45,600*	38.9	346.7	22,700	51,400*	43.5	357.2	17,500	54,600*	285
290	31.7	323.1	26,800	43,800*	37.2	340.2	21,700	49,400*	41.9	351.6	16,600	54,600*	290
295	29.6	314.5	25,700	42,100*	35.4	333.3	20,700	47,500*	40.3	345.8	15,700	53,300*	295
300	27.4	305.1	24,700	40,400*	33.6	325.8	19,700	45,700*	38.7	339.6	14,900	51,300*	300
305	25.0	294.7	23,700	38,800*	31.6	317.9	18,800	43,900*	37.0	333.1	14,000	49,300*	305
310	22.4	283.0	22,700	37,300*	29.5	309.2	17,900	42,200*	35.2	326.1	13,200	47,500*	310
315	19.4	269.5	21,700	35,800*	27.3	299.7	17,000	40,600*	33.3	318.6	12,400	45,600*	315
320	15.8	253.2	20,700	34,300*	24.9	289.3	16,200	39,000*	31.3	310.5	11,700	43,900*	320
325	11.2	231.4	19,700	32,700*	22.2	277.5	15,400	37,400*	29.2	301.7	10,900	42,200*	325
330					19.2	263.9	14,500	35,900*	27.0	292.1	10,200	40,600*	330
335					15.6	247.5	13,700	34,400*	24.5	281.5	9,500	39,000*	335
340					10.9	225.4	12,900	32,900*	21.8	269.5	8,800	37,400*	340
345									18.8	255.6	8,100	35,900*	345
350									15.1	238.6	7,400	34,500*	350
355									10.1	215.2	6,700	32,900*	355

Liftcrane Luffing Jib Capacities

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

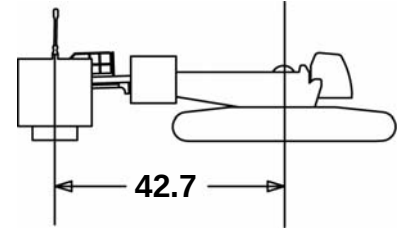
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



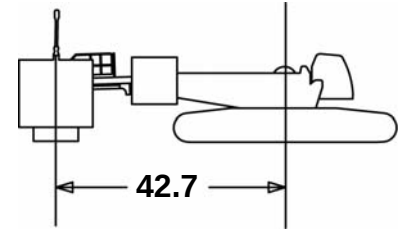
16000 MAX-ER

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	
85	49.7	263.7	229,500	255,200*	59.1	269.9	218,600	299,000*b	85
90	44.6	258.8	214,300	240,800*	54.7	266.4	204,100	285,200*b	90
95	39.0	252.8	200,700	229,000*	50.0	262.2	191,300	272,200*	95
100	32.4	245.3	188,600	219,900*	44.9	257.3	179,800	259,900*	100
105	24.2	235.2	177,500	213,600*	39.3	251.4	169,400	248,400*	105
110					32.8	244.0	160,000	237,300*	110
115					24.7	234.2	151,300	221,500*	115
120					11.8	217.1	143,000	186,300*	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85													85
90													90
95													95
100	60.7	267.0	164,800	267,100*b									100
105	56.4	263.7	155,400	253,500*b									105
110	51.8	259.8	146,800	241,000*									110
115	46.8	255.2	139,000	229,700*									115
120	41.4	249.7	131,900	219,300*	57.6	259.3	119,900	210,700*b					120
125	35.3	243.0	125,300	209,700*	53.1	255.6	113,900	201,500*b					125
130	27.9	234.2	119,100	200,700*	48.3	251.2	108,400	193,100*					130
135	17.8	221.2	113,200	192,400*	43.0	246.0	103,300	185,200*					135
140					37.1	239.6	98,600	177,500					140
145					30.2	231.5	94,100	170,200	49.1	245.1	84,800	162,900	145
150					21.2	220.2	89,800	163,200	44.0	240.1	81,000	156,400	150
155									38.2	234.0	77,500	150,400	155
160									31.5	226.3	74,200	144,600	160
165									23.1	215.7	71,000	139,200	165
170									7.0	194.4	67,500	133,900	170

Liftcrane Luffing Jib Capacities

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

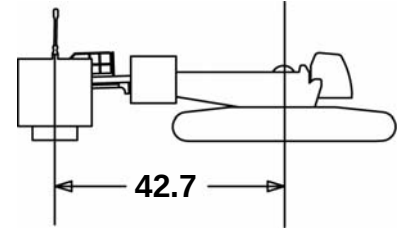
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



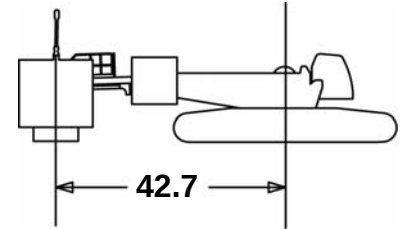
16000 MAX-ER

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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95	51.8	281.1	200,600	224,200*	59.2	286.8	190,700	262,900*	95
100	47.9	276.6	188,600	212,600*	55.7	283.4	179,200	252,200*	100
105	43.8	271.5	177,800	202,700*	52.0	279.6	169,000	242,000*	105
110	39.2	265.5	168,000	194,500*	48.1	275.2	159,700	232,200*	110
115	34.2	258.5	159,100	185,500*	44.0	270.1	151,200	223,000*	115
120	28.3	249.7	150,900	175,500*	39.5	264.2	143,500	210,600*	120
125	20.9	238.0	143,200	167,400*	34.5	257.2	136,400	196,000*	125
130					28.7	248.5	129,800	182,900*	130
135					21.3	237.0	123,600	171,000*	135
140					9.0	216.5	117,600	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95													95
100													100
105													105
110	60.5	284.0	145,700	239,800*									110
115	57.0	280.7	138,000	228,500*									115
120	53.4	277.1	131,000	218,200*									120
125	49.6	272.9	124,500	208,700*									125
130	45.5	268.0	118,500	199,900*									130
135	41.2	262.5	113,000	191,800*	54.4	272.7	102,100	184,000*					135
140	36.4	255.9	107,900	184,200*	50.7	268.7	97,500	176,500					140
145	30.9	247.9	103,100	176,900	46.7	264.0	93,200	169,200					145
150	24.3	237.7	98,500	169,800	42.5	258.7	89,100	162,500					150
155	14.9	222.4	94,100	163,100	37.8	252.4	85,300	156,200	51.4	262.6	76,200	149,200	155
160					32.6	244.9	81,800	150,300	47.5	258.0	73,000	143,600	160
165					26.3	235.5	78,300	144,800	43.3	252.8	70,000	138,400	165
170					18.1	222.3	75,000	139,500	38.7	246.8	67,200	133,400	170
175									33.5	239.5	64,500	128,800	175
180									27.5	230.5	61,900	124,400	180
185									19.8	218.2	59,300	120,200	185

Liftcrane Luffing Jib Capacities

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

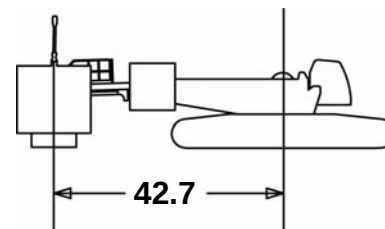
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



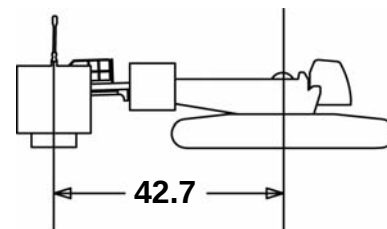
16000 MAX-ER

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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	61.9	308.3	212,900	237,700*	67.5	311.7	201,900	260,000*b	90
95	59.1	305.3	199,500	224,600*	64.8	309.4	189,100	251,100*	95
100	56.2	302.0	187,500	211,400*	62.1	306.7	177,700	242,200*	100
105	53.2	298.3	176,700	200,200*	59.3	303.8	167,500	233,300*	105
110	50.0	294.1	167,000	189,800*	56.3	300.5	158,300	224,800*	110
115	46.7	289.5	158,200	178,800*	53.3	296.8	149,900	216,600*	115
120	43.2	284.3	150,100	168,500*	50.2	292.7	142,200	208,700*	120
125	39.4	278.3	142,700	158,900*	46.9	288.0	135,200	198,300*	125
130					43.4	282.9	128,800	185,300*	130
135					39.6	276.9	122,800	173,700*	135
140					35.5	270.1	117,200	163,300*	140
145					31.0	262.1	112,000	153,800*	145
150					25.6	252.3	107,200	145,100*	150
155					18.8	239.3	102,500	136,900*	155
160					6.7	214.7	97,900	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90													90
95													95
100													100
105													105
110													110
115													115
120	60.3	300.9	129,100	216,400*									120
125	57.4	297.7	122,700	206,900*									125
130	54.5	294.2	116,800	198,200*									130
135	51.4	290.2	111,300	190,100*									135
140	48.1	285.8	106,300	182,600*									140
145	44.7	280.8	101,600	175,600	55.3	289.8	91,100	167,500					145
150	41.0	275.2	97,200	168,600	52.3	286.0	87,200	160,800					150
155	37.1	268.8	93,100	162,100	49.1	281.7	83,500	154,600					155
160	32.7	261.2	89,300	155,900	45.7	276.9	80,000	148,800					160
165	27.7	252.2	85,600	148,800*	42.1	271.4	76,700	143,300	52.8	279.8	67,900	136,500	165
170	21.6	240.6	82,100	140,400*	38.3	265.2	73,600	138,200	49.6	275.6	65,100	131,700	170
175	12.7	223.1	78,600	131,200*	34.0	258.1	70,700	133,400	46.3	270.9	62,500	127,100	175
180					29.2	249.5	67,900	128,900	42.8	265.6	60,000	122,800	180
185					23.5	238.9	65,200	124,600	39.0	259.5	57,700	118,700	185
190					15.8	223.8	62,600	120,400	34.8	252.6	55,400	114,900	190
195									30.1	244.3	53,300	111,200	195
200									24.6	234.1	51,200	107,700	200
205									17.4	220.2	49,100	104,300	205

Liftcrane Luffing Jib Capacities

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

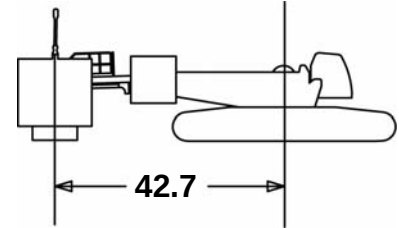
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



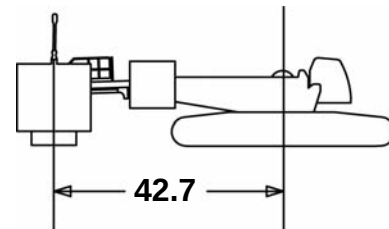
16000 MAX-ER

196.9 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	
100	66.4	328.8	176,600	225,900*	100
105	64.1	326.4	166,400	222,800*	105
110	61.7	323.7	157,100	215,700*	110
115	59.3	320.7	148,800	208,600*	115
120	56.8	317.5	141,100	201,800*	120
125	54.2	313.9	134,100	195,100*	125
130	51.6	310.0	127,700	185,900*	130
135	48.9	305.7	121,800	174,300*	135
140	46.0	300.9	116,300	164,000*	140
145	43.0	295.6	111,200	154,600*	145
150	39.7	289.7	106,400	146,100*	150
155	36.3	283.0	102,000	138,300*	155
160	32.5	275.4	97,800	131,100*	160
165	28.2	266.5	93,800	124,400*	165
170	23.3	255.6	90,100	118,200*	170
175	16.9	241.1	86,500	111,300*	175
180	4.2	211.1	82,700	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100													100
105													105
110													110
115													115
120													120
125	62.6	320.7	121,200	205,500*									125
130	60.2	317.9	115,400	196,800*									130
135	57.7	314.7	110,000	188,800*									135
140	55.2	311.3	104,900	181,300*									140
145	52.6	307.5	100,300	174,400									145
150	49.9	303.3	96,000	167,400									150
155	47.1	298.7	91,900	160,900	55.9	306.8	81,900	153,200					155
160	44.1	293.6	88,100	154,900	53.3	303.1	78,500	147,500					160
165	40.9	288.0	84,600	149,200	50.7	299.1	75,300	142,100					165
170	37.6	281.6	81,200	141,500*	47.9	294.6	72,200	137,000					170
175	33.9	274.4	78,000	134,100*	45.0	289.7	69,400	132,200					175
180	29.9	266.0	75,000	127,300*	41.9	284.2	66,700	127,800	51.1	293.0	58,400	121,400	180
185	25.2	255.9	72,100	120,900*	38.6	278.0	64,100	123,500	48.4	288.6	56,100	117,400	185
190	19.5	243.1	69,300	114,900*	35.0	271.1	61,700	119,500	45.5	283.7	53,900	113,600	190
195	11.0	223.2	66,600	107,100*	31.1	263.1	59,300	115,700	42.4	278.3	51,900	110,000	195
200					26.6	253.6	57,100	112,100	39.2	272.3	49,900	106,600	200
205					21.3	241.7	54,900	108,600	35.7	265.5	48,000	103,300	205
210					14.0	224.9	52,800	105,300	31.8	257.7	46,200	100,200	210
215									27.5	248.5	44,400	97,200	215
220									22.3	237.2	42,700	94,400	220
225									15.5	221.7	41,000	91,600	225

Liftcrane Luffing Jib Capacities

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

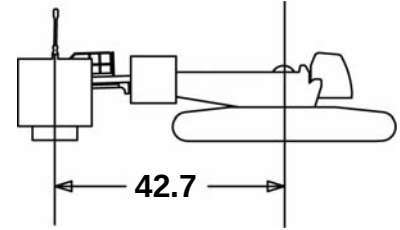
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



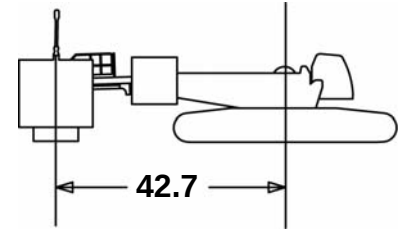
16000 MAX-ER

196.9 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	
105	67.5	348.1	164,600	188,300*	105
110	65.5	345.9	155,400	188,300*	110
115	63.5	343.4	147,100	188,300*	115
120	61.4	340.6	139,400	188,300*	120
125	59.3	337.7	132,500	184,300*	125
130	57.1	334.5	126,100	177,600*	130
135	54.9	331.0	120,200	170,600*	135
140	52.6	327.2	114,700	163,300*	140
145	50.3	323.1	109,600	154,700*	145
150	47.8	318.6	104,900	146,200*	150
155	45.3	313.7	100,500	138,400*	155
160	42.6	308.4	96,400	131,200*	160
165	39.8	302.5	92,500	124,700*	165
170	36.8	295.9	88,800	118,600*	170
175	33.6	288.6	85,400	112,900*	175
180	30.0	280.2	82,100	107,700*	180
185	26.1	270.4	79,000	102,700*	185
190	21.4	258.5	76,000	98,000*	190
195	15.3	242.5	73,100	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105													105
110													110
115													115
120													120
125													125
130													130
135	62.2	337.7	107,900	175,100*									135
140	60.1	334.8	103,000	175,100*									140
145	57.9	331.7	98,300	172,600*									145
150	55.7	328.3	94,000	165,800									150
155	53.5	324.6	90,000	159,300									155
160	51.2	320.6	86,300	153,300									160
165	48.8	316.3	82,800	147,700	56.4	323.9	73,100	140,300					165
170	46.2	311.6	79,400	141,600*	54.1	320.3	70,100	135,200					170
175	43.6	306.4	76,300	134,200*	51.8	316.4	67,300	130,500					175
180	40.9	300.7	73,400	127,400*	49.4	312.1	64,700	126,100					180
185	37.9	294.4	70,600	121,200*	47.0	307.5	62,100	121,900					185
190	34.8	287.4	67,900	115,400*	44.4	302.5	59,800	117,900	52.2	310.2	51,700	111,800	190
195	31.4	279.4	65,400	110,000*	41.7	296.9	57,500	114,200	49.9	306.0	49,700	108,200	195
200	27.6	270.2	63,000	104,900*	38.8	290.8	55,300	110,600	47.4	301.5	47,800	104,800	200
205	23.2	259.2	60,600	100,100*	35.7	284.0	53,300	107,200	44.9	296.5	45,900	101,600	205
210	17.7	245.1	58,400	95,600*	32.4	276.4	51,300	104,000	42.2	291.1	44,200	98,500	210
215	9.4	222.9	56,100	88,500*	28.7	267.5	49,400	100,900	39.3	285.1	42,500	95,600	215
220					24.5	257.1	47,600	98,000	36.3	278.4	40,900	92,800	220
225					19.5	244.2	45,800	95,100	33.0	270.9	39,300	90,200	225
230					12.4	225.5	44,000	92,400	29.4	262.4	37,800	87,600	230
235									25.3	252.3	36,400	85,200	235
240									20.4	239.9	34,900	82,800	240
245									13.9	222.7	33,500	80,500	245

Liftcrane Luffing Jib Capacities

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

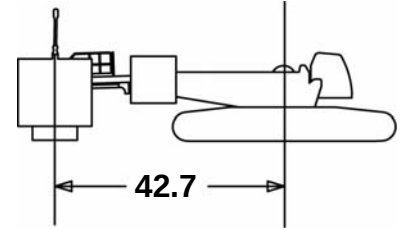
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



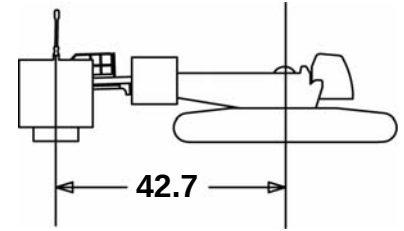
16000 MAX-ER

196.9 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	
120	64.9	362.9	138,100	158,600*	120
125	63.0	360.4	131,100	158,600*	125
130	61.2	357.6	124,700	158,600*	130
135	59.3	354.6	118,800	158,600*	135
140	57.4	351.5	113,400	154,300*	140
145	55.4	348.0	108,300	148,900*	145
150	53.4	344.4	103,600	143,300*	150
155	51.4	340.4	99,200	137,500*	155
160	49.2	336.1	95,100	130,600*	160
165	47.0	331.5	91,200	124,100*	165
170	44.8	326.5	87,600	118,100*	170
175	42.4	321.1	84,200	112,500*	175
180	39.9	315.2	81,000	107,300*	180
185	37.2	308.7	77,900	102,400*	185
190	34.4	301.6	75,000	97,900*	190
195	31.4	293.6	72,300	93,600*	195
200	28.0	284.5	69,700	89,600*	200
205	24.2	274.0	67,200	85,800*	205
210	19.8	261.0	64,700	82,100*	210
215	13.9	243.6	62,300	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
120													120
125													125
130													130
135													135
140													140
145	61.9	354.6	96,800	146,300*									145
150	60.0	351.8	92,500	146,300*									150
155	58.1	348.7	88,500	146,300*									155
160	56.2	345.3	84,800	146,300*									160
165	54.2	341.7	81,300	146,300*									165
170	52.1	337.9	78,000	140,800*									170
175	50.0	333.7	74,900	133,500*	56.7	340.9	65,700	129,100					175
180	47.9	329.2	72,000	126,800*	54.8	337.4	63,000	124,700					180
185	45.6	324.4	69,200	120,600*	52.7	333.6	60,500	120,500					185
190	43.3	319.1	66,600	114,800*	50.6	329.5	58,200	116,600					190
195	40.8	313.4	64,100	109,500*	48.5	325.1	55,900	112,800					195
200	38.2	307.2	61,700	104,500*	46.3	320.4	53,800	109,300					200
205	35.5	300.3	59,500	99,900*	43.9	315.2	51,800	105,900	51.0	323.4	44,200	100,200	205
210	32.5	292.7	57,300	95,500*	41.5	309.7	49,800	102,800	48.9	319.0	42,500	97,100	210
215	29.3	284.0	55,200	91,400*	39.0	303.6	48,000	99,700	46.7	314.4	40,900	94,200	215
220	25.7	274.1	53,300	87,500*	36.3	296.9	46,200	96,800	44.4	309.3	39,300	91,500	220
225	21.5	262.1	51,300	83,800*	33.4	289.5	44,500	94,000	42.0	303.8	37,800	88,900	225
230	16.3	246.8	49,400	80,200*	30.2	281.2	42,900	91,400	39.4	297.8	36,300	86,400	230
235	8.1	221.9	47,500	73,800*	26.8	271.6	41,300	88,900	36.8	291.3	34,900	83,900	235
240					22.8	260.4	39,800	85,200*	33.9	284.0	33,600	81,600	240
245					17.9	246.2	38,300	81,600*	30.8	275.9	32,300	79,400	245
250					11.1	225.7	36,700	78,100*	27.4	266.6	31,000	77,300	250
255									23.5	255.6	29,800	75,200	255
260									18.9	242.2	28,600	73,200	260
265									12.6	223.4	27,400	71,300	265

Liftcrane Luffing Jib Capacities

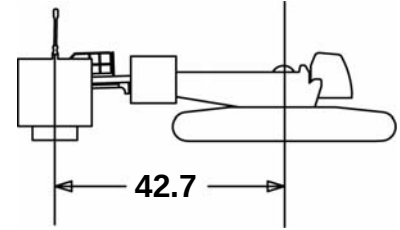
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



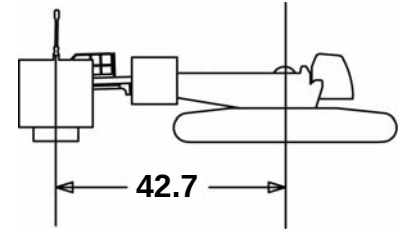
16000 MAX-ER

196.9 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	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	
135	62.7	377.3	117,100	132,400*	135
140	61.0	374.6	111,600	132,400*	140
145	59.3	371.6	106,600	132,400*	145
150	57.6	368.5	101,900	132,400*	150
155	55.9	365.1	97,500	128,500*	155
160	54.1	361.5	93,400	124,100*	160
165	52.2	357.6	89,600	119,900*	165
170	50.3	353.5	85,900	115,600*	170
175	48.4	349.1	82,600	111,500*	175
180	46.4	344.4	79,400	106,800*	180
185	44.3	339.3	76,300	101,900*	185
190	42.2	333.9	73,500	97,400*	190
195	39.9	328.0	70,800	93,200*	195
200	37.6	321.6	68,200	89,200*	200
205	35.1	314.6	65,700	85,400*	205
210	32.4	306.9	63,400	81,900*	210
215	29.5	298.3	61,100	78,500*	215
220	26.3	288.5	59,000	75,300*	220
225	22.7	277.1	56,900	72,200*	225
230	18.4	263.2	54,900	69,300*	230
235	12.7	244.3	52,900	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
135													135
140													140
145													145
150													150
155	61.6	371.6	86,500	122,100*									155
160	60.0	368.7	82,800	122,100*									160
165	58.3	365.6	79,300	122,100*									165
170	56.5	362.4	76,000	122,100*									170
175	54.7	358.8	72,900	122,100*									175
180	52.9	355.1	70,000	121,700*									180
185	51.0	351.0	67,300	117,700*	57.0	357.9	58,400	111,000*					185
190	49.1	346.8	64,700	113,700*	55.2	354.4	56,000	111,000*					190
195	47.1	342.2	62,200	109,000*	53.4	350.7	53,800	111,000*					195
200	45.1	337.2	59,900	104,000*	51.6	346.8	51,700	107,600					200
205	43.0	331.9	57,700	99,400*	49.7	342.6	49,700	104,300					205
210	40.8	326.2	55,600	95,000*	47.7	338.0	47,800	101,100					210
215	38.4	320.0	53,500	90,900*	45.7	333.2	46,000	98,100	51.9	340.6	38,600	92,400	215
220	36.0	313.2	51,600	87,100*	43.6	328.0	44,300	95,200	50.0	336.5	37,100	89,700	220
225	33.4	305.8	49,800	83,500*	41.4	322.4	42,600	92,500	48.1	332.0	35,600	87,100	225
230	30.6	297.5	48,000	80,100*	39.1	316.4	41,000	89,800	46.1	327.2	34,200	84,600	230
235	27.5	288.2	46,300	76,800*	36.7	309.7	39,500	87,300	44.0	322.1	32,800	82,200	235
240	24.1	277.5	44,600	73,700*	34.2	302.5	38,000	84,800*	41.8	316.6	31,500	80,000	240
245	20.1	264.7	43,000	70,700*	31.4	294.5	36,600	81,300*	39.5	310.6	30,300	77,800	245
250	15.0	248.2	41,400	67,800*	28.4	285.6	35,200	78,000*	37.2	304.1	29,100	75,700	250
255	6.8	220.3	39,700	61,600*	25.1	275.3	33,900	74,900*	34.6	297.0	27,900	73,700	255
260					21.3	263.2	32,600	71,900*	31.9	289.1	26,800	71,700	260
265					16.6	248.0	31,300	69,000*	29.0	280.4	25,700	69,900	265
270					9.9	225.5	30,000	66,000*	25.7	270.4	24,600	68,000	270
275									22.0	258.7	23,600	66,300	275
280									17.6	244.2	22,500	64,600	280
285									11.4	223.7	21,400	62,900	285

Liftcrane Luffing Jib Capacities

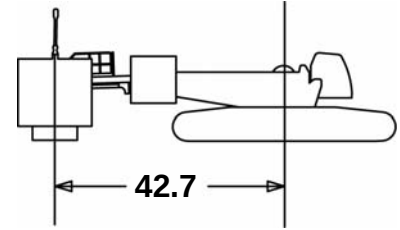
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



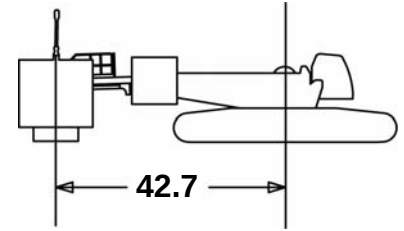
16000 MAX-ER

196.9 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	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	
150	60.9	391.5	100,100	112,500*	150
155	59.4	388.6	95,700	112,500*	155
160	57.8	385.4	91,600	112,500*	160
165	56.2	382.1	87,800	112,500*	165
170	54.6	378.6	84,200	110,800*	170
175	52.9	374.8	80,800	107,400*	175
180	51.2	370.8	77,600	104,000*	180
185	49.5	366.6	74,600	100,000*	185
190	47.7	362.0	71,700	95,500*	190
195	45.9	357.2	69,000	91,400*	195
200	44.0	352.1	66,500	87,400*	200
205	42.0	346.6	64,000	83,800*	205
210	40.0	340.7	61,700	80,300*	210
215	37.8	334.4	59,500	77,000*	215
220	35.6	327.5	57,400	73,900*	220
225	33.2	320.0	55,300	70,900*	225
230	30.6	311.7	53,400	68,100*	230
235	27.9	302.6	51,500	65,500*	235
240	24.8	292.2	49,700	62,900*	240
245	21.4	280.0	48,000	60,500*	245
250	17.2	265.2	46,300	58,100*	250
255	11.6	244.7	44,600	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
150													150
155													155
160	63.0	391.3	80,800	102,400*									160
165	61.4	388.6	77,300	102,400*									165
170	59.9	385.7	74,000	102,400*									170
175	58.4	382.6	71,000	102,400*									175
180	56.8	379.3	68,100	102,400*									180
185	55.2	375.9	65,300	102,400*									185
190	53.5	372.2	62,800	102,400*									190
195	51.9	368.3	60,300	102,400*	57.2	374.8	51,700	93,900*					195
200	50.1	364.1	58,000	102,000*	55.6	371.4	49,700	93,900*					200
205	48.4	359.7	55,800	97,400*	54.0	367.8	47,700	93,900*					205
210	46.6	355.0	53,700	93,200*	52.3	364.0	45,800	93,900*					210
215	44.7	350.0	51,700	89,100*	50.6	359.9	44,000	93,900*					215
220	42.7	344.7	49,800	85,400*	48.9	355.6	42,300	93,500					220
225	40.7	338.9	47,900	81,800*	47.1	351.0	40,600	90,800	52.6	357.8	33,500	85,300	225
230	38.6	332.7	46,200	78,500*	45.2	346.0	39,000	88,200	50.9	353.8	32,100	82,900	230
235	36.4	326.1	44,500	75,300*	43.3	340.8	37,500	85,700	49.2	349.5	30,700	80,500	235
240	34.1	318.8	42,900	72,300*	41.3	335.2	36,100	83,100*	47.4	344.9	29,400	78,200	240
245	31.6	310.9	41,300	69,500*	39.2	329.1	34,700	79,700*	45.6	340.1	28,200	76,100	245
250	28.9	302.1	39,800	66,800*	37.1	322.6	33,400	76,500*	43.7	334.9	27,000	74,000	250
255	26.0	292.1	38,400	64,200*	34.8	315.5	32,100	73,400*	41.7	329.3	25,900	72,000	255
260	22.7	280.7	37,000	61,700*	32.3	307.8	30,800	70,600*	39.6	323.4	24,800	70,100	260
265	18.8	267.1	35,600	59,300*	29.7	299.2	29,600	67,800*	37.5	316.9	23,700	68,200	265
270	13.9	249.3	34,200	56,900*	26.9	289.7	28,500	65,200*	35.2	310.0	22,700	66,500	270
275	5.5	217.9	32,700	50,900*	23.7	278.7	27,300	62,700*	32.8	302.3	21,700	64,700	275
280					20.0	265.8	26,200	60,300*	30.2	293.9	20,700	63,100	280
285					15.5	249.5	25,100	57,900*	27.4	284.6	19,800	61,500	285
290					8.9	224.9	23,900	55,400*	24.3	273.9	18,800	59,900	290
295									20.7	261.4	17,900	58,400	295
300									16.4	245.9	17,000	56,900	300
305									10.4	223.7	16,100	55,500	305

Liftcrane Luffing Jib Capacities

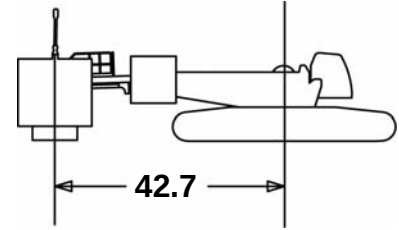
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



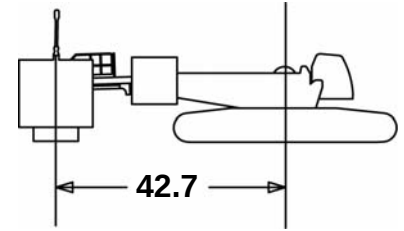
16000 MAX-ER

196.9 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	
170	57.9	402.4	82,400	95,600*	170
175	56.5	399.1	79,100	95,600*	175
180	55.0	395.6	75,900	95,500*	180
185	53.5	391.9	72,900	94,700*	185
190	52.0	388.0	70,100	92,000*	190
195	50.4	383.9	67,400	89,300*	195
200	48.8	379.6	64,800	86,500*	200
205	47.1	375.0	62,400	82,800*	205
210	45.4	370.1	60,100	79,300*	210
215	43.7	364.9	57,900	76,000*	215
220	41.9	359.4	55,800	72,900*	220
225	40.0	353.5	53,800	69,900*	225
230	38.0	347.1	51,900	67,100*	230
235	36.0	340.4	50,000	64,500*	235
240	33.9	333.0	48,300	62,000*	240
245	31.6	325.1	46,600	59,500*	245
250	29.1	316.3	44,900	57,200*	250
255	26.5	306.6	43,400	55,000*	255
260	23.5	295.5	41,800	52,900*	260
265	20.2	282.6	40,300	50,800*	265
270	16.2	266.8	38,900	48,700*	270
275	10.7	244.8	37,400	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
170	62.7	408.2	72,100	87,200*									170
175	61.3	405.5	69,000	87,200*									175
180	59.9	402.6	66,100	87,200*									180
185	58.5	399.6	63,400	87,200*									185
190	57.0	396.3	60,900	87,200*									190
195	55.5	392.9	58,400	87,200*									195
200	54.1	389.3	56,100	87,200*									200
205	52.5	385.5	53,900	87,200*	57.4	391.8	45,600	79,400*					205
210	51.0	381.5	51,800	87,200*	56.0	388.5	43,700	79,400*					210
215	49.4	377.2	49,900	87,200*	54.5	384.9	41,900	79,400*					215
220	47.7	372.7	48,000	84,400*	53.0	381.1	40,200	79,400*					220
225	46.1	367.9	46,200	80,800*	51.4	377.2	38,600	79,400*					225
230	44.3	362.8	44,400	77,400*	49.8	373.0	37,100	79,400*					230
235	42.5	357.4	42,800	74,300*	48.2	368.5	35,600	79,400*					235
240	40.7	351.7	41,200	71,300*	46.5	363.8	34,200	79,400*	51.7	371.0	27,300	73,300*	240
245	38.8	345.5	39,600	68,400*	44.8	358.9	32,800	78,600*	50.1	366.9	26,100	73,300*	245
250	36.8	338.9	38,200	65,700*	43.1	353.5	31,500	75,400*	48.5	362.5	24,900	72,300	250
255	34.7	331.8	36,800	63,200*	41.2	347.9	30,200	72,300*	46.8	357.8	23,800	70,300	255
260	32.4	324.1	35,400	60,700*	39.3	341.9	29,000	69,500*	45.1	352.9	22,700	68,400	260
265	30.0	315.6	34,100	58,300*	37.4	335.4	27,800	66,700*	43.4	347.6	21,700	66,600	265
270	27.5	306.3	32,800	56,100*	35.3	328.4	26,700	64,100*	41.6	342.1	20,700	64,900	270
275	24.6	295.8	31,600	53,900*	33.1	320.9	25,600	61,600*	39.7	336.1	19,700	63,200	275
280	21.5	283.6	30,300	51,800*	30.7	312.7	24,500	59,300*	37.7	329.7	18,800	61,500	280
285	17.7	269.1	29,200	49,800*	28.2	303.6	23,500	57,000*	35.6	322.9	17,900	59,900	285
290	13.0	250.1	28,000	47,700*	25.5	293.5	22,500	54,800*	33.5	315.4	17,000	58,400	290
295	4.2	214.3	26,600	41,900*	22.4	281.9	21,500	52,700*	31.2	307.3	16,100	56,900	295
300					18.9	268.1	20,500	50,600*	28.7	298.4	15,300	55,500	300
305					14.5	250.8	19,600	48,600*	26.0	288.5	14,500	54,100	305
310					7.9	223.9	18,500	46,500*	23.0	277.2	13,700	52,800	310
315									19.6	263.9	12,900	51,300*	315
320									15.4	247.4	12,100	49,200*	320
325									9.4	223.4	11,300	47,200*	325

Liftcrane Luffing Jib Capacities

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

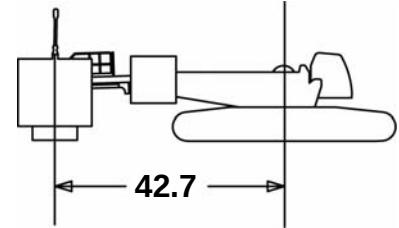
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



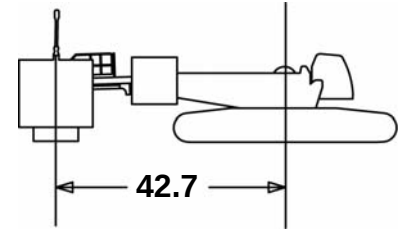
16000 MAX-ER

196.9 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	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	
185	56.7	416.1	71,400	80,800*	185
190	55.4	412.7	68,600	80,600*	190
195	54.0	409.0	65,900	80,500*	195
200	52.6	405.2	63,300	80,300*	200
205	51.1	401.2	60,900	79,200*	205
210	49.7	397.0	58,600	77,100*	210
215	48.2	392.5	56,400	74,400*	215
220	46.6	387.9	54,300	71,400*	220
225	45.1	382.9	52,400	68,500*	225
230	43.4	377.7	50,400	65,700*	230
235	41.8	372.1	48,600	63,100*	235
240	40.0	366.2	46,900	60,600*	240
245	38.2	359.9	45,200	58,300*	245
250	36.4	353.2	43,600	56,000*	250
255	34.4	346.0	42,000	53,900*	255
260	32.3	338.3	40,500	51,800*	260
265	30.1	329.8	39,100	49,800*	265
270	27.8	320.6	37,700	47,900*	270
275	25.2	310.3	36,300	46,100*	275
280	22.4	298.6	35,000	44,300*	280
285	19.1	285.0	33,700	42,500*	285
290	15.2	268.3	32,500	40,700*	290
295	9.8	244.6	31,200	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
185	61.1	422.5	61,800	74,000*									185
190	59.8	419.6	59,200	74,000*									190
195	58.5	416.5	56,800	74,000*									195
200	57.2	413.3	54,500	74,000*									200
205	55.9	409.9	52,300	74,000*									205
210	54.5	406.4	50,200	74,000*									210
215	53.1	402.6	48,200	74,000*	57.6	408.8	40,200	67,000*					215
220	51.7	398.7	46,400	74,000*	56.2	405.5	38,500	67,000*					220
225	50.2	394.6	44,600	74,000*	54.9	402.0	36,900	67,000*					225
230	48.7	390.2	42,800	74,000*	53.5	398.3	35,400	67,000*					230
235	47.2	385.6	41,200	72,700*	52.1	394.4	33,900	67,000*					235
240	45.6	380.7	39,600	69,800*	50.6	390.3	32,500	67,000*					240
245	44.0	375.6	38,100	67,000*	49.1	386.0	31,100	67,000*					245
250	42.4	370.2	36,600	64,300*	47.6	381.5	29,800	67,000*	52.3	388.2	23,200	61,300*	250
255	40.7	364.4	35,200	61,800*	46.1	376.7	28,600	67,000*	50.9	384.2	22,000	61,300*	255
260	38.9	358.3	33,900	59,400*	44.5	371.7	27,400	67,000*	49.4	379.9	21,000	61,300*	260
265	37.1	351.7	32,600	57,100*	42.9	366.3	26,200	65,300*	47.9	375.5	20,000	61,300*	265
270	35.1	344.7	31,400	54,900*	41.2	360.6	25,100	62,700*	46.4	370.7	19,000	61,300*	270
275	33.1	337.2	30,100	52,800*	39.4	354.6	24,000	60,300*	44.8	365.7	18,000	61,300*	275
280	31.0	329.0	29,000	50,800*	37.6	348.2	23,000	58,000*	43.2	360.4	17,100	60,100	280
285	28.7	320.1	27,800	48,900*	35.7	341.3	22,000	55,700*	41.5	354.8	16,200	58,600	285
290	26.2	310.2	26,700	47,000*	33.7	334.0	21,000	53,600*	39.7	348.9	15,300	57,100	290
295	23.5	299.1	25,700	45,200*	31.6	326.0	20,000	51,600*	37.9	342.5	14,500	55,600	295
300	20.4	286.3	24,600	43,400*	29.3	317.3	19,100	49,600*	36.0	335.7	13,700	54,200	300
305	16.8	270.9	23,600	41,700*	26.9	307.7	18,200	47,800*	34.1	328.5	12,900	52,800	305
310	12.1	250.6	22,500	39,900*	24.3	297.0	17,300	45,900*	32.0	320.6	12,100	51,500	310
315	2.5	208.1	21,300	33,900*	21.3	284.7	16,500	44,200*	29.7	312.0	11,400	50,200*	315
320					17.9	270.2	15,600	42,400*	27.4	302.6	10,700	48,300*	320
325					13.6	251.7	14,800	40,700*	24.8	292.1	9,900	46,500*	325
330					6.9	222.4	13,800	38,900*	21.9	280.2	9,200	44,700*	330
335									18.5	266.1	8,500	43,000*	335
340									14.4	248.6	7,800	41,200*	340
345									8.5	222.6	7,100	39,500*	345

Liftcrane Luffing Jib Capacities

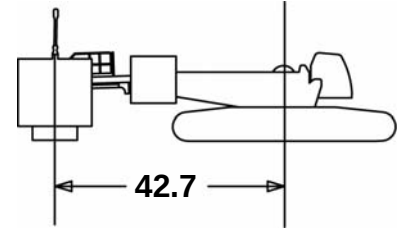
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



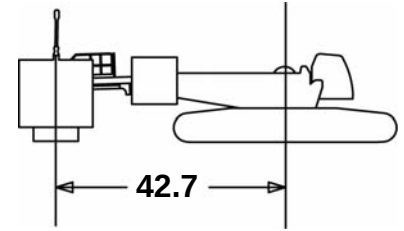
16000 MAX-ER

196.9 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	
205	54.4	426.1	59,100	67,300*	205
210	53.1	422.4	56,800	67,000*	210
215	51.8	418.5	54,600	66,800*	215
220	50.4	414.3	52,500	66,600*	220
225	49.0	410.0	50,600	66,400*	225
230	47.6	405.5	48,700	64,200*	230
235	46.2	400.7	46,800	61,600*	235
240	44.7	395.7	45,100	59,100*	240
245	43.2	390.4	43,400	56,800*	245
250	41.7	384.9	41,800	54,500*	250
255	40.1	379.0	40,300	52,400*	255
260	38.4	372.7	38,800	50,300*	260
265	36.7	366.1	37,400	48,400*	265
270	34.9	359.0	36,000	46,500*	270
275	33.0	351.4	34,700	44,700*	275
280	31.0	343.2	33,400	43,000*	280
285	28.9	334.4	32,200	41,300*	285
290	26.6	324.6	31,000	39,600*	290
295	24.1	313.8	29,800	38,000*	295
300	21.4	301.5	28,600	36,500*	300
305	18.2	287.2	27,500	35,000*	305
310	14.4	269.5	26,400	33,100*	310
315	9.0	244.1	25,300	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
205	58.6	433.5	50,300	62,600*									205
210	57.4	430.3	48,200	62,600*									210
215	56.1	427.0	46,200	62,600*									215
220	54.9	423.5	44,400	62,600*									220
225	53.6	419.8	42,600	62,600*	57.7	425.8	34,700	56,500*					225
230	52.2	415.9	40,900	62,600*	56.5	422.5	33,200	56,500*					230
235	50.9	411.9	39,200	62,600*	55.2	419.0	31,700	56,500*					235
240	49.5	407.6	37,700	62,600*	53.9	415.4	30,300	56,500*					240
245	48.2	403.2	36,200	62,600*	52.6	411.6	29,000	56,500*					245
250	46.7	398.5	34,700	62,600*	51.3	407.6	27,700	56,500*					250
255	45.3	393.6	33,300	60,200*	49.9	403.4	26,500	56,500*					255
260	43.8	388.4	32,000	57,800*	48.6	399.0	25,300	56,500*	52.9	405.4	18,700	51,200*	260
265	42.2	382.9	30,700	55,600*	47.1	394.4	24,100	56,500*	51.5	401.5	17,700	51,200*	265
270	40.7	377.2	29,500	53,400*	45.7	389.6	23,000	56,500*	50.2	397.3	16,800	51,200*	270
275	39.0	371.1	28,300	51,300*	44.2	384.5	22,000	56,500*	48.8	393.0	15,800	51,200*	275
280	37.3	364.6	27,100	49,300*	42.7	379.1	21,000	56,400*	47.4	388.4	14,900	51,200*	280
285	35.5	357.7	26,000	47,400*	41.1	373.4	20,000	54,200*	46.0	383.6	14,000	51,200*	285
290	33.7	350.3	24,900	45,600*	39.5	367.4	19,000	52,100*	44.5	378.5	13,200	51,200*	290
295	31.7	342.3	23,900	43,800*	37.8	361.0	18,100	50,100*	43.0	373.2	12,400	51,200*	295
300	29.7	333.7	22,900	42,100*	36.0	354.2	17,200	48,200*	41.4	367.6	11,600	51,200*	300
305	27.4	324.3	21,900	40,500*	34.2	347.0	16,300	46,300*	39.8	361.6	10,800	51,100*	305
310	25.0	313.9	20,900	38,900*	32.3	339.2	15,500	44,500*	38.1	355.3	10,100	49,700*	310
315	22.4	302.2	20,000	37,300*	30.3	330.8	14,600	42,800*	36.4	348.6	9,400	48,300*	315
320	19.4	288.8	19,100	35,800*	28.1	321.6	13,800	41,100*	34.5	341.4	8,600	46,800*	320
325	15.9	272.5	18,200	34,300*	25.7	311.5	13,000	39,500*	32.6	333.7	8,000	45,000*	325
330	11.3	250.9	17,200	32,800*	23.2	300.3	12,300	38,000*	30.6	325.5	7,300	43,300*	330
335					20.3	287.4	11,500	36,400*	28.5	316.5	6,600	41,600*	335
340					17.0	272.1	10,800	34,900*	26.2	306.5	6,000	40,000*	340
345					12.8	252.5	10,000	33,500*	23.7	295.5	5,400	38,500*	345
350					6.0	220.4	9,200	31,900*	20.9	283.0	4,700	36,900*	350
355									17.6	268.2	4,100	35,400*	355
360									13.6	249.6	3,500	34,000*	360
365									7.7	221.6	2,800	32,400*	365

Liftcrane Luffing Jib Capacities

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

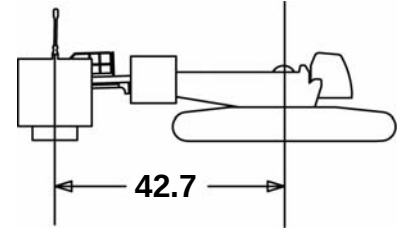
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



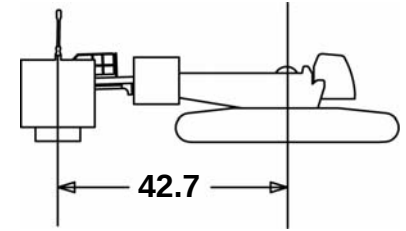
16000 MAX-ER

216.5 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	
80	66.2	294.0	232,200	290,500*c	80
85	62.0	291.3	215,900	281,400*b	85
90	57.8	288.2	201,600	267,800*b	90
95	53.2	284.5	188,900	254,100*b	95
100	48.4	280.2	177,600	240,500*	100
105	43.2	275.0	167,300	227,000*	105
110	37.3	268.7	158,000	213,600*	110
115	30.4	260.6	149,500	200,000*	115
120	21.5	249.5	141,600	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 42.7 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	
80													80
85													85
90													90
95													95
100													100
105	60.8	286.1	151,400	250,000*b									105
110	56.4	282.8	143,100	237,800*b									110
115	51.8	278.9	135,500	226,600*b									115
120	46.9	274.4	128,500	216,300*									120
125	41.5	268.9	122,100	206,900*									125
130	35.4	262.1	116,200	198,100*	54.7	275.4	103,900	189,400*b					130
135	28.1	253.4	110,600	188,200*	50.0	271.3	99,100	181,700*					135
140	18.0	240.5	105,300	174,300*	44.9	266.4	94,500	174,200					140
145					39.2	260.5	90,300	167,100					145
150					32.8	253.1	86,300	160,300	52.4	265.9	76,100	152,500b	150
155					24.7	243.2	82,400	154,000	47.5	261.4	72,800	146,600	155
160					11.7	226.1	78,500	148,000	42.1	256.0	69,700	141,100	160
165									36.1	249.4	66,800	135,900	165
170									29.0	241.0	63,900	131,000	170
175									19.4	228.8	61,100	126,300	175

Liftcrane Luffing Jib Capacities

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

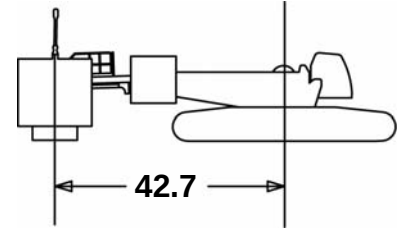
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



16000 MAX-ER

216.5 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	
90	64.8	311.0	200,800	252,700*b	90
95	61.5	308.3	188,100	243,400*b	95
100	58.1	305.2	176,900	233,300*	100
105	54.6	301.7	166,700	223,200*	105
110	50.8	297.6	157,500	213,100*	110
115	46.9	293.0	149,200	203,200*	115
120	42.6	287.7	141,600	193,300*	120
125	38.0	281.5	134,600	183,600*	125
130	32.7	274.0	128,100	173,800*	130
135	26.6	264.7	122,000	163,700*	135
140	18.4	251.6	116,300	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

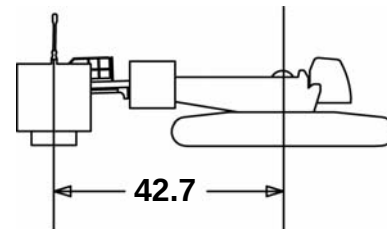
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 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	
90													90
95													95
100													100
105													105
110													110
115	60.5	303.0	134,300	225,300*b									115
120	57.1	299.8	127,400	215,100*									120
125	53.5	296.1	121,100	205,800*									125
130	49.7	292.0	115,300	197,100*									130
135	45.6	287.2	109,900	189,100*									135
140	41.3	281.6	104,900	181,600*	55.7	292.5	93,200	173,000					140
145	36.5	275.0	100,300	174,600*	52.0	288.6	89,100	165,900					145
150	31.0	267.1	95,900	165,300*	48.1	284.2	85,200	159,300					150
155	24.4	257.0	91,700	155,600*	44.0	279.1	81,600	153,200					155
160	15.1	241.8	87,700	144,800*	39.5	273.2	78,100	147,400					160
165					34.5	266.2	74,900	142,000	50.1	279.0	65,400	134,700	165
170					28.6	257.6	71,800	136,900	46.1	274.2	62,800	129,900	170
175					21.3	246.1	68,900	132,100	41.8	268.7	60,200	125,400	175
180					9.0	225.5	65,800	127,400	37.0	262.3	57,800	121,200	180
185									31.7	254.6	55,500	117,100	185
190									25.2	244.7	53,200	113,300	190
195									16.4	230.5	51,000	109,600	195

Liftcrane Luffing Jib Capacities

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

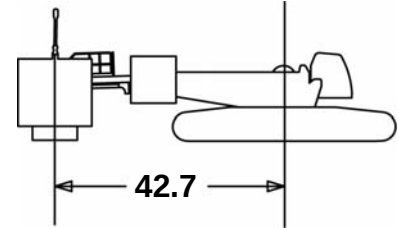
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



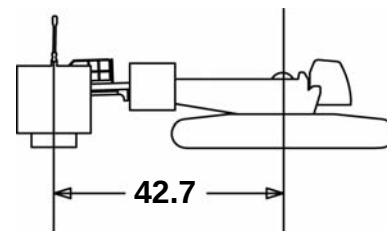
16000 MAX-ER

216.5 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	
95	66.6	330.4	186,500	227,400*	95
100	64.0	328.0	175,200	220,700*	100
105	61.2	325.2	165,100	213,200*	105
110	58.3	322.2	156,000	205,500*	110
115	55.4	318.7	147,700	197,700*	115
120	52.4	314.9	140,100	190,000*	120
125	49.2	310.6	133,200	182,400*	125
130	45.8	305.9	126,800	174,800*	130
135	42.2	300.5	121,000	167,300*	135
140	38.4	294.3	115,500	159,700*	140
145	34.2	287.1	110,400	151,800*	145
150	29.4	278.7	105,600	144,600*	150
155	23.7	268.1	101,100	137,100*	155
160	16.1	253.2	96,700	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 42.7 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	
95													95
100													100
105													105
110													110
115													115
120													120
125	60.3	320.0	119,100	201,200*									125
130	57.5	316.8	113,400	194,800*									130
135	54.5	313.3	108,100	187,400*									135
140	51.4	309.3	103,200	180,000*									140
145	48.2	304.9	98,600	173,100									145
150	44.8	300.0	94,300	166,200	56.3	309.5	83,000	157,500					150
155	41.1	294.3	90,400	159,800	53.3	305.8	79,500	151,400					155
160	37.2	287.9	86,600	153,200*	50.2	301.7	76,200	145,700					160
165	32.8	280.4	83,100	146,100*	46.9	297.1	73,000	140,400					165
170	27.8	271.4	79,700	138,700*	43.4	291.9	70,100	135,400					170
175	21.7	259.9	76,500	131,100*	39.6	286.0	67,300	130,700	51.8	296.3	58,000	123,600	175
180	13.0	242.6	73,300	122,400*	35.5	279.2	64,600	126,200	48.5	291.9	55,700	119,400	180
185					31.0	271.2	62,100	122,000	45.1	287.0	53,500	115,400	185
190					25.6	261.4	59,700	118,100	41.5	281.5	51,400	111,700	190
195					18.8	248.3	57,300	114,200	37.6	275.2	49,400	108,100	195
200					6.6	223.7	54,800	110,400	33.3	267.8	47,400	104,800	200
205									28.4	259.0	45,600	101,500	205
210									22.5	247.9	43,800	98,400	210
215									14.2	231.6	41,900	95,400	215

Liftcrane Luffing Jib Capacities

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

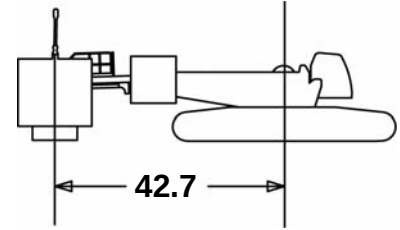
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



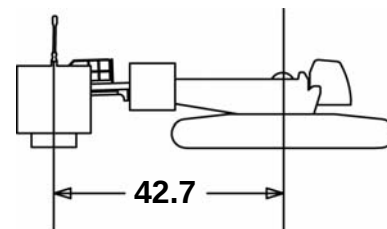
16000 MAX-ER

216.5 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	
100	67.9	349.7	174,000	194,300*	100
105	65.6	347.5	163,900	194,300*	105
110	63.3	344.9	154,800	193,500*	110
115	60.9	342.2	146,500	187,700*	115
120	58.5	339.1	139,000	181,700*	120
125	56.0	335.8	132,100	175,800*	125
130	53.4	332.1	125,700	169,700*	130
135	50.7	328.0	119,900	162,300*	135
140	48.0	323.6	114,400	154,900*	140
145	45.0	318.7	109,400	147,700*	145
150	42.0	313.2	104,700	140,700*	150
155	38.7	307.1	100,300	134,100*	155
160	35.1	300.1	96,200	127,800*	160
165	31.2	292.2	92,300	121,900*	165
170	26.8	282.7	88,700	116,600*	170
175	21.5	271.0	85,100	112,000*	175
180	14.2	254.4	81,700	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100													100
105													105
110													110
115													115
120													120
125													125
130	62.6	339.8	111,900	182,500*									130
135	60.2	336.9	106,600	178,000*									135
140	57.8	333.8	101,700	173,100*									140
145	55.2	330.4	97,200	167,900*									145
150	52.6	326.6	93,000	162,600*									150
155	49.9	322.4	89,000	157,200*									155
160	47.1	317.8	85,300	151,700*	56.8	326.5	74,500	144,300					160
165	44.1	312.7	81,900	146,200*	54.2	323.0	71,400	139,000					165
170	41.0	307.1	78,600	140,700*	51.6	319.0	68,500	134,100					170
175	37.7	300.7	75,500	135,100*	48.9	314.7	65,800	129,400					175
180	34.0	293.5	72,600	129,500*	46.0	309.9	63,200	125,000					180
185	30.0	285.2	69,800	123,700*	43.0	304.6	60,800	120,900	52.9	313.5	51,800	114,000	185
190	25.3	275.2	67,200	117,900*	39.7	298.7	58,400	117,000	50.2	309.4	49,700	110,300	190
195	19.6	262.4	64,600	111,600*	36.3	292.1	56,200	113,200	47.4	304.8	47,800	106,800	195
200	11.2	242.8	62,000	104,500*	32.5	284.5	54,100	109,700	44.5	299.8	45,900	103,500	200
205					28.2	275.6	52,000	106,300	41.4	294.2	44,200	100,300	205
210					23.3	264.7	50,100	103,100	38.0	288.0	42,500	97,300	210
215					16.9	250.1	48,100	100,000	34.4	280.9	40,800	94,400	215
220					4.2	220.1	46,000	96,900	30.4	272.6	39,300	91,700	220
225									25.8	262.9	37,700	89,000	225
230									20.3	250.5	36,200	86,500	230
235									12.4	232.1	34,700	84,000	235

Liftcrane Luffing Jib Capacities

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

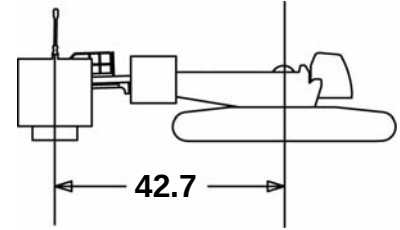
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



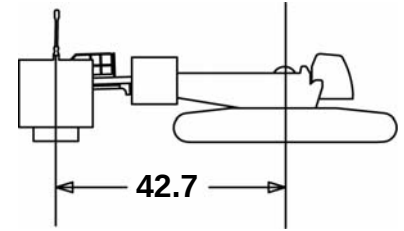
16000 MAX-ER

216.5 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	64.9	364.5	144,700	166,000*	115
120	62.8	361.9	137,200	166,000*	120
125	60.8	359.1	130,300	164,700*	125
130	58.6	356.1	124,000	159,400*	130
135	56.4	352.8	118,200	153,800*	135
140	54.2	349.2	112,800	148,100*	140
145	51.9	345.3	107,800	142,200*	145
150	49.5	341.1	103,100	136,200*	150
155	47.1	336.5	98,800	130,400*	155
160	44.5	331.5	94,700	124,700*	160
165	41.8	325.9	90,900	119,200*	165
170	38.9	319.9	87,300	113,900*	170
175	35.8	313.1	83,900	108,900*	175
180	32.5	305.4	80,700	104,200*	180
185	28.8	296.7	77,600	99,800*	185
190	24.7	286.3	74,700	95,800*	190
195	19.6	273.5	71,900	92,400*	195
200	12.7	255.1	69,100	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115													115
120													120
125													125
130													130
135													135
140	62.2	356.7	99,600	155,600*									140
145	60.1	353.9	95,100	155,600*									145
150	58.0	350.8	91,000	154,800*									150
155	55.8	347.4	87,100	150,800*									155
160	53.5	343.7	83,400	146,600*									160
165	51.2	339.7	80,000	142,300*									165
170	48.8	335.4	76,700	138,000*	57.1	343.5	66,300	132,200					170
175	46.3	330.7	73,700	133,500*	54.9	340.0	63,600	127,600					175
180	43.7	325.5	70,800	129,100*	52.6	336.2	61,100	123,200					180
185	40.9	319.8	68,100	124,600*	50.3	332.1	58,700	119,100					185
190	38.0	313.5	65,600	120,100*	47.8	327.6	56,400	115,200					190
195	34.9	306.5	63,100	115,500*	45.3	322.8	54,200	111,600					195
200	31.5	298.6	60,800	110,100*	42.6	317.4	52,100	108,100	51.5	326.7	43,700	101,600	200
205	27.7	289.4	58,500	105,000*	39.8	311.5	50,200	104,800	49.1	322.4	41,900	98,500	205
210	23.3	278.5	56,400	100,200*	36.8	305.0	48,300	101,600	46.6	317.7	40,300	95,500	210
215	17.9	264.5	54,200	95,600*	33.6	297.6	46,500	98,600	44.0	312.6	38,700	92,700	215
220	9.7	242.5	52,100	89,100*	30.0	289.2	44,800	95,800	41.2	307.0	37,200	90,000	220
225					26.1	279.5	43,100	93,000	38.3	300.8	35,800	87,400	225
230					21.3	267.6	41,400	90,400	35.2	293.8	34,400	84,900	230
235					15.2	251.6	39,800	87,800	31.8	286.0	33,000	82,600	235
240									28.1	277.0	31,700	80,300	240
245									23.8	266.3	30,400	78,100	245
250									18.5	252.7	29,200	76,000	250
255									10.9	232.3	27,900	73,800	255

Liftcrane Luffing Jib Capacities

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

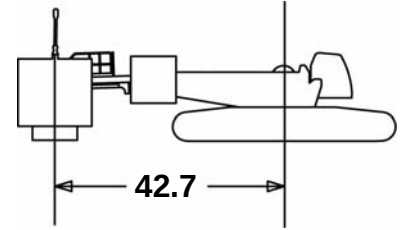
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



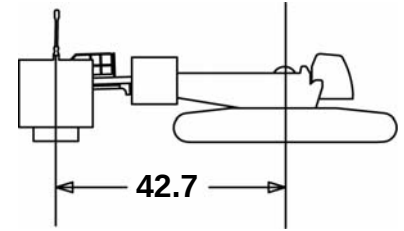
16000 MAX-ER

216.5 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
130	62.5	378.9	122,600	141,100*	130
135	60.6	376.1	116,800	141,100*	135
140	58.7	373.1	111,400	138,900*	140
145	56.8	369.8	106,400	134,500*	145
150	54.8	366.3	101,800	130,000*	150
155	52.8	362.5	97,400	125,300*	155
160	50.7	358.5	93,400	120,600*	160
165	48.6	354.1	89,600	115,800*	165
170	46.3	349.4	86,000	111,200*	170
175	44.0	344.2	82,600	106,600*	175
180	41.6	338.7	79,500	102,200*	180
185	39.1	332.6	76,500	98,000*	185
190	36.4	326.0	73,600	94,000*	190
195	33.5	318.6	70,900	90,100*	195
200	30.3	310.3	68,300	86,600*	200
205	26.9	300.8	65,900	83,300*	205
210	22.9	289.6	63,500	80,300*	210
215	18.1	275.6	61,200	77,700*	215
220	11.4	255.4	58,900	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
130													130
135													135
140													140
145													145
150	61.9	373.7	89,300	131,800*									150
155	60.1	370.8	85,500	131,800*									155
160	58.2	367.7	81,800	131,800*									160
165	56.2	364.4	78,400	131,800*									165
170	54.2	360.8	75,200	131,800*									170
175	52.2	357.0	72,200	129,200*									175
180	50.1	352.8	69,400	125,700*	57.4	360.5	59,400	120,100*					180
185	47.9	348.4	66,700	122,100*	55.4	357.1	57,000	117,700					185
190	45.7	343.5	64,100	118,500*	53.4	353.4	54,700	113,800					190
195	43.3	338.3	61,700	114,800*	51.4	349.4	52,600	110,200					195
200	40.9	332.6	59,400	109,600*	49.2	345.2	50,500	106,700					200
205	38.3	326.3	57,200	104,600*	47.0	340.5	48,600	103,400					205
210	35.5	319.5	55,100	100,000*	44.8	335.6	46,800	100,300	52.4	343.9	38,500	94,000	210
215	32.6	311.8	53,100	95,600*	42.4	330.1	45,000	97,300	50.3	339.8	37,000	91,200	215
220	29.4	303.2	51,200	91,500*	39.9	324.2	43,300	94,500	48.1	335.4	35,500	88,600	220
225	25.8	293.3	49,400	87,600*	37.2	317.8	41,700	91,800	45.9	330.6	34,100	86,000	225
230	21.6	281.4	47,600	83,900*	34.4	310.6	40,100	89,200	43.6	325.4	32,700	83,600	230
235	16.4	266.2	45,800	80,300*	31.4	302.7	38,600	86,700	41.1	319.7	31,400	81,200	235
240	8.3	241.6	44,000	74,300*	28.0	293.6	37,200	84,300	38.6	313.5	30,200	79,000	240
245					24.2	283.0	35,800	82,100	35.8	306.7	29,000	76,900	245
250					19.8	270.1	34,400	79,800	32.9	299.2	27,800	74,800	250
255					13.9	252.6	33,000	77,700	29.7	290.7	26,700	72,800	255
260									26.2	280.9	25,600	70,900	260
265									22.1	269.3	24,500	69,000	265
270									17.0	254.6	23,400	67,200	270
275									9.5	231.9	22,200	65,400	275

Liftcrane Luffing Jib Capacities

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

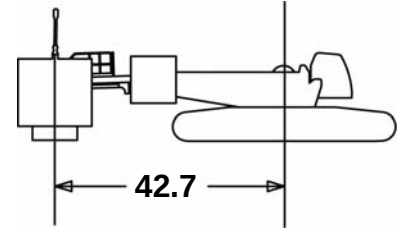
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



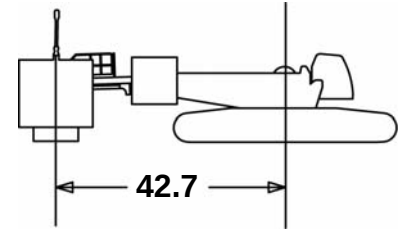
16000 MAX-ER

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	
145	60.5	393.0	104,600	120,100*	145
150	58.8	390.0	100,000	120,100*	150
155	57.1	386.8	95,700	117,900*	155
160	55.3	383.4	91,600	114,400*	160
165	53.5	379.7	87,800	110,700*	165
170	51.6	375.7	84,300	107,000*	170
175	49.7	371.5	80,900	103,200*	175
180	47.8	367.0	77,800	99,500*	180
185	45.8	362.2	74,800	95,800*	185
190	43.7	357.0	72,000	92,200*	190
195	41.5	351.4	69,300	88,700*	195
200	39.2	345.4	66,800	85,300*	200
205	36.8	338.8	64,400	82,000*	205
210	34.2	331.6	62,100	78,900*	210
215	31.5	323.6	59,800	76,000*	215
220	28.5	314.7	57,700	73,200*	220
225	25.2	304.5	55,700	70,600*	225
230	21.4	292.5	53,700	68,300*	230
235	16.8	277.4	51,800	66,400*	235
240	10.2	255.3	49,900	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
145													145
150													150
155													155
160	61.7	390.7	79,700	111,300*									160
165	60.0	387.8	76,300	111,300*									165
170	58.3	384.7	73,200	111,300*									170
175	56.5	381.4	70,200	111,300*									175
180	54.8	377.9	67,400	111,300*									180
185	52.9	374.2	64,700	111,300*									185
190	51.1	370.1	62,200	111,300*	57.6	377.5	52,500	100,800*					190
195	49.2	365.9	59,800	110,400*	55.9	374.1	50,400	100,800*					195
200	47.2	361.3	57,500	107,500*	54.1	370.5	48,400	100,800*					200
205	45.1	356.3	55,400	104,100*	52.2	366.7	46,500	100,800*					205
210	43.0	351.0	53,300	99,400*	50.3	362.5	44,600	98,600					210
215	40.8	345.3	51,300	95,100*	48.4	358.1	42,900	95,600					215
220	38.5	339.1	49,500	91,000*	46.4	353.4	41,200	92,800					220
225	36.0	332.4	47,700	87,200*	44.3	348.4	39,700	90,100	51.3	357.1	31,800	84,200	225
230	33.4	325.0	45,900	83,600*	42.2	342.9	38,100	87,600	49.4	352.8	30,500	81,800	230
235	30.6	316.7	44,300	80,100*	39.9	337.0	36,700	85,100	47.4	348.3	29,200	79,400	235
240	27.6	307.5	42,700	76,900*	37.6	330.6	35,300	82,800	45.4	343.4	28,000	77,200	240
245	24.1	296.8	41,100	73,800*	35.1	323.6	33,900	80,500	43.3	338.1	26,800	75,100	245
250	20.2	284.0	39,600	70,800*	32.4	315.9	32,600	78,400	41.1	332.5	25,700	73,100	250
255	15.2	267.6	38,100	67,800*	29.5	307.3	31,400	76,300	38.7	326.3	24,600	71,100	255
260	7.0	240.2	36,500	62,100*	26.3	297.5	30,200	74,300	36.3	319.6	23,600	69,200	260
265					22.7	286.2	29,000	72,300	33.7	312.3	22,500	67,400	265
270					18.4	272.3	27,800	70,000*	31.0	304.2	21,500	65,700	270
275					12.7	253.3	26,600	67,100*	27.9	295.0	20,600	64,000	275
280									24.5	284.5	19,600	62,400	280
285									20.6	272.0	18,700	60,800	285
290									15.8	256.1	17,800	59,200	290
295									8.3	231.1	16,800	57,600	295

Liftcrane Luffing Jib Capacities

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

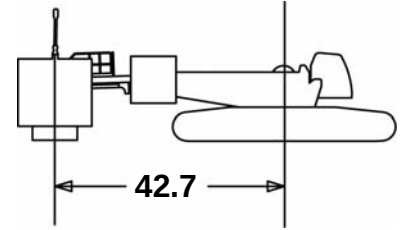
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



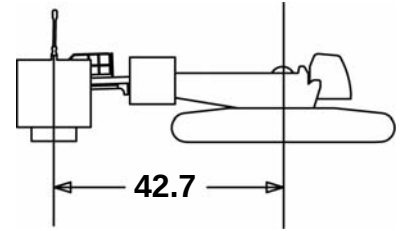
16000 MAX-ER

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	
160	58.9	407.0	89,800	102,500*	160
165	57.3	403.8	86,000	102,500*	165
170	55.7	400.4	82,500	100,700*	170
175	54.1	396.8	79,100	97,800*	175
180	52.4	393.0	76,000	94,900*	180
185	50.7	388.9	73,000	91,900*	185
190	48.9	384.5	70,200	89,000*	190
195	47.1	379.9	67,500	86,000*	195
200	45.3	375.0	65,000	83,100*	200
205	43.4	369.8	62,600	80,200*	205
210	41.4	364.2	60,300	77,400*	210
215	39.3	358.1	58,200	74,700*	215
220	37.1	351.6	56,100	72,000*	220
225	34.8	344.6	54,100	69,500*	225
230	32.4	336.9	52,200	67,100*	230
235	29.8	328.3	50,300	64,800*	235
240	26.9	318.8	48,600	62,700*	240
245	23.8	307.9	46,800	60,700*	245
250	20.1	295.1	45,200	59,000*	250
255	15.7	278.9	43,500	57,300*	255
260	9.1	254.8	41,900	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 42.7 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	
160													160
165	63.0	410.3	74,300	94,000*									165
170	61.5	407.6	71,100	94,000*									170
175	59.9	404.7	68,200	94,000*									175
180	58.4	401.7	65,300	94,000*									180
185	56.8	398.4	62,700	94,000*									185
190	55.2	395.0	60,200	94,000*									190
195	53.6	391.3	57,800	94,000*									195
200	51.9	387.4	55,500	94,000*	57.8	394.5	46,200	86,000*					200
205	50.2	383.2	53,400	94,000*	56.2	391.1	44,300	86,000*					205
210	48.4	378.8	51,400	94,000*	54.6	387.6	42,500	86,000*					210
215	46.6	374.1	49,400	93,200*	52.9	383.8	40,800	86,000*					215
220	44.7	369.1	47,600	89,200*	51.2	379.9	39,200	86,000*					220
225	42.8	363.8	45,800	85,400*	49.5	375.6	37,600	86,000*					225
230	40.8	358.1	44,100	81,900*	47.7	371.1	36,100	85,900					230
235	38.7	351.9	42,500	78,500*	45.9	366.3	34,700	83,500	52.1	374.3	27,000	77,700	235
240	36.5	345.2	40,900	75,400*	44.0	361.1	33,300	81,100	50.4	370.2	25,800	75,500	240
245	34.1	338.0	39,400	72,400*	42.0	355.6	32,000	78,900	48.6	365.8	24,700	73,400	245
250	31.7	330.0	37,900	69,500*	40.0	349.7	30,700	76,700	46.8	361.2	23,600	71,300	250
255	29.0	321.2	36,500	66,800*	37.8	343.4	29,500	74,700	44.9	356.2	22,500	69,400	255
260	26.0	311.4	35,200	64,200*	35.6	336.5	28,300	72,700	43.0	350.9	21,500	67,500	260
265	22.8	300.0	33,900	61,700*	33.2	329.0	27,100	70,800	41.0	345.2	20,500	65,700	265
270	18.9	286.4	32,600	59,300*	30.6	320.8	26,000	68,800*	38.9	339.1	19,500	64,000	270
275	14.1	268.7	31,300	56,900*	27.9	311.6	24,900	66,100*	36.7	332.5	18,600	62,400	275
280	5.8	238.0	29,900	51,400*	24.8	301.2	23,900	63,500*	34.4	325.3	17,700	60,800	280
285					21.4	289.1	22,900	61,100*	31.9	317.5	16,800	59,200	285
290					17.2	274.2	21,800	58,700*	29.3	308.8	16,000	57,700	290
295					11.6	253.7	20,800	56,300*	26.4	299.0	15,100	56,200	295
300									23.1	287.8	14,300	54,800	300
305									19.4	274.5	13,500	53,400	305
310									14.7	257.4	12,700	52,100	310
315									7.2	229.8	11,800	50,700	315

Liftcrane Luffing Jib Capacities

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

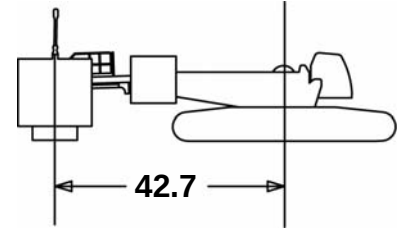
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 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	
175	57.5	420.8	77,400	88,100*	175
180	56.0	417.4	74,200	88,100*	180
185	54.5	413.9	71,300	86,300*	185
190	53.0	410.1	68,500	84,000*	190
195	51.5	406.1	65,800	81,700*	195
200	49.9	402.0	63,300	79,300*	200
205	48.3	397.5	60,900	77,000*	205
210	46.6	392.8	58,700	74,700*	210
215	44.9	387.9	56,500	72,300*	215
220	43.1	382.6	54,500	70,000*	220
225	41.3	376.9	52,500	67,800*	225
230	39.4	370.9	50,600	65,600*	230
235	37.4	364.5	48,800	63,500*	235
240	35.3	357.5	47,000	61,400*	240
245	33.1	350.0	45,400	59,500*	245
250	30.8	341.8	43,800	57,600*	250
255	28.3	332.7	42,200	55,800*	255
260	25.6	322.6	40,700	54,200*	260
265	22.5	311.1	39,300	52,200*	265
270	19.0	297.4	37,800	50,100*	270
275	14.6	280.2	36,400	47,800*	275
280	8.2	253.9	35,000	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

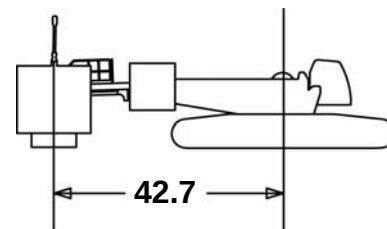
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
175	62.7	427.3	66,100	80,500*									175
180	61.3	424.6	63,300	80,500*									180
185	59.9	421.7	60,700	80,500*									185
190	58.5	418.6	58,200	80,500*									190
195	57.0	415.4	55,800	80,500*									195
200	55.6	412.0	53,600	80,500*									200
205	54.1	408.4	51,500	80,500*									205
210	52.6	404.6	49,500	80,500*	57.9	411.4	40,400	73,200*					210
215	51.0	400.6	47,500	80,500*	56.5	408.1	38,700	73,200*					215
220	49.4	396.3	45,700	80,500*	55.0	404.7	37,100	73,200*					220
225	47.8	391.8	43,900	80,500*	53.5	401.0	35,500	73,200*					225
230	46.1	387.0	42,300	80,500*	52.0	397.1	34,000	73,200*					230
235	44.4	381.9	40,600	77,500*	50.4	393.0	32,600	73,200*					235
240	42.6	376.5	39,100	74,300*	48.8	388.6	31,300	73,200*					240
245	40.7	370.8	37,600	71,300*	47.1	384.0	30,000	73,200*	52.7	391.5	22,500	67,100*	245
250	38.8	364.7	36,200	68,500*	45.4	379.1	28,700	73,200*	51.2	387.5	21,400	67,100*	250
255	36.8	358.1	34,800	65,800*	43.7	373.9	27,500	73,100	49.6	383.3	20,400	67,100*	255
260	34.7	351.0	33,500	63,200*	41.9	368.4	26,400	71,100	47.9	378.8	19,400	65,800	260
265	32.5	343.2	32,200	60,700*	40.0	362.5	25,200	69,300	46.3	374.0	18,400	64,100	265
270	30.1	334.8	31,000	58,400*	38.0	356.2	24,200	67,400	44.6	369.0	17,400	62,300	270
275	27.5	325.5	29,800	56,100*	36.0	349.4	23,100	65,000*	42.8	363.7	16,500	60,700	275
280	24.7	315.0	28,600	54,000*	33.9	342.1	22,100	62,500*	40.9	358.0	15,700	59,100	280
285	21.5	302.9	27,500	51,900*	31.6	334.1	21,100	60,100*	39.0	351.9	14,800	57,600	285
290	17.8	288.4	26,400	49,800*	29.1	325.4	20,200	57,800*	37.0	345.3	14,000	56,100	290
295	13.1	269.5	25,300	47,800*	26.5	315.6	19,200	55,500*	34.9	338.3	13,200	54,700	295
300	4.5	234.8	24,000	42,400*	23.5	304.6	18,300	53,400*	32.7	330.6	12,400	53,300	300
305					20.2	291.7	17,400	51,300*	30.4	322.3	11,700	52,000	305
310					16.2	275.9	16,600	49,300*	27.8	313.0	10,900	50,700	310
315					10.7	253.8	15,600	47,300*	25.0	302.7	10,200	49,400	315
320									21.9	290.8	9,500	48,200*	320
325									18.3	276.7	8,800	46,900*	325
330									13.7	258.4	8,100	45,500*	330
335									6.1	227.8	7,300	44,200*	335

Liftcrane Luffing Jib Capacities

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

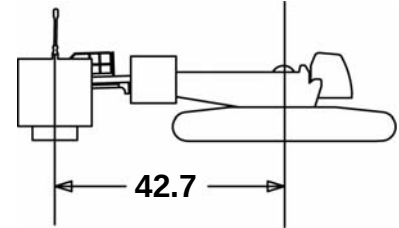
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



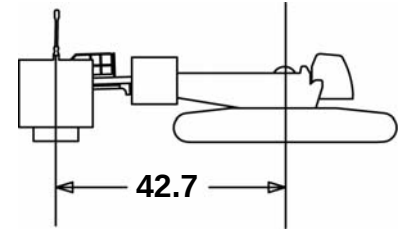
16000 MAX-ER

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	
190	56.3	434.4	67,000	75,400*	190
195	54.9	430.9	64,300	75,300*	195
200	53.5	427.2	61,800	74,400*	200
205	52.1	423.4	59,400	72,500*	205
210	50.7	419.3	57,200	70,700*	210
215	49.2	415.0	55,000	68,800*	215
220	47.7	410.5	53,000	66,900*	220
225	46.1	405.7	51,000	65,000*	225
230	44.5	400.7	49,100	63,200*	230
235	42.9	395.3	47,300	61,300*	235
240	41.2	389.7	45,600	59,500*	240
245	39.5	383.7	44,000	57,700*	245
250	37.7	377.2	42,400	56,000*	250
255	35.8	370.4	40,900	54,400*	255
260	33.8	363.0	39,400	52,800*	260
265	31.7	355.1	38,000	51,200*	265
270	29.4	346.4	36,600	49,200*	270
275	27.0	336.8	35,300	47,300*	275
280	24.4	326.2	34,000	45,500*	280
285	21.4	314.0	32,700	43,700*	285
290	18.0	299.5	31,500	41,900*	290
295	13.7	281.3	30,300	39,600*	295
300	7.2	252.6	29,000	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 42.7 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	
190	61.2	441.5	56,500	68,800*									190
195	59.9	438.6	54,200	68,800*									195
200	58.6	435.6	51,900	68,800*									200
205	57.2	432.4	49,800	68,800*									205
210	55.9	429.0	47,800	68,800*									210
215	54.5	425.5	45,900	68,800*									215
220	53.1	421.7	44,100	68,800*									220
225	51.7	417.8	42,300	68,800*	56.7	425.1	33,700	62,900*					225
230	50.2	413.7	40,600	68,800*	55.4	421.7	32,300	62,900*					230
235	48.7	409.3	39,000	68,800*	54.0	418.1	30,900	62,900*					235
240	47.2	404.7	37,500	68,800*	52.6	414.3	29,500	62,900*					240
245	45.7	399.9	36,000	68,800*	51.1	410.3	28,200	62,900*					245
250	44.1	394.7	34,600	67,000*	49.7	406.0	27,000	62,900*					250
255	42.4	389.3	33,300	64,400*	48.2	401.6	25,800	62,900*					255
260	40.7	383.5	32,000	61,800*	46.6	396.9	24,700	62,900*	51.8	404.7	17,500	57,400*	260
265	38.9	377.4	30,700	59,400*	45.1	391.9	23,600	62,900*	50.4	400.6	16,600	57,400*	265
270	37.1	370.9	29,500	57,100*	43.4	386.7	22,500	62,900*	48.9	396.3	15,700	57,400*	270
275	35.2	363.9	28,300	54,900*	41.8	381.1	21,500	62,900*	47.4	391.7	14,800	57,400*	275
280	33.1	356.4	27,200	52,800*	40.0	375.3	20,500	61,100*	45.8	386.9	13,900	57,400*	280
285	31.0	348.2	26,100	50,800*	38.2	369.0	19,500	58,700*	44.2	381.8	13,100	56,200	285
290	28.7	339.3	25,000	48,900*	36.4	362.3	18,600	56,500*	42.6	376.4	12,300	54,700	290
295	26.2	329.4	24,000	47,000*	34.4	355.1	17,700	54,300*	40.9	370.7	11,500	53,300	295
300	23.5	318.4	23,000	45,200*	32.3	347.3	16,800	52,300*	39.1	364.6	10,700	51,900*	300
305	20.5	305.6	22,000	43,400*	30.1	338.9	16,000	50,300*	37.3	358.1	10,000	50,500*	305
310	16.8	290.3	21,000	41,700*	27.8	329.6	15,100	48,400*	35.4	351.2	9,300	49,100*	310
315	12.2	270.1	20,000	40,000*	25.2	319.3	14,300	46,600*	33.4	343.7	8,600	47,700*	315
320	3.0	229.6	18,900	34,400*	22.4	307.7	13,500	44,800*	31.2	335.6	7,900	46,400*	320
325					19.1	294.1	12,700	43,000*	29.0	326.8	7,300	45,200*	325
330					15.2	277.3	12,000	41,300*	26.5	317.1	6,600	43,900*	330
335					9.8	253.6	11,100	39,500*	23.8	306.1	6,000	42,700*	335
340									20.8	293.6	5,400	41,500*	340
345									17.3	278.6	4,700	40,300*	345
350									12.8	259.2	4,100	39,200*	350
355									5.0	225.0	3,400	37,900*	355

Liftcrane Luffing Jib Capacities

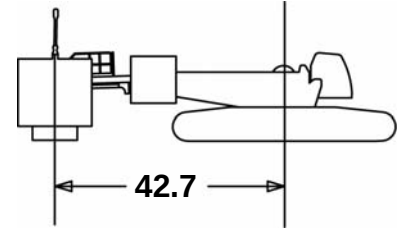
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



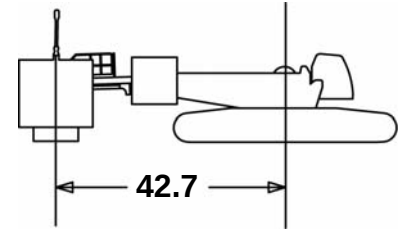
16000 MAX-ER

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	
210	54.0	444.3	55,300	62,700*	210
215	52.7	440.5	53,200	62,500*	215
220	51.3	436.6	51,100	62,300*	220
225	50.0	432.4	49,200	61,100*	225
230	48.6	428.0	47,300	59,700*	230
235	47.2	423.4	45,500	58,300*	235
240	45.7	418.5	43,800	56,800*	240
245	44.3	413.5	42,200	55,300*	245
250	42.7	408.1	40,600	53,900*	250
255	41.2	402.4	39,100	52,500*	255
260	39.5	396.4	37,600	51,100*	260
265	37.9	390.0	36,200	49,700*	265
270	36.1	383.3	34,900	48,200*	270
275	34.3	376.0	33,600	46,300*	275
280	32.4	368.3	32,300	44,500*	280
285	30.3	359.9	31,100	42,800*	285
290	28.2	350.8	29,900	41,100*	290
295	25.8	340.7	28,800	39,400*	295
300	23.3	329.5	27,600	37,800*	300
305	20.4	316.7	26,500	36,300*	305
310	17.1	301.5	25,500	34,800*	310
315	12.9	282.1	24,400	32,400*	315
320	6.3	250.8	23,300	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
210	58.6	452.6	45,700	58,100*									210
215	57.4	449.4	43,800	58,100*									215
220	56.1	446.0	42,000	58,100*									220
225	54.9	442.5	40,200	58,100*									225
230	53.6	438.9	38,600	58,100*									230
235	52.3	435.0	37,000	58,100*	56.9	442.1	28,700	52,800*					235
240	50.9	431.0	35,500	58,100*	55.7	438.7	27,300	52,800*					240
245	49.6	426.7	34,000	58,100*	54.4	435.2	26,000	52,800*					245
250	48.2	422.3	32,600	58,100*	53.1	431.4	24,800	52,800*					250
255	46.8	417.6	31,300	58,100*	51.8	427.5	23,600	52,800*					255
260	45.3	412.7	30,000	58,100*	50.4	423.4	22,500	52,800*					260
265	43.8	407.5	28,800	58,100*	49.0	419.1	21,400	52,800*					265
270	42.3	402.1	27,600	56,200*	47.6	414.5	20,400	52,800*	52.4	421.9	13,400	47,900*	270
275	40.7	396.3	26,400	54,000*	46.2	409.8	19,400	52,800*	51.1	417.9	12,500	47,900*	275
280	39.0	390.2	25,300	51,900*	44.7	404.7	18,400	52,800*	49.7	413.7	11,700	47,900*	280
285	37.3	383.7	24,200	49,800*	43.2	399.5	17,500	52,800*	48.3	409.3	10,800	47,900*	285
290	35.6	376.8	23,200	47,900*	41.7	393.9	16,500	52,800*	46.9	404.6	10,100	47,900*	290
295	33.7	369.4	22,200	46,000*	40.1	388.0	15,700	52,800*	45.5	399.7	9,300	47,900*	295
300	31.8	361.5	21,200	44,200*	38.4	381.8	14,800	51,300*	44.0	394.6	8,600	47,900*	300
305	29.7	352.9	20,200	42,500*	36.7	375.1	14,000	49,300*	42.4	389.2	7,800	47,900*	305
310	27.5	343.5	19,300	40,800*	34.9	368.0	13,200	47,400*	40.9	383.4	7,200	46,700*	310
315	25.1	333.1	18,400	39,200*	33.0	360.5	12,400	45,600*	39.2	377.4	6,500	45,400*	315
320	22.5	321.5	17,500	37,600*	31.0	352.3	11,600	43,800*	37.5	370.9	5,800	44,100*	320
325	19.5	308.1	16,700	36,100*	28.9	343.4	10,900	42,100*	35.8	364.1	5,200	42,900*	325
330	16.0	291.9	15,800	34,600*	26.6	333.6	10,200	40,400*	33.9	356.7	4,600	41,700*	330
335	11.4	270.5	14,900	33,000*	24.1	322.8	9,500	38,800*	32.0	348.9	4,000	40,500*	335
340					21.4	310.6	8,800	37,300*	29.9	340.4	3,400	39,300*	340
345					18.2	296.2	8,100	35,700*	27.7	331.1	2,800	38,200*	345
350					14.4	278.5	7,400	34,200*	25.4	320.8	2,200	37,100*	350
355					9.0	253.1	6,600	32,700*	22.8	309.3	1,700	36,000*	355
360									19.8	296.1		35,000*	360
365									16.4	280.3		33,900*	365
370									12.0	259.7		32,900*	370
375									3.8	221.0		31,800*	375

Liftcrane Luffing Jib Capacities

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

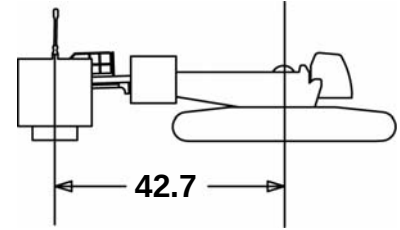
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



16000 MAX-ER

236.2 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	64.9	312.6	212,300	264,100*b	85
90	60.7	309.8	198,200	252,600*b	90
95	56.4	306.5	185,700	240,700*b	95
100	51.8	302.6	174,600	228,800*b	100
105	46.8	298.0	164,500	216,800*	105
110	41.4	292.5	155,400	204,900*	110
115	35.3	285.7	147,000	192,900*	115
120	27.9	277.0	139,300	180,700*	120
125	17.8	263.9	132,100	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

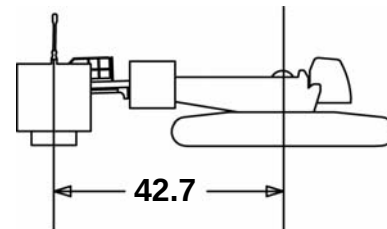
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 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	
85													85
90													90
95													95
100													100
105													105
110	60.9	305.1	138,200	233,700*b									110
115	56.5	301.9	130,900	222,700*b									115
120	51.9	298.0	124,200	212,600*b									120
125	47.0	293.5	118,000	203,400*									125
130	41.6	288.0	112,200	193,800*									130
135	35.5	281.3	106,900	182,800*	56.3	295.2	93,600	177,400*b					135
140	28.3	272.6	101,900	171,500*	51.7	291.3	89,300	170,100b					140
145	18.3	259.8	97,100	159,200*	46.7	286.7	85,300	163,100					145
150					41.3	281.1	81,500	156,600					150
155					35.1	274.3	77,900	150,500					155
160					27.8	265.5	74,500	144,800	50.8	282.3	63,900	136,600b	160
165					17.5	252.3	71,200	139,300	45.7	277.5	61,200	131,600	165
170									40.2	271.8	58,600	126,900	170
175									33.9	264.7	56,200	122,500	175
180									26.1	255.3	53,800	118,200	180
185									14.7	240.4	51,300	114,100	185

Liftcrane Luffing Jib Capacities

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

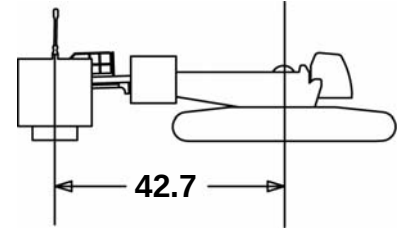
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



16000 MAX-ER

236.2 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	
90	67.0	332.0	197,300	230,700*b	90
95	63.8	329.5	184,800	228,800*b	95
100	60.5	326.7	173,700	220,200*b	100
105	57.0	323.5	163,700	211,400*	105
110	53.4	319.8	154,700	202,500*	110
115	49.6	315.6	146,500	193,700*	115
120	45.5	310.8	139,000	184,900*	120
125	41.2	305.2	132,100	176,100*	125
130	36.4	298.7	125,700	167,300*	130
135	30.9	290.7	119,800	158,300*	135
140	24.3	280.5	114,300	149,100*	140
145	14.9	265.2	109,000	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

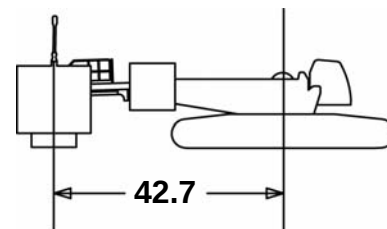
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 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	122,900	206,700*b									120
125	57.1	318.9	116,800	199,300*									125
130	53.5	315.2	111,200	191,600*									130
135	49.7	311.1	106,000	183,700*									135
140	45.7	306.3	101,100	175,900*									140
145	41.4	300.7	96,600	167,800*	56.9	312.2	83,800	161,800					145
150	36.6	294.2	92,400	159,500*	53.3	308.5	80,200	155,400					150
155	31.1	286.3	88,500	151,300*	49.5	304.3	76,700	149,400					155
160	24.6	276.2	84,700	142,600*	45.5	299.5	73,500	143,800					160
165	15.4	261.2	81,000	133,100*	41.1	293.9	70,500	138,500					165
170					36.3	287.3	67,600	133,600	52.6	299.6	57,100	125,600	170
175					30.8	279.3	64,800	128,900	48.8	295.3	54,800	121,300	175
180					24.1	269.0	62,200	124,500	44.7	290.3	52,600	117,200	180
185					14.6	253.5	59,500	120,200	40.2	284.5	50,500	113,300	185
190									35.3	277.7	48,400	109,600	190
195									29.6	269.4	46,500	106,100	195
200									22.7	258.5	44,600	102,700	200
205									12.0	240.8	42,600	99,400	205

Liftcrane Luffing Jib Capacities

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

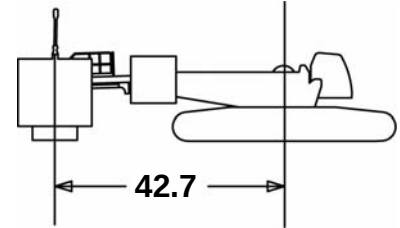
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



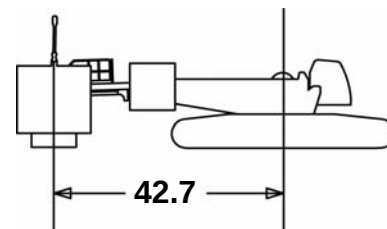
16000 MAX-ER

236.2 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	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	
100	65.8	349.0	172,000	198,100*	100
105	63.1	346.5	162,000	197,900*	105
110	60.3	343.7	153,000	192,200*	110
115	57.4	340.5	144,900	184,900*	115
120	54.5	337.0	137,400	177,400*	120
125	51.4	333.0	130,600	169,800*	125
130	48.1	328.6	124,400	162,200*	130
135	44.7	323.6	118,600	154,700*	135
140	41.0	318.0	113,200	147,600*	140
145	37.1	311.5	108,200	140,800*	145
150	32.7	304.0	103,500	134,500*	150
155	27.7	295.0	99,100	128,800*	155
160	21.6	283.4	94,900	123,900*	160
165	12.7	265.9	90,800	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100													100
105													105
110													110
115													115
120													120
125													125
130	60.4	339.0	109,100	181,600*									130
135	57.5	335.9	104,000	176,000*									135
140	54.6	332.4	99,200	170,100*									140
145	51.5	328.4	94,800	164,100*									145
150	48.2	324.0	90,700	157,900*									150
155	44.8	319.1	86,800	151,900*	57.4	329.2	74,500	147,500					155
160	41.2	313.5	83,200	145,600*	54.4	325.6	71,300	142,000					160
165	37.2	307.1	79,800	139,300*	51.3	321.7	68,400	136,800					165
170	32.9	299.6	76,600	132,900*	48.0	317.2	65,600	131,900					170
175	27.9	290.6	73,500	126,400*	44.6	312.3	62,900	127,300					175
180	21.9	279.2	70,600	119,600*	41.0	306.6	60,400	123,000					180
185	13.2	262.0	67,600	111,900*	37.0	300.2	58,100	118,900	50.7	312.7	48,200	111,400	185
190					32.6	292.6	55,800	115,000	47.4	308.2	46,300	107,800	190
195					27.6	283.5	53,600	111,400	44.0	303.1	44,400	104,400	195
200					21.4	271.9	51,500	107,800	40.2	297.3	42,700	101,100	200
205					12.5	254.1	49,300	104,400	36.2	290.7	41,000	98,000	205
210									31.7	282.9	39,300	95,000	210
215									26.5	273.4	37,700	92,200	215
220									20.1	261.1	36,200	89,500	220
225									9.8	240.5	34,500	86,700	225

Liftcrane Luffing Jib Capacities

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

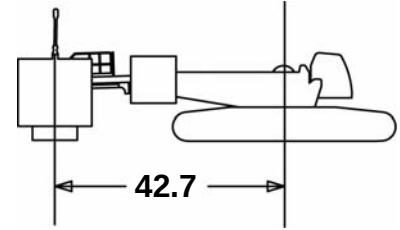
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



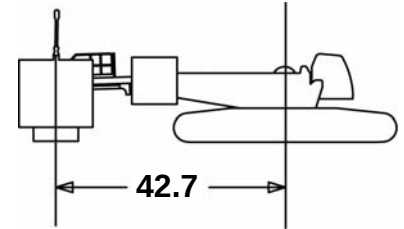
16000 MAX-ER

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	
110	64.9	366.1	151,700	170,700*	110
115	62.6	363.5	143,600	170,700*	115
120	60.2	360.6	136,200	165,800*	120
125	57.7	357.5	129,400	160,000*	125
130	55.2	354.0	123,200	154,100*	130
135	52.6	350.2	117,400	147,900*	135
140	49.9	346.1	112,100	141,800*	140
145	47.1	341.5	107,100	135,700*	145
150	44.1	336.4	102,500	129,800*	150
155	40.9	330.7	98,200	124,200*	155
160	37.6	324.4	94,200	118,800*	160
165	33.9	317.1	90,400	113,700*	165
170	29.9	308.8	86,800	108,900*	170
175	25.2	298.7	83,400	104,700*	175
180	19.5	285.9	80,100	101,200*	180
185	11.0	266.0	76,800	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
110													110
115													115
120													120
125													125
130													130
135	62.7	358.8	102,400	162,100*									135
140	60.3	356.0	97,700	161,600*									140
145	57.8	352.9	93,300	157,300*									145
150	55.3	349.4	89,200	152,800*									150
155	52.7	345.6	85,400	148,000*									155
160	50.0	341.5	81,800	143,200*									160
165	47.2	336.9	78,500	138,400*	57.7	346.2	66,700	135,300					165
170	44.2	331.9	75,300	133,400*	55.1	342.7	63,900	130,500					170
175	41.1	326.2	72,400	128,500*	52.5	338.9	61,300	125,900					175
180	37.7	319.9	69,600	123,500*	49.8	334.7	58,900	121,700					180
185	34.1	312.7	66,900	118,400*	47.0	330.1	56,600	117,600					185
190	30.0	304.4	64,300	113,300*	44.0	325.0	54,400	113,800					190
195	25.4	294.4	61,900	108,000*	40.9	319.4	52,300	110,200	52.0	330.0	42,700	102,900	195
200	19.7	281.7	59,500	102,300*	37.5	313.0	50,300	106,800	49.3	325.7	41,000	99,700	200
205	11.4	262.3	57,100	95,900*	33.8	305.7	48,400	103,500	46.4	321.0	39,400	96,600	205
210					29.8	297.3	46,500	100,400	43.4	315.8	37,800	93,700	210
215					25.1	287.2	44,700	97,400	40.3	310.0	36,300	91,000	215
220					19.3	274.3	43,000	94,500	36.8	303.5	34,900	88,300	220
225					10.7	254.1	41,200	91,200*	33.1	296.1	33,500	85,800	225
230									29.0	287.4	32,100	83,400	230
235									24.1	276.9	30,800	81,000	235
240									18.0	263.2	29,500	78,700	240
245									8.0	239.5	28,100	76,400	245

Liftcrane Luffing Jib Capacities

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

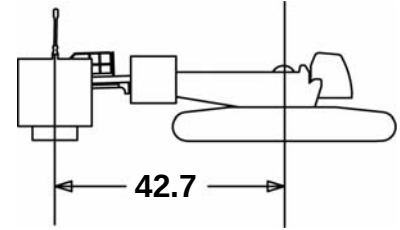
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



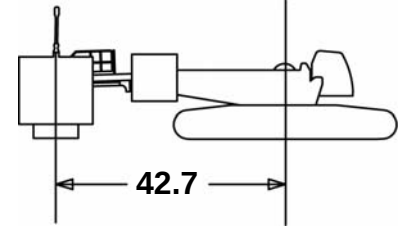
16000 MAX-ER

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	
125	62.2	380.5	127,600	147,400*	125
130	60.1	377.6	121,400	143,800*	130
135	57.9	374.5	115,600	139,200*	135
140	55.7	371.1	110,300	134,500*	140
145	53.5	367.4	105,400	129,600*	145
150	51.2	363.4	100,800	124,600*	150
155	48.8	359.1	96,600	119,700*	155
160	46.2	354.3	92,600	114,900*	160
165	43.6	349.1	88,800	110,200*	165
170	40.9	343.5	85,300	105,600*	170
175	37.9	337.2	82,000	101,300*	175
180	34.8	330.1	78,800	97,200*	180
185	31.4	322.2	75,800	93,300*	185
190	27.6	313.0	73,000	89,800*	190
195	23.2	302.0	70,200	86,600*	195
200	17.7	287.9	67,600	84,000*	200
205	9.4	265.6	64,900	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
125													125
130													130
135													135
140													140
145	62.3	375.8	91,100	138,800*									145
150	60.2	373.0	87,100	138,800*									150
155	58.0	369.9	83,300	138,800*									155
160	55.8	366.5	79,800	137,100*									160
165	53.6	362.8	76,500	133,400*									165
170	51.3	358.8	73,400	129,600*									170
175	48.8	354.5	70,400	125,700*	57.9	363.2	59,000	124,000					175
180	46.3	349.8	67,700	121,700*	55.7	359.8	56,600	119,800					180
185	43.7	344.6	65,100	117,700*	53.4	356.1	54,300	115,800					185
190	41.0	339.0	62,600	113,700*	51.1	352.1	52,200	112,000					190
195	38.1	332.7	60,200	109,600*	48.7	347.7	50,100	108,400					195
200	34.9	325.7	58,000	105,500*	46.2	343.0	48,200	105,000					200
205	31.5	317.8	55,800	101,300*	43.6	337.8	46,300	101,800					205
210	27.7	308.6	53,700	97,100*	40.8	332.1	44,600	98,700	50.7	343.1	35,500	91,800	210
215	23.4	297.7	51,700	92,700*	37.9	325.8	42,900	95,800	48.2	338.7	34,000	89,100	215
220	18.0	283.8	49,800	87,900*	34.7	318.8	41,200	93,000	45.7	333.9	32,600	86,500	220
225	9.9	262.1	47,800	82,400*	31.3	310.8	39,700	90,400	43.1	328.6	31,300	84,000	225
230					27.5	301.6	38,100	87,800	40.3	322.8	30,000	81,600	230
235					23.1	290.5	36,700	85,300	37.3	316.4	28,800	79,400	235
240					17.6	276.3	35,200	82,900	34.1	309.2	27,600	77,200	240
245					9.2	253.6	33,700	78,500*	30.6	301.0	26,500	75,100	245
250									26.7	291.5	25,300	73,000	250
255									22.2	280.0	24,200	71,100	255
260									16.4	264.9	23,100	69,100	260
265									6.3	237.6	21,900	67,200	265

Liftcrane Luffing Jib Capacities

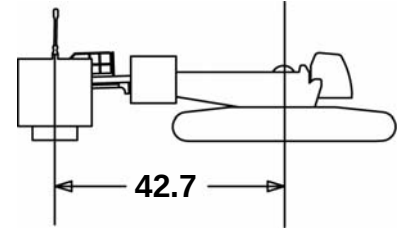
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



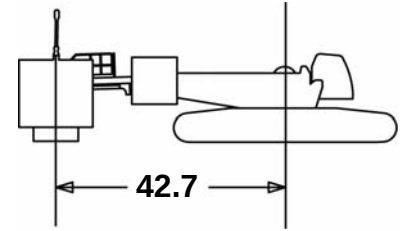
16000 MAX-ER

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	
140	60.0	394.5	108,900	125,600*	140
145	58.1	391.4	104,000	122,000*	145
150	56.2	388.1	99,400	118,200*	150
155	54.2	384.5	95,200	114,300*	155
160	52.1	380.7	91,200	110,400*	160
165	50.0	376.5	87,500	106,400*	165
170	47.9	372.0	84,000	102,400*	170
175	45.6	367.2	80,700	98,600*	175
180	43.3	361.9	77,600	94,800*	180
185	40.8	356.2	74,600	91,100*	185
190	38.2	350.0	71,800	87,600*	190
195	35.5	343.1	69,200	84,300*	195
200	32.5	335.4	66,600	81,000*	200
205	29.3	326.8	64,200	78,100*	205
210	25.7	316.8	61,900	75,400*	210
215	21.5	304.9	59,700	73,100*	215
220	16.3	289.6	57,500	71,100*	220
225	8.1	264.6	55,300	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
140													140
145													145
150													150
155	62.0	392.8	81,700	119,000*									155
160	60.1	389.9	78,200	119,000*									160
165	58.2	386.8	74,900	119,000*									165
170	56.2	383.5	71,800	119,000*									170
175	54.3	379.9	68,900	119,000*									175
180	52.2	376.1	66,100	116,700*									180
185	50.1	371.9	63,500	113,600*									185
190	47.9	367.5	61,100	110,400*	56.1	376.8	50,400	110,500					190
195	45.7	362.6	58,700	107,100*	54.1	373.2	48,400	107,000					195
200	43.4	357.4	56,500	103,900*	52.1	369.3	46,500	103,600					200
205	40.9	351.7	54,400	100,600*	50.0	365.2	44,700	100,400					205
210	38.3	345.5	52,400	97,200*	47.8	360.7	42,900	97,400					210
215	35.6	338.6	50,500	93,900*	45.6	355.8	41,300	94,500					215
220	32.6	331.0	48,600	90,400*	43.2	350.6	39,700	91,700	51.7	360.4	30,800	85,000	220
225	29.4	322.4	46,900	86,900*	40.8	344.9	38,100	89,100	49.6	356.2	29,500	82,600	225
230	25.8	312.5	45,200	83,400*	38.2	338.6	36,700	86,600	47.4	351.6	28,300	80,200	230
235	21.7	300.7	43,500	79,600*	35.4	331.7	35,300	84,100	45.1	346.7	27,100	77,900	235
240	16.5	285.5	41,900	75,600*	32.5	324.0	33,900	81,800	42.8	341.4	26,000	75,800	240
245	8.5	261.4	40,200	70,800*	29.2	315.4	32,600	79,600	40.3	335.5	24,800	73,700	245
250					25.6	305.4	31,300	77,500	37.7	329.2	23,800	71,700	250
255					21.4	293.4	30,100	75,400	34.9	322.1	22,700	69,800	255
260					16.2	278.0	28,800	72,100*	31.9	314.3	21,700	68,000	260
265					7.8	252.6	27,500	67,500*	28.6	305.4	20,800	66,200	265
270									24.9	295.1	19,800	64,500	270
275									20.5	282.7	18,900	62,800	275
280									15.0	266.2	17,900	61,100	280
285									4.5	234.2	16,800	59,400	285

Liftcrane Luffing Jib Capacities

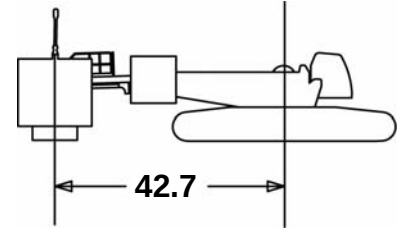
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



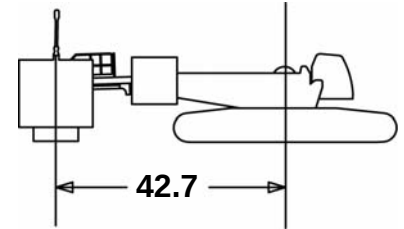
16000 MAX-ER

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	
150	60.0	411.5	97,600	109,200*	150
155	58.3	408.4	93,300	107,000*	155
160	56.5	405.1	89,400	104,000*	160
165	54.7	401.6	85,700	100,900*	165
170	52.9	397.8	82,200	97,800*	170
175	51.0	393.8	78,900	94,600*	175
180	49.1	389.5	75,800	91,400*	180
185	47.1	384.9	72,900	88,200*	185
190	45.1	380.0	70,100	85,100*	190
195	43.0	374.7	67,500	82,000*	195
200	40.8	369.0	65,000	79,100*	200
205	38.4	362.7	62,600	76,200*	205
210	36.0	356.0	60,400	73,400*	210
215	33.4	348.5	58,200	70,800*	215
220	30.6	340.3	56,200	68,400*	220
225	27.5	331.0	54,200	66,200*	225
230	24.1	320.3	52,200	64,100*	230
235	20.1	307.5	50,400	62,300*	235
240	15.0	291.0	48,600	60,800*	240
245	6.8	263.0	46,700	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
150													150
155													155
160													160
165	61.7	409.7	72,700	101,600*									165
170	60.0	406.9	69,600	101,600*									170
175	58.3	403.8	66,800	101,600*									175
180	56.6	400.5	64,000	101,600*									180
185	54.8	397.0	61,500	101,600*									185
190	53.0	393.2	59,000	101,600*									190
195	51.1	389.2	56,700	101,600*									195
200	49.2	385.0	54,600	100,500*	56.5	393.8	44,200	93,600*					200
205	47.2	380.4	52,500	97,800*	54.7	390.3	42,400	93,600*					205
210	45.2	375.4	50,500	95,100*	52.9	386.5	40,700	93,600*					210
215	43.1	370.1	48,600	92,400*	51.0	382.5	39,100	92,700					215
220	40.9	364.4	46,800	89,600*	49.1	378.2	37,500	90,000					220
225	38.5	358.2	45,100	86,800*	47.1	373.6	36,000	87,300					225
230	36.1	351.5	43,400	84,000*	45.1	368.6	34,600	84,800	52.5	377.6	26,000	78,300	230
235	33.5	344.1	41,800	81,100*	42.9	363.3	33,200	82,500	50.6	373.5	24,800	76,100	235
240	30.7	335.9	40,300	78,200*	40.7	357.6	31,900	80,200	48.7	369.2	23,700	73,900	240
245	27.6	326.7	38,800	75,200*	38.4	351.4	30,600	78,000	46.7	364.5	22,600	71,900	245
250	24.2	316.0	37,400	72,100*	35.9	344.6	29,400	75,900	44.7	359.5	21,600	69,900	250
255	20.2	303.3	36,000	68,900*	33.3	337.2	28,200	73,900	42.5	354.1	20,600	68,000	255
260	15.3	287.0	34,600	65,400*	30.5	328.9	27,100	71,900	40.3	348.3	19,600	66,200	260
265	7.3	260.0	33,100	61,100*	27.4	319.6	26,000	70,000	37.9	342.0	18,700	64,500	265
270					24.0	308.8	24,900	68,200	35.5	335.1	17,800	62,800	270
275					20.0	296.0	23,800	65,800*	32.8	327.5	16,900	61,200	275
280					14.9	279.3	22,700	62,400*	30.0	319.1	16,000	59,600	280
285					6.5	250.8	21,600	58,300*	26.8	309.5	15,200	58,100	285
290									23.3	298.4	14,400	56,600	290
295									19.1	285.0	13,600	55,200	295
300									13.7	267.2	12,700	53,700	300
305									1.9	227.0	11,700	52,200	305

Liftcrane Luffing Jib Capacities

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

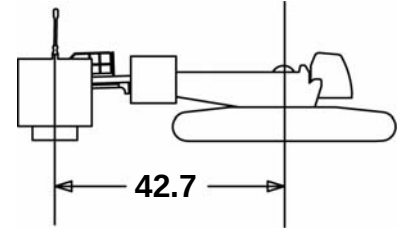
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



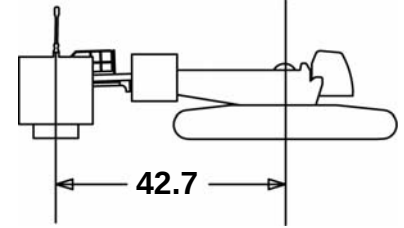
16000 MAX-ER

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	
165	58.4	425.4	83,800	94,000*	165
170	56.8	422.1	80,300	91,700*	170
175	55.2	418.6	77,000	89,200*	175
180	53.5	415.0	74,000	86,700*	180
185	51.9	411.1	71,100	84,200*	185
190	50.1	406.9	68,300	81,600*	190
195	48.4	402.5	65,700	79,000*	195
200	46.6	397.8	63,200	76,500*	200
205	44.7	392.8	60,900	74,000*	205
210	42.7	387.4	58,600	71,500*	210
215	40.7	381.7	56,500	69,100*	215
220	38.6	375.5	54,400	66,800*	220
225	36.4	368.9	52,500	64,600*	225
230	34.1	361.6	50,600	62,500*	230
235	31.6	353.6	48,800	60,500*	235
240	28.9	344.8	47,100	58,600*	240
245	26.0	334.9	45,400	56,800*	245
250	22.7	323.5	43,800	55,300*	250
255	18.8	309.8	42,200	53,900*	255
260	13.9	292.0	40,700	52,800*	260
265	5.5	260.6	39,000	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
165													165
170													170
175	61.5	426.7	64,700	87,300*									175
180	60.0	423.8	62,000	87,300*									180
185	58.4	420.7	59,400	87,300*									185
190	56.8	417.5	57,000	87,300*									190
195	55.2	414.0	54,700	87,300*									195
200	53.6	410.4	52,500	87,300*									200
205	51.9	406.5	50,500	87,300*									205
210	50.2	402.3	48,500	87,300*	56.8	410.8	38,500	80,100*					210
215	48.4	397.9	46,600	87,300*	55.1	407.4	36,900	80,100*					215
220	46.6	393.2	44,800	86,700*	53.5	403.7	35,400	80,100*					220
225	44.8	388.2	43,100	84,500*	51.8	399.8	33,900	80,100*					225
230	42.8	382.9	41,500	82,100*	50.1	395.6	32,500	80,100*					230
235	40.8	377.2	39,900	79,800*	48.3	391.2	31,100	80,100*					235
240	38.7	371.0	38,400	77,400*	46.5	386.5	29,800	78,500					240
245	36.5	364.4	37,000	74,900*	44.6	381.5	28,600	76,300	51.5	390.8	20,400	70,100	245
250	34.2	357.1	35,600	72,400*	42.7	376.1	27,400	74,200	49.8	386.6	19,400	68,100	250
255	31.7	349.2	34,200	69,600*	40.7	370.3	26,200	72,200	48.0	382.1	18,400	66,300	255
260	29.0	340.5	32,900	66,900*	38.6	364.2	25,100	70,300	46.2	377.4	17,400	64,500	260
265	26.1	330.6	31,700	64,300*	36.4	357.5	24,000	68,400	44.3	372.3	16,500	62,700	265
270	22.8	319.2	30,400	61,800*	34.0	350.2	23,000	66,700	42.3	366.9	15,600	61,100	270
275	19.0	305.7	29,200	59,400*	31.5	342.2	22,000	64,900	40.3	361.0	14,800	59,500	275
280	14.2	288.1	28,000	56,400*	28.9	333.4	21,000	63,300	38.2	354.8	14,000	57,900	280
285	6.1	258.0	26,700	51,000*	25.9	323.5	20,100	61,700	35.9	348.0	13,200	56,400	285
290					22.6	312.0	19,100	59,500*	33.6	340.6	12,400	55,000	290
295					18.7	298.3	18,200	56,800*	31.1	332.5	11,600	53,600	295
300					13.8	280.4	17,300	53,800*	28.3	323.5	10,900	52,200	300
305					5.2	248.1	16,200	50,000*	25.3	313.3	10,200	50,900	305
310									21.9	301.5	9,500	49,600*	310
315									17.9	287.1	8,800	48,200*	315
320									12.7	268.0	8,000	46,800*	320

Liftcrane Luffing Jib Capacities

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

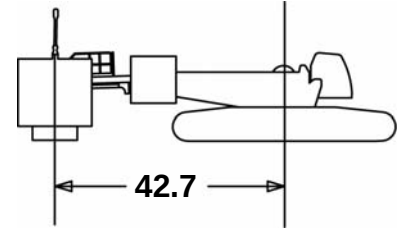
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



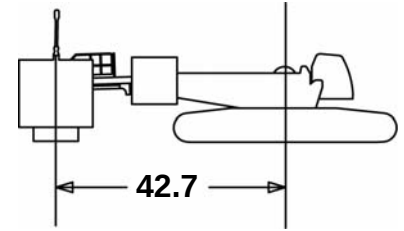
16000 MAX-ER

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	
180	57.0	439.1	72,200	80,700*	180
185	55.5	435.7	69,300	78,800*	185
190	54.0	432.1	66,500	76,800*	190
195	52.5	428.3	63,900	74,800*	195
200	51.0	424.2	61,500	72,700*	200
205	49.4	420.0	59,100	70,700*	205
210	47.7	415.5	56,900	68,600*	210
215	46.1	410.7	54,800	66,600*	215
220	44.3	405.6	52,800	64,600*	220
225	42.5	400.2	50,800	62,600*	225
230	40.7	394.5	49,000	60,700*	230
235	38.8	388.3	47,200	58,700*	235
240	36.8	381.7	45,500	56,900*	240
245	34.7	374.6	43,900	55,200*	245
250	32.4	366.9	42,300	53,600*	250
255	30.0	358.4	40,800	52,000*	255
260	27.5	349.0	39,300	50,500*	260
265	24.6	338.5	37,900	49,200*	265
270	21.5	326.4	36,500	47,900*	270
275	17.7	311.9	35,200	46,900*	275
280	13.0	292.9	33,800	45,700*	280
285	4.2	257.0	32,400	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
180	62.7	446.4	59,900	74,500*									180
185	61.3	443.7	57,400	74,500*									185
190	59.9	440.8	55,000	74,500*									190
195	58.5	437.7	52,700	74,500*									195
200	57.1	434.5	50,500	74,500*									200
205	55.6	431.1	48,500	74,500*									205
210	54.1	427.5	46,500	74,500*									210
215	52.6	423.7	44,700	74,500*									215
220	51.0	419.6	42,900	74,500*	57.0	427.8	33,200	68,500*					220
225	49.4	415.4	41,200	74,500*	55.5	424.4	31,700	68,500*					225
230	47.8	410.9	39,600	74,500*	54.0	420.8	30,400	68,500*					230
235	46.1	406.1	38,100	74,500*	52.5	417.0	29,000	68,500*					235
240	44.4	401.0	36,600	74,500*	50.9	412.9	27,700	68,500*					240
245	42.6	395.7	35,100	73,100*	49.3	408.6	26,500	68,500*					245
250	40.8	389.9	33,800	71,000*	47.7	404.1	25,300	68,500*					250
255	38.9	383.8	32,500	68,500*	46.0	399.3	24,200	68,500*	52.2	408.0	16,100	62,600*	255
260	36.8	377.2	31,200	65,800*	44.3	394.3	23,100	68,500*	50.6	404.0	15,200	62,600*	260
265	34.7	370.1	30,000	63,200*	42.5	388.9	22,100	66,800	49.0	399.6	14,300	61,000	265
270	32.5	362.4	28,800	60,800*	40.7	383.1	21,100	65,100	47.4	395.1	13,500	59,300	270
275	30.1	354.0	27,600	58,400*	38.7	376.9	20,100	63,400	45.7	390.2	12,700	57,800	275
280	27.6	344.7	26,500	56,200*	36.7	370.3	19,100	61,700	44.0	385.1	11,900	56,200*	280
285	24.8	334.2	25,400	54,000*	34.6	363.2	18,200	60,100	42.2	379.6	11,100	54,600*	285
290	21.6	322.2	24,400	51,900*	32.4	355.5	17,300	58,600	40.3	373.8	10,300	53,100*	290
295	17.9	307.7	23,300	49,900*	30.0	347.0	16,400	57,100	38.4	367.5	9,600	51,600*	295
300	13.2	289.0	22,300	47,800*	27.4	337.6	15,600	55,700*	36.3	360.9	8,900	50,200*	300
305	4.9	255.1	21,100	42,000*	24.6	327.1	14,800	53,500*	34.2	353.6	8,200	48,800*	305
310					21.4	314.9	14,000	51,300*	31.9	345.7	7,600	47,500*	310
315					17.7	300.3	13,200	48,900*	29.5	337.1	6,900	46,200*	315
320					12.8	281.1	12,300	46,200*	26.9	327.5	6,300	44,900*	320
325					3.7	244.0	11,400	42,800*	24.0	316.7	5,600	43,600*	325
330									20.7	304.2	5,000	42,400*	330
335									16.9	289.0	4,400	41,200*	335
340									11.7	268.4	3,700	40,000*	340

Liftcrane Luffing Jib Capacities

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

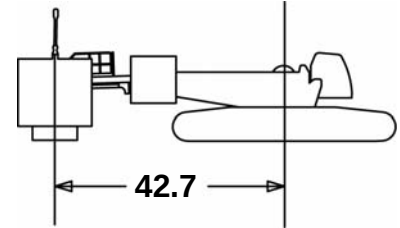
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



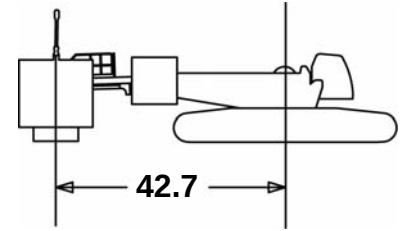
16000 MAX-ER

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	
195	55.9	452.7	62,400	69,600*	195
200	54.5	449.2	59,900	68,000*	200
205	53.1	445.4	57,600	66,500*	205
210	51.7	441.5	55,400	64,800*	210
215	50.2	437.3	53,300	63,100*	215
220	48.7	433.0	51,300	61,400*	220
225	47.2	428.4	49,300	59,800*	225
230	45.6	423.5	47,500	58,100*	230
235	44.0	418.4	45,700	56,500*	235
240	42.4	413.0	44,100	54,800*	240
245	40.7	407.2	42,400	53,300*	245
250	38.9	401.1	40,900	51,800*	250
255	37.1	394.5	39,400	50,300*	255
260	35.1	387.5	38,000	48,900*	260
265	33.1	380.0	36,600	47,500*	265
270	31.0	371.8	35,200	46,200*	270
275	28.7	362.9	33,900	45,000*	275
280	26.2	353.0	32,700	43,900*	280
285	23.5	341.9	31,400	42,800*	285
290	20.4	329.1	30,300	41,900*	290
295	16.8	313.7	29,100	41,100*	295
300	12.1	293.4	27,900	37,700*	300
305	2.5	250.8	26,600	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
195	61.2	460.6	50,900	64,000*									195
200	59.9	457.7	48,800	64,000*									200
205	58.6	454.7	46,800	64,000*									205
210	57.3	451.5	44,800	64,000*									210
215	55.9	448.1	43,000	64,000*									215
220	54.5	444.6	41,200	64,000*									220
225	53.1	440.8	39,500	64,000*									225
230	51.7	436.9	37,900	64,000*	57.2	444.8	28,500	58,300*					230
235	50.3	432.8	36,400	64,000*	55.8	441.4	27,200	58,300*					235
240	48.8	428.4	34,900	64,000*	54.5	437.9	26,000	58,300*					240
245	47.3	423.8	33,500	64,000*	53.1	434.1	24,700	58,300*					245
250	45.7	419.0	32,200	64,000*	51.6	430.2	23,600	58,300*					250
255	44.1	413.9	30,900	64,000*	50.2	426.0	22,500	58,300*					255
260	42.4	408.4	29,600	64,000*	48.7	421.6	21,400	58,300*					260
265	40.7	402.7	28,400	61,900*	47.2	417.0	20,300	58,300*	52.8	425.2	12,500	52,800*	265
270	39.0	396.6	27,200	59,500*	45.6	412.2	19,300	58,300*	51.4	421.2	11,600	52,800*	270
275	37.1	390.0	26,100	57,200*	44.0	407.0	18,400	58,300*	49.9	417.0	10,800	52,800*	275
280	35.2	383.0	25,000	55,000*	42.3	401.6	17,400	58,300*	48.4	412.6	10,000	52,800*	280
285	33.2	375.5	24,000	52,900*	40.6	395.8	16,500	58,300*	46.9	408.0	9,300	52,700*	285
290	31.0	367.4	22,900	50,900*	38.9	389.7	15,700	57,300	45.3	403.1	8,600	51,200*	290
295	28.8	358.5	22,000	48,900*	37.0	383.1	14,800	55,800	43.7	397.9	7,800	49,700*	295
300	26.3	348.6	21,000	47,100*	35.1	376.1	14,000	54,400	42.0	392.4	7,200	48,300*	300
305	23.6	337.6	20,000	45,300*	33.1	368.6	13,200	53,000*	40.3	386.5	6,500	46,900*	305
310	20.5	324.9	19,100	43,500*	30.9	360.4	12,400	51,000*	38.5	380.3	5,800	45,600*	310
315	16.9	309.6	18,200	41,700*	28.6	351.4	11,700	49,100*	36.7	373.7	5,200	44,300*	315
320	12.3	289.6	17,300	40,000*	26.1	341.5	10,900	47,200*	34.7	366.6	4,600	43,000*	320
325	3.5	250.6	16,200	34,200*	23.4	330.4	10,200	45,400*	32.7	358.9	4,000	41,800*	325
330					20.3	317.6	9,500	43,600*	30.5	350.6	3,400	40,600*	330
335					16.7	302.1	8,800	41,900*	28.2	341.5	2,800	39,500*	335
340					12.0	281.6	8,100	39,700*	25.6	331.4	2,300	38,400*	340
345					1.5	235.2	7,100	35,600*	22.9	320.0	1,700	37,300*	345
350									19.7	306.7		36,200*	350
355									15.9	290.6		35,100*	355
360									10.8	268.6		34,000*	360

Liftcrane Luffing Jib Capacities

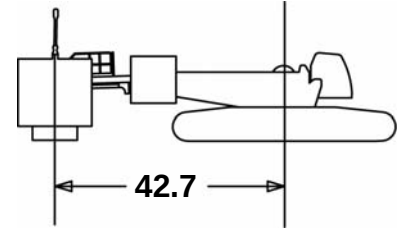
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



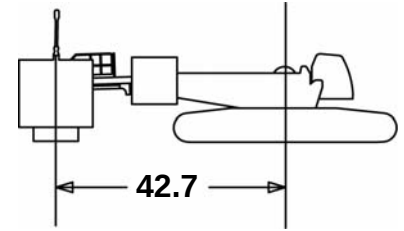
16000 MAX-ER

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	
215	53.6	462.5	51,400	58,600*	215
220	52.2	458.7	49,400	57,400*	220
225	50.9	454.6	47,500	56,100*	225
230	49.5	450.4	45,600	54,800*	230
235	48.2	446.0	43,900	53,500*	235
240	46.7	441.3	42,200	52,200*	240
245	45.3	436.4	40,600	50,800*	245
250	43.8	431.2	39,100	49,500*	250
255	42.2	425.7	37,600	48,300*	255
260	40.7	419.9	36,200	47,000*	260
265	39.0	413.8	34,800	45,800*	265
270	37.3	407.3	33,500	44,600*	270
275	35.5	400.4	32,200	43,500*	275
280	33.7	393.0	31,000	42,400*	280
285	31.7	385.1	29,800	41,300*	285
290	29.7	376.5	28,600	40,300*	290
295	27.4	367.1	27,500	39,300*	295
300	25.0	356.7	26,400	38,400*	300
305	22.4	345.0	25,300	37,300*	305
310	19.4	331.5	24,300	35,800*	310
315	15.9	315.3	23,300	34,300*	315
320	11.3	293.7	22,200	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
215	58.7	471.6	40,800	54,400*									215
220	57.4	468.5	39,100	54,400*									220
225	56.2	465.1	37,400	54,400*									225
230	54.9	461.6	35,800	54,400*									230
235	53.6	457.9	34,300	54,400*									235
240	52.3	454.1	32,900	54,400*	57.3	461.8	23,700	49,300*					240
245	51.0	450.1	31,500	54,400*	56.1	458.4	22,500	49,300*					245
250	49.6	445.8	30,100	54,400*	54.8	454.9	21,300	49,300*					250
255	48.2	441.4	28,800	54,400*	53.5	451.2	20,200	49,300*					255
260	46.8	436.7	27,600	54,400*	52.2	447.4	19,200	49,300*					260
265	45.3	431.8	26,400	54,400*	50.9	443.3	18,100	49,300*					265
270	43.8	426.6	25,300	54,400*	49.5	439.1	17,200	49,300*					270
275	42.3	421.2	24,100	54,400*	48.1	434.6	16,200	49,300*					275
280	40.7	415.4	23,100	54,000*	46.7	429.9	15,300	49,300*	52.0	438.5	7,700	45,000*	280
285	39.1	409.3	22,000	51,900*	45.2	425.0	14,400	49,300*	50.6	434.4	7,000	45,000*	285
290	37.4	402.9	21,000	49,900*	43.7	419.8	13,600	49,300*	49.3	430.1	6,300	45,000*	290
295	35.6	396.0	20,100	47,900*	42.2	414.4	12,700	49,300*	47.9	425.6	5,600	45,000*	295
300	33.7	388.6	19,100	46,100*	40.6	408.6	11,900	49,300*	46.4	420.9	4,900	45,000*	300
305	31.8	380.6	18,200	44,300*	39.0	402.5	11,200	49,300*	45.0	415.9	4,300	44,500*	305
310	29.7	372.1	17,300	42,500*	37.3	396.0	10,400	49,300*	43.5	410.6	3,600	43,200*	310
315	27.5	362.7	16,500	40,900*	35.5	389.0	9,700	48,000*	41.9	405.1	3,000	41,900*	315
320	25.1	352.4	15,600	39,200*	33.6	381.6	9,000	46,200*	40.3	399.3	2,400	40,700*	320
325	22.5	340.7	14,800	37,700*	31.7	373.7	8,300	44,400*	38.7	393.1	1,800	39,500*	325
330	19.5	327.4	14,000	36,100*	29.6	365.0	7,600	42,700*	36.9	386.5		38,300*	330
335	16.0	311.2	13,200	34,600*	27.4	355.6	6,900	41,000*	35.2	379.5		37,200*	335
340	11.5	290.0	12,400	33,100*	25.0	345.2	6,300	39,400*	33.3	372.0		36,100*	340
345	1.1	240.6	11,300	26,500*	22.3	333.5	5,600	37,800*	31.3	363.9		35,000*	345
350					19.3	320.0	5,000	36,300*	29.2	355.2		34,000*	350
355					15.8	303.7	4,400	34,800*	27.0	345.6		33,000*	355
360					11.2	281.9	3,700	32,900*	24.5	335.0		32,000*	360
365									21.8	323.0		31,000*	365
370									18.7	309.0		30,000*	370
375									15.0	292.0		29,100*	375
380									10.0	268.4		28,100*	380

Liftcrane Luffing Jib Capacities

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

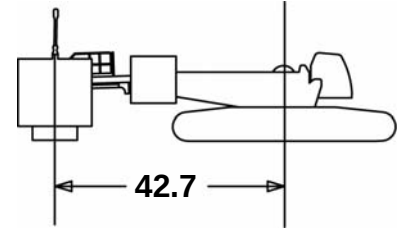
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



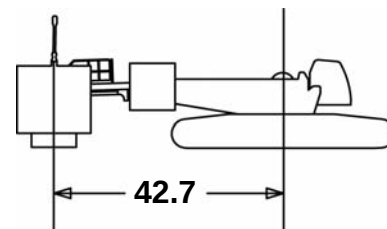
16000 MAX-ER

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	
90	63.6	331.1	194,800	221,700*b	90
95	59.4	328.2	182,500	212,600*b	95
100	54.9	324.7	171,500	203,400*b	100
105	50.2	320.6	161,600	194,200*b	105
110	45.2	315.8	152,600	185,000*	110
115	39.6	309.9	144,400	175,900*	115
120	33.1	302.6	136,900	166,600*	120
125	25.2	292.9	129,900	157,000*	125
130	12.8	276.7	123,200	146,400*	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 42.7 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	
90													90
95													95
100													100
105													105
110													110
115	61.0	324.2	126,300	213,000*b									115
120	56.6	321.0	119,800	205,200*b									120
125	52.0	317.1	113,800	197,000*b									125
130	47.1	312.6	108,300	188,500*									130
135	41.7	307.1	103,200	179,700*									135
140	35.7	300.4	98,400	170,700*	57.8	314.9	84,100	166,000b					140
145	28.4	291.8	93,900	161,600*	53.3	311.2	80,300	159,200b					145
150	18.5	279.2	89,500	151,500*	48.5	306.9	76,700	152,800					150
155					43.2	301.7	73,400	146,900					155
160					37.4	295.4	70,200	141,400					160
165					30.5	287.4	67,200	136,100	49.1	298.6	53,300	122,800b	165
170					21.6	276.2	64,200	131,100	43.9	293.6	51,000	118,500	170
175									38.2	287.4	48,900	114,500	175
180									31.5	279.7	46,800	110,600	180
185													185
190									23.0	269.2	44,800	106,900	190
195									6.7	247.4	42,400	103,100	195

Liftcrane Luffing Jib Capacities

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

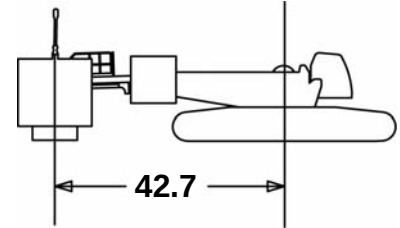
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



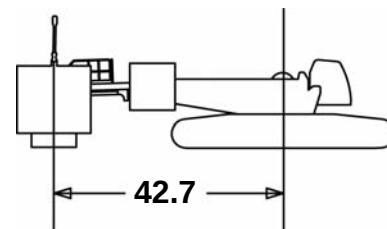
16000 MAX-ER

255.9 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100	62.8	348.1	170,500	191,900*b	100
105	59.4	345.1	160,700	185,600*b	105
110	55.9	341.8	151,800	178,600*	110
115	52.2	338.0	143,700	171,700*	115
120	48.3	333.6	136,300	164,700*	120
125	44.2	328.5	129,600	157,900*	125
130	39.7	322.7	123,300	151,000*	130
135	34.7	315.7	117,600	144,200*	135
140	29.0	307.2	112,200	137,200*	140
145	21.8	295.9	107,100	129,900*	145
150	10.1	276.4	102,000	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100													100
105													105
110													110
115													115
120													120
125	60.7	341.2	112,400	186,400*b									125
130	57.2	338.0	107,000	180,600*									130
135	53.6	334.3	102,000	174,500*									135
140	49.8	330.2	97,300	168,100*									140
145	45.8	325.4	93,000	161,600*									145
150	41.4	319.9	89,000	155,000*									150
155	36.7	313.4	85,100	148,400*	54.6	328.4	71,900	145,600					155
160	31.2	305.5	81,500	141,600*	50.8	324.3	68,900	140,200					160
165	24.7	295.4	78,100	134,400*	46.9	319.7	66,000	135,100					165
170	15.6	280.6	74,700	126,400*	42.6	314.4	63,300	130,200					170
175					38.0	308.2	60,700	125,700					175
180					32.8	300.8	58,300	121,400	51.3	316.0	47,400	113,200	180
185					26.6	291.4	55,900	117,400	47.4	311.5	45,400	109,400	185
190					18.5	278.4	53,500	113,400	43.2	306.3	43,600	105,900	190
195									38.6	300.2	41,800	102,500	195
200									33.5	293.0	40,100	99,300	200
205									27.5	284.0	38,400	96,200	205
210									19.8	271.6	36,800	93,200	210

Liftcrane Luffing Jib Capacities

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

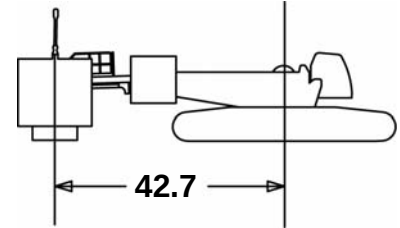
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115	59.4	362.1	142,000	163,900*	115
120	56.5	358.8	134,700	158,000*	120
125	53.5	355.1	128,000	151,900*	125
130	50.4	351.0	121,800	145,800*	130
135	47.1	346.5	116,100	139,800*	135
140	43.6	341.3	110,900	134,000*	140
145	39.8	335.4	106,000	128,400*	145
150	35.8	328.7	101,400	123,100*	150
155	31.2	320.7	97,100	118,200*	155
160	25.9	311.1	93,000	113,900*	160
165	19.3	298.3	89,100	109,600*	165
170	7.8	275.3	85,200	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

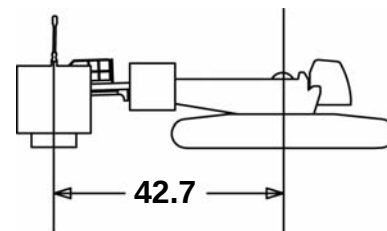
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115													115
120													120
125													125
130													130
135	60.5	358.1	99,900	162,600*									135
140	57.6	355.0	95,300	160,500*									140
145	54.6	351.5	91,000	155,800*									145
150	51.5	347.5	87,000	150,900*									150
155	48.3	343.1	83,300	145,900*									155
160	44.9	338.2	79,800	140,800*									160
165	41.3	332.6	76,500	135,600*	55.4	345.4	63,700	133,200					165
170	37.3	326.2	73,400	130,500*	52.4	341.6	61,100	128,400					170
175	33.0	318.8	70,500	125,200*	49.2	337.3	58,600	123,900					175
180	28.0	309.8	67,700	119,700*	45.8	332.6	56,300	119,700					180
185	22.0	298.5	65,000	113,800*	42.3	327.2	54,000	115,800					185
190	13.4	281.5	62,300	107,300*	38.4	321.0	51,900	112,000	52.8	333.3	41,200	103,900	190
195					34.2	313.9	49,800	108,400	49.6	329.1	39,500	100,600	195
200					29.4	305.4	47,900	105,000	46.3	324.4	37,900	97,500	200
205					23.7	294.8	46,000	101,800	42.7	319.1	36,400	94,500	205
210					16.2	280.1	44,100	98,600	38.9	313.0	34,900	91,600	210
215									34.8	306.0	33,400	88,900	215
220									30.1	297.8	32,000	86,300	220
225									24.6	287.5	30,700	83,800	225
230									17.4	273.6	29,300	81,300	230

Liftcrane Luffing Jib Capacities

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

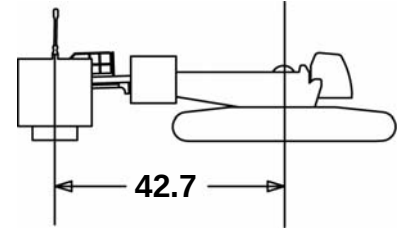
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 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	
125	59.4	379.1	126,700	142,200*	125
130	56.9	375.8	120,600	137,400*	130
135	54.4	372.3	114,900	132,500*	135
140	51.7	368.4	109,700	127,600*	140
145	49.0	364.0	104,800	122,700*	145
150	46.1	359.3	100,300	117,800*	150
155	43.1	354.0	96,100	113,100*	155
160	39.9	348.2	92,100	108,600*	160
165	36.5	341.6	88,400	104,300*	165
170	32.7	334.0	84,900	100,400*	170
175	28.5	325.2	81,500	96,700*	175
180	23.5	314.4	78,300	93,500*	180
185	17.3	300.2	75,300	91,000*	185
190	5.8	273.0	72,100	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

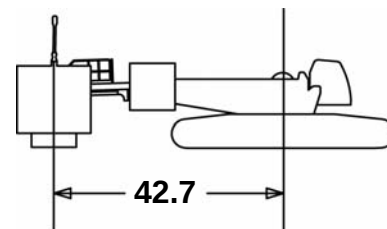
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
125													125
130													130
135													135
140	62.7	377.9	93,600	140,200*									140
145	60.3	375.1	89,400	140,200*									145
150	57.9	372.0	85,500	140,200*									150
155	55.3	368.5	81,800	139,900*									155
160	52.7	364.7	78,400	136,100*									160
165	50.0	360.6	75,100	132,100*									165
170	47.2	356.0	72,100	128,100*									170
175	44.3	351.0	69,200	124,000*	56.0	362.5	56,900	122,500					175
180	41.1	345.3	66,500	119,800*	53.4	358.8	54,600	118,300					180
185	37.8	339.0	63,900	115,800*	50.8	354.7	52,400	114,400					185
190	34.1	331.9	61,500	111,500*	48.0	350.3	50,300	110,700					190
195	30.1	323.5	59,100	107,100*	45.1	345.4	48,400	107,200					195
200	25.5	313.6	56,900	102,600*	42.0	339.9	46,500	103,800					200
205	19.8	301.0	54,700	97,800*	38.7	333.8	44,700	100,600	51.1	346.5	34,600	93,000	205
210	11.6	281.9	52,500	92,400*	35.2	326.9	42,900	97,600	48.4	342.1	33,200	90,200	210
215					31.2	318.9	41,300	94,700	45.5	337.2	31,800	87,500	215
220					26.8	309.5	39,700	91,900	42.4	331.8	30,500	85,000	220
225					21.5	297.7	38,100	89,300	39.1	325.8	29,200	82,500	225
230					14.3	281.2	36,500	86,700	35.6	319.0	28,000	80,200	230
235									31.8	311.2	26,800	78,000	235
240									27.4	302.0	25,700	75,800	240
245									22.3	290.6	24,500	73,700	245
250									15.5	275.0	23,400	71,700	250

Liftcrane Luffing Jib Capacities

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

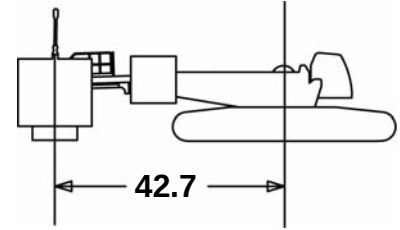
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



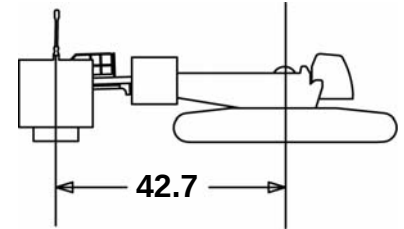
16000 MAX-ER

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	
140	57.3	392.8	107,900	120,000*	140
145	55.0	389.3	103,000	116,100*	145
150	52.8	385.6	98,500	112,100*	150
155	50.4	381.5	94,300	108,100*	155
160	48.0	377.0	90,400	104,200*	160
165	45.4	372.1	86,700	100,300*	165
170	42.8	366.8	83,300	96,500*	170
175	40.0	360.9	80,000	92,900*	175
180	37.0	354.4	76,900	89,400*	180
185	33.8	347.1	74,000	86,200*	185
190	30.2	338.8	71,200	83,100*	190
195	26.3	329.1	68,600	80,400*	195
200	21.6	317.4	66,000	78,000*	200
205	15.6	301.7	63,500	76,100*	205
210	3.4	268.4	60,800	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
140													140
145													145
150	62.3	394.9	83,200	121,100*									150
155	60.2	392.0	79,600	121,100*									155
160	58.1	388.9	76,200	121,100*									160
165	55.9	385.6	73,000	121,100*									165
170	53.6	381.9	70,000	121,100*									170
175	51.3	377.9	67,200	118,400*									175
180	48.9	373.6	64,500	115,200*									180
185	46.4	368.9	62,000	111,900*	56.5	379.5	50,100	112,500					185
190	43.8	363.7	59,600	108,600*	54.2	375.9	48,000	108,800					190
195	41.0	358.1	57,300	105,200*	51.9	372.0	46,100	105,300					195
200	38.1	351.8	55,200	101,900*	49.5	367.8	44,300	102,000					200
205	35.0	344.8	53,100	98,400*	47.1	363.2	42,500	98,900					205
210	31.6	337.0	51,100	94,900*	44.5	358.2	40,800	95,900					210
215	27.8	327.8	49,200	91,300*	41.8	352.6	39,200	93,000	52.2	363.7	29,400	85,600	215
220	23.5	317.0	47,400	87,600*	38.9	346.6	37,700	90,300	49.9	359.5	28,100	83,100	220
225	18.1	303.1	45,600	83,600*	35.9	339.8	36,200	87,700	47.4	355.0	26,900	80,700	225
230	10.1	281.7	43,700	78,900*	32.5	332.2	34,800	85,200	44.8	350.0	25,700	78,400	230
235					28.9	323.4	33,500	82,900	42.1	344.5	24,600	76,200	235
240					24.7	313.1	32,100	80,600	39.3	338.5	23,500	74,100	240
245					19.7	300.2	30,800	78,300	36.3	331.9	22,500	72,000	245
250					12.8	282.0	29,500	76,200	33.0	324.4	21,500	70,100	250
255									29.4	315.8	20,500	68,200	255
260									25.3	305.7	19,500	66,400	260
265									20.4	293.3	18,500	64,600	265
270									13.9	276.1	17,600	62,900	270

Liftcrane Luffing Jib Capacities

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

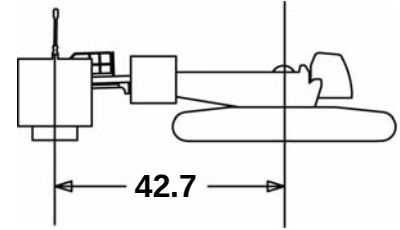
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
160	53.5	402.7	89,000	99,100*	160
165	51.5	398.8	85,300	95,900*	165
170	49.4	394.5	81,900	92,600*	170
175	47.2	389.9	78,700	89,400*	175
180	44.9	384.9	75,600	86,300*	180
185	42.5	379.5	72,700	83,200*	185
190	40.0	373.7	70,000	80,200*	190
195	37.4	367.2	67,400	77,400*	195
200	34.6	360.1	64,900	74,700*	200
205	31.5	352.2	62,600	72,200*	205
210	28.2	343.2	60,300	69,900*	210
215	24.4	332.7	58,100	67,800*	215
220	20.0	319.9	56,000	66,000*	220
225	14.2	302.8	54,000	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

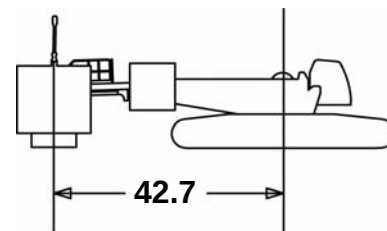
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
160	62.0	411.8	74,500	105,200*									160
165	60.1	409.0	71,300	105,200*									165
170	58.2	405.9	68,300	105,200*									170
175	56.3	402.6	65,500	105,200*									175
180	54.3	399.0	62,900	105,200*									180
185	52.3	395.2	60,400	105,200*									185
190	50.2	391.0	58,000	104,900*									190
195	48.0	386.5	55,800	102,200*	56.8	396.5	44,300	98,600*					195
200	45.7	381.7	53,700	99,500*	54.8	393.0	42,500	98,600*					200
205	43.4	376.5	51,600	96,700*	52.8	389.2	40,800	97,400					205
210	41.0	370.8	49,700	93,900*	50.7	385.1	39,100	94,400					210
215	38.4	364.6	47,800	91,100*	48.6	380.8	37,600	91,600					215
220	35.6	357.8	46,100	88,300*	46.4	376.1	36,100	88,900					220
225	32.7	350.2	44,400	85,400*	44.0	370.9	34,600	86,400					225
230	29.5	341.6	42,700	82,400*	41.6	365.4	33,300	83,900	51.0	376.9	23,900	76,900	230
235	25.9	331.7	41,100	79,400*	39.1	359.3	31,900	81,600	48.9	372.5	22,800	74,700	235
240	21.8	319.9	39,600	76,200*	36.4	352.7	30,700	79,300	46.6	367.9	21,800	72,600	240
245	16.6	304.9	38,100	72,700*	33.5	345.3	29,400	77,200	44.3	362.8	20,800	70,600	245
250	8.8	281.1	36,500	68,600*	30.4	337.0	28,200	75,100	41.9	357.3	19,800	68,700	250
255					26.9	327.5	27,100	73,100	39.4	351.3	18,900	66,900	255
260					22.9	316.3	26,000	71,100	36.7	344.7	17,900	65,100	260
265					18.2	302.4	24,800	69,300	33.9	337.5	17,100	63,400	265
270					11.5	282.3	23,700	67,400	30.8	329.3	16,200	61,700	270
275									27.4	320.0	15,400	60,100	275
280									23.5	309.1	14,500	58,600	280
285									18.8	295.6	13,700	57,100	285
290									12.5	276.7	12,800	55,500	290

Liftcrane Luffing Jib Capacities

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

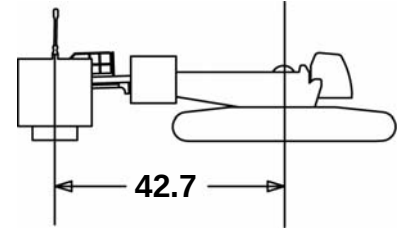
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



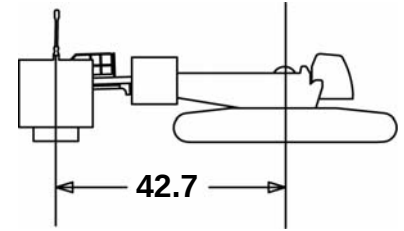
16000 MAX-ER

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	
180	50.4	411.9	73,800	82,500*	180
185	48.5	407.5	71,000	79,800*	185
190	46.5	402.8	68,200	77,200*	190
195	44.4	397.7	65,700	74,600*	195
200	42.3	392.3	63,200	72,100*	200
205	40.0	386.4	60,900	69,700*	205
210	37.7	380.1	58,700	67,400*	210
215	35.2	373.1	56,600	65,200*	215
220	32.5	365.4	54,600	63,100*	220
225	29.6	356.9	52,600	61,200*	225
230	26.5	347.2	50,700	59,400*	230
235	22.9	335.9	48,900	57,800*	235
240	18.6	322.2	47,200	56,300*	240
245	13.0	303.6	45,400	55,400*	245
250					250
255					255
260					260
265					265
270					270
275					275
280					280
285					285
290					290
295					295
300					300
305					305
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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
180	58.4	422.9	60,700	90,800*									180
185	56.6	419.6	58,300	90,800*									185
190	54.8	416.1	55,900	90,800*									190
195	53.0	412.3	53,700	90,800*									195
200	51.2	408.3	51,600	90,800*									200
205	49.2	404.0	49,600	90,800*	57.1	413.5	38,400	84,300*					205
210	47.3	399.5	47,700	90,700*	55.3	410.0	36,800	84,300*					210
215	45.2	394.5	45,900	88,500*	53.5	406.4	35,300	84,300*					215
220	43.1	389.3	44,100	86,200*	51.7	402.4	33,800	84,300*					220
225	40.9	383.6	42,500	83,800*	49.8	398.2	32,400	84,300*					225
230	38.6	377.4	40,900	81,400*	47.8	393.7	31,100	82,100					230
235	36.1	370.7	39,300	79,100*	45.8	388.9	29,800	79,800					235
240	33.5	363.3	37,900	76,600*	43.7	383.7	28,500	77,600	51.9	394.1	19,400	70,700	240
245	30.8	355.1	36,500	74,200*	41.5	378.1	27,400	75,500	50.0	390.0	18,400	68,700	245
250	27.7	345.9	35,100	71,600*	39.2	372.1	26,200	73,400	48.1	385.5	17,500	66,800	250
255	24.3	335.2	33,700	69,000*	36.8	365.5	25,100	71,500	46.0	380.7	16,600	65,000	255
260	20.3	322.6	32,400	66,200*	34.3	358.3	24,000	69,600	44.0	375.6	15,700	63,300	260
265	15.4	306.3	31,100	63,100*	31.5	350.4	23,000	67,700	41.8	370.0	14,800	61,600	265
270	7.5	279.9	29,800	59,500*	28.5	341.4	22,000	66,000	39.5	364.1	14,000	60,000	270
275					25.2	331.3	21,000	64,300	37.1	357.6	13,200	58,400	275
280					21.5	319.2	20,000	62,600	34.6	350.5	12,400	56,900	280
285					16.8	304.2	19,100	61,000	31.9	342.6	11,700	55,400	285
290					10.3	282.2	18,100	59,400	29.0	333.8	11,000	54,000	290
295									25.7	323.8	10,200	52,600*	295
300									22.0	312.1	9,500	51,200*	300
305									17.5	297.6	8,800	49,800*	305
310									11.4	277.0	8,000	48,300*	310

Liftcrane Luffing Jib Capacities

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

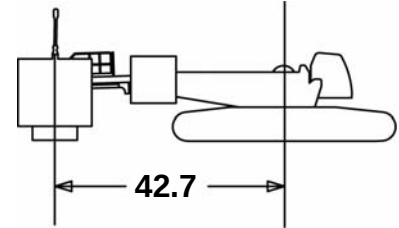
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



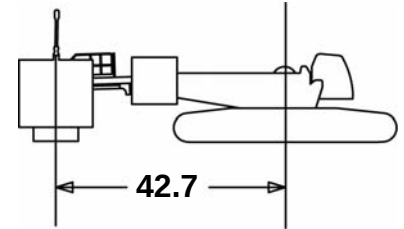
16000 MAX-ER

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	
195	49.6	424.9	63,800	71,300*	195
200	47.8	420.4	61,400	69,200*	200
205	46.0	415.6	59,100	67,100*	205
210	44.1	410.5	56,900	65,000*	210
215	42.1	405.0	54,800	63,000*	215
220	40.1	399.2	52,800	61,000*	220
225	37.9	392.9	50,900	59,200*	225
230	35.7	386.0	49,100	57,300*	230
235	33.3	378.5	47,300	55,600*	235
240	30.8	370.3	45,600	54,000*	240
245	28.0	361.2	44,000	52,500*	245
250	25.0	350.9	42,400	51,100*	250
255	21.5	338.9	40,900	49,800*	255
260	17.4	324.2	39,400	48,800*	260
265	12.0	304.2	37,900	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
195	56.9	436.6	51,600	78,900*									195
200	55.3	433.1	49,500	78,900*									200
205	53.6	429.5	47,500	78,900*									205
210	52.0	425.6	45,700	78,900*									210
215	50.2	421.4	43,900	78,900*	57.3	430.5	33,100	72,600*					215
220	48.5	417.0	42,100	78,900*	55.7	427.1	31,600	72,600*					220
225	46.7	412.4	40,500	78,900*	54.1	423.5	30,200	72,600*					225
230	44.8	407.4	38,900	78,600*	52.4	419.6	28,900	72,600*					230
235	42.9	402.0	37,400	76,700*	50.7	415.6	27,600	72,600*					235
240	40.8	396.3	36,000	74,700*	49.0	411.2	26,400	72,600*					240
245	38.8	390.2	34,600	72,700*	47.2	406.6	25,200	72,600*					245
250	36.6	383.5	33,200	70,700*	45.3	401.7	24,100	71,700	52.6	411.3	15,200	65,000	250
255	34.2	376.3	31,900	68,600*	43.4	396.5	23,000	69,800	50.9	407.3	14,300	63,200	255
260	31.8	368.4	30,700	66,500*	41.4	390.9	22,000	67,900	49.2	403.0	13,400	61,400	260
265	29.1	359.6	29,500	64,300*	39.3	384.9	21,000	66,100	47.4	398.4	12,600	59,800*	265
270	26.2	349.8	28,300	62,100*	37.2	378.4	20,000	64,400	45.5	393.5	11,800	58,100*	270
275	22.9	338.5	27,200	59,800*	34.9	371.3	19,100	62,700	43.6	388.4	11,100	56,400*	275
280	19.1	325.0	26,000	57,300*	32.4	363.6	18,100	61,100	41.7	382.8	10,300	54,800*	280
285	14.3	307.5	24,900	54,600*	29.8	355.1	17,300	59,500	39.6	376.8	9,600	53,300*	285
290	6.4	278.0	23,700	51,400*	27.0	345.5	16,400	58,000	37.4	370.4	8,900	51,800*	290
295					23.8	334.7	15,500	56,500	35.2	363.4	8,200	50,400*	295
300					20.2	321.9	14,700	55,100	32.8	355.8	7,500	49,000*	300
305					15.7	305.8	13,800	53,700	30.2	347.4	6,900	47,600*	305
310					9.2	281.8	13,000	52,300	27.4	338.0	6,200	46,300*	310
315									24.2	327.4	5,600	45,000*	315
320									20.7	314.8	5,000	43,800*	320
325									16.4	299.3	4,300	42,500*	325
330									10.3	277.0	3,700	41,200*	330

Liftcrane Luffing Jib Capacities

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

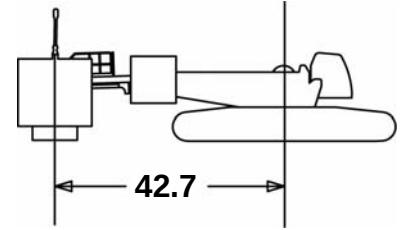
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



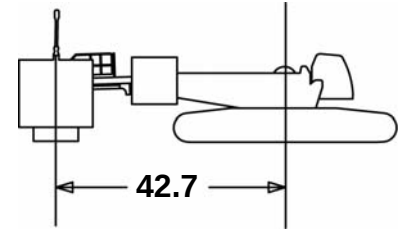
16000 MAX-ER

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	
210	48.9	438.0	55,100	61,900*	210
215	47.2	433.4	53,100	60,200*	215
220	45.5	428.5	51,100	58,500*	220
225	43.8	423.3	49,200	56,800*	225
230	42.0	417.8	47,400	55,200*	230
235	40.1	411.9	45,700	53,600*	235
240	38.2	405.6	44,000	52,000*	240
245	36.1	398.9	42,400	50,500*	245
250	34.0	391.6	40,900	49,100*	250
255	31.7	383.6	39,400	47,700*	255
260	29.3	374.9	37,900	46,500*	260
265	26.6	365.2	36,600	45,200*	265
270	23.7	354.3	35,200	44,200*	270
275	20.4	341.5	33,900	43,200*	275
280	16.4	325.9	32,600	42,500*	280
285	11.0	304.4	31,300	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 42.7 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	
210	55.6	450.2	43,600	67,800*									210
215	54.1	446.6	41,800	67,800*									215
220	52.6	442.8	40,100	67,800*									220
225	51.1	438.7	38,500	67,800*	57.5	447.5	28,000	62,500*					225
230	49.5	434.5	37,000	67,800*	56.0	444.1	26,700	62,500*					230
235	47.8	430.0	35,500	67,800*	54.5	440.5	25,400	62,500*					235
240	46.2	425.2	34,000	67,800*	53.0	436.8	24,300	62,500*					240
245	44.4	420.2	32,700	67,800*	51.5	432.8	23,100	62,500*					245
250	42.7	414.8	31,400	67,800*	49.9	428.6	22,000	62,500*					250
255	40.8	409.1	30,100	66,400*	48.3	424.2	20,900	62,500*					255
260	38.9	402.9	28,900	64,800*	46.6	419.5	19,900	62,500*	51.7	424.5	10,400	57,300*	260
265	36.9	396.4	27,700	63,200*	44.9	414.5	18,900	62,500*	50.1	420.4	9,600	55,600*	265
270	34.8	389.3	26,600	61,400*	43.1	409.3	18,000	62,500*	48.5	416.0	8,800	54,000*	270
275	32.6	381.6	25,500	59,600*	41.3	403.6	17,100	61,100	46.8	411.3	8,100	52,400*	275
280	30.2	373.2	24,400	57,700*	39.4	397.6	16,200	59,500	45.1	406.4	7,400	50,900*	280
285	27.6	363.9	23,400	55,800*	37.4	391.2	15,300	57,900	43.4	401.1	6,700	49,500*	285
290	24.8	353.4	22,400	53,800*	35.4	384.2	14,500	56,400	41.5	395.5	6,100	48,100*	290
295	21.7	341.4	21,400	51,800*	33.2	376.7	13,700	55,000	39.7	389.6	5,400	46,700*	295
300	18.0	327.1	20,400	49,600*	30.8	368.5	12,900	53,600	37.7	383.2	4,800	45,400*	300
305	13.3	308.4	19,400	47,200*	28.3	359.5	12,100	52,300	35.6	376.3	4,200	44,100*	305
310	5.2	275.4	18,300	42,400*	25.6	349.4	11,400	51,000	33.5	368.9	3,600	42,800*	310
315					22.6	337.8	10,600	49,700	31.1	360.8	3,000	41,600*	315
320					19.0	324.2	9,900	48,400	28.7	351.9	2,500	40,400*	320
325					14.7	307.0	9,100	47,100*	26.0	341.9	1,900	39,300*	325
330					8.2	280.9	8,400	45,800*					330
335									23.0	330.6		38,200*	335
340									19.5	317.3		37,000*	340
345									15.3	300.7		35,900*	345
350									9.3	276.6		34,800*	350

Liftcrane Luffing Jib Capacities

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

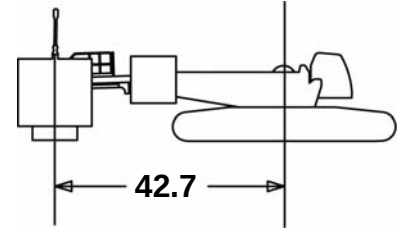
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



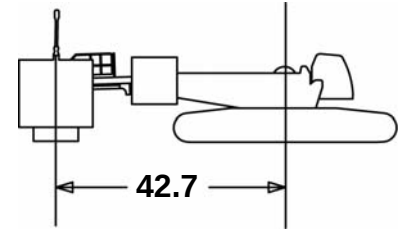
16000 MAX-ER

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	
220	49.7	455.4	49,500	55,300*	220
225	48.2	450.9	47,700	53,900*	225
230	46.7	446.2	45,900	52,600*	230
235	45.1	441.3	44,100	51,200*	235
240	43.5	436.1	42,500	49,800*	240
245	41.8	430.6	40,900	48,500*	245
250	40.1	424.7	39,400	47,200*	250
255	38.3	418.4	37,900	45,900*	255
260	36.5	411.7	36,500	44,700*	260
265	34.5	404.6	35,200	43,500*	265
270	32.4	396.9	33,900	42,400*	270
275	30.3	388.5	32,600	41,300*	275
280	27.9	379.2	31,400	40,300*	280
285	25.4	369.0	30,200	39,400*	285
290	22.5	357.4	29,000	38,600*	290
295	19.3	344.0	27,900	37,900*	295
300	15.4	327.4	26,700	37,300*	300
305	10.1	304.3	25,600	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
220	55.9	467.2	38,400	58,300*									220
225	54.6	463.6	36,800	58,300*									225
230	53.2	459.9	35,300	58,300*									230
235	51.7	456.0	33,800	58,300*	57.6	464.4	23,600	53,300*					235
240	50.3	451.9	32,400	58,300*	56.3	461.1	22,400	53,300*					240
245	48.8	447.5	31,000	58,300*	54.9	457.6	21,300	53,300*					245
250	47.3	442.9	29,700	58,300*	53.5	453.9	20,200	53,300*					250
255	45.7	438.1	28,500	58,300*	52.1	450.0	19,100	53,300*					255
260	44.1	433.0	27,300	58,300*	50.7	446.0	18,100	53,300*					260
265	42.5	427.5	26,100	58,300*	49.2	441.7	17,200	53,300*					265
270	40.8	421.8	25,000	58,300*	47.7	437.2	16,200	53,300*					270
275	39.0	415.7	23,900	57,000*	46.1	432.4	15,300	53,300*	52.3	441.7	6,900	49,100*	275
280	37.2	409.2	22,900	55,500*	44.6	427.4	14,400	53,300*	50.9	437.7	6,200	49,100*	280
285	35.2	402.2	21,800	54,000*	42.9	422.0	13,600	53,300*	49.4	433.4	5,500	48,900*	285
290	33.2	394.7	20,900	52,500*	41.2	416.4	12,800	53,300*	47.9	428.9	4,900	47,500*	290
295	31.1	386.6	19,900	50,900*	39.5	410.4	12,000	53,300*	46.4	424.2	4,200	46,100*	295
300	28.8	377.7	19,000	49,200*	37.7	404.0	11,200	52,300*	44.8	419.2	3,600	44,700*	300
305	26.3	367.9	18,100	47,500*	35.8	397.1	10,500	50,900*	43.1	413.9	3,000	43,400*	305
310	23.6	356.8	17,200	45,700*	33.8	389.8	9,800	49,500*	41.5	408.3	2,400	42,100*	310
315	20.6	344.1	16,400	43,900*	31.7	381.8	9,100	48,100*	39.7	402.3	1,900	40,900*	315
320	17.0	329.0	15,500	42,100*	29.4	373.1	8,400	46,800*	37.9	396.0		39,700*	320
325	12.4	309.1	14,600	40,000*	27.0	363.6	7,700	45,500*	36.0	389.2		38,600*	325
330	3.9	271.4	13,600	34,800*	24.4	352.9	7,000	44,200*	34.0	381.9		37,400*	330
335					21.4	340.7	6,400	43,000*	32.0	374.0		36,300*	335
340					18.0	326.4	5,700	41,800*	29.7	365.5		35,300*	340
345					13.8	308.1	5,100	40,600*	27.3	356.0		34,200*	345
350					7.3	279.6	4,400	39,200*	24.7	345.5		33,200*	350
355									21.8	333.6		32,200*	355
360									18.5	319.5		31,200*	360
365									14.4	302.0		30,200*	365
370									8.5	275.9		29,200*	370

Liftcrane Luffing Jib Capacities

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

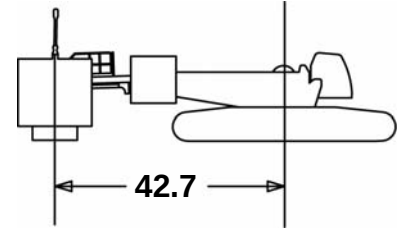
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



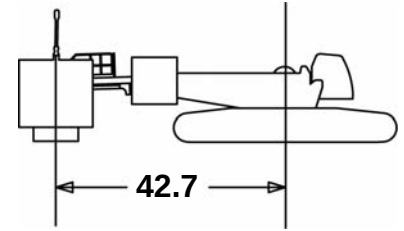
16000 MAX-ER

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	
230	50.5	472.7	44,000	49,200*	230
235	49.1	468.4	42,300	48,000*	235
240	47.7	463.9	40,600	46,900*	240
245	46.3	459.1	39,000	45,800*	245
250	44.8	454.1	37,500	44,700*	250
255	43.3	448.9	36,100	43,600*	255
260	41.7	443.3	34,700	42,500*	260
265	40.1	437.4	33,400	41,500*	265
270	38.5	431.2	32,100	40,400*	270
275	36.8	424.6	30,800	39,400*	275
280	35.0	417.5	29,600	38,400*	280
285	33.1	410.0	28,400	37,500*	285
290	31.1	401.8	27,300	36,700*	290
295	29.0	393.0	26,200	35,800*	295
300	26.7	383.3	25,200	35,100*	300
305	24.2	372.5	24,100	34,400*	305
310	21.5	360.4	23,100	33,700*	310
315	18.4	346.2	22,100	33,200*	315
320	14.6	328.7	21,100	32,800*	320
325	9.3	303.9	20,100	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 42.7 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
230	56.2	484.2	33,100	50,100*									230
235	54.9	480.7	31,600	50,100*									235
240	53.6	477.0	30,200	50,100*									240
245	52.3	473.2	28,900	50,100*	57.8	481.4	18,900	45,500*					245
250	51.0	469.1	27,600	50,100*	56.5	478.1	17,900	45,500*					250
255	49.6	464.9	26,400	50,100*	55.3	474.6	16,800	45,500*					255
260	48.2	460.5	25,200	50,100*	54.0	471.0	15,800	45,500*					260
265	46.8	455.8	24,000	50,100*	52.7	467.2	14,900	45,500*					265
270	45.4	450.9	22,900	50,100*	51.3	463.2	14,000	45,500*					270
275	43.9	445.7	21,900	50,100*	50.0	459.1	13,100	45,500*					275
280	42.3	440.3	20,900	50,100*	48.6	454.7	12,200	45,500*					280
285	40.7	434.5	19,900	50,100*	47.2	450.1	11,400	45,500*	52.8	458.9	3,200	41,400*	285
290	39.1	428.5	18,900	50,100*	45.8	445.2	10,600	45,500*	51.5	454.9	2,500	41,400*	290
295	37.4	422.0	18,000	49,400*	44.3	440.2	9,800	45,500*	50.2	450.8	1,900	41,400*	295
300	35.6	415.1	17,100	48,000*	42.7	434.8	9,100	45,500*	48.8	446.4		41,400*	300
305	33.8	407.7	16,200	46,100*	41.2	429.1	8,400	45,500*	47.4	441.9		40,900*	305
310	31.8	399.8	15,400	44,300*	39.5	423.1	7,700	45,500*	45.9	437.0		39,600*	310
315	29.8	391.3	14,500	42,600*	37.9	416.8	7,000	45,500*	44.5	432.0		38,400*	315
320	27.6	381.9	13,700	40,900*	36.1	410.0	6,300	44,500*	42.9	426.7		37,300*	320
325	25.2	371.6	12,900	39,300*	34.3	402.8	5,700	43,300*	41.4	421.0		36,100*	325
330	22.6	360.0	12,200	37,700*	32.4	395.0	5,000	42,000*	39.8	415.1		35,000*	330
335	19.6	346.6	11,400	36,100*	30.3	386.6	4,400	40,800*	38.1	408.8		33,900*	335
340	16.1	330.6	10,600	34,600*	28.2	377.5	3,800	39,700*	36.3	402.1		32,900*	340
345	11.6	309.5	9,900	33,100*	25.8	367.5	3,200	38,600*	34.5	394.9		31,900*	345
350	2.2	264.4	8,900	27,300*	23.3	356.2	2,600	37,400*	32.6	387.2		30,900*	350
355					20.4	343.4	2,100	36,400*	30.6	378.9		29,900*	355
360					17.1	328.3	1,500	35,300*	28.5	369.9		29,000*	360
365					13.0	308.9		33,800*	26.2	360.0		28,100*	365
370					6.4	277.9		32,200*	23.6	348.9		27,200*	370
375									20.8	336.4		26,300*	375
380									17.6	321.6		25,400*	380
385									13.6	303.0		24,500*	385
390									7.6	274.7		23,600*	390

Liftcrane Luffing Jib Capacities

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

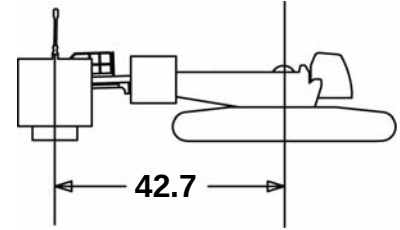
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



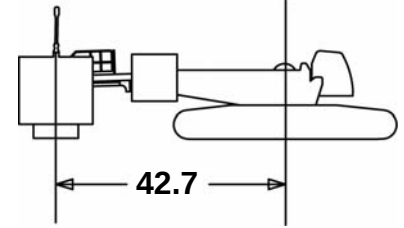
16000 MAX-ER

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	
105	53.5	342.9	158,200	179,500*b	105
110	48.7	338.6	149,400	171,400*b	110
115	43.5	333.4	141,400	163,300*	115
120	37.6	327.2	134,000	155,100*	120
125	30.8	319.3	127,200	147,000*	125
130	22.1	308.3	120,800	138,300*	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105													105
110													110
115													115
120	61.0	343.3	114,700	184,700*b									120
125	56.7	340.0	108,900	180,400*b									125
130	52.1	336.2	103,600	173,300*b									130
135	47.2	331.7	98,700	165,900*									135
140	41.8	326.2	94,200	158,300*									140
145	35.8	319.6	89,900	150,400*									145
150	28.6	311.0	85,800	142,400*	54.9	331.0	71,100	148,500b					150
155	18.7	298.5	81,900	133,600*	50.2	327.0	68,000	142,800b					155
160					45.1	322.1	65,100	137,400					160
165					39.5	316.2	62,300	132,400					165
170					33.0	308.9	59,600	127,600					170
175					25.1	299.2	57,000	123,000	52.3	319.4	45,000	114,000b	175
180					12.6	282.7	54,300	118,600	47.4	314.9	43,100	110,100b	180
185									42.1	309.5	41,300	106,400	185
190									36.1	302.9	39,500	102,900	190
195									28.9	294.4	37,700	99,600	195
200									19.3	282.2	36,000	96,300	200

Liftcrane Luffing Jib Capacities

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

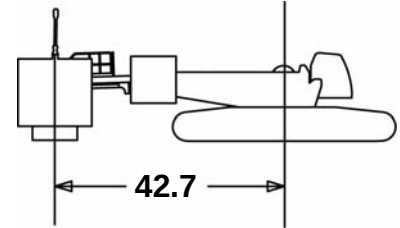
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



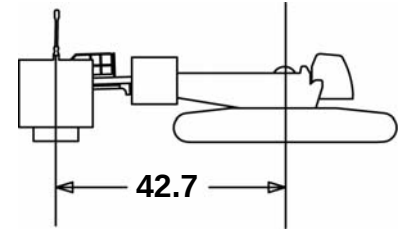
16000 MAX-ER

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	
115	54.7	360.0	140,500	158,100*	115
120	51.0	356.0	133,300	151,800*	120
125	47.1	351.4	126,600	145,800*	125
130	42.8	346.2	120,500	139,900*	130
135	38.2	340.0	114,900	134,200*	135
140	33.0	332.6	109,600	128,300*	140
145	26.9	323.4	104,700	122,000*	145
150	18.9	310.6	100,000	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115													115
120													120
125													125
130	60.7	360.2	102,200	160,600*b									130
135	57.3	357.1	97,400	160,000*b									135
140	53.7	353.4	92,900	154,500*									140
145	49.9	349.3	88,800	149,000*									145
150	45.9	344.5	84,900	143,300*									150
155	41.5	339.0	81,200	137,400*									155
160	36.8	332.5	77,800	131,500*	55.8	348.1	63,500	136,100					160
165	31.4	324.7	74,500	125,500*	52.2	344.3	60,900	131,100					165
170	24.9	314.7	71,400	119,200*	48.3	339.9	58,300	126,400					170
175	15.8	300.0	68,400	112,200*	44.2	334.9	55,900	122,000					175
180					39.7	329.0	53,600	117,900					180
185					34.7	322.0	51,500	114,000					185
190					28.9	313.4	49,400	110,200	50.1	332.4	38,000	101,600	190
195					21.7	302.1	47,300	106,600	46.0	327.7	36,400	98,400	195
200					9.8	282.4	45,100	103,100	41.7	322.2	34,800	95,300	200
205									37.0	315.8	33,400	92,400	205
210									31.6	308.0	31,900	89,600	210
215									25.2	298.1	30,500	86,800	215
220									16.3	283.8	29,100	84,200	220

Liftcrane Luffing Jib Capacities

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

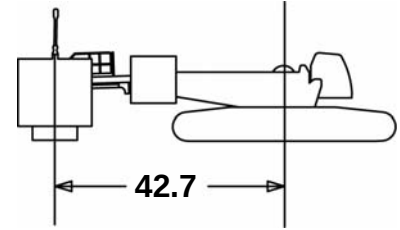
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



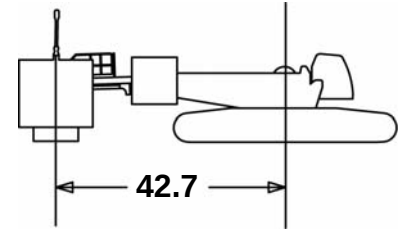
16000 MAX-ER

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	
135	49.3	369.0	113,300	126,700*	135
140	46.0	364.3	108,200	121,900*	140
145	42.4	358.9	103,400	117,100*	145
150	38.6	352.8	98,900	112,600*	150
155	34.4	345.7	94,700	108,300*	155
160	29.6	337.3	90,700	104,500*	160
165	24.0	326.8	87,000	101,100*	165
170	16.6	312.4	83,300	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
135													135
140	60.5	377.2	90,700	139,900*									140
145	57.6	374.0	86,600	139,700*									145
150	54.7	370.5	82,800	137,900*									150
155	51.6	366.6	79,200	133,600*									155
160	48.4	362.2	75,900	129,200*									160
165	45.0	357.3	72,800	124,600*									165
170	41.3	351.7	69,800	120,100*	56.5	365.1	56,000	124,500					170
175	37.4	345.3	67,000	115,500*	53.4	361.5	53,600	120,100					175
180	33.1	337.9	64,300	110,800*	50.3	357.4	51,400	116,100					180
185	28.1	329.0	61,800	105,900*	47.0	352.8	49,300	112,200					185
190	22.1	317.7	59,300	100,800*	43.5	347.6	47,400	108,600					190
195	13.6	301.0	56,800	95,000*	39.8	341.7	45,500	105,100					195
200					35.7	335.0	43,700	101,800	51.7	349.8	32,400	93,300	200
205					31.2	327.0	41,900	98,700	48.5	345.4	31,000	90,500	205
210					25.9	317.3	40,200	95,700	45.1	340.5	29,700	87,700	210
215					19.2	304.5	38,500	92,800	41.5	335.0	28,400	85,100	215
220					7.6	281.1	36,700	89,900	37.6	328.6	27,200	82,600	220
225									33.3	321.2	26,000	80,200	225
230									28.3	312.4	24,800	77,900	230
235									22.4	301.3	23,600	75,700	235
240									14.1	284.9	22,400	73,500	240

Liftcrane Luffing Jib Capacities

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

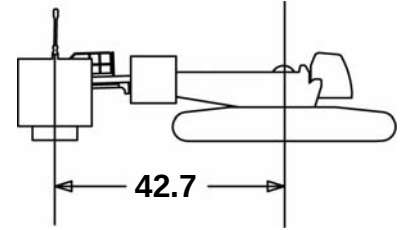
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



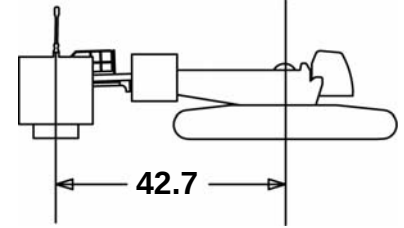
16000 MAX-ER

275.6 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
165	38.8	365.6	86,100	95,800*	165
170	35.3	358.7	82,600	92,300*	170
175	31.4	350.8	79,400	89,100*	175
180	27.0	341.4	76,300	86,200*	180
185	21.8	329.8	73,300	83,700*	185
190	14.7	313.6	70,400	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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
165	52.8	383.8	71,200	119,300*									165
170	50.1	379.7	68,300	115,800*									170
175	47.3	375.1	65,600	112,200*									175
180	44.3	370.1	63,000	108,600*	56.9	382.2	49,700	114,600					180
185	41.2	364.5	60,500	104,900*	54.3	378.6	47,600	110,800					185
190	37.8	358.2	58,200	101,300*	51.7	374.7	45,700	107,100					190
195	34.2	351.0	55,900	97,500*	49.0	370.4	43,800	103,700					195
200	30.2	342.7	53,800	93,700*	46.1	365.6	42,100	100,500					200
205	25.6	332.8	51,800	89,700*	43.1	360.4	40,400	97,400					205
210	20.0	320.3	49,700	85,400*	39.9	354.5	38,800	94,500	52.9	367.0	27,900	86,200	210
215	11.8	301.4	47,700	80,600*	36.4	347.9	37,300	91,700	50.2	362.9	26,600	83,600	215
220					32.6	340.3	35,800	89,000	47.4	358.3	25,500	81,200	220
225					28.4	331.5	34,400	86,400	44.4	353.3	24,300	78,900	225
230					23.5	320.7	33,000	84,000	41.3	347.7	23,200	76,600	230
235					17.2	306.3	31,600	81,600	38.0	341.4	22,200	74,500	235
240					5.4	278.6	30,000	77,900*	34.4	334.3	21,200	72,400	240
245									30.4	326.1	20,200	70,400	245
250									25.8	316.3	19,200	68,500	250
255									20.2	303.9	18,200	66,600	255
260									12.3	285.5	17,200	64,800	260

Liftcrane Luffing Jib Capacities

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

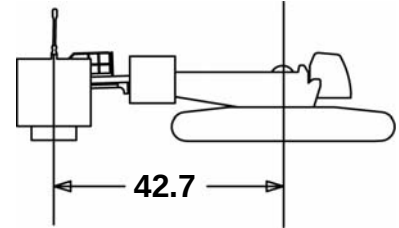
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



16000 MAX-ER

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Liftcrane Luffing Jib Capacities

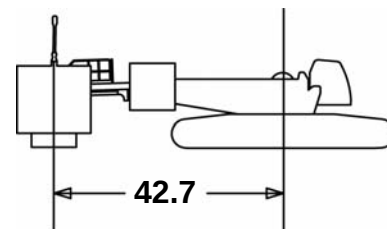
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
155	62.3	413.9	75,300	106,200*									155
160	60.2	411.1	72,100	106,200*									160
165	58.1	408.0	69,000	106,200*									165
170	55.9	404.6	66,200	106,200*									170
175	53.7	401.0	63,400	106,200*									175
180	51.3	397.0	60,900	104,600*									180
185	48.9	392.7	58,500	101,700*									185
190	46.4	388.0	56,200	98,800*	57.2	399.1	43,300	100,600*					190
195	43.8	382.9	54,000	95,800*	55.0	395.7	41,500	100,600*					195
200	41.1	377.2	51,900	92,800*	52.7	391.9	39,800	98,600					200
205	38.2	371.0	50,000	89,800*	50.4	387.8	38,100	95,500					205
210	35.1	364.0	48,100	86,700*	47.9	383.3	36,600	92,600					210
215	31.7	356.1	46,300	83,600*	45.4	378.5	35,100	89,900					215
220	27.9	347.0	44,500	80,400*	42.7	373.1	33,700	87,300					220
225	23.6	336.2	42,800	77,000*	39.9	367.2	32,300	84,700	51.4	380.2	21,900	76,900	225
230	18.2	322.4	41,200	73,400*	36.9	360.7	31,000	82,300	49.0	375.9	20,800	74,700	230
235	10.3	301.3	39,500	69,200*	33.7	353.4	29,700	80,000	46.5	371.2	19,800	72,600	235
240					30.2	345.1	28,500	77,800	43.9	366.1	18,900	70,500	240
245					26.2	335.4	27,300	75,700	41.2	360.4	17,900	68,600	245
250					21.6	323.6	26,100	73,600	38.3	354.2	17,000	66,700	250
255					15.5	307.8	25,000	71,600	35.2	347.3	16,100	64,900	255
260					2.8	273.2	23,500	66,900*	31.8	339.5	15,300	63,200	260
265									28.1	330.4	14,500	61,500	265
270									23.8	319.7	13,600	59,900	270
275									18.5	306.1	12,800	58,300	275
280									10.8	285.5	11,900	56,700	280

Liftcrane Luffing Jib Capacities

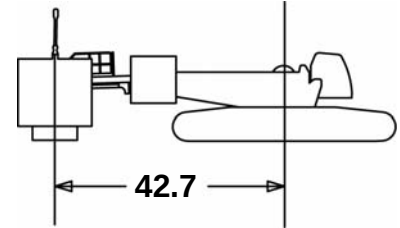
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



16000 MAX-ER

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Liftcrane Luffing Jib Capacities

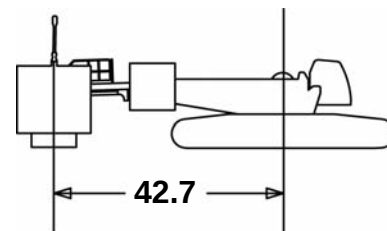
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
165	62.0	430.9	67,300	92,900*									165
170	60.2	428.0	64,400	92,900*									170
175	58.3	425.0	61,700	92,900*									175
180	56.3	421.6	59,200	92,900*									180
185	54.3	418.1	56,800	92,900*									185
190	52.3	414.2	54,600	92,900*									190
195	50.2	410.1	52,400	92,500*									195
200	48.0	405.6	50,400	90,100*	57.5	416.1	37,900	87,200*					200
205	45.8	400.8	48,400	87,600*	55.5	412.7	36,300	87,200*					205
210	43.5	395.6	46,600	85,100*	53.5	409.0	34,800	87,200*					210
215	41.0	390.0	44,800	82,600*	51.5	405.1	33,300	87,200*					215
220	38.4	383.7	43,100	80,100*	49.3	400.8	31,900	85,800					220
225	35.7	376.9	41,500	77,600*	47.1	396.2	30,600	83,300					225
230	32.8	369.3	39,900	74,900*	44.9	391.3	29,300	81,000					230
235	29.6	360.8	38,400	72,300*	42.5	385.9	28,100	78,700	52.4	397.4	17,900	71,000	235
240	26.0	350.9	37,000	69,500*	40.0	380.0	26,900	76,500	50.3	393.3	17,000	69,000	240
245	21.9	339.2	35,500	66,600*	37.3	373.5	25,800	74,400	48.1	388.8	16,100	67,100	245
250	16.7	324.2	34,100	63,500*	34.5	366.4	24,700	72,400	45.9	384.0	15,200	65,300	250
255	9.0	300.8	32,700	59,800*	31.5	358.5	23,600	70,500	43.6	378.8	14,400	63,500	255
260					28.2	349.5	22,600	68,600	41.1	373.2	13,600	61,800	260
265					24.4	339.0	21,600	66,800	38.5	367.0	12,800	60,200	265
270					19.9	326.1	20,600	65,000	35.8	360.2	12,000	58,600	270
275					14.2	309.0	19,500	62,200*	32.9	352.7	11,300	57,100*	275
280									29.7	344.2	10,600	55,500*	280
285									26.1	334.4	9,800	54,000*	285
290									22.0	322.7	9,100	52,500*	290
295									17.0	308.0	8,400	51,000*	295
300									9.4	285.2	7,600	49,500*	300

Liftcrane Luffing Jib Capacities

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

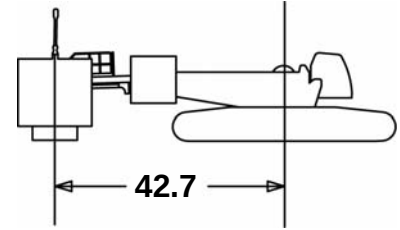
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



16000 MAX-ER

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Liftcrane Luffing Jib Capacities

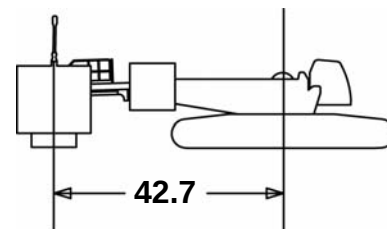
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
175	61.8	447.9	59,500	81,000*									175
180	60.1	445.0	57,000	81,000*									180
185	58.4	441.9	54,600	81,000*									185
190	56.6	438.7	52,400	81,000*									190
195	54.9	435.2	50,300	81,000*									195
200	53.1	431.4	48,200	81,000*									200
205	51.2	427.4	46,300	81,000*									205
210	49.3	423.1	44,500	81,000*	57.7	433.1	32,400	75,200*					210
215	47.3	418.6	42,800	79,700*	55.9	429.7	31,000	75,200*					215
220	45.3	413.7	41,100	77,600*	54.1	426.2	29,600	75,200*					220
225	43.1	408.4	39,500	75,500*	52.3	422.3	28,300	75,200*					225
230	40.9	402.7	38,000	73,400*	50.4	418.2	27,100	75,200*					230
235	38.6	396.5	36,500	71,200*	48.5	413.8	25,900	75,200*					235
240	36.2	389.8	35,100	69,100*	46.5	409.1	24,700	74,700					240
245	33.6	382.4	33,800	66,900*	44.4	404.1	23,600	72,600					245
250	30.8	374.3	32,500	64,600*	42.3	398.6	22,600	70,700	51.3	410.6	12,800	63,100*	250
255	27.8	365.1	31,200	62,300*	40.0	392.7	21,500	68,800	49.4	406.3	12,000	61,300*	255
260	24.4	354.5	30,000	59,900*	37.7	386.4	20,500	66,900	47.4	401.8	11,200	59,500*	260
265	20.4	341.9	28,800	57,300*	35.2	379.4	19,600	65,200	45.3	396.9	10,500	57,800*	265
270	15.5	325.7	27,600	54,600*	32.5	371.7	18,600	63,500	43.2	391.6	9,700	56,200*	270
275	7.8	299.7	26,300	51,400*	29.6	363.2	17,700	61,800	41.0	385.9	9,000	54,600*	275
280					26.4	353.5	16,900	60,200	38.7	379.8	8,300	53,100*	280
285					22.8	342.2	16,000	58,700	36.3	373.1	7,700	51,600*	285
290					18.6	328.4	15,100	56,500*	33.7	365.7	7,000	50,100*	290
295					13.0	309.7	14,200	53,600*	30.9	357.6	6,400	48,800*	295
300									27.9	348.5	5,800	47,400*	300
305									24.5	338.0	5,200	46,100*	305
310									20.6	325.5	4,500	44,800*	310
315									15.7	309.5	3,900	43,500*	315
320									8.2	284.3	3,200	42,200*	320

Liftcrane Luffing Jib Capacities

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

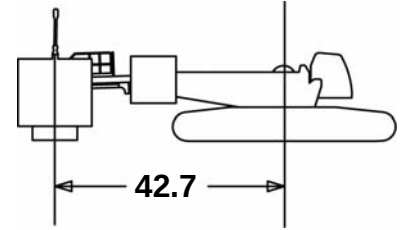
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



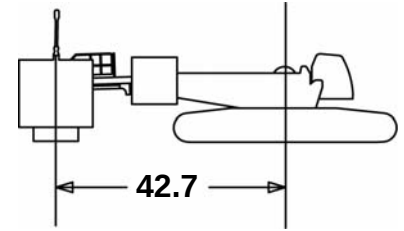
16000 MAX-ER

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ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib 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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
185	61.6	464.8	52,500	70,700*									185
190	60.0	462.0	50,200	70,700*									190
195	58.5	458.9	48,100	70,700*									195
200	56.9	455.7	46,100	70,700*									200
205	55.3	452.2	44,200	70,700*									205
210	53.7	448.5	42,400	70,700*									210
215	52.0	444.7	40,700	70,700*									215
220	50.3	440.5	39,000	70,700*	57.9	450.1	27,400	65,200*					220
225	48.5	436.1	37,500	70,700*	56.3	446.8	26,100	65,200*					225
230	46.7	431.5	36,000	70,400*	54.6	443.2	24,800	65,200*					230
235	44.8	426.5	34,500	68,700*	53.0	439.5	23,700	65,200*					235
240	42.9	421.1	33,200	66,900*	51.3	435.5	22,500	65,200*					240
245	40.9	415.4	31,800	65,100*	49.6	431.3	21,400	65,200*					245
250	38.8	409.3	30,500	63,200*	47.8	426.8	20,400	65,200*					250
255	36.6	402.7	29,300	61,300*	45.9	422.0	19,400	65,200*					255
260	34.3	395.5	28,100	59,500*	44.1	416.9	18,400	65,200*	52.1	427.8	8,900	57,000*	260
265	31.8	387.6	27,000	57,600*	42.1	411.4	17,500	63,500	50.3	423.7	8,200	55,300*	265
270	29.1	378.8	25,900	55,600*	40.1	405.5	16,600	61,800	48.6	419.3	7,500	53,700*	270
275	26.2	369.0	24,800	53,500*	37.9	399.2	15,700	60,200	46.8	414.7	6,800	52,200*	275
280	23.0	357.7	23,700	51,500*	35.7	392.3	14,900	58,600	44.9	409.7	6,100	50,600*	280
285	19.2	344.3	22,700	49,200*	33.3	384.8	14,100	57,100	43.0	404.4	5,500	49,200*	285
290	14.4	326.9	21,600	46,800*	30.7	376.6	13,300	55,600	41.0	398.7	4,900	47,800*	290
295	6.6	298.0	20,500	43,900*	28.0	367.5	12,500	54,200	38.9	392.6	4,300	46,400*	295
300					25.0	357.1	11,700	52,800	36.7	385.9	3,700	45,100*	300
305					21.5	345.1	10,900	50,900*	34.4	378.8	3,100	43,800*	305
310					17.4	330.4	10,200	48,600*	31.9	370.9	2,500	42,600*	310
315					11.9	310.2	9,400	46,000*	29.3	362.2	2,000	41,400*	315
320									26.4	352.4		40,200*	320
325									23.1	341.2		39,000*	325
330									19.3	327.9		37,900*	330
335									14.6	310.8		36,700*	335
340									7.1	282.9		35,500*	340

Liftcrane Luffing Jib Capacities

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

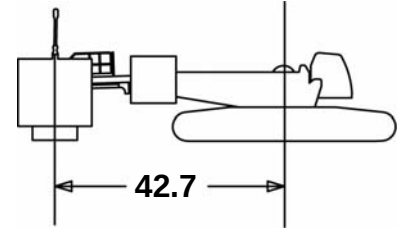
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



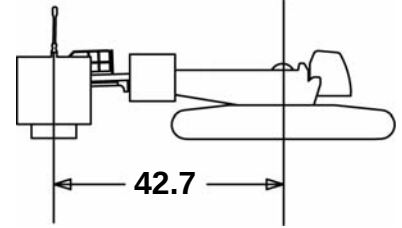
16000 MAX-ER

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REFERENCE
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Liftcrane Luffing Jib Capacities

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

Liftcrane Luffing Jib Capacities

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

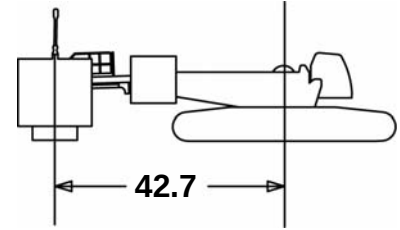
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



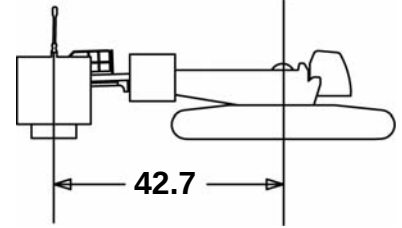
16000 MAX-ER

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	
245	43.0	453.8	39,200	43,900*	245
250	41.3	448.1	37,700	42,700*	250
255	39.6	442.1	36,300	41,600*	255
260	37.7	435.7	34,900	40,600*	260
265	35.9	428.9	33,600	39,500*	265
270	33.9	421.6	32,300	38,500*	270
275	31.8	413.7	31,100	37,600*	275
280	29.5	405.0	29,900	36,700*	280
285	27.1	395.5	28,700	35,900*	285
290	24.5	384.9	27,600	35,200*	290
295	21.6	372.8	26,500	34,500*	295
300	18.2	358.5	25,400	34,000*	300
305	14.0	340.5	24,300	33,200*	305
310	7.7	312.9	23,200	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 42.7 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	
245	50.3	471.0	28,200	53,100*	56.8	480.8	17,300	49,100*				245
250	48.8	466.6	26,900	53,100*	55.4	477.3	16,300	49,100*				250
255	47.3	462.0	25,700	53,100*	54.0	473.7	15,400	49,100*				255
260	45.8	457.2	24,600	53,100*	52.6	469.9	14,400	49,100*				260
265	44.2	452.1	23,500	53,000*	51.2	465.9	13,500	49,100*				265
270	42.5	446.7	22,400	51,700*	49.7	461.7	12,700	49,100*				270
275	40.8	440.9	21,400	50,400*	48.2	457.3	11,800	49,100*				275
280	39.0	434.8	20,400	49,000*	46.7	452.6	11,000	49,100*				280
285	37.2	428.3	19,400	47,600*	45.1	447.6	10,300	49,100*	51.8	458.2	44,600*	285
290	35.3	421.4	18,500	46,300*	43.5	442.4	9,500	49,100*	50.4	454.1	43,300*	290
295	33.3	413.9	17,600	44,900*	41.8	436.9	8,800	49,100*	48.9	449.8	42,000*	295
300	31.1	405.7	16,700	43,400*	40.1	431.0	8,100	49,100*	47.4	445.2	40,700*	300
305	28.8	396.9	15,900	41,900*	38.3	424.7	7,400	47,700*	45.8	440.4	39,500*	305
310	26.4	387.1	15,000	40,400*	36.4	418.0	6,700	46,400*	44.2	435.3	38,300*	310
315	23.7	376.1	14,200	38,800*	34.5	410.9	6,100	45,100*	42.6	429.9	37,100*	315
320	20.6	363.4	13,400	37,100*	32.4	403.1	5,400	43,800*	40.9	424.2	36,000*	320
325	17.1	348.3	12,600	35,400*	30.2	394.7	4,800	42,600*	39.1	418.1	34,900*	325
330	12.5	328.5	11,800	33,400*	27.9	385.5	4,200	41,400*	37.3	411.6	33,800*	330
335	4.2	292.0	10,900	30,900*	25.3	375.3	3,600	40,200*	35.4	404.6	32,800*	335
340					22.5	363.7	3,000	38,500*	33.4	397.2	31,800*	340
345					19.3	350.2	2,500	36,800*	31.2	389.1	30,800*	345
350					15.4	333.5	1,900	35,000*	28.9	380.2	29,800*	350
355					10.1	310.3		32,800*	26.5	370.5	28,900*	355
360									23.8	359.5	28,000*	360
365									20.8	347.0	27,000*	365
370									17.2	332.0	26,100*	370
375									12.7	312.5	25,200*	375
380									4.9	278.0	24,300*	380

Liftcrane Luffing Jib Capacities

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

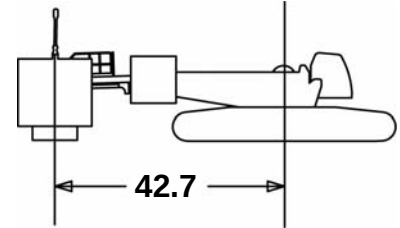
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



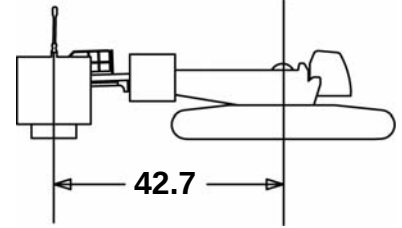
16000 MAX-ER

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	
250	45.8	477.0	35,800	40,200*	250
255	44.3	471.9	34,400	39,300*	255
260	42.8	466.5	33,000	38,300*	260
265	41.2	460.9	31,700	37,400*	265
270	39.6	454.9	30,500	36,500*	270
275	37.9	448.5	29,200	35,600*	275
280	36.2	441.8	28,100	34,800*	280
285	34.4	434.6	26,900	33,900*	285
290	32.5	426.8	25,800	33,200*	290
295	30.4	418.5	24,800	32,400*	295
300	28.3	409.4	23,700	31,800*	300
305	25.9	399.4	22,700	31,100*	305
310	23.4	388.2	21,700	30,600*	310
315	20.6	375.5	20,800	30,100*	315
320	17.3	360.5	19,800	29,300*	320
325	13.2	341.4	18,900	27,700*	325
330	6.8	311.4	17,900	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 42.7 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		
250	52.3	492.3	24,800	45,900*								250	
255	51.0	488.2	23,600	45,900*	57.0	497.8	13,000	42,000*				255	
260	49.7	484.0	22,500	45,900*	55.7	494.4	12,100	42,000*				260	
265	48.3	479.6	21,400	45,900*	54.4	490.8	11,200	42,000*				265	
270	46.8	474.9	20,300	45,900*	53.1	487.1	10,400	42,000*				270	
275	45.4	470.0	19,300	45,900*	51.8	483.1	9,600	42,000*				275	
280	43.9	464.9	18,300	45,900*	50.5	479.0	8,800	42,000*				280	
285	42.4	459.4	17,400	45,500*	49.1	474.7	8,000	42,000*				285	
290	40.8	453.7	16,500	44,400*	47.7	470.2	7,300	42,000*				290	
295	39.1	447.6	15,600	43,200*	46.3	465.5	6,600	42,000*	52.4	475.4	38,200*	295	
300	37.4	441.1	14,700	42,000*	44.8	460.5	5,900	42,000*	51.1	471.4	38,100*	300	
305	35.7	434.3	13,900	40,700*	43.3	455.2	5,200	42,000*	49.7	467.2	36,900*	305	
310	33.8	426.9	13,100	39,500*	41.7	449.6	4,600	42,000*	48.3	462.8	35,700*	310	
315	31.9	419.0	12,300	38,200*	40.1	443.7	3,900	42,000*	46.9	458.1	34,500*	315	
320	29.8	410.4	11,600	36,900*	38.5	437.5	3,300	41,500*	45.4	453.2	33,400*	320	
325	27.6	401.1	10,800	35,600*	36.7	430.9	2,700	40,300*	44.0	448.1	32,400*	325	
330	25.2	390.8	10,100	34,200*	34.9	423.8	2,100	39,100*	42.4	442.6	31,300*	330	
335	22.6	379.2	9,400	32,800*	33.0	416.2	1,600	37,900*	40.8	436.9	30,300*	335	
340	19.7	365.9	8,700	31,300*	31.1	408.1		36,800*	39.2	430.9	29,300*	340	
345	16.2	350.0	8,000	29,700*	28.9	399.2		35,700*	37.5	424.4	28,400*	345	
350	11.7	329.0	7,200	27,900*	26.7	389.5		34,700*	35.7	417.5	27,400*	350	
355	2.8	286.3	6,400	25,600*	24.2	378.8		33,700*	33.9	410.2	26,500*	355	
360					21.5	366.6		32,600*	32.0	402.3	25,600*	360	
365					18.3	352.4		31,100*	29.9	393.8	24,800*	365	
370					14.5	334.8		29,400*	27.7	384.5	23,900*	370	
375					9.3	309.9		27,400*	25.3	374.2	23,100*	375	
380									22.7	362.7	22,200*	380	
385									19.8	349.5	21,400*	385	
390									16.3	333.7	20,600*	390	
395									11.9	313.0	19,800*	395	
400									3.7	273.8	18,900*	400	

Liftcrane Luffing Jib Capacities

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

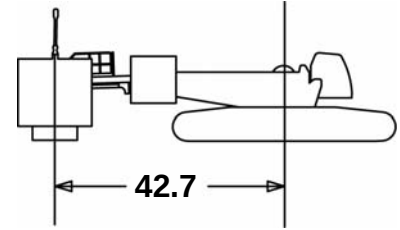
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



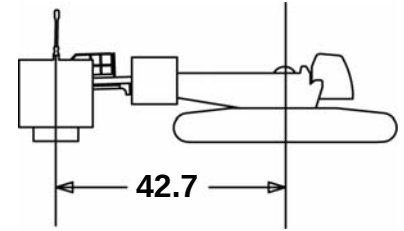
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Liftcrane Luffing Jib Capacities

Luffing Jib 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 42.7 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	
125	61.1	362.4	104,400	154,500*b									125
130	56.8	359.1	99,400	152,700*b									130
135	52.2	355.3	94,600	147,000*b									135
140	47.3	350.8	90,200	140,900*b									140
145	41.9	345.4	86,100	134,800*									145
150	35.9	338.7	82,300	128,400*									150
155	28.7	330.2	78,600	122,000*	56.4	350.8	63,100	139,000b					155
160	19.0	317.8	75,000	115,000*	51.8	347.0	60,300	133,700b					160
165					46.9	342.4	57,700	128,800b					165
170					41.5	336.9	55,300	124,200					170
175					35.4	330.1	52,900	119,800					175
180					28.1	321.4	50,600	115,700					180
185					18.0	308.5	48,300	109,600*	50.7	335.8	36,100	102,500b	185
190									45.7	331.0	34,500	99,100b	190
195									40.1	325.3	33,000	96,000	195
200									33.8	318.1	31,500	92,900	200
205									26.1	308.8	30,000	90,000	205
210									14.5	293.8	28,400	87,000	210

Liftcrane Luffing Jib Capacities

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

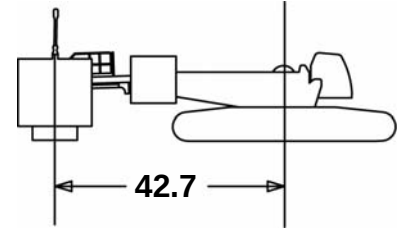
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



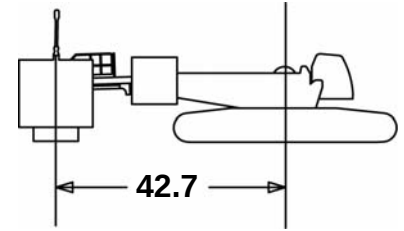
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Liftcrane Luffing Jib Capacities

Luffing Jib 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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
135	60.8	379.3	93,100	134,200*b									135
140	57.3	376.1	88,800	133,200*b									140
145	53.7	372.5	84,800	129,700*									145
150	50.0	368.4	81,100	125,100*									150
155	45.9	363.6	77,600	120,400*									155
160	41.6	358.1	74,300	115,700*									160
165	36.9	351.6	71,200	110,900*	57.1	367.8	56,100	127,200*b					165
170	31.5	343.8	68,300	106,100*	53.5	364.2	53,700	122,900					170
175	25.0	333.9	65,400	101,000*	49.7	360.0	51,500	118,600					175
180	16.1	319.4	62,600	95,400*	45.6	355.2	49,400	114,600					180
185					41.3	349.6	47,300	110,800*					185
190					36.5	343.1	45,400	106,200*					190
195					31.0	335.1	43,500	101,600*	52.6	353.1	31,300	94,600	195
200					24.4	325.0	41,700	96,700*	48.7	348.8	30,000	91,600	200
205					15.1	309.8	39,800	91,200*	44.6	343.8	28,600	88,800	205
210									40.2	338.0	27,400	86,100	210
215									35.3	331.2	26,100	83,500	215
220									29.6	322.8	24,900	81,100	220
225									22.6	311.9	23,700	78,700	225
230									11.8	294.1	22,400	76,300	230

Liftcrane Luffing Jib Capacities

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

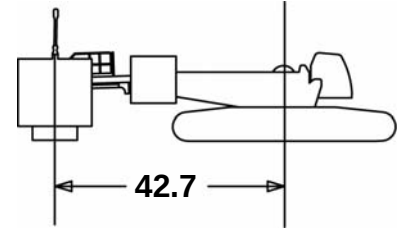
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



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Liftcrane Luffing Jib Capacities

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

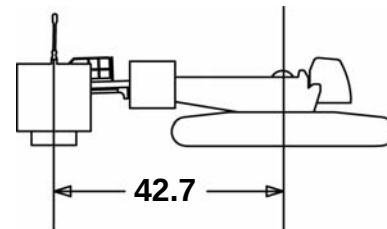
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
145	60.6	396.3	82,600	117,700*									145
150	57.7	393.1	78,900	117,100*									150
155	54.7	389.6	75,500	116,000*									155
160	51.7	385.7	72,300	112,300*									160
165	48.4	381.3	69,300	108,600*									165
170	45.0	376.4	66,400	104,900*									170
175	41.4	370.9	63,700	101,100*	57.5	384.8	49,000	113,000*					175
180	37.5	364.5	61,200	97,300*	54.5	381.3	47,000	110,400*					180
185	33.2	357.1	58,800	93,500*	51.4	377.4	45,000	107,300*					185
190	28.2	348.2	56,400	89,600*	48.2	372.9	43,200	104,000*					190
195	22.2	337.0	54,200	85,400*	44.8	368.0	41,400	100,600*					195
200	13.8	320.4	51,900	80,800*	41.1	362.4	39,700	97,100*					200
205					37.2	355.9	38,100	93,400*					205
210					32.8	348.4	36,600	89,900*	50.7	366.2	24,900	84,100	210
215					27.8	339.4	35,000	86,000*	47.4	361.7	23,800	81,600	215
220					21.7	327.9	33,600	81,900*	43.9	356.6	22,700	79,200	220
225					12.9	310.6	32,000	77,300*	40.2	350.8	21,600	76,900	225
230									36.2	344.1	20,600	74,700	230
235									31.7	336.3	19,600	72,600	235
240									26.5	326.9	18,600	70,600	240
245									20.0	314.5	17,600	68,600	245
250									9.7	293.8	16,400	66,600	250

Liftcrane Luffing Jib Capacities

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

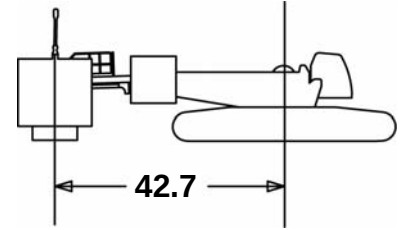
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



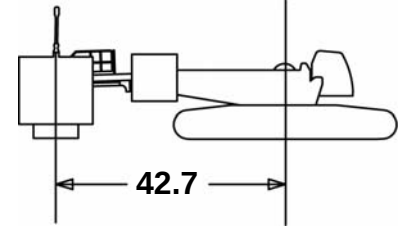
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Liftcrane Luffing Jib Capacities

Luffing Jib 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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
150	62.8	416.0	77,200	103,800*									150
155	60.4	413.2	73,800	103,700*									155
160	58.0	410.1	70,600	103,400*									160
165	55.4	406.7	67,600	102,800*									165
170	52.8	402.9	64,900	101,300*									170
175	50.1	398.8	62,200	98,300*									175
180	47.3	394.2	59,700	95,300*									180
185	44.4	389.2	57,400	92,300*	57.8	401.8	43,200	98,900*					185
190	41.3	383.6	55,100	89,200*	55.2	398.4	41,400	98,900*					190
195	37.9	377.3	53,000	86,100*	52.6	394.6	39,700	96,800*					195
200	34.3	370.2	50,900	83,100*	49.9	390.4	38,100	94,200*					200
205	30.3	361.9	49,000	79,900*	47.1	385.8	36,500	91,500*					205
210	25.7	352.1	47,100	76,600*	44.1	380.7	35,000	88,700*					210
215	20.1	339.6	45,300	73,100*	41.0	375.1	33,600	85,800*					215
220	12.0	320.9	43,400	69,200*	37.6	368.7	32,200	82,900*	52.0	383.5	20,800	77,700	220
225					34.0	361.5	30,900	80,000*	49.3	379.2	19,800	75,500	225
230					30.0	353.2	29,600	76,900*	46.4	374.5	18,800	73,300	230
235					25.3	343.2	28,300	73,700*	43.4	369.3	17,900	71,200	235
240					19.6	330.4	27,100	70,200*	40.2	363.5	17,000	69,300	240
245					11.2	310.8	25,800	66,300*	36.8	357.0	16,100	67,400	245
250									33.1	349.5	15,200	65,500	250
255									28.9	340.9	14,400	63,800	255
260									24.1	330.3	13,600	62,000	260
265									18.0	316.6	12,700	60,400	265
270									7.8	292.7	11,700	58,600	270

Liftcrane Luffing Jib Capacities

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

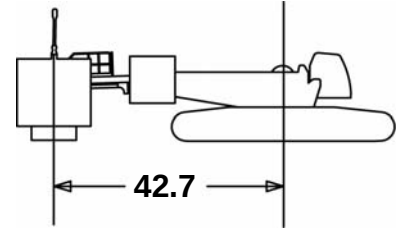
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



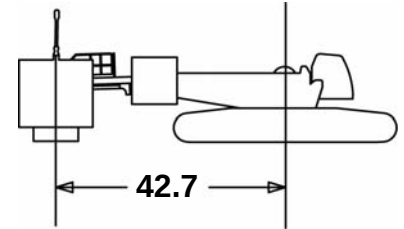
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Liftcrane Luffing Jib Capacities

Luffing Jib 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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
160	62.4	433.0	68,300	91,200*									160
165	60.3	430.2	65,300	91,200*									165
170	58.2	427.1	62,600	91,100*									170
175	56.0	423.7	60,000	90,900*									175
180	53.7	420.1	57,500	90,500*									180
185	51.4	416.1	55,200	88,700*									185
190	49.0	411.8	53,000	86,300*									190
195	46.5	407.1	50,900	83,800*	58.0	418.8	37,200	86,400*					195
200	43.9	402.0	49,000	81,200*	55.8	415.4	35,600	86,400*					200
205	41.1	396.3	47,100	78,700*	53.5	411.7	34,100	86,400*					205
210	38.2	390.1	45,300	76,100*	51.2	407.7	32,700	84,900*					210
215	35.1	383.1	43,500	73,600*	48.8	403.4	31,300	82,700*					215
220	31.7	375.3	41,900	71,000*	46.3	398.7	30,000	80,500*					220
225	28.0	366.2	40,300	68,300*	43.7	393.5	28,700	78,200*					225
230	23.6	355.5	38,700	65,500*	40.9	387.8	27,500	75,800*	53.0	400.7	16,300	71,300	230
235	18.3	341.7	37,200	62,500*	38.0	381.6	26,300	73,300*	50.6	396.6	15,400	69,200	235
240	10.5	320.9	35,600	59,200*	34.9	374.5	25,200	71,000*	48.2	392.2	14,500	67,300	240
245					31.5	366.6	24,100	68,400*	45.7	387.4	13,700	65,400	245
250					27.7	357.5	23,000	65,800*	43.0	382.1	12,900	63,600*	250
255					23.3	346.5	21,900	63,000*	40.3	376.3	12,100	61,800*	255
260					17.9	332.5	20,900	60,100*	37.3	369.8	11,400	60,100*	260
265					9.6	310.5	19,800	56,700*	34.1	362.6	10,600	58,400*	265
270									30.6	354.4	9,900	56,700*	270
275									26.7	344.9	9,200	55,200*	275
280									22.1	333.4	8,500	53,600*	280
285									16.3	318.2	7,800	52,100*	285
290									6.1	290.6	6,900	50,400*	290

Liftcrane Luffing Jib Capacities

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

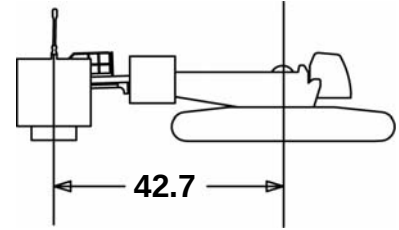
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



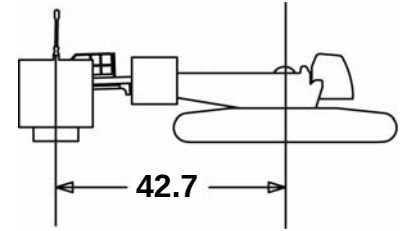
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Liftcrane Luffing Jib Capacities

Luffing Jib 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 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
170	62.1	450.0	60,800	80,400*									170
175	60.2	447.1	58,200	80,400*									175
180	58.3	444.0	55,800	80,400*									180
185	56.4	440.7	53,500	80,400*									185
190	54.4	437.2	51,300	80,200*									190
195	52.3	433.3	49,300	79,900*									195
200	50.2	429.2	47,300	78,300*									200
205	48.1	424.8	45,500	76,200*									205
210	45.8	420.0	43,700	74,100*	56.2	432.4	30,800	76,200*					210
215	43.5	414.7	42,000	72,000*	54.2	428.9	29,400	76,200*					215
220	41.1	409.1	40,400	69,800*	52.2	425.0	28,100	76,200*					220
225	38.5	402.9	38,800	67,700*	50.1	420.8	26,900	75,000*					225
230	35.7	396.1	37,300	65,600*	47.9	416.4	25,700	73,200*					230
235	32.8	388.5	35,900	63,400*	45.7	411.5	24,600	71,300*					235
240	29.6	380.0	34,500	61,100*	43.3	406.3	23,500	69,300*					240
245	26.1	370.1	33,200	58,800*	40.9	400.6	22,400	67,300*	51.7	413.9	11,800	63,400*	245
250	21.9	358.5	31,900	56,400*	38.3	394.4	21,400	65,300*	49.6	409.7	11,000	61,600*	250
255	16.9	343.6	30,600	53,800*	35.5	387.5	20,400	63,300*	47.4	405.1	10,300	59,800*	255
260	9.2	320.4	29,200	50,900*	32.6	379.9	19,500	61,100*	45.1	400.2	9,600	58,100*	260
265					29.4	371.2	18,500	59,000*	42.7	394.8	8,900	56,400*	265
270					25.8	361.3	17,600	56,700*	40.3	389.0	8,200	54,800*	270
275					21.6	349.4	16,700	54,300*	37.6	382.6	7,500	53,300*	275
280					16.4	334.2	15,800	51,700*	34.9	375.6	6,900	51,800*	280
285					8.3	309.6	14,800	48,700*	31.8	367.8	6,300	50,400*	285
290									28.5	358.9	5,600	49,000*	290
295									24.8	348.5	5,000	47,600*	295
300									20.5	336.1	4,400	46,200*	300
305									14.9	319.6	3,800	44,900*	305
310									4.3	287.1	3,000	43,400*	310

Liftcrane Luffing Jib Capacities

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

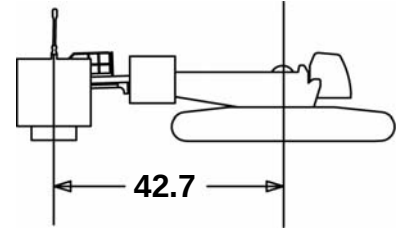
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



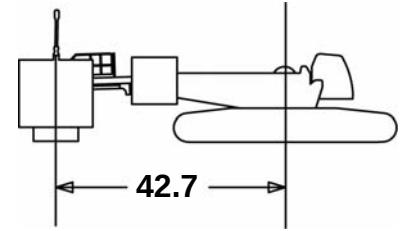
16000 MAX-ER

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Liftcrane Luffing Jib Capacities

Luffing Jib 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 42.7 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
180	61.8	466.9	53,500	70,600*									180
185	60.1	464.1	51,200	70,600*									185
190	58.4	461.0	49,100	70,600*									190
195	56.7	457.7	47,100	70,600*									195
200	54.9	454.2	45,100	70,600*									200
205	53.1	450.5	43,300	70,600*									205
210	51.2	446.5	41,500	70,400*									210
215	49.3	442.2	39,900	68,900*									215
220	47.3	437.7	38,300	67,200*	56.5	449.4	25,700	66,400*					220
225	45.3	432.8	36,800	65,400*	54.8	445.9	24,500	66,400*					225
230	43.2	427.5	35,300	63,600*	52.9	442.2	23,400	66,400*					230
235	41.0	421.8	33,900	61,800*	51.1	438.2	22,200	66,400*					235
240	38.7	415.7	32,600	59,900*	49.2	433.9	21,200	66,100*					240
245	36.2	409.0	31,300	58,100*	47.2	429.3	20,200	64,500*					245
250	33.6	401.6	30,000	56,300*	45.1	424.4	19,200	62,900*					250
255	30.9	393.4	28,800	54,300*	43.0	419.0	18,200	61,300*	52.5	431.1	7,800	57,100*	255
260	27.8	384.3	27,700	52,400*	40.8	413.3	17,300	59,600*	50.6	427.0	7,100	55,400*	260
265	24.4	373.7	26,500	50,400*	38.5	407.1	16,400	57,800*	48.7	422.7	6,400	53,800*	265
270	20.5	361.1	25,400	48,300*	36.0	400.4	15,600	56,100*	46.7	418.0	5,800	52,200*	270
275	15.6	345.1	24,300	46,000*	33.4	393.0	14,700	54,300*	44.6	413.0	5,200	50,700*	275
280	8.0	319.5	23,100	43,400*	30.6	384.7	13,900	52,500*	42.5	407.6	4,600	49,300*	280
285					27.6	375.5	13,100	50,500*	40.3	401.8	4,000	47,900*	285
290					24.1	364.8	12,300	48,600*	37.9	395.4	3,400	46,500*	290
295					20.2	352.0	11,600	46,500*	35.4	388.5	2,800	45,200*	295
300					15.1	335.6	10,800	44,200*	32.8	381.0	2,300	43,900*	300
305					7.0	308.2	9,900	41,400*	29.9	372.5	1,800	42,700*	305
310									26.8	363.0		41,500*	310
315									23.3	351.9		40,300*	315
320									19.1	338.4		39,100*	320
325									13.7	320.6		37,900*	325

Liftcrane Luffing Jib Capacities

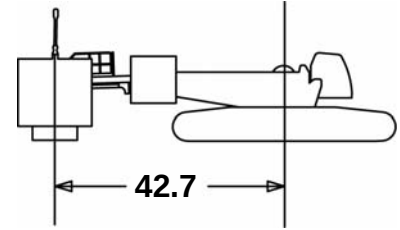
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



16000 MAX-ER

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ONLY!

Liftcrane Luffing Jib Capacities

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

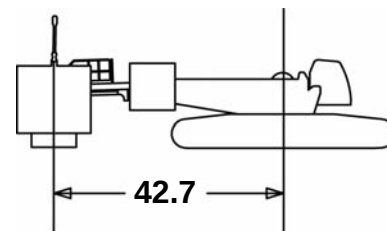
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
190	61.6	483.9	46,900	61,500*									190
195	60.1	481.0	44,900	61,500*									195
200	58.5	478.0	43,000	61,500*									200
205	56.9	474.7	41,100	61,500*									205
210	55.3	471.3	39,400	61,500*									210
215	53.7	467.6	37,800	61,500*									215
220	52.0	463.7	36,200	61,500*									220
225	50.3	459.6	34,700	60,900*									225
230	48.5	455.2	33,300	59,400*	56.8	466.4	21,100	57,500*					230
235	46.7	450.6	31,900	57,900*	55.2	463.0	20,000	57,500*					235
240	44.9	445.6	30,600	56,400*	53.6	459.3	18,900	57,500*					240
245	42.9	440.3	29,300	54,900*	51.9	455.4	17,900	57,500*					245
250	40.9	434.6	28,100	53,300*	50.2	451.3	17,000	57,500*					250
255	38.8	428.4	26,900	51,800*	48.4	446.9	16,000	56,900*					255
260	36.6	421.8	25,800	50,300*	46.6	442.2	15,100	55,600*					260
265	34.3	414.6	24,700	48,700*	44.7	437.2	14,300	54,200*					265
270	31.8	406.7	23,600	47,100*	42.8	431.8	13,400	52,800*	51.5	444.3	3,500	49,700*	270
275	29.2	398.0	22,600	45,400*	40.8	426.1	12,600	51,400*	49.8	440.1	2,900	48,200*	275
280	26.3	388.2	21,600	43,700*	38.7	419.9	11,800	49,900*	48.0	435.6	2,300	46,800*	280
285	23.0	377.0	20,600	42,000*	36.5	413.2	11,100	48,500*	46.2	430.9	1,700	45,400*	285
290	19.2	363.6	19,600	40,200*	34.1	406.0	10,300	46,900*	44.3	425.8		44,100*	290
295	14.5	346.3	18,600	38,100*	31.7	398.1	9,600	45,400*	42.3	420.3		42,800*	295
300	6.8	317.9	17,600	35,800*	29.0	389.3	8,900	43,800*	40.3	414.5		41,500*	300
305					26.0	379.4	8,200	42,100*	38.2	408.2		40,300*	305
310					22.8	368.0	7,600	40,400*	35.9	401.4		39,200*	310
315					18.9	354.4	6,900	38,500*	33.6	394.0		38,000*	315
320					14.0	336.7	6,200	36,500*	31.0	385.9		36,900*	320
325					5.8	306.0	5,400	34,100*	28.3	376.9		35,800*	325
330									25.3	366.7		34,700*	330
335									21.9	354.9		33,700*	335
340									17.9	340.5		32,600*	340
345									12.6	321.3		31,600*	345

Liftcrane Luffing Jib Capacities

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

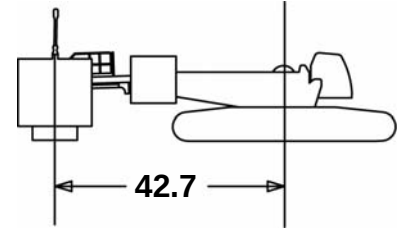
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



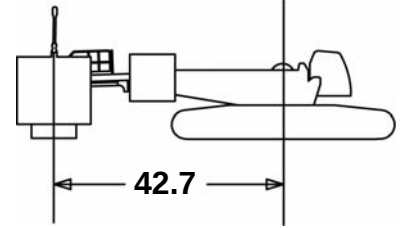
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Liftcrane Luffing Jib Capacities

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

Liftcrane Luffing Jib Capacities

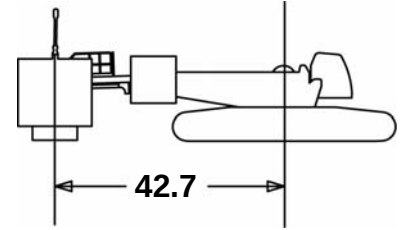
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



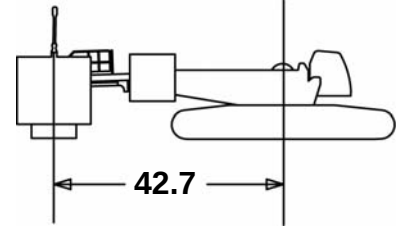
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Liftcrane Luffing Jib Capacities

Luffing Jib 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 42.7 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	
205	62.5	520.5	37,100	47,100*								205
210	61.3	517.8	35,400	47,100*								210
215	60.0	514.9	33,800	47,100*								215
220	58.7	511.9	32,300	47,100*								220
225	57.3	508.7	30,800	47,100*								225
230	56.0	505.3	29,400	47,100*								230
235	54.6	501.8	28,100	47,100*								235
240	53.2	498.1	26,800	47,100*								240
245	51.8	494.2	25,500	47,100*								245
250	50.3	490.0	24,300	47,100*	57.2	500.4	12,800	43,600*				250
255	48.9	485.7	23,200	47,100*	55.9	497.0	11,900	43,600*				255
260	47.3	481.1	22,100	46,100*	54.5	493.5	11,000	43,600*				260
265	45.8	476.3	21,100	45,000*	53.1	489.7	10,200	43,600*				265
270	44.2	471.2	20,000	43,900*	51.7	485.8	9,400	43,600*				270
275	42.5	465.8	19,100	42,700*	50.2	481.7	8,600	43,600*				275
280	40.8	460.1	18,100	41,500*	48.7	477.3	7,900	43,600*				280
285	39.1	454.0	17,200	40,300*	47.2	472.7	7,200	43,600*				285
290	37.2	447.5	16,300	39,200*	45.7	467.9	6,500	43,100*	52.8	478.7	39,500*	290
295	35.3	440.5	15,400	38,000*	44.1	462.7	5,800	42,100*	51.3	474.7	38,200*	295
300	33.3	433.0	14,600	36,800*	42.4	457.3	5,200	41,000*	49.9	470.5	37,000*	300
305	31.2	424.9	13,800	35,500*	40.7	451.6	4,500	39,900*	48.4	466.1	35,800*	305
310	28.9	416.0	13,000	34,200*	38.9	445.4	3,900	38,800*	46.9	461.5	34,700*	310
315	26.4	406.3	12,200	32,900*	37.1	438.9	3,300	37,700*	45.3	456.5	33,600*	315
320	23.7	395.3	11,500	31,600*	35.2	431.9	2,700	36,600*	43.7	451.4	32,500*	320
325	20.7	382.7	10,700	30,200*	33.1	424.4	2,200	35,400*	42.0	445.9	31,500*	325
330	17.1	367.6	10,000	28,700*	31.0	416.2	1,600	34,200*	40.3	440.0	30,500*	330
335	12.6	348.0	9,200	27,000*	28.7	407.3		32,900*	38.5	433.8	29,500*	335
340	4.6	312.4	8,400	25,000*	26.2	397.4		31,600*	36.6	427.2	28,500*	340
345					23.5	386.4		30,300*	34.7	420.0	27,600*	345
350					20.4	373.6		28,900*	32.6	412.4	26,700*	350
355					16.8	358.3		27,400*	30.5	404.0	25,800*	355
360					12.2	338.1		25,700*	28.1	394.9	24,900*	360
365					3.0	297.5		23,600*	25.6	384.8	24,100*	365
370									22.8	373.4	23,300*	370
375									19.7	360.1	22,400*	375
380									15.9	344.0	21,600*	380
385									10.8	321.9	20,800*	385

Liftcrane Luffing Jib Capacities

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

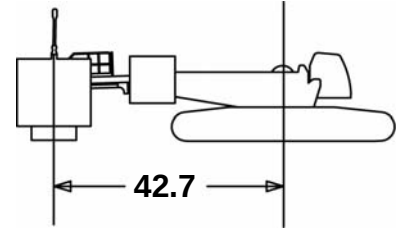
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



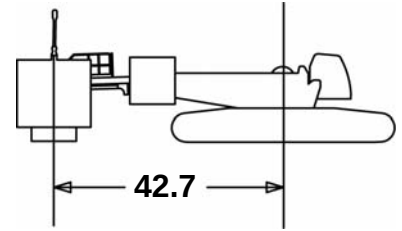
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Liftcrane Luffing Jib Capacities

Luffing Jib 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 42.7 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
215	62.3	537.5	31,500	40,900*								215
220	61.1	534.8	30,000	40,900*								220
225	59.9	531.9	28,500	40,900*								225
230	58.7	528.9	27,100	40,900*								230
235	57.5	525.7	25,800	40,900*								235
240	56.2	522.3	24,500	40,900*								240
245	55.0	518.9	23,300	40,900*								245
250	53.7	515.2	22,100	40,900*								250
255	52.4	511.4	21,000	40,900*								255
260	51.0	507.3	19,900	40,900*	57.4	517.4	8,600	37,500*				260
265	49.7	503.1	18,900	40,900*	56.1	514.1	7,800	37,500*				265
270	48.3	498.7	17,900	40,900*	54.9	510.5	7,000	37,500*				270
275	46.9	494.0	16,900	40,200*	53.6	506.9	6,300	37,500*				275
280	45.4	489.1	16,000	39,200*	52.3	503.0	5,600	37,500*				280
285	43.9	484.0	15,100	38,200*	50.9	499.0	4,900	37,500*				285
290	42.4	478.5	14,200	37,200*	49.6	494.7	4,200	37,500*				290
295	40.8	472.8	13,400	36,200*	48.2	490.3	3,500	37,500*				295
300	39.2	466.7	12,600	35,100*	46.8	485.6	2,900	37,500*				300
305	37.5	460.3	11,800	34,100*	45.3	480.7	2,300	37,500*	52.0	491.9	33,200*	305
310	35.7	453.4	11,000	33,100*	43.8	475.5	1,700	36,600*	50.6	487.9	32,100*	310
315	33.9	446.1	10,300	32,000*	42.3	470.1		35,700*	49.2	483.6	31,000*	315
320	31.9	438.2	9,500	30,900*	40.7	464.3		34,700*	47.8	479.1	29,900*	320
325	29.9	429.6	8,800	29,800*	39.0	458.2		33,800*	46.4	474.3	28,900*	325
330	27.7	420.3	8,100	28,600*	37.3	451.7		32,800*	45.0	469.4	27,900*	330
335	25.3	410.0	7,500	27,400*	35.6	444.8		31,800*	43.4	464.1	27,000*	335
340	22.7	398.5	6,800	26,200*	33.7	437.4		30,700*	41.9	458.6	26,000*	340
345	19.7	385.2	6,100	24,900*	31.8	429.5		29,700*	40.3	452.7	25,100*	345
350	16.3	369.3	5,500	23,600*	29.7	420.9		28,600*	38.6	446.6	24,200*	350
355	11.8	348.5	4,800	22,000*	27.5	411.5		27,400*	36.9	440.0	23,400*	355
360	3.2	307.5	4,000	20,100*	25.1	401.1		26,300*	35.1	433.0	22,500*	360
365					22.5	389.5		25,100*	33.3	425.5	21,700*	365
370					19.5	376.1		23,800*	31.3	417.4	20,900*	370
375					16.0	359.9		22,400*	29.2	408.6	20,100*	375
380					11.4	338.5		20,800*	26.9	399.0	19,300*	380
385									24.5	388.4	18,600*	385
390									21.8	376.4	17,800*	390
395									18.7	362.4	17,100*	395
400									15.0	345.3	16,400*	400
405									10.0	321.7	15,600*	405

Liftcrane Luffing Jib Capacities

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

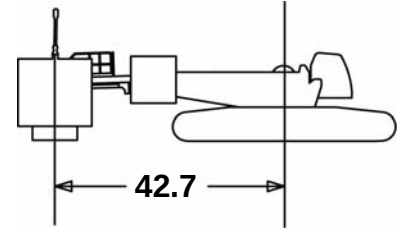
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



16000 MAX-ER

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Liftcrane Luffing Jib Capacities

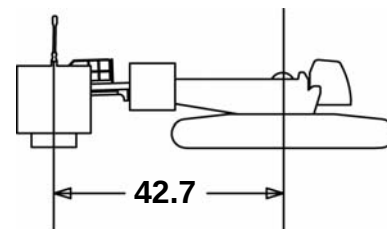
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



16000 MAX-ER

315.0 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
130	61.2	381.4	94,000	131,800*c									130
135	56.9	378.2	89,500	129,900*b									135
140	52.3	374.4	85,300	128,100*b									140
145	47.4	369.9	81,500	126,200*b									145
150	42.0	364.5	77,800	124,500*									150
155	36.0	357.9	74,400	122,900*									155
160	28.9	349.4	71,100	118,800*	58.0	370.5	54,400	126,900*b					160
165	19.2	337.1	67,800	112,600*	53.5	366.9	52,000	124,500b					165
170					48.7	362.5	49,800	120,100b					170
175					43.4	357.4	47,600	115,900					175
180					37.6	351.1	45,600	111,900					180
185					30.8	343.2	43,600	108,100					185
190					22.0	332.3	41,600	104,500					190
195									49.1	352.1	27,000	91,500b	195
200									43.9	347.0	25,700	88,600b	200
205									38.1	340.9	24,400	85,800	205
210									31.4	333.2	23,200	83,200	210
215									22.9	322.6	22,000	80,600	215
220									6.3	300.4	20,400	77,900	220

Liftcrane Luffing Jib Capacities

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

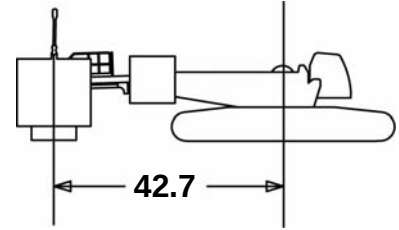
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



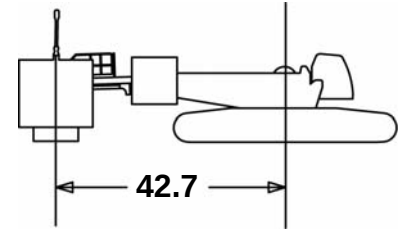
16000 MAX-ER

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Liftcrane Luffing Jib Capacities

Luffing Jib 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 42.7 ft Position
 360 Degree Rating



16000 MAX-ER

315.0 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	
140	60.8	398.4	83,800	115,100*b									140
145	57.4	395.2	80,000	114,100*b									145
150	53.8	391.6	76,400	112,900*									150
155	50.0	387.5	73,100	111,600*									155
160	46.0	382.7	70,000	110,200*									160
165	41.7	377.2	67,100	108,800*									165
170	37.0	370.8	64,300	107,600*									170
175	31.6	363.0	61,600	104,700*	54.7	384.0	46,000	110,900*b					175
180	25.1	353.1	59,100	100,200*	51.0	380.0	44,100	110,300*					180
185	16.3	338.8	56,500	95,200*	47.1	375.4	42,200	106,900					185
190					42.8	370.1	40,400	103,500					190
195					38.2	364.0	38,700	100,100					195
200					33.0	356.6	37,100	97,000					200
205					26.9	347.3	35,500	94,000	51.3	369.5	22,800	84,400	205
210					18.9	334.6	33,900	91,000	47.4	365.0	21,700	81,900	210
215									43.2	359.8	20,600	79,400	215
220									38.6	353.7	19,600	77,100	220
225									33.5	346.4	18,600	74,800	225
230									27.4	337.4	17,600	72,700	230
235									19.7	325.0	16,500	70,500	235

Liftcrane Luffing Jib Capacities

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

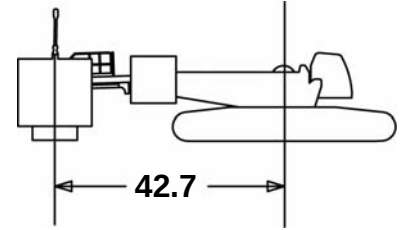
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



16000 MAX-ER

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Liftcrane Luffing Jib Capacities

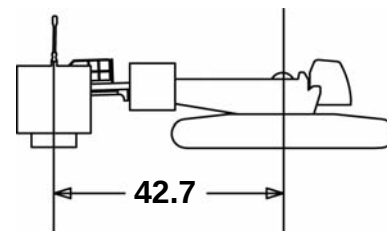
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



16000 MAX-ER

315.0 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
150	60.6	415.3	74,100	101,300*									150
155	57.8	412.2	70,900	100,600*									155
160	54.8	408.7	67,800	99,700*									160
165	51.7	404.8	64,900	98,700*									165
170	48.5	400.4	62,200	97,700*									170
175	45.1	395.5	59,700	96,600*									175
180	41.5	390.0	57,300	95,500*									180
185	37.6	383.6	55,000	94,600*	55.5	401.1	39,800	97,400*					185
190	33.2	376.3	52,800	92,000*	52.5	397.3	38,100	97,200*					190
195	28.3	367.4	50,700	88,900*	49.3	393.0	36,400	96,700*					195
200	22.4	356.2	48,600	85,100*	46.0	388.2	34,900	95,200					200
205	14.0	339.8	46,600	81,000*	42.4	382.9	33,400	92,200					205
210					38.6	376.8	32,000	89,500					210
215					34.4	369.7	30,600	86,800	52.8	386.8	18,100	77,400	215
220					29.6	361.3	29,300	84,200	49.6	382.6	17,100	75,100	220
225					24.0	350.8	28,000	81,800	46.2	377.9	16,200	72,900	225
230					16.5	336.3	26,700	79,300	42.7	372.5	15,300	70,800	230
235									38.9	366.5	14,500	68,800	235
240									34.7	359.5	13,600	66,900*	240
245									30.0	351.2	12,800	65,000*	245
250									24.5	341.0	11,900	63,100*	250
255									17.3	326.9	11,100	61,200*	255

Liftcrane Luffing Jib Capacities

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

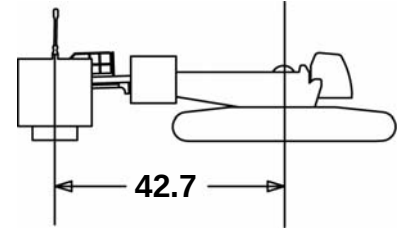
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



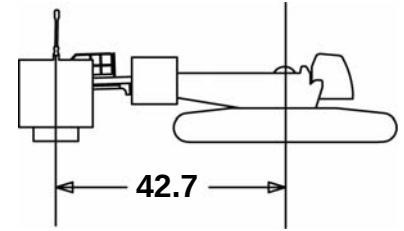
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Liftcrane Luffing Jib Capacities

Luffing Jib 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 42.7 ft Position
 360 Degree Rating



16000 MAX-ER

315.0 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
155	62.8	435.1	69,100	89,900*									155
160	60.5	432.3	66,100	89,600*									160
165	58.0	429.2	63,300	89,100*									165
170	55.5	425.8	60,600	88,500*									170
175	52.9	422.0	58,100	87,800*									175
180	50.2	417.9	55,700	87,000*									180
185	47.4	413.3	53,500	86,200*									185
190	44.4	408.3	51,400	85,400*									190
195	41.3	402.7	49,300	84,600*	56.1	418.1	34,600	85,800*					195
200	38.0	396.4	47,400	82,300*	53.5	414.4	33,100	85,800*					200
205	34.4	389.3	45,600	80,000*	50.9	410.4	31,700	85,700*					205
210	30.4	381.1	43,800	77,700*	48.1	406.0	30,300	85,300*					210
215	25.8	371.3	42,100	75,600*	45.2	401.1	29,000	84,900*					215
220	20.2	358.9	40,400	73,100*	42.1	395.6	27,800	82,900					220
225	12.3	340.4	38,700	69,600*	38.8	389.5	26,600	80,500					225
230					35.3	382.6	25,400	78,200	51.1	399.9	13,500	69,000*	230
235					31.4	374.7	24,300	76,000	48.3	395.5	12,600	66,900*	235
240					27.0	365.4	23,200	73,900	45.4	390.7	11,900	65,000*	240
245					21.7	353.8	22,100	71,900	42.4	385.3	11,100	63,100*	245
250					14.7	337.5	21,000	69,800	39.1	379.2	10,400	61,300*	250
255									35.6	372.4	9,600	59,600*	255
260									31.7	364.6	8,900	57,900*	260
265									27.4	355.4	8,200	56,200*	265
270									22.2	344.0	7,500	54,600*	270
275									15.4	328.4	6,800	53,000*	275

Liftcrane Luffing Jib Capacities

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

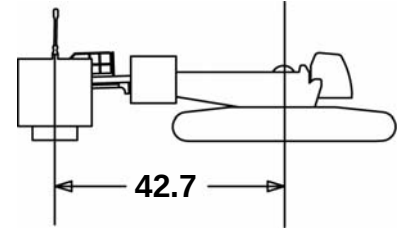
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



16000 MAX-ER

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Liftcrane Luffing Jib Capacities

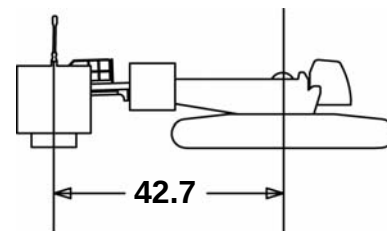
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



16000 MAX-ER

315.0 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
165	62.4	452.1	60,900	79,300*									165
170	60.3	449.2	58,200	79,100*									170
175	58.2	446.1	55,800	78,900*									175
180	56.0	442.8	53,500	78,500*									180
185	53.8	439.2	51,300	78,000*									185
190	51.4	435.2	49,200	77,400*									190
195	49.0	430.9	47,200	76,800*									195
200	46.5	426.2	45,300	76,200*									200
205	43.9	421.1	43,500	75,500*	56.6	435.1	29,200	75,400*					205
210	41.2	415.5	41,800	73,700*	54.3	431.5	27,900	75,400*					210
215	38.3	409.2	40,200	71,600*	52.0	427.7	26,600	75,400*					215
220	35.2	402.3	38,600	69,600*	49.6	423.5	25,400	75,400*					220
225	31.8	394.5	37,100	67,700*	47.2	418.9	24,300	75,300*					225
230	28.0	385.4	35,600	65,900*	44.6	413.9	23,100	75,000*					230
235	23.7	374.7	34,200	64,300*	41.9	408.4	22,100	74,200					235
240	18.4	361.1	32,800	62,700*	39.0	402.3	21,000	72,200	52.2	417.2	9,300	62,200*	240
245	10.7	340.5	31,400	59,700*	36.0	395.6	20,100	70,200	49.8	413.0	8,600	60,400*	245
250					32.7	388.0	19,100	68,300	47.4	408.5	7,900	58,600*	250
255					29.0	379.3	18,100	66,400	44.8	403.5	7,200	56,900*	255
260					24.9	369.0	17,200	64,700	42.1	398.0	6,600	55,300*	260
265					19.9	356.3	16,300	62,900	39.3	392.0	6,000	53,700*	265
270					13.1	338.4	15,300	61,200	36.2	385.3	5,300	52,200*	270
275									33.0	377.8	4,700	50,700*	275
280									29.3	369.2	4,100	49,300*	280
285									25.2	359.1	3,600	47,900*	285
290									20.4	346.7	3,000	46,500*	290
295									13.8	329.4	2,300	45,100*	295

Liftcrane Luffing Jib Capacities

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

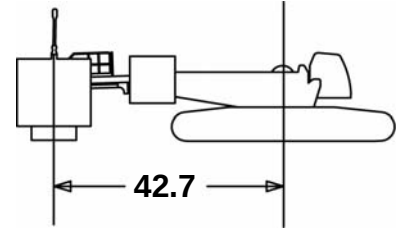
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



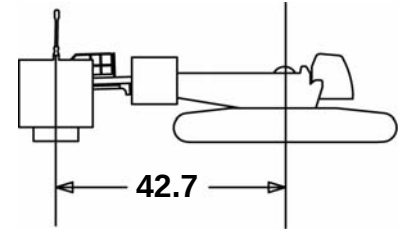
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Liftcrane Luffing Jib Capacities

Luffing Jib 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 42.7 ft Position
 360 Degree Rating



16000 MAX-ER

315.0 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	
175	62.1	469.0	54,000	70,100*									175
180	60.2	466.2	51,700	70,100*									180
185	58.3	463.1	49,500	69,900*									185
190	56.4	459.8	47,400	69,700*									190
195	54.4	456.3	45,500	69,400*									195
200	52.4	452.4	43,600	69,000*									200
205	50.3	448.3	41,900	68,600*									205
210	48.1	443.9	40,200	68,100*									210
215	45.9	439.1	38,600	67,600*	56.9	452.1	24,700	66,400*					215
220	43.5	433.9	37,000	66,200*	54.9	448.6	23,500	66,400*					220
225	41.1	428.2	35,600	64,500*	52.9	444.9	22,400	66,400*					225
230	38.5	422.0	34,200	62,800*	50.8	440.8	21,300	66,400*					230
235	35.8	415.2	32,800	61,100*	48.7	436.5	20,300	66,400*					235
240	32.9	407.7	31,500	59,500*	46.4	431.7	19,300	66,400*					240
245	29.7	399.2	30,200	58,000*	44.1	426.6	18,300	66,400*					245
250	26.1	389.4	29,000	56,500*	41.7	421.1	17,400	66,200*					250
255	22.0	377.7	27,800	55,300*	39.2	415.1	16,500	65,100	51.0	430.4	5,300	54,800*	255
260	17.0	362.9	26,600	54,100*	36.5	408.4	15,600	63,400	48.8	426.0	4,700	53,200*	260
265	9.4	340.1	25,400	51,500*	33.6	401.1	14,800	61,700	46.6	421.3	4,100	51,700*	265
270					30.5	392.8	14,000	60,100	44.3	416.3	3,500	50,200*	270
275					27.1	383.4	13,200	58,500	41.9	410.8	3,000	48,700*	275
280					23.1	372.3	12,400	57,000	39.4	404.8	2,400	47,400*	280
285					18.4	358.5	11,600	55,500	36.7	398.2	1,900	46,000*	285
290					11.8	338.8	10,700	54,000*	33.9	390.9		44,700*	290
295									30.8	382.7		43,400*	295
300									27.4	373.4		42,200*	300
305									23.5	362.5		40,900*	305
310									18.8	349.0		39,700*	310
315									12.5	330.0		38,500*	315

Liftcrane Luffing Jib Capacities

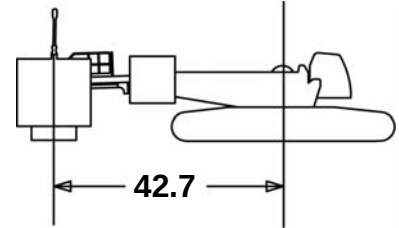
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 42.7 ft Position

360 Degree Rating



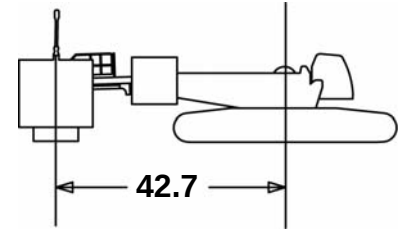
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Liftcrane Luffing Jib Capacities

Luffing Jib 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 42.7 ft Position
 360 Degree Rating



16000 MAX-ER

315.0 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
185	61.8	486.0	47,100	61,200*									185
190	60.2	483.1	45,100	61,200*									190
195	58.5	480.1	43,200	61,100*									195
200	56.7	476.8	41,300	60,900*									200
205	54.9	473.3	39,600	60,700*									205
210	53.1	469.6	38,000	60,500*									210
215	51.3	465.6	36,400	60,200*									215
220	49.3	461.4	34,900	59,900*									220
225	47.4	456.8	33,400	59,500*	57.2	469.1	19,900	57,600*					225
230	45.3	451.9	32,100	59,100*	55.4	465.7	18,900	57,600*					230
235	43.2	446.6	30,800	57,700*	53.6	462.0	17,900	57,600*					235
240	41.0	441.0	29,500	56,300*	51.7	458.1	16,900	57,600*					240
245	38.7	434.8	28,300	54,900*	49.8	453.9	16,000	57,600*					245
250	36.3	428.1	27,100	53,500*	47.9	449.4	15,100	57,600*					250
255	33.7	420.7	26,000	52,200*	45.9	444.6	14,200	57,600*					255
260	30.9	412.6	24,900	50,900*	43.8	439.4	13,400	57,600*					260
265	27.9	403.5	23,800	49,700*	41.6	433.9	12,600	57,600*	51.9	447.6	1,600	48,900*	265
270	24.5	393.0	22,700	48,500*	39.3	427.8	11,800	57,600*	50.0	443.4		47,500*	270
275	20.6	380.4	21,700	47,500*	36.9	421.3	11,000	56,500*	48.0	439.0		46,100*	275
280	15.7	364.5	20,700	45,400*	34.4	414.1	10,300	54,900*	46.0	434.2		44,700*	280
285	8.2	339.2	19,600	43,000*	31.6	406.2	9,600	53,400*	43.9	429.1		43,400*	285
290					28.7	397.3	8,900	51,900*	41.8	423.5		42,100*	290
295					25.4	387.2	8,200	50,500*	39.5	417.5		40,900*	295
300					21.6	375.3	7,500	49,100*	37.1	411.0		39,700*	300
305					17.1	360.4	6,800	47,700*	34.6	403.9		38,500*	305
310					10.6	338.9	6,100	46,300*	31.9	396.1		37,400*	310
315									28.9	387.3		36,300*	315
320									25.7	377.3		35,200*	320
325									22.0	365.5		34,100*	325
330									17.5	351.0		33,100*	330
335									11.3	330.3		32,000*	335

Liftcrane Luffing Jib Capacities

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

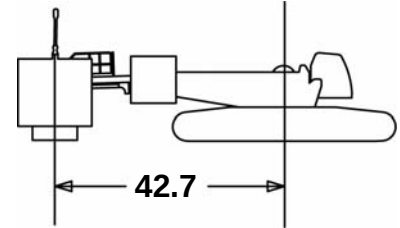
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



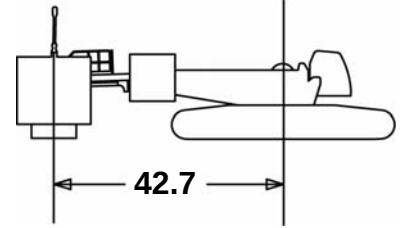
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Liftcrane Luffing Jib Capacities

Luffing Jib 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 42.7 ft Position
 360 Degree Rating



16000 MAX-ER

315.0 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	
195	61.6	503.0	40,900	53,900*								195
200	60.1	500.1	39,100	53,900*								200
205	58.5	497.0	37,400	53,900*								205
210	57.0	493.8	35,800	53,800*								210
215	55.4	490.4	34,200	53,700*								215
220	53.7	486.7	32,700	53,600*								220
225	52.0	482.8	31,300	53,400*								225
230	50.3	478.7	30,000	53,100*								230
235	48.6	474.3	28,700	52,900*	57.4	486.1	15,600	50,400*				235
240	46.8	469.7	27,400	52,600*	55.8	482.7	14,600	50,400*				240
245	44.9	464.7	26,200	51,700*	54.1	479.1	13,700	50,400*				245
250	43.0	459.4	25,100	50,500*	52.5	475.3	12,800	50,400*				250
255	41.0	453.7	23,900	49,300*	50.8	471.2	12,000	50,400*				255
260	38.9	447.6	22,900	48,200*	49.0	466.9	11,200	50,400*				260
265	36.7	441.0	21,800	47,100*	47.2	462.3	10,400	50,400*				265
270	34.4	433.8	20,800	46,000*	45.4	457.4	9,600	50,400*				270
275	31.9	425.9	19,900	44,900*	43.5	452.2	8,900	50,400*	52.6	464.8	43,500*	275
280	29.2	417.2	18,900	43,800*	41.5	446.6	8,200	50,400*	50.9	460.8	42,200*	280
285	26.3	407.4	18,000	42,900*	39.4	440.6	7,500	50,400*	49.2	456.5	40,900*	285
290	23.1	396.2	17,100	42,000*	37.2	434.1	6,800	49,600*	47.4	451.9	39,600*	290
295	19.3	382.9	16,200	40,600*	35.0	427.1	6,200	48,200*	45.5	447.0	38,400*	295
300	14.6	365.7	15,300	38,800*	32.5	419.4	5,500	46,900*	43.6	441.8	37,200*	300
305	7.1	337.8	14,400	36,500*	29.9	410.9	4,900	45,600*	41.6	436.3	36,100*	305
310					27.1	401.5	4,300	44,300*	39.6	430.3	35,000*	310
315					23.9	390.6	3,700	43,000*	37.4	423.9	33,900*	315
320					20.3	377.9	3,100	41,800*	35.1	416.9	32,900*	320
325					15.9	362.0	2,500	40,500*	32.7	409.2	31,900*	325
330					9.6	338.6	1,900	39,300*	30.1	400.8	30,900*	330
335									27.3	391.5	29,900*	335
340									24.2	380.8	29,000*	340
345									20.6	368.2	28,000*	345
350									16.3	352.7	27,100*	350
355									10.2	330.3	26,100*	355

Liftcrane Luffing Jib Capacities

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

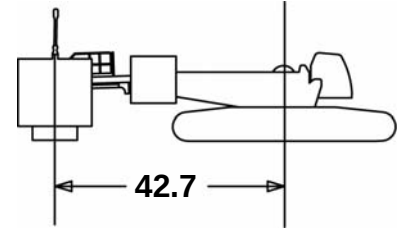
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



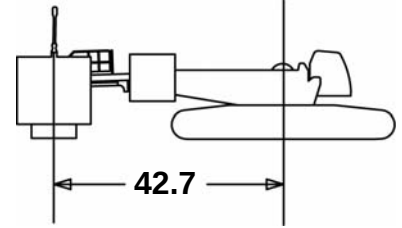
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Liftcrane Luffing Jib Capacities

Luffing Jib 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 42.7 ft Position
 360 Degree Rating



16000 MAX-ER

315.0 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		
200	62.8	522.6	36,900	47,300*								200	
205	61.4	519.9	35,200	47,300*								205	
210	60.0	517.0	33,600	47,300*								210	
215	58.6	514.0	32,000	47,300*								215	
220	57.2	510.8	30,600	47,300*								220	
225	55.7	507.4	29,200	47,300*								225	
230	54.2	503.8	27,800	47,300*								230	
235	52.7	500.0	26,500	47,200*								235	
240	51.1	496.0	25,300	47,200*								240	
245	49.6	491.8	24,100	46,900*	57.5	503.1	11,300	44,100*				245	
250	47.9	487.3	23,000	46,700*	56.1	499.7	10,500	44,100*				250	
255	46.3	482.5	21,900	46,100*	54.6	496.2	9,700	44,100*				255	
260	44.5	477.5	20,900	45,100*	53.1	492.4	8,900	44,100*				260	
265	42.8	472.1	19,900	44,200*	51.5	488.5	8,100	44,100*				265	
270	40.9	466.4	18,900	43,200*	50.0	484.3	7,400	44,100*				270	
275	39.0	460.3	17,900	42,300*	48.3	479.9	6,700	44,100*				275	
280	37.0	453.8	17,000	41,300*	46.7	475.2	6,000	44,100*				280	
285	34.9	446.7	16,200	40,400*	45.0	470.2	5,300	44,100*				285	
290	32.7	439.1	15,300	39,500*	43.2	465.0	4,700	44,100*	51.7	478.0	37,000*	290	
295	30.3	430.7	14,500	38,600*	41.4	459.4	4,100	44,100*	50.1	473.9	35,900*	295	
300	27.8	421.5	13,700	37,800*	39.5	453.4	3,500	44,100*	48.5	469.5	34,700*	300	
305	25.0	411.1	12,900	37,000*	37.5	446.9	2,900	43,300*	46.8	464.8	33,600*	305	
310	21.9	399.2	12,100	36,100*	35.4	440.0	2,300	42,000*	45.1	459.9	32,500*	310	
315	18.2	385.0	11,300	34,600*	33.3	432.5	1,700	40,800*	43.4	454.6	31,500*	315	
320	13.6	366.7	10,500	32,900*	30.9	424.3		39,600*	41.5	449.0	30,500*	320	
325	6.0	335.7	9,600	30,800*	28.4	415.3		38,500*	39.6	443.0	29,500*	325	
330					25.7	405.3		37,400*	37.7	436.7	28,500*	330	
335					22.7	393.8		36,300*	35.6	429.8	27,600*	335	
340					19.2	380.3		35,200*	33.4	422.3	26,700*	340	
345					14.9	363.3		34,100*	31.1	414.2	25,800*	345	
350					8.6	337.9		33,000*	28.6	405.3	24,900*	350	
355									25.9	395.4	24,000*	355	
360									22.9	384.0	23,200*	360	
365									19.5	370.7	22,400*	365	
370									15.3	354.1	21,500*	370	
375									9.3	329.9	20,700*	375	