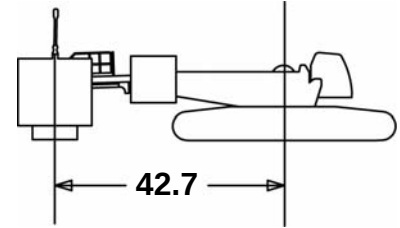


Liftcrane Luffing Jib Capacities

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

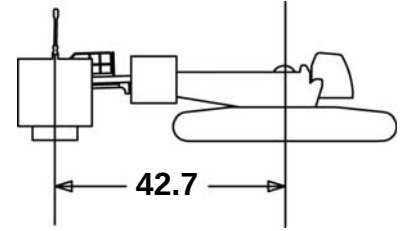
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



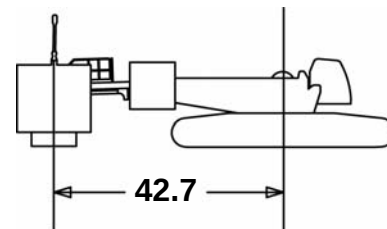
16000 MAX-ER

137.8 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
45	71.6	221.4	296,100	408,900*c									45
50	67.7	219.4	259,500	364,900*b									50
55	63.6	216.9	230,600	328,000*b	69.5	219.5	219,300	402,300*b					55
60	59.4	214.0	207,000	298,500*b	65.5	217.2	196,900	387,800*b					60
65	55.0	210.5	187,500	274,700*	61.3	214.5	178,300	355,400*b	67.2	217.0	169,000	357,700*b	65
70	50.3	206.4	171,100	255,100*	57.0	211.3	162,700	322,600*	63.2	214.5	154,200	330,400*b	70
75	45.2	201.6	157,000	239,000*	52.4	207.5	149,300	296,300*	58.9	211.5	141,500	303,200b	75
80	39.6	195.7	144,800	225,800*	47.5	203.0	137,700	274,900*	54.5	208.0	130,500	279,700	80
85	33.2	188.5	134,000	215,300*	42.2	197.7	127,500	257,300*	49.7	203.9	120,900	259,500	85
90	25.3	178.8	124,400	207,800*	36.2	191.1	118,500	243,000*	44.6	198.9	112,400	241,800	90
95	13.0	162.7	115,500	172,900*	29.1	182.7	110,400	230,100*	38.9	192.9	104,800	226,200	95
100					19.6	170.6	103,000	204,500*	32.4	185.4	97,900	212,300	100
105									24.2	175.4	91,600	199,800	105
110									10.6	157.4	85,500	181,600*	110
115													115
120													120
125													125
130													130
135													135
140													140
145													145

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
45													45
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85	60.5	209.8	109,600	250,300 ^b									85
90	56.1	206.5	101,900	233,300									90
95	51.5	202.6	95,000	218,300									95
100	46.5	197.9	88,800	204,900	57.5	203.6	79,600	197,500					100
105	41.1	192.3	83,200	193,000	52.9	199.9	74,600	186,100					105
110	34.9	185.5	78,100	182,300	48.1	195.5	70,000	175,800					110
115	27.5	176.6	73,400	172,500	42.8	190.2	65,800	166,500					115
120	17.0	163.1	68,800	163,500	36.9	183.8	61,900	158,000	49.2	191.7	54,700	152,200	120
125					29.9	175.7	58,300	150,200	44.0	186.6	51,500	144,700	125
130					20.8	164.1	54,800	142,900	38.3	180.5	48,600	137,900	130
135									31.6	172.8	45,700	131,500	135
140									23.1	162.3	43,000	125,600	140
145									7.4	141.3	40,100	119,800	145

Liftcrane Luffing Jib Capacities

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

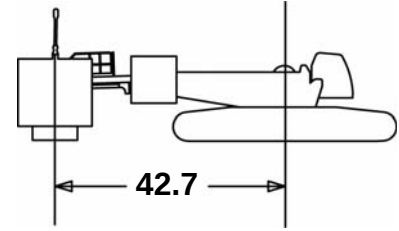
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



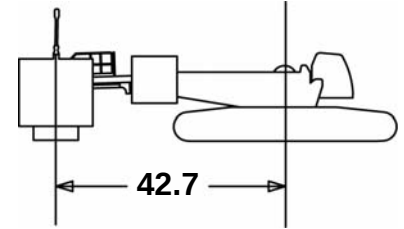
16000 MAX-ER

137.8 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	
50	72.4	240.5	259,900	362,200*b									50
55	69.2	238.6	230,700	331,100*b									55
60	66.1	236.4	207,100	299,500*b	70.6	238.7	196,500	357,400*b					60
65	62.8	233.9	187,500	273,900*	67.5	236.6	177,900	345,700*b					65
70	59.4	230.9	171,100	252,800*	64.3	234.2	162,300	334,500*					70
75	55.9	227.6	157,000	235,200*	60.9	231.5	148,900	303,700*	65.7	234.1	140,800	302,300b	75
80	52.3	223.8	144,900	220,300*	57.5	228.3	137,400	279,000*	62.4	231.5	129,800	278,900	80
85	48.4	219.4	134,300	207,700*	53.9	224.7	127,300	258,700*	59.0	228.5	120,200	258,700	85
90	44.3	214.4	124,900	197,000*	50.1	220.6	118,400	241,700*	55.5	225.1	111,800	241,100	90
95	39.8	208.5	116,600	188,000*	46.1	215.9	110,500	227,200*	51.8	221.2	104,300	225,600	95
100	34.8	201.6	109,100	180,600*	41.8	210.4	103,400	215,300*	47.9	216.8	97,600	211,900	100
105	29.0	193.1	102,300	174,800*	37.1	204.0	97,000	202,400*	43.8	211.7	91,600	199,600	105
110	21.9	181.8	96,000	165,500*	31.8	196.3	91,100	188,700*	39.2	205.7	86,100	188,500	110
115	10.3	162.6	90,000	136,400*	25.3	186.5	85,800	176,200*	34.2	198.6	81,000	178,500	115
120					16.6	172.3	80,700	156,500*	28.3	189.9	76,400	169,400	120
125									20.9	178.1	72,000	161,000	125
130									7.8	156.2	67,600	142,600*	130
135													135
140													140
145													145
150													150
155													155
160													160
165													165

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95	60.3	226.7	94,000	217,300									95
100	56.8	223.5	87,900	204,100									100
105	53.2	219.8	82,400	192,200									105
110	49.4	215.6	77,400	181,600	57.9	220.6	68,800	174,700					110
115	45.3	210.7	72,900	172,000	54.3	217.1	64,800	165,500					115
120	40.9	205.1	68,700	163,300	50.5	213.0	61,000	157,100					120
125	36.1	198.4	64,900	155,300	46.6	208.4	57,500	149,400					125
130	30.6	190.4	61,300	147,900	42.3	203.0	54,300	142,400	51.4	209.1	47,400	136,900	130
135	23.9	180.0	57,900	141,100	37.6	196.7	51,400	135,900	47.5	204.6	44,800	130,700	135
140	14.2	164.2	54,600	134,700	32.3	189.1	48,600	129,900	43.3	199.4	42,300	124,900	140
145					26.1	179.6	45,900	124,300	38.7	193.3	40,000	119,600	145
150					17.7	166.1	43,300	119,000	33.6	186.1	37,800	114,600	150
155									27.6	177.1	35,700	109,900	155
160									19.9	164.9	33,600	105,500	160
165									3.1	136.5	31,200	101,100	165

Liftcrane Luffing Jib Capacities

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

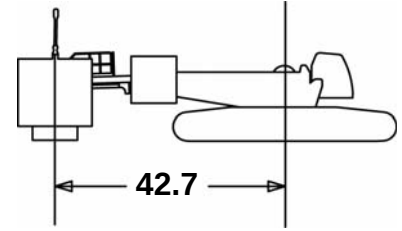
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



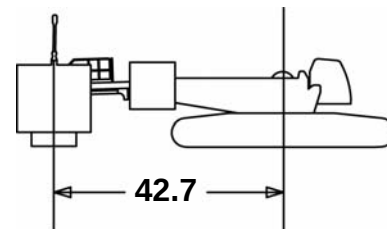
16000 MAX-ER

137.8 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	
55	72.8	259.6	230,200	321,000*b									55
60	70.3	257.8	206,500	305,000*b									60
65	67.7	255.8	186,800	277,100*									65
70	65.0	253.5	170,300	254,300*	68.8	255.9	161,100	308,300*					70
75	62.2	250.8	156,200	235,400*	66.2	253.7	147,700	299,500*					75
80	59.4	247.9	144,000	219,400*	63.5	251.2	136,200	283,900	67.4	253.4	128,300	277,500	80
85	56.5	244.6	133,400	205,800*	60.7	248.4	126,100	263,300	64.7	251.1	118,800	257,300	85
90	53.5	241.0	124,100	194,100*	57.8	245.3	117,200	245,300	61.9	248.4	110,400	239,800	90
95	50.4	236.9	115,800	183,900*	54.9	241.8	109,400	229,500	59.1	245.5	102,900	224,300	95
100	47.1	232.3	108,400	175,200*	51.8	237.9	102,300	215,500	56.2	242.1	96,200	210,600	100
105	43.6	227.1	101,700	167,500*	48.6	233.6	96,000	203,000	53.2	238.4	90,300	198,400	105
110	39.9	221.3	95,700	161,000*	45.2	228.7	90,300	190,900*	50.0	234.3	84,800	187,400	110
115	35.8	214.5	90,200	155,500*	41.6	223.1	85,000	178,700*	46.7	229.6	79,900	177,500	115
120	31.3	206.6	85,100	150,900*	37.7	216.8	80,300	167,800*	43.2	224.4	75,400	168,500	120
125	26.0	196.9	80,400	144,600*	33.4	209.5	75,900	157,900*	39.4	218.5	71,200	160,200	125
130	19.3	184.2	76,000	130,400*	28.5	200.7	71,800	148,800*	35.3	211.6	67,400	152,700	130
135	8.1	161.6	71,600	107,600*	22.6	189.6	67,900	140,400*	30.7	203.5	63,800	145,700	135
140					14.4	173.5	64,200	124,100*	25.3	193.6	60,400	139,300	140
145									18.4	180.3	57,200	133,200	145
150									5.1	153.4	53,800	112,500*	150
155													155
160													160
165													165
170													170
175													175
180													180

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100	62.9	246.6	86,100	202,500									100
105	60.1	243.7	80,700	190,700									105
110	57.3	240.5	75,800	180,200									110
115	54.3	236.9	71,300	170,600									115
120	51.2	232.9	67,200	161,900									120
125	47.9	228.5	63,400	154,000	55.2	234.1	55,700	147,900					125
130	44.5	223.5	60,000	146,800	52.1	230.3	52,600	140,900					130
135	40.8	217.8	56,700	140,100	48.9	226.0	49,700	134,500					135
140	36.9	211.3	53,700	133,900	45.6	221.2	47,000	128,600	52.8	226.3	40,300	123,300	140
145	32.4	203.7	50,900	128,200	42.0	215.7	44,500	123,100	49.7	222.1	38,100	118,000	145
150	27.4	194.6	48,300	122,800	38.1	209.5	42,100	118,000	46.3	217.4	36,000	113,100	150
155	21.2	182.8	45,700	117,800	33.8	202.3	39,900	113,200	42.8	212.1	34,000	108,600	155
160	12.0	164.6	43,200	113,000	29.0	193.7	37,800	108,700	39.0	206.1	32,200	104,300	160
165					23.2	182.9	35,800	104,500	34.8	199.1	30,400	100,300	165
170					15.4	167.6	33,700	100,500	30.2	190.9	28,700	96,500	170
175									24.7	180.7	27,100	92,900	175
180									17.5	166.8	25,500	89,500	180

Liftcrane Luffing Jib Capacities

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

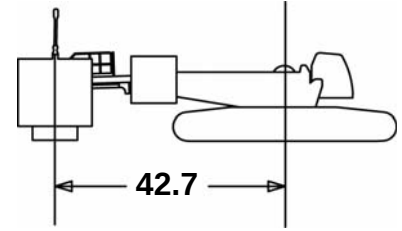
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



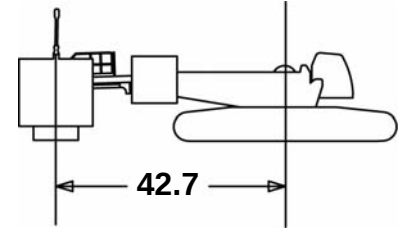
16000 MAX-ER

137.8 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	
60	73.2	278.7	206,100	285,600*									60
65	71.0	277.0	186,300	277,600*									65
70	68.8	275.0	169,700	259,300*									70
75	66.5	272.9	155,500	238,700*	69.8	275.1	146,800	275,800*					75
80	64.2	270.5	143,300	221,400*	67.5	273.0	135,200	268,800*					80
85	61.8	267.8	132,700	206,800*	65.2	270.7	125,200	262,100*					85
90	59.4	264.9	123,300	194,200*	62.9	268.2	116,300	244,300	66.2	270.5	109,200	238,600	90
95	57.0	261.6	115,000	183,200*	60.5	265.4	108,400	228,600	63.9	268.1	101,800	223,200	95
100	54.4	258.1	107,600	173,700*	58.1	262.3	101,400	214,600	61.6	265.4	95,100	209,600	100
105	51.8	254.2	101,000	165,300*	55.6	258.9	95,100	202,100	59.2	262.4	89,100	197,400	105
110	49.0	249.9	95,000	158,000*	53.0	255.1	89,400	190,900	56.7	259.2	83,700	186,400	110
115	46.2	245.1	89,500	151,500*	50.3	251.0	84,200	179,800*	54.1	255.6	78,800	176,500	115
120	43.1	239.9	84,500	145,800*	47.5	246.5	79,400	168,800*	51.5	251.6	74,300	167,500	120
125	39.9	234.0	79,900	140,800*	44.5	241.4	75,100	159,000*	48.7	247.3	70,200	159,300	125
130	36.5	227.4	75,700	136,400*	41.4	235.9	71,100	150,000*	45.8	242.5	66,400	151,800	130
135	32.7	219.9	71,800	129,000*	38.1	229.6	67,400	141,900*	42.8	237.2	62,900	144,900	135
140	28.5	211.1	68,100	122,200*	34.5	222.5	63,900	134,400*	39.6	231.2	59,700	138,500	140
145	23.6	200.3	64,600	116,400*	30.5	214.4	60,700	127,500*	36.1	224.5	56,600	132,600	145
150	17.3	186.1	61,400	105,700*	25.9	204.6	57,600	121,000*	32.3	216.9	53,800	127,100	150
155	6.0	159.4	58,000	86,500*	20.4	192.3	54,700	114,300*	28.0	207.9	51,100	122,000	155
160					12.6	174.1	51,900	101,000*	23.0	196.9	48,500	117,200	160
165									16.5	182.1	46,100	110,200*	165
170													170
175													175
180													180
185													185
190													190
195													195
200													200

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 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.	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	
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110	62.4	263.5	74,400	178,900									110
115	60.0	260.6	69,900	169,400									115
120	57.6	257.5	65,900	160,800									120
125	55.1	254.0	62,100	152,900									125
130	52.4	250.2	58,700	145,700									130
135	49.7	246.0	55,500	139,000	55.8	251.2	48,200	133,300					135
140	46.9	241.4	52,600	132,900	53.2	247.5	45,600	127,400					140
145	43.9	236.3	49,900	127,200	50.6	243.4	43,100	121,900					145
150	40.8	230.6	47,300	122,000	47.8	238.9	40,800	116,900					150
155	37.4	224.2	44,900	117,100	44.8	234.0	38,700	112,100	51.2	239.5	32,500	107,300	155
160	33.7	216.9	42,600	112,500	41.7	228.4	36,600	107,700	48.4	235.1	30,700	103,100	160
165	29.6	208.4	40,500	108,100	38.4	222.3	34,700	103,600	45.5	230.2	29,100	99,200	165
170	24.9	198.3	38,400	104,100	34.9	215.3	32,900	99,700	42.5	224.9	27,400	95,400	170
175	19.1	185.2	36,400	100,200	30.9	207.2	31,200	96,100	39.2	218.9	25,900	91,900	175
180	10.2	164.5	34,400	96,500	26.4	197.7	29,500	92,600	35.7	212.1	24,500	88,600	180
185					21.0	185.7	27,900	89,300	31.8	204.3	23,100	85,500	185
190					13.6	168.5	26,300	86,200	27.5	195.1	21,800	82,600	190
195									22.4	183.8	20,500	79,700	195
200									15.6	168.3	19,100	77,000	200

Liftcrane Luffing Jib Capacities

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

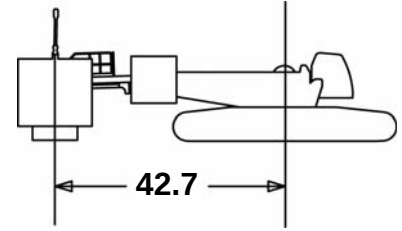
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



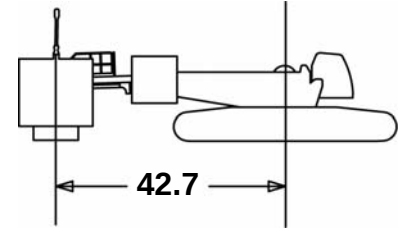
16000 MAX-ER

137.8 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	73.5	297.8	185,400	255,600*									65
70	71.5	296.1	168,700	249,200*									70
75	69.6	294.2	154,400	242,900*									75
80	67.6	292.2	142,200	225,300*	70.5	294.2	133,900	247,400*					80
85	65.6	289.9	131,500	209,300*	68.5	292.3	123,700	241,700*					85
90	63.6	287.5	122,100	195,700*	66.5	290.1	114,800	235,200*					90
95	61.5	284.8	113,800	183,900*	64.5	287.7	107,000	227,300	67.4	289.9	100,100	221,800	95
100	59.4	281.8	106,400	173,700*	62.5	285.1	99,900	213,300	65.4	287.6	93,500	208,100	100
105	57.3	278.6	99,800	164,800*	60.4	282.3	93,600	200,800	63.4	285.1	87,500	195,900	105
110	55.1	275.1	93,800	156,900*	58.3	279.2	87,900	189,600	61.3	282.4	82,100	185,000	110
115	52.8	271.4	88,300	149,900*	56.1	275.9	82,800	179,300*	59.2	279.4	77,200	175,100	115
120	50.4	267.3	83,300	143,600*	53.8	272.3	78,000	168,400*	57.0	276.2	72,700	166,200	120
125	48.0	262.8	78,700	138,100*	51.5	268.3	73,700	158,600*	54.8	272.6	68,700	158,000	125
130	45.5	258.0	74,500	133,100*	49.1	264.0	69,700	149,700*	52.5	268.9	64,900	150,500	130
135	42.8	252.6	70,700	127,200*	46.6	259.3	66,000	141,600*	50.2	264.7	61,400	143,600	135
140	40.0	246.8	67,100	120,200*	44.0	254.2	62,600	134,200*	47.7	260.2	58,200	137,300	140
145	37.0	240.3	63,700	113,800*	41.3	248.6	59,500	127,300*	45.2	255.3	55,200	131,400	145
150	33.8	233.0	60,600	108,000*	38.4	242.4	56,500	121,100*	42.5	249.9	52,400	125,900	150
155	30.3	224.7	57,600	102,700*	35.3	235.5	53,700	115,200*	39.7	244.0	49,800	120,900	155
160	26.3	215.0	54,900	98,000*	31.9	227.7	51,100	109,800*	36.7	237.4	47,300	116,100	160
165	21.7	203.3	52,200	94,000*	28.2	218.7	48,600	104,700*	33.4	230.0	45,000	111,700	165
170	15.7	187.7	49,700	86,600*	23.9	208.0	46,300	99,900*	29.9	221.6	42,800	107,100*	170
175	3.8	155.4	46,900	69,200*	18.6	194.5	44,000	93,800*	25.8	211.7	40,700	102,200*	175
180					11.0	174.3	41,800	83,000*	21.1	199.7	38,700	97,600*	180
185									14.9	183.4	36,800	90,800*	185
190													190
195													195
200													200
205													205
210													210
215													215
220													220

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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.	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													85
90													90
95													95
100													100
105													105
110													110
115													115
120	62.1	280.5	64,000	159,200									120
125	60.0	277.6	60,300	151,400									125
130	57.8	274.5	56,900	144,200									130
135	55.6	271.1	53,700	137,500									135
140	53.4	267.4	50,800	131,500									140
145	51.0	263.4	48,100	125,800	56.3	268.2	41,100	120,300					145
150	48.6	259.0	45,600	120,600	54.1	264.6	38,900	115,300					150
155	46.1	254.2	43,200	115,700	51.7	260.7	36,800	110,600					155
160	43.5	249.0	41,000	111,100	49.4	256.5	34,800	106,200					160
165	40.7	243.3	38,900	106,900	46.9	251.8	32,900	102,100	52.3	256.7	27,000	97,500	165
170	37.8	237.0	37,000	102,900	44.3	246.7	31,200	98,300	49.9	252.6	25,400	93,800	170
175	34.6	229.9	35,100	99,100	41.6	241.2	29,500	94,700	47.4	248.0	24,000	90,400	175
180	31.2	221.9	33,300	95,600	38.7	235.1	27,900	91,300	44.9	243.1	22,600	87,100	180
185	27.4	212.6	31,600	92,200	35.6	228.2	26,400	88,100	42.2	237.6	21,200	84,000	185
190	22.9	201.5	30,000	89,000	32.3	220.5	25,000	85,000	39.3	231.6	20,000	81,100	190
195	17.4	187.1	28,400	85,900	28.6	211.7	23,600	82,100	36.3	224.9	18,800	78,400	195
200	8.7	163.8	26,700	82,900	24.3	201.2	22,300	79,400	33.0	217.5	17,600	75,700	200
205					19.2	188.1	21,000	76,700	29.4	208.9	16,500	73,200	205
210					12.1	169.0	19,600	74,200	25.4	198.9	15,400	70,900	210
215									20.5	186.5	14,300	68,600	215
220									14.0	169.4	13,300	66,300	220

Liftcrane Luffing Jib Capacities

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

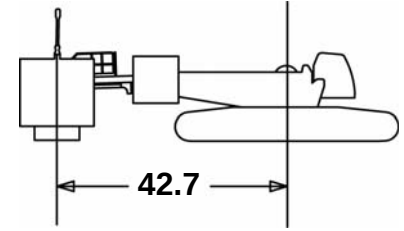
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



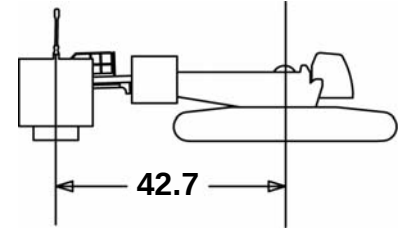
16000 MAX-ER

137.8 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	73.7	316.8	167,900	213,200*									70
75	72.0	315.2	153,600	212,800*									75
80	70.3	313.4	141,300	209,100*									80
85	68.5	311.4	130,600	202,600*									85
90	66.8	309.3	121,100	195,000*	69.3	311.5	113,700	205,400*					90
95	65.0	307.0	112,800	187,200*	67.5	309.4	105,800	202,300*					95
100	63.2	304.4	105,400	176,300*	65.8	307.2	98,700	196,600*					100
105	61.3	301.7	98,700	166,600*	64.0	304.7	92,400	190,600*	66.6	307.0	86,200	194,700	105
110	59.4	298.8	92,700	158,000*	62.1	302.1	86,700	184,300*	64.8	304.6	80,800	183,800	110
115	57.5	295.6	87,200	150,400*	60.3	299.3	81,500	178,000*	63.0	302.0	75,900	173,900	115
120	55.6	292.2	82,200	143,700*	58.4	296.2	76,800	168,000*	61.1	299.3	71,400	165,000	120
125	53.6	288.5	77,700	137,600*	56.5	292.9	72,500	158,500*	59.2	296.3	67,300	156,800	125
130	51.5	284.6	73,500	132,100*	54.5	289.4	68,500	149,500*	57.3	293.1	63,600	149,400	130
135	49.4	280.3	69,600	125,300*	52.4	285.5	64,900	141,400*	55.3	289.7	60,100	142,500	135
140	47.2	275.7	66,000	118,800*	50.3	281.4	61,500	134,000*	53.3	286.0	56,900	136,200	140
145	44.9	270.8	62,700	112,700*	48.2	277.0	58,300	127,100*	51.3	282.0	53,900	130,300	145
150	42.5	265.4	59,600	107,000*	45.9	272.2	55,400	120,900*	49.1	277.7	51,200	124,900	150
155	40.0	259.5	56,700	101,600*	43.6	267.0	52,600	115,000*	46.9	273.1	48,600	119,800	155
160	37.4	253.1	54,000	96,700*	41.2	261.4	50,100	109,700*	44.6	268.1	46,100	115,100	160
165	34.6	246.0	51,400	92,200*	38.6	255.2	47,600	104,600*	42.3	262.7	43,900	110,700	165
170	31.6	238.1	49,000	88,000*	35.9	248.4	45,400	99,900*	39.7	256.7	41,700	106,500	170
175	28.2	229.1	46,700	84,200*	33.0	240.9	43,200	95,500*	37.1	250.2	39,700	102,200*	175
180	24.5	218.6	44,500	80,900*	29.8	232.4	41,200	91,400*	34.3	243.1	37,800	97,700*	180
185	20.1	205.9	42,400	78,100*	26.2	222.7	39,200	87,500*	31.2	235.0	35,900	93,400*	185
190	14.3	188.8	40,400	71,900*	22.2	211.1	37,300	83,700*	27.8	225.9	34,200	89,400*	190
195					17.1	196.4	35,500	78,100*	24.0	215.2	32,500	85,600*	195
200					9.7	174.0	33,700	68,900*	19.5	202.1	30,900	81,900*	200
205									13.5	184.3	29,300	75,700*	205
210													210
215													215
220													220
225													225
230													230
235													235
240													240

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130	61.8	297.4	55,400	142,900									130
135	59.9	294.5	52,300	136,300									135
140	58.0	291.4	49,400	130,200									140
145	56.1	288.1	46,700	124,600									145
150	54.1	284.5	44,200	119,400									150
155	52.0	280.6	41,800	114,500	56.7	285.2	35,200	109,300					155
160	49.9	276.4	39,600	110,000	54.7	281.7	33,200	104,900					160
165	47.7	271.9	37,600	105,700	52.6	277.9	31,400	100,900					165
170	45.5	267.1	35,600	101,700	50.6	273.8	29,600	97,000					170
175	43.1	261.8	33,800	98,000	48.4	269.4	28,000	93,500					175
180	40.7	256.1	32,100	94,500	46.2	264.7	26,500	90,100	51.0	269.9	21,000	85,800	180
185	38.1	249.8	30,400	91,200	43.9	259.5	25,000	86,900	48.9	265.6	19,700	82,700	185
190	35.3	242.9	28,900	88,000	41.4	253.9	23,600	83,900	46.7	260.9	18,400	79,800	190
195	32.3	235.2	27,400	85,000	38.9	247.8	22,300	81,000	44.4	255.8	17,300	77,100	195
200	29.1	226.5	26,000	82,200	36.2	241.1	21,000	78,300	42.0	250.4	16,200	74,500	200
205	25.5	216.4	24,600	79,500	33.3	233.7	19,800	75,800	39.5	244.4	15,100	72,100	205
210	21.2	204.4	23,300	76,900	30.1	225.3	18,600	73,300	36.8	237.8	14,100	69,700	210
215	15.9	188.7	21,900	74,400	26.6	215.7	17,500	71,000	33.9	230.5	13,100	67,500	215
220	7.3	162.5	20,500	72,000	22.6	204.4	16,400	68,700	30.9	222.4	12,100	65,400	220
225					17.7	190.1	15,300	66,500	27.4	213.1	11,200	63,300	225
230					10.7	169.1	14,200	64,400	23.6	202.2	10,300	61,300	230
235									18.9	188.8	9,400	59,400	235
240									12.7	170.1	8,500	57,600	240

Liftcrane Luffing Jib Capacities

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

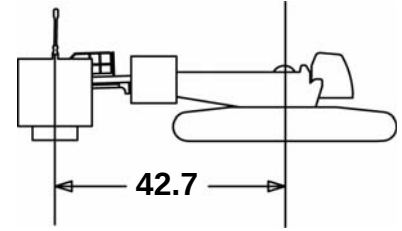
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



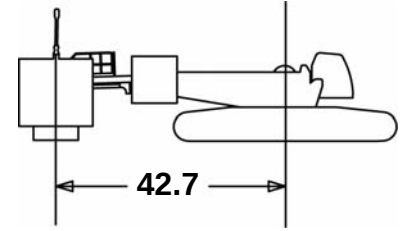
16000 MAX-ER

137.8 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	73.8	335.9	152,500	176,300*									75
80	72.3	334.3	140,100	175,600*									80
85	70.8	332.5	129,300	174,900*									85
90	69.2	330.6	119,900	174,100*									90
95	67.6	328.6	111,500	169,100*	69.9	330.7	104,300	168,700*					95
100	66.0	326.4	104,000	163,400*	68.3	328.7	97,200	168,400*					100
105	64.4	324.0	97,400	157,400*	66.8	326.5	90,900	167,900*					105
110	62.8	321.4	91,300	151,400*	65.2	324.2	85,200	164,600*	67.5	326.3	79,000	160,000*	110
115	61.1	318.7	85,800	145,200*	63.5	321.7	80,000	158,900*	65.9	324.0	74,200	160,000*	115
120	59.4	315.7	80,900	139,100*	61.9	319.1	75,300	153,300*	64.2	321.6	69,700	160,000*	120
125	57.7	312.6	76,300	133,000*	60.2	316.2	71,000	147,500*	62.6	319.0	65,600	155,400	125
130	56.0	309.2	72,100	127,100*	58.5	313.2	67,000	142,000*	60.9	316.3	61,900	148,000	130
135	54.2	305.6	68,200	121,300*	56.8	309.9	63,300	136,600*	59.3	313.3	58,400	141,100	135
140	52.3	301.8	64,600	115,700*	55.0	306.4	59,900	131,300*	57.5	310.1	55,200	134,800	140
145	50.5	297.7	61,300	110,300*	53.2	302.7	56,800	126,000*	55.8	306.7	52,300	128,900	145
150	48.5	293.3	58,200	105,100*	51.3	298.7	53,900	119,800*	54.0	303.1	49,500	123,500	150
155	46.5	288.6	55,300	100,200*	49.4	294.5	51,100	114,000*	52.1	299.3	46,900	118,500	155
160	44.5	283.6	52,600	95,600*	47.4	289.9	48,600	108,600*	50.2	295.1	44,500	113,800	160
165	42.3	278.1	50,100	91,200*	45.4	285.0	46,200	103,600*	48.3	290.7	42,300	109,300	165
170	40.1	272.3	47,700	87,100*	43.3	279.8	43,900	99,000*	46.3	286.0	40,100	105,200	170
175	37.7	265.9	45,500	83,200*	41.1	274.1	41,800	94,600*	44.2	280.9	38,100	101,200*	175
180	35.2	259.0	43,300	79,700*	38.8	268.0	39,800	90,600*	42.1	275.4	36,200	96,700*	180
185	32.6	251.3	41,300	76,400*	36.4	261.3	37,900	86,700*	39.8	269.5	34,400	92,500*	185
190	29.7	242.8	39,400	73,300*	33.8	254.0	36,100	83,100*	37.4	263.1	32,700	88,600*	190
195	26.5	233.1	37,500	70,600*	31.0	245.9	34,300	79,700*	34.9	256.0	31,100	84,900*	195
200	22.9	221.8	35,800	68,100*	28.0	236.7	32,700	76,400*	32.2	248.3	29,600	81,400*	200
205	18.7	208.1	34,100	66,000*	24.6	226.3	31,100	73,300*	29.3	239.6	28,100	78,000*	205
210	13.1	189.7	32,400	59,700*	20.7	213.8	29,600	70,300*	26.1	229.8	26,700	74,900*	210
215					15.9	198.0	28,100	65,000*	22.5	218.4	25,300	71,800*	215
220					8.5	173.3	26,500	57,100*	18.1	204.3	23,900	68,900*	220
225									12.3	184.9	22,600	63,100*	225
230													230
235													235
240													240
245													245
250													250
255													255
260													260

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 42.7 ft Position
 360 Degree Rating



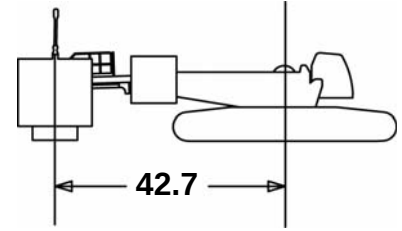
16000 MAX-ER

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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140	61.5	314.4	47,500	128,700									140
145	59.9	311.5	44,800	123,000									145
150	58.2	308.4	42,300	117,800									150
155	56.4	305.1	40,000	113,000									155
160	54.6	301.6	37,800	108,500									160
165	52.8	297.8	35,800	104,300	56.9	302.2	29,400	99,200					165
170	50.9	293.8	33,900	100,300	55.2	298.8	27,700	95,400					170
175	49.0	289.5	32,000	96,600	53.4	295.1	26,100	91,900					175
180	47.0	284.8	30,300	93,100	51.5	291.1	24,500	88,500					180
185	45.0	279.9	28,700	89,800	49.6	286.9	23,100	85,400					185
190	42.9	274.5	27,200	86,600	47.6	282.4	21,700	82,400	51.9	287.1	16,400	78,200	190
195	40.6	268.8	25,700	83,700	45.6	277.5	20,400	79,500	50.0	283.0	15,200	75,500	195
200	38.3	262.6	24,400	80,900	43.5	272.3	19,200	76,900	48.1	278.5	14,200	72,900	200
205	35.9	255.8	23,000	78,200	41.3	266.7	18,000	74,300	46.1	273.7	13,100	70,500	205
210	33.2	248.3	21,800	75,700	39.0	260.6	16,900	71,900	44.0	268.6	12,100	68,200	210
215	30.4	240.0	20,500	73,300	36.6	254.0	15,800	69,600	41.8	263.1	11,200	66,000	215
220	27.3	230.6	19,400	71,000	34.1	246.7	14,800	67,400	39.6	257.1	10,300	63,900	220
225	23.9	219.9	18,200	68,800	31.3	238.7	13,800	65,300	37.2	250.6	9,400	61,800	225
230	19.8	206.9	17,100	66,600	28.3	229.7	12,800	63,300	34.6	243.5	8,500	59,900	230
235	14.7	190.0	16,000	64,600	25.0	219.4	11,900	61,300	31.9	235.7	7,700	58,100	235
240	5.9	160.4	14,800	60,500*	21.1	207.2	11,000	59,400	29.0	226.9	6,900	56,300	240
245					16.4	191.8	10,000	57,600	25.8	217.0	6,200	54,600	245
250					9.6	168.8	9,100	55,800	22.1	205.3	5,400	52,900	250
255									17.6	190.8	4,700	51,300	255
260									11.5	170.4	3,900	49,800	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
137,850 lb Hanging Counterweight
at 42.7 ft Position
360 Degree Rating



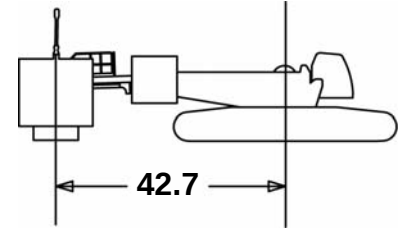
16000 MAX-ER

137.8 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	72.6	353.4	127,900	146,700*									85
90	71.2	351.6	118,400	145,900*									90
95	69.8	349.8	110,000	145,100*									95
100	68.3	347.8	102,600	144,300*	70.4	349.8	95,600	140,900*					100
105	66.9	345.7	95,800	142,200*	69.0	347.9	89,200	140,400*					105
110	65.5	343.4	89,800	137,800*	67.6	345.8	83,500	140,000*					110
115	64.0	341.0	84,300	133,300*	66.1	343.6	78,300	139,500*					115
120	62.5	338.4	79,300	128,700*	64.6	341.2	73,600	138,900*	66.7	343.4	67,900	133,500*	120
125	61.0	335.6	74,700	124,200*	63.2	338.7	69,300	138,300*	65.3	341.1	63,800	133,400*	125
130	59.4	332.7	70,500	119,500*	61.7	336.0	65,300	137,800*	63.8	338.6	60,100	133,300*	130
135	57.9	329.6	66,600	114,900*	60.1	333.2	61,600	134,300*	62.3	336.0	56,600	133,100*	135
140	56.3	326.2	63,100	110,400*	58.6	330.1	58,200	129,300*	60.8	333.2	53,400	132,900*	140
145	54.7	322.7	59,700	105,900*	57.0	326.9	55,100	122,900*	59.3	330.2	50,500	127,400	145
150	53.0	319.0	56,600	101,600*	55.4	323.5	52,200	117,000*	57.7	327.1	47,700	122,000	150
155	51.3	315.0	53,700	97,300*	53.8	319.8	49,400	111,500*	56.1	323.8	45,200	117,000	155
160	49.6	310.8	51,000	93,300*	52.1	316.0	46,900	106,400*	54.5	320.2	42,700	112,300	160
165	47.8	306.3	48,500	89,400*	50.4	311.8	44,500	101,700*	52.8	316.4	40,500	107,900	165
170	46.0	301.5	46,100	85,600*	48.6	307.5	42,300	97,100*	51.1	312.4	38,400	103,800	170
175	44.1	296.4	43,900	82,100*	46.8	302.8	40,100	92,800*	49.4	308.2	36,400	99,300*	175
180	42.1	290.9	41,800	78,700*	45.0	297.8	38,100	88,800*	47.6	303.6	34,500	94,900*	180
185	40.1	285.0	39,800	75,500*	43.0	292.5	36,200	85,000*	45.8	298.8	32,700	90,700*	185
190	38.0	278.7	37,900	72,500*	41.0	286.9	34,500	81,500*	43.9	293.7	31,000	86,900*	190
195	35.7	271.9	36,100	69,600*	38.9	280.7	32,700	78,100*	41.9	288.2	29,400	83,200*	195
200	33.3	264.4	34,400	67,000*	36.7	274.1	31,100	75,000*	39.9	282.2	27,900	79,800*	200
205	30.8	256.2	32,700	64,500*	34.4	267.0	29,600	72,000*	37.7	275.9	26,400	76,500*	205
210	28.1	247.1	31,100	62,300*	32.0	259.1	28,100	69,100*	35.5	269.0	25,100	73,500*	210
215	25.0	236.8	29,600	60,200*	29.3	250.5	26,700	66,400*	33.1	261.4	23,700	70,500*	215
220	21.6	224.8	28,200	58,400*	26.4	240.7	25,300	63,800*	30.5	253.1	22,500	67,800*	220
225	17.5	210.1	26,800	54,900*	23.2	229.6	24,000	61,300*	27.7	243.9	21,200	65,100*	225
230	12.1	190.2	25,300	49,200*	19.4	216.3	22,700	58,900*	24.7	233.4	20,000	62,600*	230
235					14.7	199.3	21,500	53,900*	21.2	221.2	18,900	60,100*	235
240					7.4	172.1	20,100	47,000*	17.0	206.1	17,800	57,800*	240
245									11.3	185.2	16,600	52,400*	245
250													250
255													255
260													260
265													265
270													270
275													275
280													280

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145	62.9	334.1	42,900	121,200*									145
150	61.4	331.4	40,400	116,200									150
155	59.8	328.5	38,100	111,400									155
160	58.3	325.4	35,900	106,900									160
165	56.7	322.1	33,900	102,700									165
170	55.1	318.6	32,000	98,700									170
175	53.4	315.0	30,200	95,000	57.2	319.2	24,000	90,200					175
180	51.8	311.0	28,500	91,500	55.6	315.8	22,500	86,900					180
185	50.0	306.9	26,900	88,200	53.9	312.2	21,100	83,700					185
190	48.3	302.4	25,300	85,100	52.3	308.3	19,800	80,800					190
195	46.5	297.7	23,900	82,200	50.6	304.2	18,500	78,000					195
200	44.6	292.7	22,500	79,400	48.8	299.9	17,300	75,300	52.7	304.3	12,100	71,300	200
205	42.6	287.3	21,200	76,800	47.0	295.3	16,100	72,800	51.0	300.3	11,100	68,800	205
210	40.6	281.5	20,000	74,200	45.2	290.3	15,000	70,300	49.2	296.0	10,100	66,500	210
215	38.5	275.4	18,800	71,900	43.2	285.1	13,900	68,100	47.4	291.5	9,200	64,300	215
220	36.3	268.6	17,700	69,600	41.2	279.4	12,900	65,900	45.6	286.6	8,300	62,200	220
225	34.0	261.4	16,600	67,400	39.2	273.4	12,000	63,800	43.7	281.4	7,400	60,300	225
230	31.5	253.4	15,500	65,300	37.0	266.8	11,000	61,800	41.7	275.9	6,600	58,300	230
235	28.8	244.5	14,500	63,300	34.7	259.7	10,100	59,900	39.6	269.9	5,800	56,500	235
240	25.8	234.5	13,500	61,400	32.2	251.9	9,300	58,000	37.5	263.5	5,100	54,800	240
245	22.5	223.0	12,600	59,500	29.6	243.4	8,400	56,300	35.2	256.5	4,300	53,100	245
250	18.6	209.1	11,600	57,700	26.7	233.8	7,600	54,600	32.8	248.9	3,600	51,500	250
255	13.6	191.0	10,700	56,000	23.5	222.8	6,800	53,000	30.2	240.5	2,900	49,900	255
260	4.5	157.1	9,600	49,800*	19.9	209.7	6,000	51,400	27.4	231.1	2,300	48,400	260
265					15.3	193.3	5,200	49,800	24.3	220.5	1,600	47,000	265
270					8.5	168.0	4,400	48,300	20.7	208.0		45,600	270
275									16.4	192.5		44,200	275
280									10.4	170.4		42,900	280

Liftcrane Luffing Jib Capacities

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

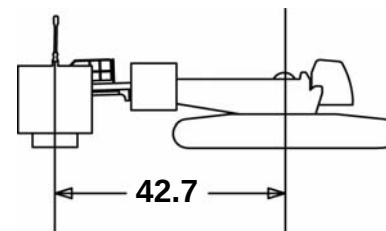
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



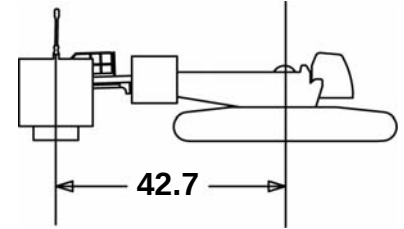
16000 MAX-ER

137.8 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	71.5	370.8	108,700	121,800*									95
100	70.2	369.0	101,200	121,100*									100
105	68.9	367.0	94,500	120,200*	70.8	368.9	87,700	117,800*					105
110	67.6	365.0	88,400	119,400*	69.5	367.1	82,000	117,300*					110
115	66.3	362.8	82,900	118,500*	68.2	365.1	76,800	116,700*					115
120	65.0	360.5	77,900	117,100*	66.9	362.9	72,000	116,100*					120
125	63.6	358.0	73,300	113,600*	65.6	360.7	67,700	115,500*	67.5	362.7	62,100	111,500*	125
130	62.2	355.4	69,100	110,200*	64.2	358.3	63,700	114,800*	66.2	360.5	58,400	111,200*	130
135	60.9	352.6	65,200	106,700*	62.9	355.7	60,100	114,200*	64.8	358.1	54,900	110,900*	135
140	59.4	349.6	61,600	103,100*	61.5	353.0	56,700	113,500*	63.5	355.6	51,800	110,500*	140
145	58.0	346.5	58,300	99,700*	60.1	350.1	53,500	112,900*	62.1	353.0	48,800	110,100*	145
150	56.6	343.2	55,200	96,100*	58.7	347.1	50,600	112,200*	60.7	350.2	46,100	109,700*	150
155	55.1	339.8	52,300	92,700*	57.2	343.9	47,900	110,300*	59.3	347.2	43,500	109,300*	155
160	53.6	336.1	49,600	89,400*	55.8	340.5	45,400	105,300*	57.9	344.1	41,100	108,900*	160
165	52.1	332.2	47,100	86,100*	54.3	336.9	43,000	100,500*	56.4	340.8	38,800	106,600	165
170	50.5	328.1	44,700	82,900*	52.7	333.1	40,700	96,100*	54.9	337.3	36,700	102,400	170
175	48.9	323.8	42,500	79,800*	51.2	329.1	38,600	92,000*	53.4	333.6	34,800	98,300*	175
180	47.2	319.2	40,400	76,800*	49.6	324.9	36,600	88,300*	51.9	329.7	32,900	94,100*	180
185	45.5	314.3	38,400	73,900*	48.0	320.4	34,700	84,500*	50.3	325.5	31,100	90,200*	185
190	43.8	309.1	36,500	71,100*	46.3	315.7	33,000	80,900*	48.7	321.2	29,400	86,300*	190
195	42.0	303.6	34,700	68,500*	44.6	310.6	31,300	77,500*	47.0	316.6	27,800	82,600*	195
200	40.1	297.8	33,000	65,900*	42.8	305.3	29,700	74,300*	45.3	311.7	26,300	79,100*	200
205	38.2	291.5	31,400	63,500*	41.0	299.6	28,200	71,300*	43.6	306.5	24,900	75,800*	205
210	36.1	284.7	29,900	61,300*	39.1	293.5	26,700	68,400*	41.8	300.9	23,500	72,700*	210
215	34.0	277.5	28,400	59,100*	37.1	287.0	25,300	65,700*	39.9	295.0	22,200	69,800*	215
220	31.7	269.5	27,000	57,100*	35.0	279.9	24,000	63,100*	37.9	288.7	21,000	67,000*	220
225	29.3	260.8	25,600	55,300*	32.8	272.3	22,700	60,600*	35.9	281.9	19,800	64,400*	225
230	26.6	251.1	24,300	53,600*	30.4	264.0	21,500	58,200*	33.7	274.5	18,600	61,800*	230
235	23.7	240.2	23,000	52,000*	27.9	254.8	20,300	55,900*	31.5	266.5	17,500	59,400*	235
240	20.4	227.4	21,800	49,800*	25.1	244.4	19,200	53,800*	29.0	257.7	16,500	57,100*	240
245	16.4	211.9	20,600	45,600*	22.0	232.6	18,000	51,700*	26.3	247.9	15,400	54,900*	245
250	11.1	190.4	19,400	40,500*	18.3	218.5	17,000	49,300*	23.4	236.8	14,400	52,700*	250
255					13.8	200.3	15,900	44,800*	20.0	223.8	13,500	50,700*	255
260					6.3	170.2	14,700	38,500*	15.9	207.7	12,500	48,600*	260
265									10.3	185.2	11,500	43,500*	265
270													270
275													275
280													280
285													285
290													290
295													295
300													300

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155	62.6	351.1	36,200	101,300*									155
160	61.2	348.3	34,000	101,300*									160
165	59.8	345.4	32,000	101,200									165
170	58.4	342.4	30,100	97,300									170
175	56.9	339.1	28,400	93,600									175
180	55.5	335.7	26,700	90,100									180
185	54.0	332.0	25,100	86,800	57.4	336.2	19,200	82,200					185
190	52.4	328.2	23,600	83,700	55.9	332.8	17,800	79,200					190
195	50.9	324.2	22,200	80,800	54.4	329.3	16,600	76,400					195
200	49.3	319.9	20,800	78,000	52.9	325.5	15,400	73,800					200
205	47.6	315.4	19,500	75,400	51.4	321.5	14,200	71,300					205
210	46.0	310.6	18,300	72,900	49.8	317.3	13,100	68,900					210
215	44.2	305.5	17,100	70,500	48.1	312.9	12,100	66,600	51.7	317.5	7,200	62,800	215
220	42.4	300.1	16,000	68,200	46.5	308.2	11,100	64,400	50.1	313.4	6,300	60,700	220
225	40.6	294.3	14,900	66,100	44.8	303.1	10,200	62,300	48.5	309.0	5,500	58,700	225
230	38.7	288.1	13,900	64,000	43.0	297.8	9,300	60,400	46.9	304.4	4,700	56,800	230
235	36.7	281.5	12,900	62,000	41.2	292.2	8,400	58,500	45.2	299.4	3,900	55,000	235
240	34.5	274.3	12,000	60,100	39.3	286.1	7,500	56,700	43.4	294.2	3,200	53,300	240
245	32.3	266.6	11,100	58,300	37.3	279.6	6,700	54,900	41.6	288.6	2,500	51,600	245
250	29.9	258.1	10,200	56,600	35.2	272.7	5,900	53,300	39.7	282.6	1,800	50,000	250
255	27.3	248.7	9,300	54,900	33.0	265.1	5,200	51,700	37.7	276.3		48,500	255
260	24.5	238.1	8,500	53,200	30.6	256.8	4,500	50,100	35.7	269.4		47,000	260
265	21.3	225.9	7,700	51,700*	28.1	247.7	3,800	48,600	33.5	262.0		45,600	265
270	17.5	211.1	6,900	49,700*	25.4	237.5	3,100	47,200	31.2	253.9		44,200	270
275	12.6	191.7	6,000	47,600*	22.3	225.9	2,400	45,800	28.7	245.0		42,900	275
280	2.8	151.6	5,000	40,700*	18.7	212.0	1,700	44,400	26.0	235.1		41,600	280
285					14.3	194.5		43,100	23.0	223.8		40,400	285
290					7.5	166.8		41,800	19.6	210.5		39,200	290
295									15.4	194.0		38,000	295
300									9.5	170.1		36,800	300

Liftcrane Luffing Jib Capacities

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

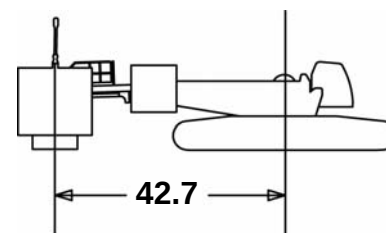
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



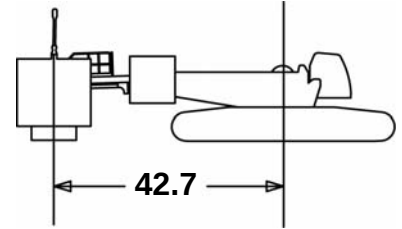
16000 MAX-ER

137.8 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	69.4	386.2	87,100	101,200*									110
115	68.2	384.2	81,600	100,500*	70.0	386.2	75,400	98,800*					115
120	67.0	382.1	76,600	99,700*	68.8	384.3	70,600	98,300*					120
125	65.8	379.9	72,000	99,000*	67.6	382.2	66,300	97,700*					125
130	64.6	377.5	67,800	98,200*	66.3	380.0	62,300	97,100*					130
135	63.3	375.0	63,900	97,300*	65.1	377.7	58,700	96,500*	66.9	379.8	53,400	93,600*	135
140	62.0	372.3	60,300	94,700*	63.9	375.3	55,300	95,900*	65.7	377.5	50,300	93,200*	140
145	60.7	369.5	57,000	92,000*	62.6	372.7	52,100	95,300*	64.4	375.1	47,300	92,800*	145
150	59.5	366.6	53,900	89,300*	61.3	370.0	49,200	94,700*	63.2	372.6	44,600	92,500*	150
155	58.1	363.5	51,000	86,500*	60.0	367.1	46,500	94,100*	61.9	369.9	42,000	92,100*	155
160	56.8	360.2	48,300	83,800*	58.7	364.0	43,900	93,500*	60.6	367.1	39,600	91,600*	160
165	55.4	356.8	45,800	81,100*	57.4	360.9	41,600	92,900*	59.3	364.2	37,400	91,200*	165
170	54.1	353.2	43,400	78,500*	56.1	357.5	39,300	92,300*	58.0	361.0	35,200	90,800*	170
175	52.7	349.4	41,200	75,900*	54.7	354.0	37,200	89,900*	56.6	357.8	33,300	90,400*	175
180	51.2	345.4	39,100	73,400*	53.3	350.3	35,200	86,100*	55.3	354.3	31,400	89,900*	180
185	49.8	341.2	37,100	70,900*	51.9	346.4	33,300	82,600*	53.9	350.7	29,600	88,000*	185
190	48.3	336.7	35,200	68,500*	50.4	342.2	31,600	79,300*	52.5	346.9	28,000	84,400*	190
195	46.7	332.1	33,400	66,200*	48.9	337.9	29,900	75,900*	51.1	342.9	26,400	81,000*	195
200	45.2	327.1	31,700	63,900*	47.4	333.4	28,300	72,800*	49.6	338.6	24,900	77,500*	200
205	43.5	321.9	30,100	61,700*	45.9	328.5	26,800	69,800*	48.1	334.1	23,500	74,300*	205
210	41.9	316.4	28,600	59,700*	44.3	323.5	25,300	67,000*	46.6	329.5	22,100	71,200*	210
215	40.1	310.5	27,100	57,700*	42.6	318.1	24,000	64,300*	45.0	324.5	20,800	68,300*	215
220	38.3	304.3	25,700	55,800*	40.9	312.3	22,600	61,700*	43.3	319.2	19,600	65,600*	220
225	36.5	297.6	24,400	54,000*	39.2	306.3	21,400	59,300*	41.7	313.7	18,400	63,000*	225
230	34.5	290.4	23,100	52,200*	37.3	299.8	20,200	57,000*	39.9	307.7	17,300	60,500*	230
235	32.5	282.7	21,900	50,600*	35.4	292.9	19,000	54,800*	38.1	301.5	16,200	58,100*	235
240	30.3	274.3	20,700	49,100*	33.4	285.4	17,900	52,700*	36.3	294.7	15,100	55,900*	240
245	27.9	265.1	19,500	47,700*	31.3	277.3	16,800	50,600*	34.3	287.5	14,100	53,700*	245
250	25.4	254.9	18,400	45,800*	29.0	268.5	15,800	48,700*	32.2	279.7	13,100	51,700*	250
255	22.6	243.4	17,400	44,000*	26.6	258.8	14,800	46,800*	30.0	271.2	12,200	49,700*	255
260	19.4	229.9	16,300	41,200*	23.9	247.9	13,800	45,000*	27.7	261.9	11,300	47,800*	260
265	15.5	213.4	15,300	37,500*	20.9	235.4	12,900	43,200*	25.1	251.6	10,400	46,000*	265
270	10.2	190.4	14,200	33,000*	17.3	220.4	11,900	40,900*	22.2	239.9	9,600	44,200*	270
275					12.9	201.1	11,000	36,900*	19.0	226.1	8,700	42,400*	275
280					5.3	167.6	10,000	31,100*	15.0	209.1	7,900	40,300*	280
285									9.4	184.8	7,000	35,700*	285
290													290
295													295
300													300
305													305
310													310
315													315
320													320

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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.	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													135
140													140
145													145
150													150
155													155
160													160
165	62.3	368.0	30,400	85,000*									165
170	61.1	365.3	28,500	85,000*									170
175	59.8	362.4	26,800	85,000*									175
180	58.5	359.3	25,100	85,000*									180
185	57.1	356.1	23,500	84,900*									185
190	55.8	352.7	22,000	82,400									190
195	54.4	349.1	20,600	79,500	57.5	353.2	14,900	75,100					195
200	53.0	345.4	19,300	76,700	56.2	349.8	13,700	72,400					200
205	51.6	341.4	18,000	74,100	54.8	346.3	12,600	69,900					205
210	50.1	337.3	16,800	71,600	53.4	342.6	11,500	67,500					210
215	48.6	332.9	15,600	69,300	52.0	338.7	10,500	65,300					215
220	47.1	328.3	14,500	67,000	50.6	334.7	9,500	63,100					220
225	45.5	323.4	13,400	64,800	49.1	330.4	8,600	61,000	52.3	334.8	3,800	57,300	225
230	43.9	318.3	12,400	62,800	47.6	325.8	7,700	59,100	50.9	330.7	3,000	55,500	230
235	42.3	312.8	11,400	60,800	46.0	321.0	6,800	57,200	49.4	326.5	2,300	53,700	235
240	40.6	307.0	10,500	58,900	44.4	316.0	6,000	55,400	47.9	322.0	1,500	51,900	240
245	38.8	300.9	9,600	57,100	42.8	310.6	5,200	53,700	46.4	317.2		50,300	245
250	37.0	294.3	8,700	55,400	41.1	304.9	4,400	52,000	44.8	312.2		48,700	250
255	35.0	287.3	7,900	53,700	39.3	298.9	3,700	50,400	43.2	307.0		47,200	255
260	33.0	279.7	7,100	52,100	37.5	292.5	3,000	48,900	41.5	301.3		45,700	260
265	30.8	271.5	6,300	50,600	35.6	285.6	2,300	47,400	39.7	295.4		44,300	265
270	28.5	262.5	5,600	48,800*	33.6	278.2	1,600	46,000	37.9	289.0		43,000	270
275	26.0	252.6	4,800	46,900*	31.5	270.2		44,600	36.1	282.3		41,700	275
280	23.3	241.4	4,100	45,100*	29.2	261.4		43,300	34.1	275.0		40,400	280
285	20.2	228.5	3,400	43,300*	26.8	251.8		42,000	32.0	267.1		39,200	285
290	16.5	212.9	2,700	41,600*	24.2	241.0		40,800	29.8	258.6		38,000	290
295	11.8	192.2	2,000	39,800*	21.2	228.7		39,600	27.4	249.2		36,900	295
300					17.7	214.1		38,400	24.8	238.7		35,800	300
305					13.4	195.4		37,300	21.9	226.8		34,700	305
310					6.5	165.1		36,100	18.6	212.8		33,700	310
315									14.5	195.3		32,600	315
320									8.6	169.4		31,600	320

Liftcrane Luffing Jib Capacities

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

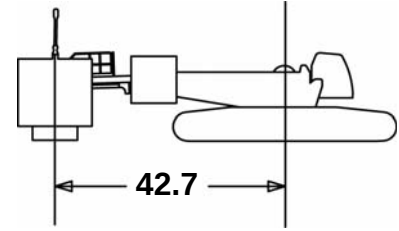
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



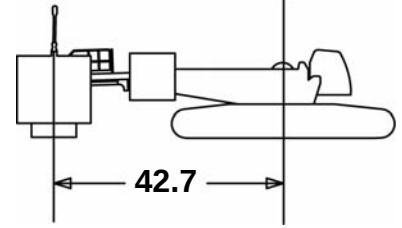
16000 MAX-ER

137.8 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	68.7	403.4	75,000	84,600*	70.4	405.4	68,900	83,400*					120
125	67.6	401.4	70,400	83,900*	69.3	403.5	64,600	82,800*					125
130	66.5	399.2	66,200	83,100*	68.1	401.5	60,600	82,200*					130
135	65.3	396.9	62,300	82,300*	67.0	399.4	56,900	81,600*					135
140	64.2	394.5	58,700	81,600*	65.9	397.1	53,500	81,000*	67.5	399.1	48,400	78,800*	140
145	63.0	392.0	55,400	80,900*	64.7	394.7	50,400	80,400*	66.4	396.9	45,500	78,400*	145
150	61.8	389.3	52,300	80,200*	63.6	392.3	47,500	79,800*	65.2	394.6	42,700	77,900*	150
155	60.7	386.5	49,400	79,500*	62.4	389.7	44,800	79,200*	64.1	392.1	40,200	77,500*	155
160	59.5	383.5	46,700	77,400*	61.2	386.9	42,200	78,500*	62.9	389.6	37,800	77,000*	160
165	58.2	380.5	44,200	75,200*	60.0	384.0	39,800	77,900*	61.7	386.9	35,500	76,600*	165
170	57.0	377.2	41,800	73,100*	58.8	381.0	37,600	77,300*	60.5	384.1	33,400	76,100*	170
175	55.7	373.8	39,600	71,100*	57.5	377.9	35,500	76,700*	59.3	381.1	31,500	75,700*	175
180	54.5	370.3	37,500	69,000*	56.3	374.5	33,500	76,200*	58.1	378.0	29,600	75,200*	180
185	53.2	366.5	35,500	66,900*	55.0	371.0	31,700	75,600*	56.9	374.8	27,800	74,700*	185
190	51.8	362.6	33,600	64,900*	53.7	367.4	29,900	75,100*	55.6	371.4	26,200	74,300*	190
195	50.5	358.5	31,800	63,000*	52.4	363.6	28,200	74,000*	54.3	367.8	24,600	73,800*	195
200	49.1	354.2	30,100	61,100*	51.1	359.5	26,600	71,100*	53.0	364.0	23,100	73,400*	200
205	47.7	349.7	28,500	59,200*	49.7	355.3	25,100	68,200*	51.7	360.1	21,700	72,600*	205
210	46.3	345.0	27,000	57,400*	48.4	350.9	23,700	65,400*	50.3	356.0	20,300	69,700*	210
215	44.8	340.0	25,500	55,600*	46.9	346.3	22,300	62,800*	49.0	351.6	19,100	66,800*	215
220	43.3	334.7	24,200	53,900*	45.5	341.4	21,000	60,200*	47.6	347.1	17,800	64,100*	220
225	41.8	329.1	22,800	52,300*	44.0	336.2	19,700	57,800*	46.1	342.3	16,700	61,500*	225
230	40.2	323.3	21,600	50,700*	42.5	330.8	18,500	55,500*	44.7	337.3	15,500	59,000*	230
235	38.5	317.0	20,300	49,200*	40.9	325.1	17,400	53,300*	43.1	332.0	14,500	56,600*	235
240	36.8	310.4	19,200	47,800*	39.2	319.0	16,300	51,200*	41.6	326.4	13,400	54,400*	240
245	35.0	303.4	18,000	46,300*	37.6	312.6	15,200	49,200*	40.0	320.5	12,400	52,300*	245
250	33.1	295.8	17,000	44,500*	35.8	305.7	14,200	47,300*	38.3	314.2	11,500	50,200*	250
255	31.1	287.7	15,900	42,800*	33.9	298.4	13,200	45,500*	36.6	307.6	10,600	48,300*	255
260	29.0	278.9	14,900	41,100*	32.0	290.6	12,300	43,700*	34.8	300.5	9,700	46,400*	260
265	26.7	269.2	13,900	39,400*	30.0	282.1	11,400	42,000*	32.9	292.9	8,800	44,600*	265
270	24.3	258.4	13,000	37,800*	27.8	272.8	10,500	40,300*	30.9	284.6	8,000	42,900*	270
275	21.5	246.3	12,100	36,300*	25.4	262.5	9,600	38,700*	28.7	275.7	7,200	41,200*	275
280	18.4	232.1	11,200	33,500*	22.8	251.1	8,800	37,100*	26.5	265.9	6,400	39,500*	280
285	14.6	214.6	10,300	30,200*	19.9	237.9	8,000	35,600*	24.0	255.1	5,600	38,000*	285
290	9.4	190.0	9,300	26,100*	16.4	222.2	7,200	33,200*	21.2	242.7	4,900	36,400*	290
295					12.0	201.7	6,300	29,600*	18.0	228.2	4,200	34,900*	295
300					4.1	164.0	5,400	24,200*	14.1	210.3	3,400	32,800*	300
305									8.6	184.2	2,700	28,700*	305
310													310
315													315
320													320
325													325
330													330
335													335
340													340

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 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	Luffing Jib Capacity Pounds	
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160												160
165												165
170												170
175	62.1	385.0	24,800	71,200*								175
180	61.0	382.2	23,100	71,000*								180
185	59.8	379.3	21,500	70,900*								185
190	58.5	376.3	20,100	70,700*								190
195	57.3	373.1	18,700	70,500*								195
200	56.0	369.7	17,300	70,300*								200
205	54.8	366.2	16,100	70,100*	57.7	370.2	10,500	64,600*				205
210	53.5	362.5	14,900	69,900*	56.4	366.9	9,500	64,600*				210
215	52.2	358.6	13,700	67,700	55.2	363.4	8,400	63,600				215
220	50.8	354.6	12,600	65,500	53.9	359.7	7,500	61,500				220
225	49.5	350.3	11,600	63,300	52.6	355.9	6,500	59,400				225
230	48.1	345.9	10,600	61,300	51.2	351.9	5,700	57,500				230
235	46.7	341.2	9,600	59,300	49.9	347.7	4,800	55,600	52.9	351.9	52,000	235
240	45.2	336.2	8,700	57,500	48.5	343.4	4,000	53,800	51.5	348.0	50,300	240
245	43.7	331.1	7,800	55,700	47.1	338.7	3,200	52,100	50.2	343.8	48,600	245
250	42.1	325.6	6,900	53,900	45.6	333.9	2,500	50,500	48.8	339.5	47,100	250
255	40.6	319.8	6,100	52,300	44.1	328.7	1,700	48,900	47.4	334.9	45,600	255
260	38.9	313.7	5,300	50,700	42.6	323.4		47,400	46.0	330.1	44,100	260
265	37.2	307.1	4,600	49,200*	41.0	317.7		45,900	44.5	325.0	42,700	265
270	35.4	300.2	3,800	47,300*	39.4	311.6		44,500	43.0	319.7	41,400	270
275	33.6	292.8	3,100	45,500*	37.7	305.2		43,100	41.4	314.1	40,100	275
280	31.6	284.8	2,400	43,700*	36.0	298.5		41,800	39.8	308.1	38,900	280
285	29.5	276.1	1,800	42,000*	34.1	291.2		40,600	38.1	301.8	37,700	285
290	27.3	266.7		40,400*	32.2	283.4		39,400	36.4	295.1	36,500	290
295	24.9	256.2		38,800*	30.2	274.9		38,200	34.6	288.0	35,400	295
300	22.2	244.5		37,200*	28.0	265.7		37,000	32.7	280.3	34,300	300
305	19.2	230.9		35,700*	25.7	255.6		35,900	30.6	272.0	33,200	305
310	15.7	214.4		34,200*	23.1	244.3		34,900	28.5	263.0	32,200	310
315	11.0	192.4		32,700*	20.2	231.3		33,800	26.2	253.1	31,200	315
320					16.8	215.9		32,800	23.7	242.1	30,200*	320
325					12.6	196.1		31,800	20.9	229.6	29,100*	325
330					5.5	162.7		30,700	17.6	214.8	28,100*	330
335									13.6	196.3	27,000*	335
340									7.8	168.4	25,900*	340

Liftcrane Luffing Jib Capacities

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

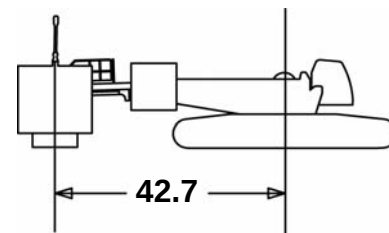
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



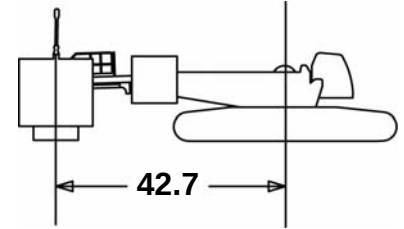
16000 MAX-ER

157.5 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
45	72.7	241.6	297,100	387,800*c									45
50	68.8	239.6	260,200	356,800*b									50
55	64.8	237.3	231,100	321,700*b									55
60	60.6	234.5	207,400	293,600*b	67.4	237.9	195,300	371,000*b					60
65	56.2	231.2	187,800	270,700*	63.3	235.4	176,900	355,800*b					65
70	51.6	227.3	171,300	251,800*	59.1	232.4	161,300	323,100*b	66.0	235.7	151,200	327,200*b	70
75	46.7	222.6	157,200	236,200*	54.7	228.9	148,000	296,900*	61.8	233.0	138,700	300,500b	75
80	41.2	217.1	145,000	223,500*	49.9	224.8	136,500	275,600*	57.5	229.9	127,900	277,300b	80
85	35.1	210.3	134,200	213,300*	44.8	219.9	126,400	258,000*	53.0	226.2	118,500	257,200	85
90	27.7	201.4	124,600	206,000*	39.2	214.0	117,500	243,700*	48.2	221.8	110,100	239,700	90
95	17.3	188.2	115,900	191,700*	32.7	206.6	109,500	229,800	42.9	216.5	102,700	224,300	95
100					24.6	196.7	102,200	215,600	37.0	210.1	96,000	210,500	100
105					11.6	179.5	95,300	178,700*	30.1	202.0	89,800	198,200	105
110									21.0	190.6	84,200	187,100	110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
45													45
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90	60.6	228.9	97,600	229,600 ^b									90
95	56.2	225.6	91,000	214,900 ^b									95
100	51.6	221.6	85,000	201,800									100
105	46.6	217.0	79,700	190,100									105
110	41.2	211.5	74,800	179,500	54.5	219.8	65,000	171,800					110
115	35.0	204.6	70,300	170,000	49.8	215.6	61,100	162,700					115
120	27.6	195.8	66,100	161,200	44.7	210.7	57,500	154,400					120
125	17.3	182.4	62,000	153,100	39.0	204.7	54,100	146,800	52.4	212.4	45,900	140,300	125
130					32.5	197.2	51,000	139,800	47.5	207.9	43,200	133,700	130
135					24.3	187.2	48,000	133,300	42.2	202.5	40,700	127,600	135
140					10.9	169.4	44,900	127,100	36.2	196.0	38,300	121,900	140
145									29.0	187.6	36,100	116,600	145
150									19.5	175.4	33,800	111,600	150

Liftcrane Luffing Jib Capacities

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

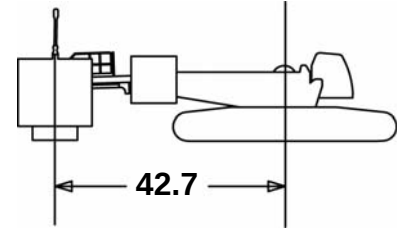
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



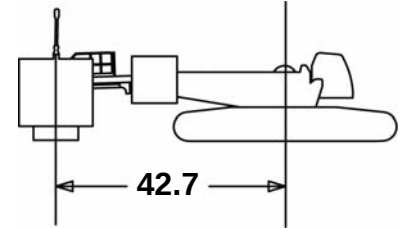
16000 MAX-ER

157.5 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	
50	73.2	260.6	260,500	343,200*c									50
55	70.1	258.8	231,200	322,900*b									55
60	66.9	256.7	207,400	293,100*b									60
65	63.7	254.3	187,800	268,800*b	69.0	257.2	176,400	330,800*b					65
70	60.4	251.4	171,300	248,600*	65.8	254.9	160,800	319,900*b					70
75	56.9	248.2	157,200	231,700*	62.6	252.4	147,500	303,500*	67.9	255.0	137,800	299,500b	75
80	53.3	244.5	145,000	217,400*	59.2	249.4	136,000	279,000*	64.7	252.7	127,100	276,300b	80
85	49.5	240.3	134,300	205,300*	55.7	246.0	126,000	258,800*	61.4	250.0	117,700	256,300	85
90	45.4	235.4	125,000	195,000*	52.0	242.2	117,200	242,000*	57.9	246.9	109,400	238,900	90
95	41.0	229.9	116,600	186,300*	48.1	237.7	109,400	227,900*	54.4	243.3	102,000	223,600	95
100	36.2	223.2	109,100	179,200*	43.9	232.7	102,300	215,500	50.6	239.3	95,500	209,900	100
105	30.7	215.2	102,300	173,700*	39.4	226.7	96,000	203,000	46.6	234.6	89,500	197,800	105
110	24.1	204.9	96,100	169,900*	34.4	219.7	90,200	191,700	42.4	229.3	84,100	186,800	110
115	14.5	189.3	90,300	148,700*	28.6	211.1	84,900	181,500	37.7	223.0	79,200	176,900	115
120					21.3	199.5	80,000	169,500*	32.4	215.4	74,700	167,900	120
125					8.8	178.7	75,100	141,400*	26.2	206.0	70,500	159,700	125
130									17.9	192.6	66,500	152,000	130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100	60.3	245.8	83,900	200,700									100
105	56.9	242.6	78,700	189,100									105
110	53.3	238.9	73,900	178,700									110
115	49.4	234.7	69,500	169,200									115
120	45.4	229.8	65,500	160,600	55.5	236.9	56,300	153,300					120
125	41.0	224.2	61,800	152,800	51.9	233.0	53,100	145,800					125
130	36.2	217.6	58,400	145,600	48.0	228.5	50,100	139,000					130
135	30.7	209.6	55,200	138,900	43.8	223.4	47,300	132,700					135
140	24.0	199.2	52,200	132,700	39.3	217.5	44,700	126,800	50.1	225.5	37,100	120,900	140
145	14.4	183.6	49,200	126,900	34.2	210.4	42,200	121,400	46.1	220.7	35,000	115,700	145
150					28.4	201.7	39,900	116,300	41.8	215.3	33,100	110,900	150
155					21.0	190.0	37,700	111,500	37.1	208.9	31,200	106,400	155
160					8.1	168.4	35,300	106,900	31.7	201.1	29,400	102,200	160
165									25.3	191.3	27,700	98,300	165
170									16.5	177.1	25,900	94,400	170

Liftcrane Luffing Jib Capacities

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

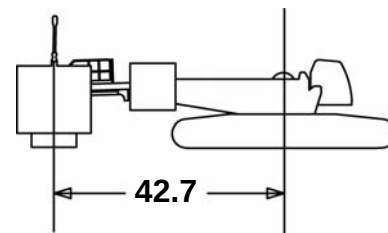
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



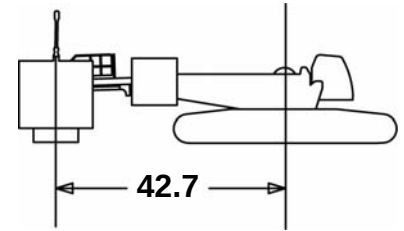
16000 MAX-ER

157.5 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	
55	73.6	279.7	230,700	305,800*b									55
60	71.0	278.0	206,800	295,200*b									60
65	68.4	276.0	187,000	269,300*									65
70	65.7	273.8	170,400	248,000*	70.1	276.4	159,600	296,600*b					70
75	63.0	271.2	156,300	230,100*	67.5	274.3	146,300	287,900*					75
80	60.2	268.4	144,100	215,000*	64.8	272.0	134,800	279,500*					80
85	57.3	265.2	133,500	202,000*	62.0	269.3	124,800	261,900	66.5	272.1	116,100	254,900	85
90	54.4	261.6	124,100	190,800*	59.2	266.4	116,000	244,000	63.8	269.7	107,800	237,500	90
95	51.3	257.7	115,800	181,200*	56.3	263.1	108,200	228,300	61.0	266.9	100,500	222,200	95
100	48.0	253.2	108,400	172,800*	53.3	259.4	101,200	214,400	58.2	263.8	94,000	208,600	100
105	44.6	248.2	101,700	165,500*	50.2	255.2	94,900	201,900	55.3	260.4	88,100	196,500	105
110	40.9	242.6	95,700	159,300*	46.9	250.6	89,200	190,800	52.2	256.6	82,800	185,600	110
115	37.0	236.1	90,100	154,100*	43.4	245.4	84,100	180,700	49.0	252.3	77,900	175,800	115
120	32.6	228.6	85,100	146,700*	39.6	239.5	79,300	171,500	45.6	247.4	73,500	166,900	120
125	27.5	219.5	80,400	139,100*	35.5	232.7	75,000	162,500*	42.0	242.0	69,400	158,700	125
130	21.4	207.8	76,000	132,900*	30.9	224.7	70,900	153,000*	38.2	235.8	65,700	151,200	130
135	12.4	189.9	71,800	117,800*	25.6	214.9	67,100	144,400*	33.9	228.6	62,200	144,300	135
140					18.8	201.8	63,600	133,800*	29.1	220.0	58,900	138,000	140
145					6.4	176.8	59,900	111,800*	23.4	209.3	55,800	132,000	145
150									15.6	194.1	52,800	126,400	150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105	63.0	265.6	76,800	187,500									105
110	60.2	262.8	72,000	177,100									110
115	57.3	259.6	67,700	167,700									115
120	54.3	256.0	63,800	159,200									120
125	51.2	252.1	60,200	151,400									125
130	48.0	247.6	56,900	144,200	56.2	253.9	48,100	137,300					130
135	44.6	242.6	53,800	137,700	53.2	250.2	45,400	131,100					135
140	40.9	236.9	50,900	131,600	50.1	246.0	42,900	125,300					140
145	36.9	230.5	48,200	126,000	46.7	241.4	40,500	119,900					145
150	32.5	222.9	45,700	120,800	43.2	236.2	38,300	115,000	51.8	242.8	31,000	109,200	150
155	27.5	213.8	43,300	115,900	39.5	230.2	36,300	110,300	48.6	238.4	29,200	104,800	155
160	21.3	202.1	41,000	111,300	35.4	223.4	34,300	106,000	45.2	233.6	27,600	100,700	160
165	12.3	184.1	38,700	106,800	30.8	215.3	32,400	101,900	41.6	228.0	26,000	96,800	165
170					25.4	205.4	30,700	98,100	37.6	221.7	24,500	93,200	170
175					18.5	192.2	28,900	94,400	33.3	214.4	23,000	89,800	175
180					5.5	165.9	26,900	90,700	28.4	205.6	21,600	86,500	180
185									22.5	194.4	20,300	83,400	185
190									14.3	178.2	18,900	80,400	190

Liftcrane Luffing Jib Capacities

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

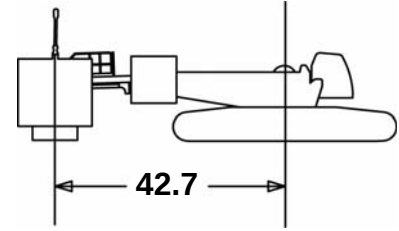
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



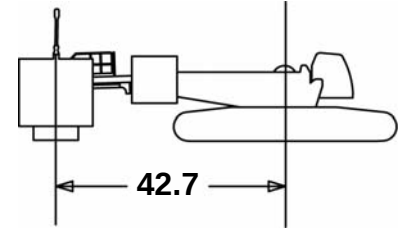
16000 MAX-ER

157.5 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	
60	73.8	298.8	206,300	272,900* ^b									60
65	71.6	297.1	186,400	265,100*									65
70	69.4	295.2	169,800	250,600*									70
75	67.1	293.1	155,600	231,500*	70.8	295.5	145,300	266,100*					75
80	64.8	290.8	143,300	215,400*	68.6	293.6	133,800	259,200*					80
85	62.5	288.2	132,700	201,700*	66.3	291.4	123,800	252,500*					85
90	60.1	285.3	123,300	189,800*	64.0	289.0	115,000	243,000	67.8	291.4	106,600	236,300	90
95	57.6	282.2	115,000	179,500*	61.7	286.3	107,100	227,300	65.5	289.2	99,300	221,000	95
100	55.1	278.7	107,600	170,500*	59.3	283.3	100,200	213,400	63.2	286.6	92,800	207,500	100
105	52.5	274.9	100,900	162,500*	56.8	280.1	93,900	201,000	60.8	283.9	86,900	195,400	105
110	49.8	270.7	94,900	155,500*	54.2	276.5	88,300	189,800	58.4	280.8	81,600	184,500	110
115	47.0	266.1	89,400	149,400*	51.6	272.6	83,100	179,700	55.9	277.4	76,800	174,700	115
120	44.0	261.0	84,400	142,700*	48.8	268.2	78,400	170,600	53.3	273.7	72,400	165,800	120
125	40.8	255.3	79,800	134,500*	46.0	263.5	74,100	162,300	50.6	269.7	68,400	157,700	125
130	37.5	248.9	75,600	127,000*	42.9	258.2	70,100	154,200*	47.8	265.2	64,700	150,300	130
135	33.8	241.7	71,700	120,200*	39.7	252.3	66,500	145,700*	44.9	260.2	61,200	143,400	135
140	29.7	233.3	68,000	114,100*	36.2	245.6	63,100	137,900*	41.8	254.7	58,000	137,100	140
145	25.1	223.2	64,600	109,100*	32.5	238.0	59,900	130,700*	38.5	248.6	55,100	131,300	145
150	19.3	210.2	61,300	104,900*	28.2	229.1	56,900	124,100*	34.9	241.6	52,300	125,800	150
155	10.6	189.9	58,100	95,700*	23.2	218.1	54,000	117,800*	31.0	233.6	49,700	120,800	155
160					16.8	203.6	51,300	108,600*	26.5	224.0	47,200	116,000	160
165					3.8	172.8	48,400	90,000*	21.1	212.1	44,800	111,500	165
170									13.8	195.1	42,500	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
 137,850 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	
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115	62.5	282.6	66,300	166,400									115
120	60.1	279.7	62,400	157,900									120
125	57.6	276.6	58,800	150,200									125
130	55.1	273.1	55,500	143,100									130
135	52.5	269.3	52,500	136,600									135
140	49.8	265.1	49,600	130,500	56.7	270.9	41,300	124,000					140
145	46.9	260.5	47,000	125,000	54.1	267.3	39,000	118,700					145
150	44.0	255.4	44,600	119,800	51.5	263.4	36,900	113,800					150
155	40.8	249.7	42,300	114,900	48.7	259.0	34,900	109,200					155
160	37.5	243.3	40,100	110,400	45.9	254.2	33,000	104,900	52.9	260.0	26,000	99,400	160
165	33.8	236.0	38,100	106,200	42.8	248.9	31,200	100,800	50.3	255.9	24,400	95,600	165
170	29.7	227.6	36,100	102,200	39.6	243.0	29,500	97,100	47.4	251.4	23,000	92,000	170
175	25.0	217.5	34,200	98,500	36.1	236.3	27,900	93,500	44.5	246.3	21,600	88,600	175
180	19.2	204.5	32,400	94,900	32.3	228.7	26,400	90,200	41.4	240.8	20,300	85,400	180
185	10.5	184.1	30,600	91,400	28.1	219.7	24,900	87,000	38.1	234.5	19,100	82,400	185
190					23.0	208.7	23,500	84,000	34.4	227.4	17,900	79,600	190
195					16.6	193.9	22,100	81,000	30.5	219.2	16,800	76,900	195
200									25.9	209.4	15,600	74,300	200
205									20.3	197.1	14,500	71,800	205
210									12.5	178.8	13,400	69,400	210

Liftcrane Luffing Jib Capacities

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

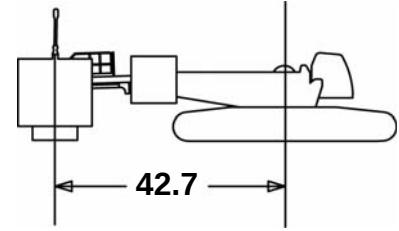
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



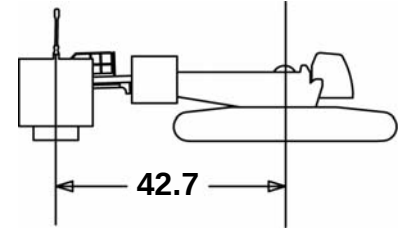
16000 MAX-ER

157.5 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	74.0	317.8	185,500	234,700*									65
70	72.1	316.2	168,700	227,500*									70
75	70.1	314.4	154,500	219,500*									75
80	68.2	312.4	142,200	210,900*									80
85	66.2	310.2	131,500	201,700*	69.5	312.8	122,300	229,400*					85
90	64.2	307.8	122,100	190,000*	67.5	310.7	113,500	228,600*					90
95	62.1	305.2	113,800	178,900*	65.5	308.4	105,600	223,400*					95
100	60.0	302.3	106,300	169,400*	63.5	306.0	98,700	212,000	66.8	308.5	91,000	206,000	100
105	57.9	299.2	99,700	161,000*	61.4	303.2	92,400	199,700	64.8	306.2	85,200	193,900	105
110	55.7	295.8	93,700	153,600*	59.3	300.3	86,800	188,500	62.7	303.6	79,900	183,100	110
115	53.4	292.1	88,200	146,800*	57.1	297.1	81,600	178,500	60.6	300.8	75,100	173,300	115
120	51.1	288.1	83,200	138,800*	54.9	293.6	77,000	169,300	58.5	297.8	70,700	164,400	120
125	48.7	283.7	78,600	131,200*	52.6	289.8	72,700	161,000	56.3	294.5	66,700	156,300	125
130	46.2	279.0	74,400	124,000*	50.3	285.7	68,700	153,400	54.1	290.9	63,000	148,900	130
135	43.5	273.8	70,600	117,400*	47.8	281.2	65,100	145,400*	51.8	287.0	59,600	142,100	135
140	40.8	268.1	67,000	111,300*	45.3	276.3	61,700	137,600*	49.4	282.7	56,500	135,800	140
145	37.9	261.8	63,600	105,600*	42.6	270.9	58,600	130,500*	46.9	278.1	53,500	130,000	145
150	34.7	254.7	60,500	100,400*	39.8	265.0	55,700	124,000*	44.3	273.0	50,800	124,600	150
155	31.3	246.7	57,500	95,700*	36.8	258.5	52,900	118,000*	41.6	267.5	48,300	119,600	155
160	27.5	237.5	54,800	91,600*	33.6	251.1	50,300	112,300*	38.7	261.4	45,900	114,900	160
165	23.0	226.4	52,100	88,000*	30.0	242.7	47,900	107,100*	35.7	254.6	43,600	110,500	165
170	17.6	212.2	49,600	85,300*	26.0	233.0	45,600	102,200*	32.3	246.9	41,500	106,300	170
175	9.0	189.4	47,100	78,400*	21.3	221.0	43,400	97,500*	28.6	238.0	39,400	102,400	175
180					15.2	205.0	41,200	89,300*	24.4	227.6	37,500	98,800	180
185									19.3	214.5	35,600	95,300	185
190									12.2	195.7	33,700	87,900*	190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 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	
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	62.1	299.5	56,800	148,500									125
130	60.0	296.7	53,600	141,500									130
135	57.9	293.5	50,600	135,000									135
140	55.7	290.1	47,800	129,000									140
145	53.4	286.5	45,200	123,400									145
150	51.1	282.5	42,800	118,300	57.1	287.9	34,800	112,100					150
155	48.7	278.1	40,500	113,500	54.8	284.4	32,800	107,500					155
160	46.2	273.4	38,400	109,000	52.5	280.6	31,000	103,200					160
165	43.5	268.1	36,400	104,800	50.2	276.5	29,200	99,300					165
170	40.8	262.4	34,500	100,900	47.7	272.0	27,600	95,500					170
175	37.8	256.1	32,700	97,200	45.2	267.1	26,100	92,000	51.5	273.2	19,500	86,900	175
180	34.7	249.1	31,000	93,700	42.5	261.7	24,600	88,700	49.1	268.9	18,200	83,700	180
185	31.3	241.1	29,400	90,400	39.7	255.8	23,200	85,600	46.6	264.2	17,100	80,800	185
190	27.4	231.8	27,900	87,300	36.7	249.2	21,900	82,600	44.0	259.1	15,900	78,000	190
195	23.0	220.7	26,400	84,300	33.5	241.8	20,600	79,800	41.3	253.5	14,800	75,300	195
200	17.5	206.5	24,900	81,500	29.9	233.4	19,400	77,100	38.4	247.3	13,800	72,800	200
205	8.9	183.5	23,400	78,700	25.9	223.6	18,200	74,600	35.2	240.4	12,800	70,400	205
210					21.1	211.5	17,000	72,100	31.9	232.6	11,900	68,100	210
215					15.0	195.3	15,900	69,800	28.1	223.6	10,900	65,900	215
220									23.8	212.9	10,000	63,800	220
225									18.6	199.3	9,100	61,800	225
230									11.0	179.0	8,100	59,700	230

Liftcrane Luffing Jib Capacities

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

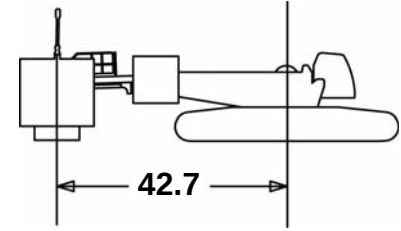
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



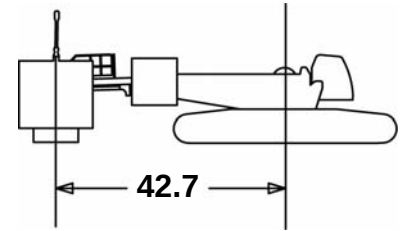
16000 MAX-ER

157.5 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	72.4	335.3	153,600	194,800*									75
80	70.7	333.5	141,200	188,900*									80
85	69.0	331.6	130,500	182,600*									85
90	67.2	329.5	121,100	176,100*	70.1	332.0	112,300	189,000*					90
95	65.5	327.3	112,700	169,100*	68.4	330.0	104,400	189,000*					95
100	63.7	324.8	105,300	162,000*	66.6	327.8	97,400	189,000*					100
105	61.8	322.1	98,600	154,900*	64.8	325.5	91,200	188,800*	67.8	327.8	83,800	180,300*	105
110	60.0	319.2	92,600	147,700*	63.0	322.9	85,500	183,400*	66.0	325.6	78,500	180,300*	110
115	58.1	316.1	87,100	140,600*	61.2	320.2	80,400	176,800*	64.2	323.2	73,700	172,100	115
120	56.1	312.8	82,100	133,800*	59.3	317.2	75,700	168,200	62.4	320.6	69,300	163,200	120
125	54.1	309.2	77,600	127,200*	57.4	314.0	71,400	159,900	60.5	317.8	65,300	155,100	125
130	52.1	305.3	73,400	120,900*	55.4	310.6	67,500	152,300	58.6	314.7	61,700	147,700	130
135	50.0	301.2	69,500	114,800*	53.4	306.9	63,900	145,200*	56.7	311.5	58,300	140,900	135
140	47.8	296.7	65,900	109,100*	51.4	303.0	60,500	137,400*	54.7	308.0	55,100	134,700	140
145	45.5	291.8	62,600	103,700*	49.2	298.7	57,400	130,300*	52.7	304.2	52,200	128,900	145
150	43.2	286.5	59,500	98,700*	47.0	294.1	54,500	123,800*	50.6	300.1	49,500	123,500	150
155	40.7	280.8	56,600	94,000*	44.7	289.1	51,800	117,800*	48.4	295.7	47,000	118,500	155
160	38.1	274.6	53,900	89,600*	42.4	283.7	49,200	112,200*	46.2	291.0	44,600	113,800	160
165	35.4	267.7	51,300	85,600*	39.9	277.8	46,800	107,000*	43.9	285.8	42,400	109,400	165
170	32.4	260.0	48,900	81,900*	37.2	271.3	44,600	102,200*	41.5	280.2	40,300	105,300	170
175	29.2	251.3	46,600	78,500*	34.4	264.1	42,500	97,600*	38.9	274.1	38,300	101,500	175
180	25.6	241.3	44,400	75,600*	31.3	256.1	40,400	93,400*	36.2	267.4	36,400	97,800	180
185	21.4	229.3	42,300	73,000*	28.0	247.1	38,500	89,300*	33.3	260.0	34,600	94,400	185
190	16.1	213.8	40,300	71,100*	24.2	236.5	36,700	85,500*	30.2	251.7	32,900	91,200	190
195	7.7	188.2	38,200	64,900*	19.7	223.5	34,900	81,800*	26.7	242.1	31,300	88,100	195
200					13.8	206.0	33,100	74,400*	22.7	230.8	29,700	84,400*	200
205									17.8	216.6	28,200	80,800*	205
210									10.9	195.8	26,600	73,300*	210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135	61.8	316.5	49,000	133,700									135
140	59.9	313.6	46,200	127,700									140
145	58.0	310.5	43,700	122,200									145
150	56.1	307.2	41,300	117,000									150
155	54.1	303.6	39,000	112,300									155
160	52.1	299.7	36,900	107,800	57.3	304.9	29,300	101,900					160
165	50.0	295.5	34,900	103,600	55.4	301.5	27,600	97,900					165
170	47.8	291.0	33,100	99,700	53.4	297.8	26,000	94,200					170
175	45.5	286.2	31,300	96,100	51.3	293.8	24,500	90,700					175
180	43.2	280.9	29,700	92,600	49.2	289.5	23,100	87,400					180
185	40.7	275.2	28,100	89,300	47.0	284.9	21,700	84,300	52.4	290.4	15,400	79,400	185
190	38.1	268.9	26,600	86,200	44.7	279.9	20,400	81,400	50.3	286.3	14,300	76,600	190
195	35.4	262.0	25,200	83,300	42.3	274.4	19,200	78,600	48.2	281.9	13,200	74,000	195
200	32.4	254.3	23,900	80,500	39.8	268.5	18,000	76,000	45.9	277.1	12,200	71,500	200
205	29.2	245.6	22,600	77,900	37.1	262.0	16,900	73,500	43.6	271.9	11,300	69,100	205
210	25.5	235.6	21,300	75,400	34.3	254.9	15,800	71,100	41.2	266.2	10,300	66,900	210
215	21.3	223.6	20,100	73,000	31.2	246.8	14,800	68,800	38.6	260.1	9,500	64,700	215
220	16.1	208.1	18,900	70,600	27.9	237.7	13,800	66,600	35.9	253.3	8,600	62,600	220
225	7.6	182.3	17,600	68,300	24.1	227.1	12,800	64,500	32.9	245.7	7,800	60,700	225
230					19.6	214.0	11,800	62,500	29.7	237.3	7,000	58,800	230
235					13.6	196.2	10,800	60,600	26.2	227.5	6,200	57,000	235
240									22.1	215.9	5,500	55,200	240
245									17.1	201.2	4,700	53,500	245
250									9.6	178.7	3,900	51,800	250

Liftcrane Luffing Jib Capacities

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

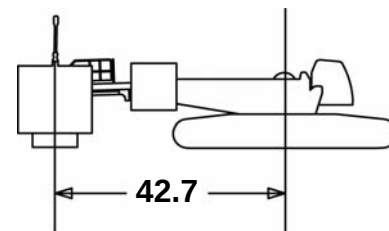
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



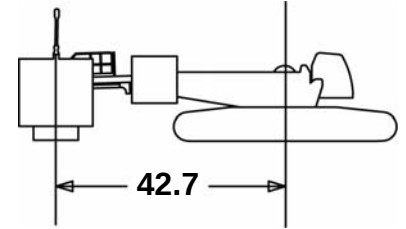
16000 MAX-ER

157.5 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	72.7	354.4	140,000	162,600*									80
85	71.2	352.7	129,200	162,200*									85
90	69.6	350.8	119,700	158,400*									90
95	68.1	348.8	111,400	153,500*	70.7	351.1	102,800	156,900*					95
100	66.5	346.6	103,900	148,300*	69.1	349.2	95,900	156,900*					100
105	64.9	344.3	97,200	143,100*	67.5	347.1	89,600	156,800*					105
110	63.2	341.8	91,200	137,700*	65.9	344.9	83,900	156,600*					110
115	61.6	339.1	85,700	132,200*	64.3	342.5	78,800	156,400*	67.0	345.0	71,900	149,400*	115
120	59.9	336.2	80,700	126,700*	62.7	339.9	74,100	153,300*	65.4	342.7	67,600	149,400*	120
125	58.2	333.1	76,100	121,300*	61.0	337.1	69,800	148,100*	63.7	340.2	63,600	149,400*	125
130	56.5	329.8	71,900	116,000*	59.3	334.2	65,900	142,800*	62.1	337.6	59,900	146,300	130
135	54.7	326.3	68,100	110,700*	57.6	331.0	62,300	137,600*	60.4	334.7	56,500	139,500	135
140	52.9	322.5	64,500	105,800*	55.8	327.7	58,900	132,600*	58.7	331.7	53,400	133,200	140
145	51.0	318.5	61,200	101,000*	54.1	324.0	55,800	127,700*	57.0	328.5	50,500	127,400	145
150	49.1	314.2	58,100	96,400*	52.2	320.2	52,900	122,700*	55.2	325.0	47,800	122,100	150
155	47.1	309.6	55,200	92,100*	50.3	316.1	50,200	116,700*	53.4	321.3	45,300	117,100	155
160	45.0	304.6	52,500	87,900*	48.4	311.7	47,700	111,200*	51.5	317.4	42,900	112,400	160
165	42.9	299.3	50,000	84,000*	46.4	307.0	45,300	106,000*	49.6	313.1	40,700	108,100	165
170	40.7	293.6	47,600	80,400*	44.3	301.9	43,100	101,200*	47.7	308.6	38,600	104,000	170
175	38.4	287.3	45,300	77,000*	42.2	296.4	41,000	96,700*	45.7	303.8	36,700	100,100	175
180	35.9	280.6	43,200	73,800*	39.9	290.5	39,000	92,500*	43.6	298.6	34,800	96,500	180
185	33.3	273.1	41,200	70,800*	37.5	284.1	37,100	88,500*	41.4	293.0	33,100	93,100	185
190	30.5	264.8	39,300	68,100*	35.0	277.1	35,300	84,800*	39.1	286.9	31,400	89,900	190
195	27.4	255.5	37,400	65,700*	32.4	269.4	33,600	81,300*	36.7	280.3	29,800	86,800	195
200	24.0	244.8	35,700	63,500*	29.5	260.8	32,000	78,000*	34.1	273.0	28,300	83,700*	200
205	19.9	231.9	34,000	61,700*	26.3	251.0	30,500	74,800*	31.4	265.0	26,900	80,300*	205
210	14.9	215.1	32,300	60,300*	22.7	239.6	29,000	71,700*	28.4	256.1	25,500	77,000*	210
215	6.3	186.4	30,600	53,500*	18.3	225.7	27,500	68,600*	25.0	245.8	24,200	73,900*	215
220					12.6	206.7	26,000	61,900*	21.2	233.6	22,900	70,900*	220
225									16.5	218.4	21,600	68,000*	225
230									9.7	195.6	20,300	61,000*	230
235													235
240													240
245													245
250													250
255													255
260													260
265													265
270													270

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145	61.6	333.5	41,700	120,500									145
150	59.9	330.6	39,300	115,400									150
155	58.2	327.5	37,100	110,700									155
160	56.4	324.2	35,000	106,200									160
165	54.7	320.7	33,100	102,100									165
170	52.8	316.9	31,200	98,200	57.5	321.9	23,900	92,500					170
175	51.0	312.9	29,500	94,500	55.8	318.5	22,400	89,000					175
180	49.1	308.6	27,900	91,100	54.0	314.9	21,000	85,800					180
185	47.1	304.0	26,300	87,900	52.2	311.0	19,700	82,700					185
190	45.0	299.0	24,900	84,800	50.3	306.9	18,400	79,800					190
195	42.9	293.7	23,500	81,900	48.3	302.5	17,200	77,000					195
200	40.7	287.9	22,200	79,200	46.3	297.7	16,100	74,400	51.3	303.6	10,100	69,800	200
205	38.4	281.7	20,900	76,500	44.2	292.6	15,000	71,900	49.4	299.4	9,200	67,400	205
210	35.9	274.9	19,700	74,100	42.1	287.2	13,900	69,600	47.4	294.8	8,300	65,200	210
215	33.3	267.5	18,500	71,700	39.8	281.3	12,900	67,300	45.4	289.9	7,400	63,100	215
220	30.5	259.2	17,400	69,400	37.5	274.8	12,000	65,200	43.3	284.7	6,600	61,000	220
225	27.4	249.9	16,300	67,300	35.0	267.8	11,000	63,100	41.1	279.0	5,800	59,100	225
230	23.9	239.1	15,300	65,200	32.3	260.1	10,200	61,200	38.8	272.9	5,100	57,200	230
235	19.9	226.2	14,300	63,200	29.4	251.4	9,300	59,300	36.3	266.2	4,400	55,500	235
240	14.8	209.4	13,200	61,200	26.2	241.6	8,500	57,500	33.8	258.8	3,700	53,800	240
245	6.2	180.4	12,100	59,300	22.5	230.2	7,600	55,800	31.0	250.7	3,000	52,100	245
250					18.2	216.2	6,800	54,100	28.0	241.6	2,300	50,600	250
255					12.4	196.9	6,000	52,400	24.6	231.1	1,700	49,000	255
260									20.7	218.6		47,600	260
265									15.8	202.8		46,100	265
270									8.4	177.9		44,700	270

Liftcrane Luffing Jib Capacities

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

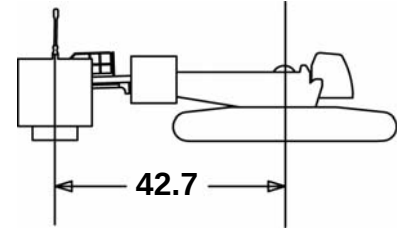
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



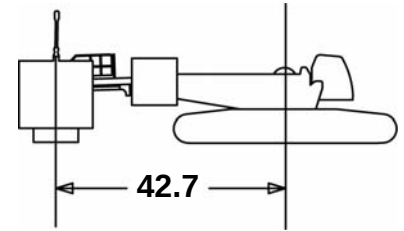
16000 MAX-ER

157.5 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	71.6	371.8	118,300	135,700*									90
95	70.2	370.0	109,900	135,100*									95
100	68.7	368.0	102,400	133,600*									100
105	67.3	365.9	95,700	129,800*	69.7	368.4	87,900	131,200*					105
110	65.9	363.7	89,600	125,900*	68.2	366.4	82,200	130,900*					110
115	64.4	361.3	84,100	121,800*	66.8	364.2	77,100	130,600*					115
120	62.9	358.8	79,100	117,800*	65.4	361.9	72,400	130,300*	67.7	364.2	65,700	124,900*	120
125	61.4	356.0	74,500	113,600*	63.9	359.5	68,100	130,000*	66.3	362.0	61,700	124,900*	125
130	59.9	353.1	70,300	109,400*	62.4	356.9	64,200	129,600*	64.8	359.7	58,100	124,900*	130
135	58.3	350.1	66,500	105,300*	60.9	354.1	60,600	129,200*	63.3	357.2	54,700	124,900*	135
140	56.7	346.8	62,900	101,200*	59.3	351.1	57,200	125,600*	61.8	354.5	51,600	124,900*	140
145	55.1	343.3	59,600	97,200*	57.8	348.0	54,100	121,600*	60.3	351.7	48,700	124,900*	145
150	53.5	339.6	56,500	93,200*	56.2	344.7	51,200	117,500*	58.8	348.7	46,000	120,600	150
155	51.8	335.7	53,600	89,400*	54.6	341.1	48,500	113,300*	57.2	345.5	43,500	115,600	155
160	50.1	331.6	50,900	85,700*	52.9	337.4	46,000	109,100*	55.6	342.0	41,100	110,900	160
165	48.3	327.2	48,400	82,200*	51.2	333.4	43,600	104,300*	54.0	338.4	38,900	106,600	165
170	46.5	322.5	46,000	78,900*	49.5	329.1	41,400	99,800*	52.3	334.6	36,800	102,500	170
175	44.6	317.4	43,800	75,700*	47.7	324.6	39,300	95,300*	50.6	330.5	34,900	98,700	175
180	42.7	312.1	41,600	72,600*	45.9	319.8	37,300	91,100*	48.8	326.2	33,000	95,100	180
185	40.7	306.3	39,600	69,800*	44.0	314.7	35,500	87,200*	47.0	321.5	31,300	91,700	185
190	38.6	300.1	37,700	67,000*	42.0	309.2	33,700	83,500*	45.2	316.6	29,700	88,500	190
195	36.4	293.4	35,900	64,500*	40.0	303.3	32,000	80,000*	43.3	311.4	28,100	85,400	195
200	34.0	286.2	34,200	62,100*	37.8	296.9	30,400	76,800*	41.3	305.7	26,600	82,500*	200
205	31.5	278.2	32,600	59,900*	35.6	290.0	28,900	73,700*	39.2	299.7	25,200	79,100*	205
210	28.8	269.3	31,000	57,900*	33.2	282.5	27,400	70,700*	37.0	293.1	23,800	75,800*	210
215	25.9	259.4	29,500	56,100*	30.6	274.3	26,000	67,900*	34.7	286.0	22,500	72,800*	215
220	22.6	247.9	28,100	54,500*	27.9	265.1	24,700	65,300*	32.3	278.3	21,300	69,900*	220
225	18.7	234.1	26,700	53,100*	24.8	254.7	23,400	62,700*	29.7	269.7	20,100	67,200*	225
230	13.8	216.2	25,300	51,600*	21.3	242.5	22,200	60,200*	26.8	260.1	19,000	64,500*	230
235	5.0	183.5	23,800	43,600*	17.2	227.6	20,900	57,100*	23.6	249.2	17,800	62,000*	235
240					11.6	207.1	19,700	51,300*	19.9	236.2	16,800	59,600*	240
245									15.4	219.8	15,700	57,100*	245
250									8.7	194.9	14,500	50,600*	250
255													255
260													260
265													265
270													270
275													275
280													280
285													285
290													290

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150	62.9	353.1	37,300	113,600*									150
155	61.4	350.4	35,100	109,100									155
160	59.9	347.5	33,000	104,600									160
165	58.3	344.5	31,100	100,500									165
170	56.7	341.2	29,300	96,600									170
175	55.1	337.7	27,600	93,000									175
180	53.5	334.0	25,900	89,500	57.7	338.9	18,900	84,100					180
185	51.8	330.1	24,400	86,300	56.1	335.5	17,600	81,000					185
190	50.1	326.0	23,000	83,300	54.5	332.0	16,400	78,100					190
195	48.3	321.5	21,600	80,400	52.9	328.2	15,200	75,400					195
200	46.5	316.8	20,300	77,600	51.2	324.2	14,100	72,800					200
205	44.6	311.8	19,000	75,000	49.4	319.9	13,000	70,300					205
210	42.7	306.4	17,900	72,600	47.6	315.4	12,000	68,000	52.1	320.8	6,200	63,500	210
215	40.7	300.7	16,700	70,200	45.8	310.6	11,000	65,800	50.4	316.7	5,400	61,400	215
220	38.5	294.5	15,600	68,000	43.9	305.4	10,000	63,600	48.6	312.4	4,600	59,400	220
225	36.3	287.8	14,600	65,800	41.9	299.9	9,100	61,600	46.8	307.7	3,800	57,500	225
230	34.0	280.5	13,600	63,800	39.9	294.0	8,300	59,700	44.9	302.7	3,100	55,600	230
235	31.5	272.5	12,600	61,800	37.7	287.6	7,400	57,800	43.0	297.4	2,400	53,900	235
240	28.8	263.7	11,700	59,900	35.5	280.7	6,600	56,000	41.0	291.7	1,700	52,200	240
245	25.9	253.7	10,800	58,100	33.1	273.2	5,900	54,300	38.9	285.6		50,600	245
250	22.6	242.2	9,900	56,400	30.5	265.0	5,100	52,700	36.7	279.0		49,000	250
255	18.7	228.4	9,000	54,700	27.8	255.7	4,400	51,100	34.4	271.9		47,500	255
260	13.7	210.4	8,200	53,000	24.7	245.3	3,700	49,600	32.0	264.0		46,100	260
265	4.9	177.5	7,200	50,700*	21.2	233.1	3,000	48,100	29.3	255.3		44,700	265
270					17.0	218.0	2,300	46,600	26.4	245.6		43,400	270
275					11.3	197.2	1,500	45,200	23.2	234.4		42,100	275
280									19.4	221.1		40,800	280
285									14.7	204.1		39,500	285
290									7.3	176.6		38,300	290

Liftcrane Luffing Jib Capacities

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

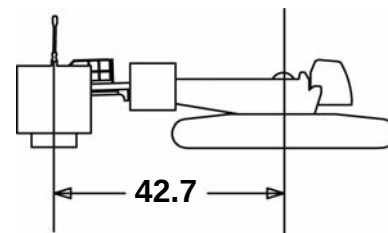
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



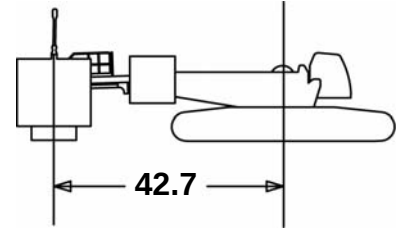
16000 MAX-ER

157.5 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100	70.6	389.1	101,000	114,200*									100
105	69.3	387.2	94,300	113,600*									105
110	68.0	385.2	88,200	112,900*	70.1	387.5	80,600	110,800*					110
115	66.7	383.0	82,700	110,500*	68.8	385.6	75,500	110,500*					115
120	65.3	380.8	77,700	107,400*	67.5	383.5	70,800	110,100*					120
125	64.0	378.3	73,100	104,300*	66.2	381.3	66,500	109,700*					125
130	62.6	375.7	68,900	101,100*	64.9	379.0	62,600	109,200*	67.1	381.4	56,300	105,300*	130
135	61.2	373.0	65,000	97,900*	63.5	376.5	59,000	108,700*	65.7	379.1	52,900	105,200*	135
140	59.8	370.1	61,400	94,700*	62.1	373.9	55,600	108,300*	64.4	376.7	49,800	105,100*	140
145	58.4	367.0	58,100	91,500*	60.8	371.1	52,500	107,800*	63.0	374.2	46,900	104,900*	145
150	57.0	363.8	55,000	88,300*	59.3	368.1	49,600	107,300*	61.7	371.5	44,200	104,700*	150
155	55.5	360.4	52,200	85,100*	57.9	365.0	46,900	105,300*	60.3	368.6	41,700	104,400*	155
160	54.0	356.8	49,500	82,000*	56.5	361.7	44,400	102,200*	58.8	365.6	39,400	104,200*	160
165	52.5	352.9	46,900	79,000*	55.0	358.2	42,100	99,000*	57.4	362.4	37,200	103,900*	165
170	50.9	348.9	44,600	76,100*	53.5	354.5	39,900	95,800*	55.9	359.1	35,200	101,100	170
175	49.3	344.6	42,300	73,200*	51.9	350.6	37,800	92,600*	54.4	355.5	33,200	97,300	175
180	47.7	340.1	40,200	70,500*	50.4	346.5	35,800	89,400*	52.9	351.7	31,400	93,700	180
185	46.0	335.3	38,200	67,900*	48.8	342.1	33,900	86,300*	51.4	347.8	29,700	90,300	185
190	44.3	330.2	36,400	65,400*	47.1	337.5	32,200	82,600*	49.8	343.6	28,000	87,100	190
195	42.5	324.8	34,600	63,000*	45.4	332.6	30,500	79,100*	48.2	339.1	26,500	84,100	195
200	40.6	319.1	32,900	60,700*	43.7	327.4	28,900	75,800*	46.5	334.4	25,000	81,200	200
205	38.7	312.9	31,300	58,600*	41.9	321.9	27,400	72,700*	44.8	329.4	23,600	78,100*	205
210	36.7	306.3	29,700	56,600*	40.0	316.0	26,000	69,700*	43.0	324.1	22,300	74,800*	210
215	34.6	299.1	28,300	54,600*	38.0	309.7	24,600	67,000*	41.2	318.5	21,000	71,800*	215
220	32.4	291.4	26,800	52,800*	36.0	302.9	23,300	64,300*	39.3	312.4	19,800	68,900*	220
225	30.0	282.9	25,500	51,200*	33.8	295.6	22,100	61,800*	37.3	306.0	18,600	66,200*	225
230	27.4	273.5	24,200	49,600*	31.5	287.6	20,800	59,300*	35.2	299.0	17,500	63,500*	230
235	24.6	263.0	22,900	48,200*	29.1	278.8	19,700	57,000*	33.0	291.4	16,400	61,100*	235
240	21.4	250.8	21,700	47,000*	26.4	269.1	18,600	54,800*	30.7	283.2	15,400	58,700*	240
245	17.6	236.2	20,500	46,000*	23.5	258.0	17,500	52,700*	28.2	274.1	14,400	56,400*	245
250	12.8	216.9	19,300	42,500*	20.1	245.1	16,400	50,600*	25.4	263.9	13,400	54,200*	250
255	3.5	179.1	18,000	35,000*	16.1	229.3	15,400	47,500*	22.4	252.3	12,500	52,100*	255
260					10.6	207.1	14,300	42,400*	18.8	238.5	11,500	50,000*	260
265									14.4	221.0	10,600	47,600*	265
270									7.7	193.8	9,600	41,800*	270
275													275
280													280
285													285
290													290
295													295
300													300
305													305
310													310

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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.	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													130
135													135
140													140
145													145
150													150
155													155
160	62.6	370.1	31,100	95,800*									160
165	61.2	367.4	29,200	95,800*									165
170	59.8	364.5	27,400	95,100									170
175	58.4	361.4	25,700	91,500									175
180	57.0	358.2	24,100	88,000									180
185	55.5	354.8	22,600	84,800									185
190	54.0	351.1	21,100	81,800	57.9	355.8	14,400	76,500					190
195	52.5	347.3	19,800	78,900	56.4	352.5	13,200	73,800					195
200	50.9	343.3	18,500	76,200	54.9	349.0	12,100	71,200					200
205	49.3	339.0	17,300	73,600	53.4	345.3	11,000	68,800					205
210	47.7	334.5	16,100	71,100	51.9	341.4	10,000	66,400					210
215	46.0	329.7	15,000	68,800	50.3	337.3	9,100	64,200					215
220	44.3	324.6	13,900	66,600	48.7	332.9	8,100	62,100	52.7	338.0	2,500	57,700	220
225	42.5	319.2	12,900	64,500	47.1	328.3	7,300	60,100	51.2	334.0	1,800	55,800	225
230	40.6	313.4	11,900	62,400	45.4	323.4	6,400	58,200	49.6	329.8		54,000	230
235	38.7	307.3	11,000	60,500	43.6	318.2	5,600	56,300	48.0	325.3		52,300	235
240	36.7	300.6	10,100	58,600	41.8	312.7	4,800	54,600	46.3	320.6		50,600	240
245	34.6	293.5	9,200	56,800	39.9	306.8	4,100	52,900	44.6	315.5		49,000	245
250	32.3	285.7	8,400	55,100	38.0	300.4	3,400	51,300	42.8	310.2		47,500	250
255	30.0	277.3	7,600	53,500	35.9	293.6	2,700	49,700	41.0	304.5		46,000	255
260	27.4	267.9	6,800	51,900	33.8	286.3	2,000	48,200	39.0	298.4		44,600	260
265	24.5	257.3	6,000	50,400	31.5	278.3		46,800	37.0	291.9		43,200	265
270	21.3	245.1	5,200	48,900	29.0	269.5		45,400	35.0	284.8		41,900	270
275	17.6	230.5	4,500	47,400	26.4	259.7		44,000	32.7	277.2		40,600	275
280	12.8	211.2	3,700	46,000	23.4	248.6		42,700	30.4	268.8		39,400	280
285	3.4	172.8	2,800	41,500*	20.0	235.6		41,400	27.8	259.6		38,200	285
290					16.0	219.6		40,200	25.0	249.3		37,100	290
295					10.4	197.2		39,000	21.9	237.4		36,000	295
300									18.3	223.3		34,900	300
305									13.7	205.1		33,800	305
310									6.2	174.7		32,700	310

Liftcrane Luffing Jib Capacities

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

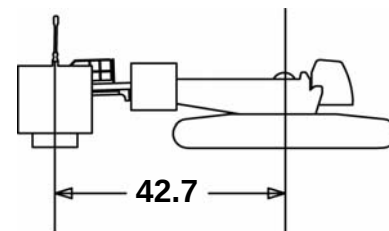
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



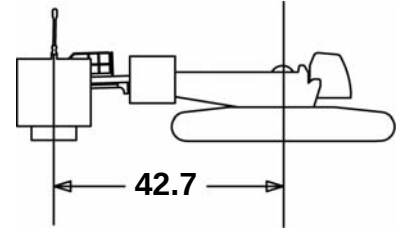
16000 MAX-ER

157.5 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115	68.6	404.4	81,400	95,600*	70.5	406.6	74,100	93,800*					115
120	67.4	402.3	76,400	95,000*	69.4	404.8	69,400	93,500*					120
125	66.1	400.1	71,800	94,400*	68.1	402.8	65,100	93,100*					125
130	64.9	397.8	67,600	92,200*	66.9	400.6	61,200	92,700*					130
135	63.6	395.3	63,700	89,700*	65.7	398.4	57,500	92,200*	67.7	400.6	51,400	89,000*	135
140	62.4	392.7	60,100	87,200*	64.5	396.0	54,200	91,800*	66.5	398.5	48,300	88,800*	140
145	61.1	390.0	56,800	84,700*	63.2	393.5	51,100	91,300*	65.3	396.2	45,400	88,600*	145
150	59.8	387.1	53,700	82,100*	61.9	390.8	48,200	90,900*	64.0	393.7	42,700	88,400*	150
155	58.5	384.0	50,800	79,600*	60.7	388.0	45,500	90,400*	62.8	391.2	40,200	88,200*	155
160	57.2	380.8	48,100	77,100*	59.4	385.1	43,000	89,900*	61.5	388.5	37,900	87,900*	160
165	55.8	377.4	45,600	74,700*	58.0	382.0	40,600	89,500*	60.2	385.6	35,700	87,600*	165
170	54.4	373.8	43,200	72,200*	56.7	378.7	38,400	89,000*	58.9	382.6	33,600	87,300*	170
175	53.0	370.1	41,000	69,800*	55.3	375.2	36,300	86,600*	57.6	379.4	31,700	87,000*	175
180	51.6	366.1	38,900	67,500*	54.0	371.6	34,400	84,100*	56.2	376.1	29,900	86,700*	180
185	50.2	362.0	36,900	65,200*	52.6	367.8	32,500	81,600*	54.8	372.6	28,200	86,400*	185
190	48.7	357.6	35,000	62,900*	51.1	363.8	30,800	79,100*	53.5	368.9	26,500	85,900	190
195	47.2	353.0	33,200	60,800*	49.7	359.6	29,100	76,600*	52.0	365.0	25,000	82,900	195
200	45.6	348.2	31,600	58,700*	48.2	355.1	27,500	74,300*	50.6	360.9	23,500	79,900*	200
205	44.0	343.0	30,000	56,800*	46.6	350.4	26,000	71,200*	49.1	356.6	22,100	76,500*	205
210	42.3	337.6	28,400	54,900*	45.0	345.5	24,600	68,300*	47.6	352.1	20,800	73,300*	210
215	40.6	331.8	27,000	53,100*	43.4	340.2	23,200	65,500*	46.1	347.3	19,500	70,300*	215
220	38.8	325.7	25,600	51,400*	41.7	334.7	21,900	62,900*	44.5	342.2	18,300	67,400*	220
225	37.0	319.1	24,200	49,700*	40.0	328.8	20,700	60,400*	42.8	336.9	17,200	64,700*	225
230	35.1	312.1	23,000	48,200*	38.2	322.5	19,500	58,100*	41.1	331.2	16,100	62,200*	230
235	33.0	304.5	21,700	46,700*	36.3	315.8	18,400	55,800*	39.4	325.2	15,000	59,700*	235
240	30.9	296.3	20,600	45,400*	34.4	308.6	17,300	53,700*	37.6	318.8	14,000	57,400*	240
245	28.6	287.4	19,400	44,100*	32.3	300.8	16,200	51,600*	35.7	311.9	13,000	55,200*	245
250	26.1	277.5	18,300	42,900*	30.1	292.4	15,200	49,600*	33.7	304.5	12,100	53,100*	250
255	23.4	266.3	17,200	41,900*	27.8	283.1	14,200	47,700*	31.5	296.5	11,200	51,100*	255
260	20.3	253.5	16,200	41,000*	25.2	272.8	13,300	45,900*	29.3	287.8	10,300	49,100*	260
265	16.6	238.0	15,200	39,000*	22.4	261.1	12,300	44,100*	26.9	278.2	9,400	47,200*	265
270	11.9	217.4	14,200	34,800*	19.1	247.5	11,400	42,300*	24.2	267.4	8,600	45,400*	270
275					15.2	230.7	10,500	39,300*	21.2	255.1	7,800	43,600*	275
280					9.7	206.9	9,600	34,800*	17.8	240.6	7,000	41,900*	280
285									13.5	222.0	6,200	39,400*	285
290									6.7	192.2	5,300	34,200*	290
295													295
300													300
305													305
310													310
315													315
320													320
325													325
330													330

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	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	
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160												160
165												165
170	62.4	387.1	25,700	80,800*								170
175	61.1	384.3	24,000	80,800*								175
180	59.8	381.4	22,400	80,800*								180
185	58.5	378.4	20,900	80,800*								185
190	57.2	375.2	19,500	80,500								190
195	55.8	371.8	18,200	77,600								195
200	54.4	368.2	16,900	74,900	58.0	372.8	10,400	69,800				200
205	53.0	364.5	15,700	72,300	56.7	369.5	9,300	67,400				205
210	51.6	360.5	14,500	69,900	55.3	366.1	8,300	65,100				210
215	50.2	356.4	13,400	67,500	53.9	362.4	7,400	62,900				215
220	48.7	352.0	12,400	65,300	52.5	358.6	6,500	60,800				220
225	47.1	347.4	11,300	63,200	51.1	354.6	5,600	58,700				225
230	45.6	342.5	10,400	61,200	49.6	350.4	4,800	56,800				230
235	44.0	337.4	9,500	59,200	48.1	345.9	4,000	55,000	51.9	351.3	50,900	235
240	42.3	331.9	8,600	57,400	46.6	341.2	3,200	53,300	50.4	347.1	49,200	240
245	40.6	326.2	7,700	55,600	45.0	336.2	2,500	51,600	48.9	342.8	47,600	245
250	38.8	320.0	6,900	53,900	43.4	331.0	1,800	50,000	47.4	338.2	46,100	250
255	37.0	313.5	6,100	52,300	41.7	325.4		48,400	45.9	333.4	44,600	255
260	35.1	306.4	5,300	50,700	40.0	319.5		46,900	44.3	328.3	43,200	260
265	33.0	298.9	4,600	49,200	38.2	313.2		45,500	42.6	322.9	41,900	265
270	30.9	290.7	3,900	47,800	36.3	306.5		44,100	40.9	317.2	40,600	270
275	28.6	281.7	3,200	46,300	34.3	299.3		42,800	39.1	311.1	39,300	275
280	26.1	271.8	2,500	45,000	32.2	291.5		41,500	37.3	304.7	38,100	280
285	23.4	260.6	1,800	43,700	30.0	283.0		40,300	35.4	297.7	37,000	285
290	20.3	247.8		42,400	27.7	273.7		39,100	33.4	290.3	35,800	290
295	16.6	232.2		41,100	25.1	263.4		37,900	31.3	282.2	34,700	295
300	11.9	211.7		39,900*	22.3	251.7		36,800	29.0	273.4	33,700	300
305					19.0	238.0		35,700	26.5	263.6	32,600	305
310					15.0	221.0		34,600	23.8	252.7	31,600	310
315					9.5	196.9		33,500	20.8	240.2	30,600*	315
320									17.3	225.2	29,500*	320
325									12.8	205.9	28,400*	325
330									5.2	172.0	27,300*	330

Liftcrane Luffing Jib Capacities

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

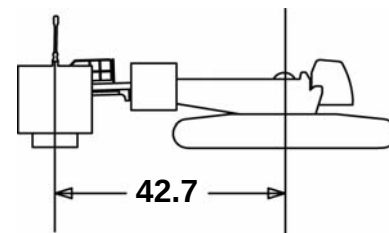
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



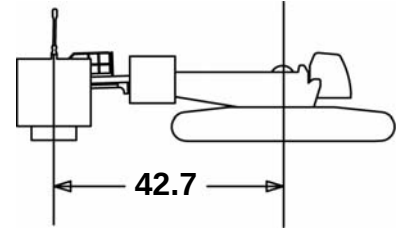
16000 MAX-ER

157.5 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	67.9	421.6	70,200	80,300*	69.8	423.9	63,300	79,200*					125
130	66.8	419.5	66,000	79,700*	68.7	422.0	59,400	78,700*					130
135	65.7	417.2	62,100	79,000*	67.5	419.9	55,800	78,300*					135
140	64.5	414.8	58,500	78,400*	66.4	417.7	52,400	77,800*					140
145	63.3	412.3	55,200	77,300*	65.3	415.4	49,300	77,300*	67.1	417.8	43,500	75,000*	145
150	62.2	409.7	52,100	75,400*	64.1	413.0	46,400	76,800*	66.0	415.5	40,800	74,700*	150
155	61.0	406.9	49,200	73,400*	62.9	410.5	43,700	76,300*	64.9	413.2	38,300	74,400*	155
160	59.8	404.0	46,500	71,400*	61.8	407.8	41,200	75,800*	63.7	410.7	36,000	74,100*	160
165	58.6	401.0	44,000	69,400*	60.6	405.0	38,900	75,300*	62.5	408.1	33,800	73,800*	165
170	57.3	397.8	41,600	67,400*	59.4	402.0	36,700	74,800*	61.3	405.4	31,800	73,400*	170
175	56.1	394.4	39,400	65,500*	58.1	398.9	34,600	74,300*	60.1	402.5	29,800	73,100*	175
180	54.8	390.9	37,300	63,600*	56.9	395.7	32,600	73,900*	58.9	399.5	28,000	72,700*	180
185	53.5	387.2	35,300	61,700*	55.6	392.3	30,800	73,400*	57.7	396.4	26,300	72,400*	185
190	52.2	383.4	33,400	59,800*	54.4	388.7	29,000	72,900*	56.5	393.1	24,700	72,000*	190
195	50.9	379.3	31,600	58,000*	53.1	385.0	27,400	71,800*	55.2	389.6	23,200	71,600*	195
200	49.5	375.1	30,000	56,200*	51.7	381.0	25,800	69,900*	53.9	386.0	21,700	71,300*	200
205	48.1	370.6	28,400	54,400*	50.4	376.9	24,300	67,900*	52.6	382.2	20,300	70,900*	205
210	46.7	365.9	26,800	52,800*	49.0	372.6	22,900	66,100*	51.3	378.2	19,000	70,600*	210
215	45.2	361.0	25,400	51,100*	47.6	368.1	21,600	64,000*	49.9	374.0	17,700	68,700*	215
220	43.7	355.8	24,000	49,600*	46.2	363.3	20,300	61,400*	48.5	369.6	16,600	65,900*	220
225	42.2	350.3	22,700	48,100*	44.7	358.3	19,000	58,900*	47.1	365.0	15,400	63,200*	225
230	40.6	344.5	21,400	46,600*	43.2	353.0	17,900	56,600*	45.7	360.1	14,300	60,700*	230
235	39.0	338.4	20,200	45,300*	41.6	347.4	16,700	54,400*	44.2	355.0	13,300	58,200*	235
240	37.3	331.9	19,000	43,900*	40.0	341.5	15,600	52,200*	42.7	349.6	12,300	55,900*	240
245	35.5	325.0	17,900	42,700*	38.4	335.3	14,600	50,200*	41.1	344.0	11,300	53,700*	245
250	33.6	317.6	16,800	41,500*	36.6	328.6	13,600	48,200*	39.5	337.9	10,400	51,600*	250
255	31.7	309.6	15,800	40,400*	34.8	321.5	12,600	46,300*	37.8	331.6	9,500	49,600*	255
260	29.6	301.0	14,800	39,300*	33.0	314.0	11,700	44,500*	36.0	324.8	8,600	47,700*	260
265	27.4	291.6	13,800	38,400*	31.0	305.8	10,800	42,800*	34.2	317.5	7,800	45,800*	265
270	25.0	281.1	12,900	37,500*	28.8	296.9	9,900	41,100*	32.3	309.7	7,000	44,100*	270
275	22.3	269.4	12,000	36,700*	26.6	287.1	9,100	39,500*	30.2	301.3	6,200	42,300*	275
280	19.3	255.9	11,100	34,700*	24.1	276.3	8,300	37,900*	28.0	292.1	5,400	40,700*	280
285	15.8	239.5	10,200	31,500*	21.3	264.0	7,400	36,300*	25.7	282.0	4,700	39,000*	285
290	11.1	217.7	9,300	27,800*	18.2	249.7	6,700	34,800*	23.1	270.7	4,000	37,500*	290
295					14.3	231.9	5,900	31,800*	20.3	257.8	3,300	35,900*	295
300					8.9	206.4	5,000	27,700*	16.9	242.4	2,600	34,400*	300
305									12.7	222.7	1,900	32,000*	305
310									5.8	190.0		27,200*	310
315													315
320													320
325													325
330													330
335													335
340													340
345													345
350													350

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	Luffing Jib Capacity Pounds	
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160												160
165												165
170												170
175												175
180	62.2	404.1	20,400	67,900*								180
185	61.0	401.3	18,900	67,900*								185
190	59.8	398.4	17,500	67,900*								190
195	58.6	395.4	16,200	67,800*								195
200	57.3	392.1	14,900	67,700*								200
205	56.1	388.8	13,700	67,600*								205
210	54.8	385.3	12,500	67,500*								210
215	53.5	381.6	11,500	66,000	56.9	386.5	5,300	61,200				215
220	52.2	377.7	10,400	63,800	55.6	383.1	4,400	59,100				220
225	50.9	373.7	9,400	61,700	54.3	379.5	3,500	57,100				225
230	49.5	369.4	8,500	59,600	53.0	375.8	2,700	55,200				230
235	48.1	365.0	7,500	57,700	51.7	371.8	1,900	53,400				235
240	46.7	360.3	6,700	55,900	50.4	367.7		51,600				240
245	45.2	355.4	5,800	54,100	49.0	363.4		50,000	52.4	368.5	45,900	245
250	43.7	350.2	5,000	52,400	47.6	358.9		48,400	51.1	364.4	44,400	250
255	42.2	344.7	4,200	50,800	46.1	354.1		46,800	49.7	360.2	43,000	255
260	40.6	338.9	3,500	49,300	44.7	349.0		45,400	48.3	355.8	41,600	260
265	38.9	332.8	2,800	47,800	43.2	343.8		43,900	46.9	351.1	40,200	265
270	37.2	326.3	2,100	46,300	41.6	338.2		42,600	45.5	346.3	38,900	270
275	35.5	319.4		44,900	40.0	332.3		41,300	44.0	341.1	37,700	275
280	33.6	311.9		43,600	38.3	326.0		40,000	42.4	335.7	36,500	280
285	31.6	304.0		42,300	36.6	319.4		38,800	40.9	330.0	35,300	285
290	29.6	295.3		41,000	34.8	312.3		37,600	39.2	323.9	34,200*	290
295	27.4	285.9		39,800	32.9	304.6		36,400	37.5	317.5	33,000*	295
300	24.9	275.5		38,600	30.9	296.4		35,300	35.8	310.6	31,800*	300
305	22.3	263.7		37,200*	28.8	287.5		34,300	33.9	303.3	30,700*	305
310	19.3	250.2		35,700*	26.5	277.7		33,200	32.0	295.4	29,600*	310
315	15.7	233.8		34,200*	24.0	266.9		32,200	29.9	286.9	28,500*	315
320	11.1	211.9		32,700*	21.2	254.6		31,200	27.7	277.6	27,500*	320
325					18.1	240.1		30,300	25.4	267.4	26,500*	325
330					14.2	222.2		29,300*	22.8	255.9	25,500*	330
335					8.7	196.2		28,100*	19.8	242.7	24,500*	335
340									16.4	227.0	23,600*	340
345									12.0	206.4	22,600*	345
350									4.0	168.2	21,600*	350

Liftcrane Luffing Jib Capacities

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

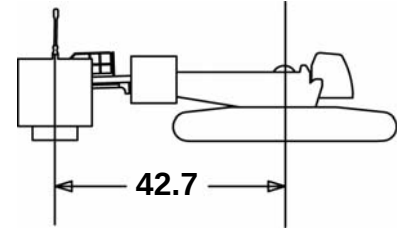
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



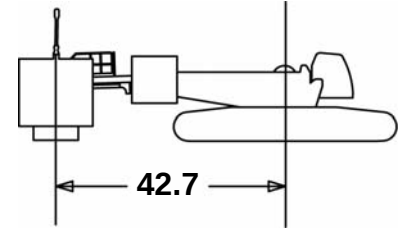
16000 MAX-ER

177.2 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	
45	73.7	261.7	297,400	391,400*c									45
50	69.8	259.8	260,300	352,300*c									50
55	65.9	257.6	231,100	318,000*b									55
60	61.7	254.9	207,400	290,400*b	69.3	258.5	193,200	370,500*c					60
65	57.4	251.8	187,700	268,100*b	65.3	256.2	174,900	352,500*b					65
70	52.9	248.1	171,200	249,500*	61.2	253.5	159,500	325,100*b					70
75	48.1	243.6	157,000	234,200*	56.8	250.2	146,300	298,700*b	64.7	254.3	135,400	297,500b	75
80	42.8	238.4	144,800	221,700*	52.2	246.4	134,900	277,000*	60.5	251.5	124,800	274,500b	80
85	36.9	232.0	134,000	211,700*	47.3	241.9	124,900	259,300*	56.1	248.1	115,600	254,600b	85
90	29.9	223.8	124,500	204,300*	42.0	236.5	116,100	244,300	51.5	244.2	107,400	237,300	90
95	20.7	212.3	115,800	200,300*	36.0	229.9	108,200	228,500	46.5	239.6	100,100	222,000	95
100					28.8	221.4	101,000	214,500	41.1	234.0	93,600	208,500	100
105					19.1	209.0	94,400	201,800	34.9	227.2	87,600	196,300	105
110									27.5	218.3	82,200	185,300	110
115									17.1	204.9	77,000	175,300	115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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.	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	
45													45
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95	60.6	247.9	86,400	211,100b									95
100	56.3	244.6	80,800	198,200b									100
105	51.7	240.7	75,600	186,700									105
110	46.7	236.1	71,000	176,400									110
115	41.3	230.6	66,700	167,000	56.1	239.6	55,900	158,500b					115
120	35.2	223.8	62,700	158,500	51.5	235.6	52,500	150,400					120
125	27.8	215.0	59,000	150,700	46.5	231.0	49,400	143,100					125
130	17.5	201.8	55,400	143,300	41.0	225.4	46,500	136,300					130
135					34.9	218.5	43,800	130,000	50.8	228.8	35,100	123,200	135
140					27.4	209.6	41,300	124,200	45.8	224.1	33,000	117,700	140
145					16.9	196.1	38,700	118,700	40.2	218.3	31,000	112,700	145
150									33.9	211.2	29,100	107,900	150
155									26.2	201.9	27,300	103,500	155
160									14.8	187.1	25,300	99,200	160

Liftcrane Luffing Jib Capacities

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

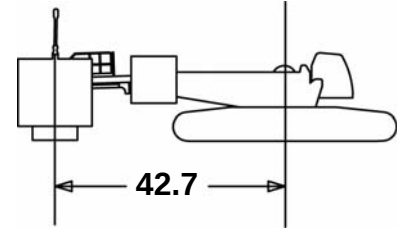
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



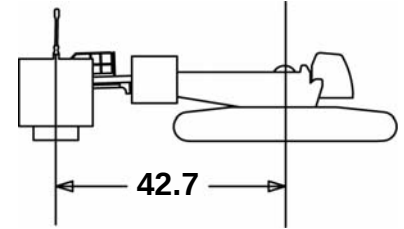
16000 MAX-ER

177.2 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	
55	71.0	279.0	231,100	317,900*b									55
60	67.8	277.0	207,300	289,000*b									60
65	64.6	274.6	187,600	265,400*b	70.5	277.7	174,300	333,300*b					65
70	61.3	271.9	171,000	245,600*	67.4	275.6	158,800	319,300*b					70
75	57.9	268.8	156,900	229,200*	64.1	273.2	145,700	304,500*b					75
80	54.3	265.2	144,700	215,200*	60.8	270.4	134,300	279,800*	66.9	273.7	123,800	273,500b	80
85	50.5	261.1	134,100	203,400*	57.4	267.2	124,400	259,600*	63.6	271.2	114,600	253,700b	85
90	46.6	256.5	124,700	193,300*	53.8	263.6	115,700	242,800*	60.3	268.4	106,500	236,400	90
95	42.3	251.1	116,400	184,900*	50.0	259.5	107,900	228,000	56.8	265.2	99,300	221,200	95
100	37.6	244.8	108,900	177,900*	46.0	254.7	101,000	214,100	53.2	261.5	92,900	207,700	100
105	32.3	237.2	102,100	172,500*	41.7	249.2	94,700	201,700	49.4	257.2	87,100	195,700	105
110	26.1	227.7	95,900	166,300*	36.9	242.8	89,000	190,500	45.3	252.4	81,900	184,900	110
115	17.7	214.2	90,200	154,700*	31.5	235.0	83,800	180,400	41.0	246.8	77,100	175,100	115
120					25.1	225.1	78,900	171,200	36.1	240.1	72,700	166,200	120
125					16.2	210.6	74,300	155,400*	30.6	232.1	68,600	158,000	125
130									23.9	221.7	64,700	150,500	130
135									14.3	205.9	61,000	143,500	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
 137,850 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.	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	
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105	60.4	264.9	74,400	185,700									105
110	56.9	261.7	69,900	175,400									110
115	53.3	258.0	65,700	166,100									115
120	49.5	253.8	61,900	157,700									120
125	45.5	248.9	58,400	150,000	56.8	256.6	48,100	141,900					125
130	41.1	243.3	55,100	142,900	53.2	252.9	45,300	135,200					130
135	36.3	236.7	52,100	136,400	49.4	248.6	42,800	129,100					135
140	30.8	228.8	49,200	130,400	45.3	243.8	40,400	123,400					140
145	24.1	218.5	46,500	124,700	40.9	238.1	38,100	118,100	52.6	246.1	29,600	111,500	145
150	14.7	203.0	43,800	119,400	36.1	231.5	36,000	113,200	48.8	241.8	27,900	106,900	150
155					30.5	223.4	34,000	108,600	44.7	236.8	26,200	102,600	155
160					23.8	213.0	32,000	104,300	40.3	231.1	24,700	98,500	160
165					14.1	197.1	30,000	100,100	35.3	224.3	23,200	94,700	165
170									29.7	215.9	21,700	91,200	170
175									22.7	205.1	20,300	87,700	175
180									12.1	187.5	18,800	84,400	180

Liftcrane Luffing Jib Capacities

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

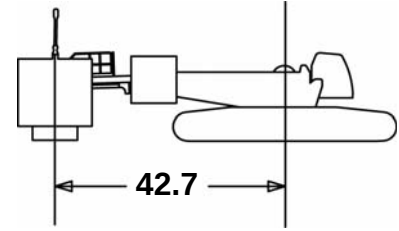
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



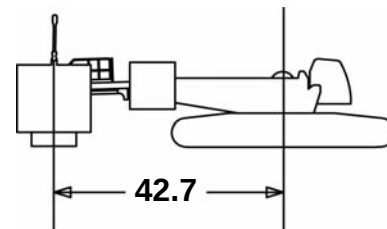
16000 MAX-ER

177.2 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	
60	71.7	298.1	206,500	289,600*b									60
65	69.1	296.2	186,800	264,700*b									65
70	66.5	294.0	170,100	244,100*									70
75	63.8	291.6	156,000	226,800*	68.7	294.9	144,300	288,900*b					75
80	61.0	288.8	143,800	212,100*	66.1	292.7	132,900	278,100*					80
85	58.1	285.7	133,100	199,500*	63.4	290.2	123,000	260,200					85
90	55.2	282.3	123,800	188,700*	60.6	287.4	114,300	242,400	65.7	290.8	104,900	234,900	90
95	52.1	278.4	115,500	179,300*	57.7	284.2	106,600	226,800	62.9	288.2	97,700	219,700	95
100	48.9	274.1	108,100	171,100*	54.8	280.7	99,700	213,000	60.2	285.4	91,300	206,300	100
105	45.6	269.3	101,400	164,100*	51.7	276.8	93,500	200,600	57.3	282.2	85,600	194,300	105
110	42.0	263.9	95,400	157,100*	48.5	272.4	87,900	189,500	54.3	278.6	80,400	183,600	110
115	38.1	257.6	89,900	147,800*	45.1	267.5	82,800	179,500	51.2	274.6	75,600	173,800	115
120	33.8	250.4	84,800	139,600*	41.4	262.0	78,100	170,400	47.9	270.2	71,300	165,000	120
125	29.0	241.8	80,200	132,400*	37.5	255.6	73,800	162,000	44.5	265.2	67,400	156,900	125
130	23.2	231.0	75,800	126,700*	33.2	248.2	69,800	154,400	40.9	259.5	63,700	149,600	130
135	15.4	215.7	71,700	122,300*	28.3	239.4	66,100	147,300	36.9	253.0	60,300	142,700	135
140					22.3	228.2	62,600	140,100*	32.5	245.4	57,100	136,400	140
145					13.9	211.7	59,200	123,200*	27.4	236.3	54,100	130,600	145
150									21.2	224.6	51,300	125,100	150
155									12.1	206.4	48,400	119,900	155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115	60.2	281.8	63,700	164,500									115
120	57.4	278.7	60,000	156,100									120
125	54.4	275.1	56,600	148,500									125
130	51.3	271.1	53,400	141,500									130
135	48.1	266.7	50,400	135,000	57.2	273.6	40,600	127,400					135
140	44.6	261.7	47,700	129,100	54.3	270.0	38,300	121,700					140
145	41.0	256.1	45,200	123,600	51.2	266.0	36,200	116,500					145
150	37.0	249.6	42,800	118,400	47.9	261.6	34,100	111,700					150
155	32.6	242.1	40,500	113,600	44.5	256.6	32,200	107,200					155
160	27.6	233.0	38,400	109,200	40.8	250.9	30,400	103,000	50.7	259.2	22,500	96,800	160
165	21.5	221.4	36,300	104,900	36.8	244.4	28,700	99,000	47.4	254.7	21,100	93,100	165
170	12.5	203.6	34,200	100,800	32.4	236.8	27,100	95,300	44.0	249.6	19,800	89,600	170
175					27.4	227.6	25,600	91,800	40.3	243.8	18,500	86,300	175
180					21.2	215.9	24,000	88,400	36.2	237.2	17,300	83,200	180
185					12.0	197.6	22,400	85,100	31.8	229.4	16,200	80,300	185
190									26.6	220.0	15,000	77,400	190
195									20.1	207.7	13,900	74,700	195
200									9.9	187.3	12,600	72,100	200

Liftcrane Luffing Jib Capacities

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

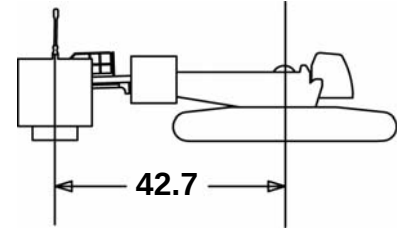
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



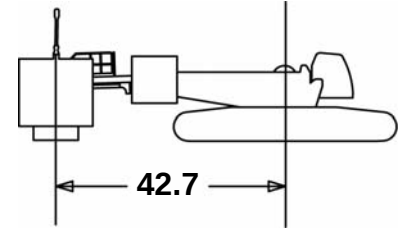
16000 MAX-ER

177.2 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	72.2	317.2	186,200	248,900*b									65
70	70.0	315.4	169,500	238,800*									70
75	67.8	313.4	155,200	227,200*									75
80	65.5	311.1	143,000	211,900*	69.7	314.1	131,900	257,900*					80
85	63.1	308.6	132,300	198,600*	67.4	312.0	122,000	252,200*					85
90	60.8	305.8	123,000	187,200*	65.1	309.7	113,300	241,300					90
95	58.3	302.7	114,700	177,000*	62.8	307.1	105,500	225,800	67.1	310.1	96,400	218,500	95
100	55.8	299.3	107,300	168,300*	60.4	304.3	98,600	211,900	64.8	307.8	90,000	205,100	100
105	53.2	295.6	100,600	160,600*	58.0	301.2	92,400	199,600	62.4	305.2	84,300	193,200	105
110	50.5	291.6	94,600	152,100*	55.5	297.8	86,900	188,500	60.1	302.3	79,100	182,400	110
115	47.8	287.1	89,100	143,200*	52.9	294.0	81,800	178,500	57.6	299.2	74,400	172,700	115
120	44.8	282.1	84,100	135,000*	50.2	289.9	77,100	169,400	55.1	295.7	70,100	163,900	120
125	41.7	276.6	79,600	127,400*	47.4	285.4	72,900	161,200	52.5	291.9	66,200	155,900	125
130	38.4	270.4	75,300	120,500*	44.4	280.3	69,000	153,600	49.7	287.7	62,600	148,600	130
135	34.9	263.4	71,400	114,300*	41.3	274.7	65,300	146,600	46.9	283.1	59,200	141,800	135
140	30.9	255.4	67,800	108,700*	37.9	268.4	62,000	139,700*	43.9	278.0	56,100	135,500	140
145	26.4	245.8	64,400	103,900*	34.3	261.3	58,800	132,000*	40.8	272.3	53,200	129,800	145
150	21.0	233.8	61,100	100,100*	30.3	253.1	55,900	125,100*	37.4	265.9	50,500	124,400	150
155	13.6	216.6	58,000	97,700*	25.7	243.2	53,100	119,000*	33.7	258.6	48,000	119,400	155
160					20.1	230.8	50,400	113,700*	29.7	250.1	45,600	114,700	160
165					12.1	212.2	47,800	100,200*	24.9	240.0	43,300	110,300	165
170									19.1	226.9	41,100	106,100	170
175									10.3	206.3	38,900	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
 137,850 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	
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120	62.5	301.6	58,500	154,800									120
125	60.1	298.8	55,100	147,200									125
130	57.7	295.6	51,900	140,200									130
135	55.1	292.2	49,000	133,800									135
140	52.5	288.4	46,400	127,900									140
145	49.8	284.2	43,900	122,400	57.6	290.6	34,600	115,200					145
150	47.0	279.6	41,500	117,400	55.0	287.1	32,600	110,400					150
155	44.0	274.5	39,300	112,600	52.4	283.3	30,700	105,900					155
160	40.9	268.8	37,300	108,200	49.7	279.1	29,000	101,700					160
165	37.5	262.5	35,300	104,100	46.9	274.5	27,300	97,800					165
170	33.9	255.2	33,500	100,200	43.9	269.3	25,800	94,200	52.1	276.5	18,200	88,300	170
175	29.8	246.8	31,700	96,500	40.7	263.6	24,300	90,700	49.3	272.3	17,000	85,000	175
180	25.1	236.7	30,100	93,000	37.4	257.2	22,900	87,500	46.5	267.6	15,800	82,000	180
185	19.3	223.8	28,400	89,700	33.7	249.9	21,600	84,400	43.5	262.4	14,700	79,100	185
190	10.7	203.7	26,700	86,500	29.6	241.5	20,300	81,500	40.3	256.6	13,700	76,300	190
195					24.9	231.3	19,100	78,700	36.9	250.1	12,700	73,700	195
200					19.1	218.2	17,800	76,000	33.2	242.6	11,700	71,200	200
205					10.2	197.4	16,500	73,400	29.0	234.0	10,800	68,900	205
210									24.2	223.5	9,800	66,600	210
215									18.1	209.8	8,900	64,400	215
220									8.1	186.3	7,800	62,200	220

Liftcrane Luffing Jib Capacities

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

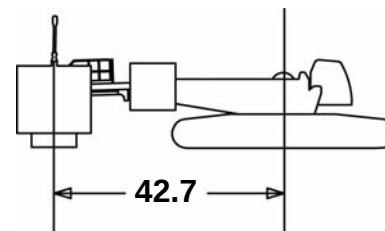
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



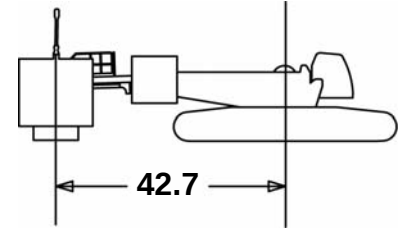
16000 MAX-ER

177.2 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	72.6	336.3	168,400	213,200*									70
75	70.7	334.6	154,100	205,700*									75
80	68.7	332.6	141,800	197,700*									80
85	66.7	330.5	131,100	189,200*	70.4	333.2	120,400	217,000*					85
90	64.7	328.1	121,700	180,500*	68.4	331.3	111,700	217,000*					90
95	62.7	325.5	113,400	171,700*	66.5	329.1	104,000	212,300*					95
100	60.6	322.7	106,000	163,000*	64.4	326.7	97,100	204,600*					100
105	58.5	319.7	99,300	154,500*	62.4	324.1	90,900	196,500*	66.2	327.2	82,500	191,600	105
110	56.3	316.4	93,300	146,300*	60.3	321.3	85,300	187,200	64.1	324.8	77,300	180,900	110
115	54.0	312.8	87,900	138,300*	58.2	318.2	80,200	177,200	62.1	322.1	72,600	171,200	115
120	51.7	308.9	82,900	130,900*	56.0	314.8	75,600	168,100	60.0	319.3	68,400	162,500	120
125	49.3	304.6	78,300	123,800*	53.7	311.2	71,400	159,900	57.8	316.1	64,500	154,500	125
130	46.9	300.0	74,100	117,300*	51.4	307.2	67,500	152,300	55.6	312.7	60,900	147,100	130
135	44.3	294.9	70,300	111,100*	49.0	302.9	63,900	145,400*	53.4	309.0	57,600	140,400	135
140	41.6	289.3	66,700	105,400*	46.5	298.2	60,600	137,600*	51.0	305.0	54,500	134,200	140
145	38.7	283.2	63,300	100,200*	43.9	293.1	57,500	130,300*	48.6	300.7	51,600	128,400	145
150	35.6	276.4	60,200	95,400*	41.2	287.5	54,600	123,400*	46.1	295.9	49,000	123,100	150
155	32.3	268.7	57,300	91,100*	38.3	281.2	51,900	117,000*	43.5	290.7	46,500	118,100	155
160	28.6	259.8	54,500	87,200*	35.1	274.3	49,400	111,100*	40.7	285.0	44,100	113,500	160
165	24.3	249.3	51,900	83,900*	31.8	266.4	47,000	105,600*	37.8	278.7	41,900	109,100	165
170	19.2	236.2	49,400	81,300*	28.0	257.4	44,700	100,700*	34.6	271.6	39,900	105,000	170
175	12.0	217.1	46,900	79,800*	23.7	246.6	42,500	96,300*	31.2	263.6	37,900	101,200	175
180					18.4	233.0	40,400	92,700*	27.4	254.3	36,000	97,600	180
185					10.6	212.2	38,300	82,300*	22.9	243.2	34,200	94,100	185
190									17.4	228.9	32,400	90,800	190
195									8.8	205.7	30,600	82,700*	195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130	62.1	318.6	49,900	138,500									130
135	60.0	315.7	47,000	132,200									135
140	57.9	312.6	44,400	126,300									140
145	55.7	309.2	41,900	120,800									145
150	53.4	305.5	39,600	115,800									150
155	51.1	301.5	37,500	111,100	57.8	307.5	28,500	104,200					155
160	48.7	297.2	35,400	106,700	55.6	304.1	26,800	100,000					160
165	46.2	292.5	33,500	102,600	53.3	300.5	25,200	96,100					165
170	43.6	287.3	31,800	98,700	51.0	296.4	23,700	92,500					170
175	40.8	281.6	30,100	95,100	48.6	292.1	22,300	89,100					175
180	37.9	275.3	28,500	91,700	46.1	287.3	21,000	85,900					180
185	34.7	268.2	27,000	88,500	43.5	282.1	19,700	82,800	50.7	289.6	12,500	77,300	185
190	31.3	260.2	25,500	85,400	40.7	276.4	18,500	80,000	48.3	285.2	11,500	74,600	190
195	27.5	251.0	24,100	82,500	37.8	270.0	17,300	77,200	45.7	280.4	10,600	72,000	195
200	23.1	240.0	22,700	79,700	34.6	263.0	16,200	74,700	43.1	275.1	9,700	69,600	200
205	17.6	225.8	21,400	77,100	31.2	254.9	15,100	72,200	40.3	269.3	8,800	67,300	205
210	9.2	203.2	20,000	74,500	27.3	245.7	14,100	69,800	37.3	262.9	8,000	65,100	210
215					22.9	234.5	13,100	67,600	34.1	255.7	7,100	63,000	215
220					17.4	220.1	12,000	65,400	30.7	247.5	6,400	61,000	220
225					8.6	196.7	10,900	63,200	26.8	238.0	5,600	59,100	225
230									22.2	226.6	4,800	57,200	230
235									16.4	211.5	4,000	55,400	235
240									6.4	184.5	3,100	53,500	240

Liftcrane Luffing Jib Capacities

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

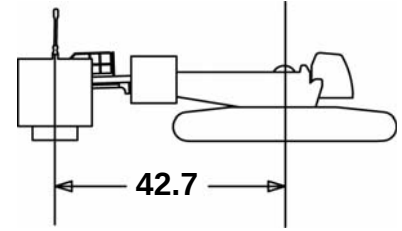
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



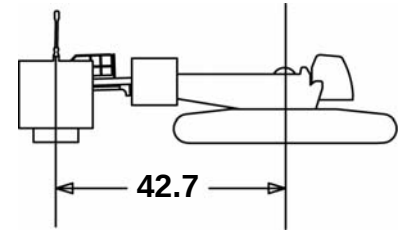
16000 MAX-ER

177.2 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	72.9	355.4	153,200	183,600*									75
80	71.2	353.7	140,800	178,100*									80
85	69.5	351.8	130,100	172,100*									85
90	67.7	349.8	120,700	165,900*	71.0	352.4	110,400	180,300*					90
95	66.0	347.5	112,300	159,300*	69.2	350.5	102,700	180,300*					95
100	64.2	345.1	104,900	152,600*	67.5	348.4	95,800	180,300*					100
105	62.3	342.5	98,200	145,900*	65.7	346.2	89,600	179,700*					105
110	60.5	339.7	92,200	139,200*	63.9	343.7	84,000	173,800*	67.2	346.5	75,900	173,100*	110
115	58.6	336.6	86,700	132,600*	62.1	341.1	79,000	167,500*	65.4	344.3	71,200	170,000	115
120	56.7	333.4	81,800	126,200*	60.2	338.2	74,300	161,000*	63.6	341.8	66,900	161,200	120
125	54.7	329.9	77,200	120,000*	58.3	335.1	70,100	154,400*	61.8	339.1	63,000	153,200	125
130	52.6	326.1	73,000	114,000*	56.4	331.8	66,200	147,700*	59.9	336.2	59,500	145,900	130
135	50.6	322.0	69,200	108,400*	54.4	328.3	62,600	141,000*	58.0	333.1	56,200	139,200	135
140	48.4	317.6	65,600	103,100*	52.4	324.5	59,300	134,400*	56.1	329.8	53,100	133,000	140
145	46.2	312.8	62,300	98,100*	50.3	320.3	56,300	128,000*	54.1	326.2	50,300	127,300	145
150	43.9	307.7	59,200	93,400*	48.1	315.9	53,400	121,800*	52.0	322.3	47,600	121,900	150
155	41.4	302.1	56,300	89,000*	45.9	311.1	50,700	115,800*	49.9	318.1	45,100	117,000	155
160	38.9	296.0	53,600	84,900*	43.5	305.9	48,200	110,200*	47.8	313.6	42,800	112,400	160
165	36.2	289.3	51,000	81,200*	41.1	300.2	45,800	104,800*	45.5	308.7	40,700	108,000	165
170	33.3	281.8	48,600	77,700*	38.5	294.0	43,600	99,800*	43.1	303.5	38,600	104,000	170
175	30.1	273.4	46,300	74,600*	35.8	287.2	41,500	95,100*	40.7	297.7	36,700	100,200	175
180	26.6	263.9	44,200	71,900*	32.8	279.6	39,500	90,800*	38.1	291.5	34,900	96,600	180
185	22.6	252.5	42,100	69,500*	29.6	271.1	37,600	86,800*	35.3	284.6	33,100	93,200	185
190	17.7	238.2	40,100	67,700*	26.1	261.3	35,800	83,200*	32.4	276.9	31,500	90,000	190
195	10.7	217.2	38,100	66,700*	22.0	249.6	34,100	80,000*	29.1	268.2	29,900	86,900	195
200					16.9	234.8	32,400	77,300*	25.5	258.1	28,400	84,000	200
205					9.3	211.8	30,700	68,400*	21.3	246.1	26,900	81,300	205
210									16.0	230.5	25,500	78,600	210
215									7.4	204.4	23,900	68,700*	215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
255													255
260													260

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140	61.8	335.6	42,800	124,900									140
145	60.0	332.7	40,300	119,500									145
150	58.1	329.6	38,000	114,500									150
155	56.1	326.3	35,900	109,800									155
160	54.1	322.7	33,900	105,400									160
165	52.1	318.8	32,000	101,300									165
170	50.0	314.6	30,300	97,500	56.1	321.2	22,100	91,100					170
175	47.8	310.1	28,600	93,900	54.1	317.6	20,700	87,700					175
180	45.6	305.3	27,100	90,500	52.0	313.7	19,300	84,500					180
185	43.2	300.0	25,600	87,300	49.9	309.5	18,100	81,500					185
190	40.8	294.3	24,200	84,300	47.7	305.0	16,900	78,700					190
195	38.2	288.1	22,800	81,400	45.5	300.1	15,800	76,000	51.7	306.9	8,900	70,600	195
200	35.4	281.2	21,500	78,700	43.1	294.9	14,700	73,400	49.6	302.7	8,000	68,200	200
205	32.5	273.5	20,300	76,100	40.7	289.1	13,700	71,000	47.4	298.1	7,100	66,000	205
210	29.2	264.8	19,100	73,700	38.1	282.8	12,700	68,700	45.2	293.2	6,300	63,800	210
215	25.6	254.9	18,000	71,300	35.3	275.9	11,700	66,500	42.8	287.9	5,600	61,700	215
220	21.4	242.9	16,900	69,000	32.3	268.2	10,800	64,400	40.3	282.1	4,800	59,700	220
225	16.2	227.5	15,700	66,900	29.1	259.5	9,900	62,300	37.7	275.7	4,100	57,800	225
230	7.8	202.1	14,500	64,700	25.5	249.4	9,100	60,400	34.9	268.7	3,400	56,000	230
235					21.2	237.4	8,200	58,500	31.9	260.9	2,700	54,300	235
240					15.9	221.7	7,400	56,700	28.6	252.0	2,100	52,600	240
245					7.2	195.4	6,400	54,900	24.9	241.7		51,000	245
250									20.6	229.3		49,500	250
255									15.0	212.9		47,900	255
260									4.7	181.4		46,300	260

Liftcrane Luffing Jib Capacities

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

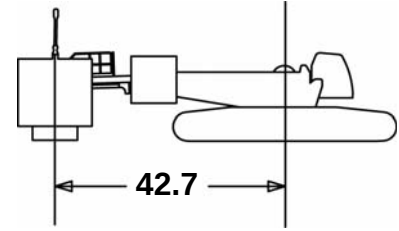
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



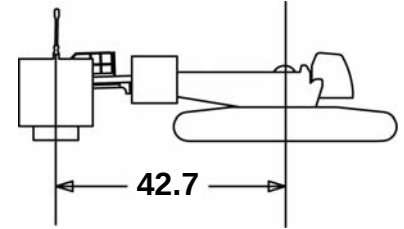
16000 MAX-ER

177.2 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	73.1	374.5	139,600	155,900*									80
85	71.6	372.8	128,800	154,400*									85
90	70.1	371.0	119,300	150,000*									90
95	68.5	369.0	110,900	145,200*									95
100	66.9	366.9	103,500	140,400*	69.8	369.7	94,200	150,900*					100
105	65.3	364.6	96,800	135,300*	68.3	367.7	88,000	150,900*					105
110	63.7	362.1	90,800	130,100*	66.7	365.5	82,400	150,900*					110
115	62.0	359.5	85,300	124,900*	65.1	363.2	77,300	150,800*					115
120	60.4	356.6	80,300	119,600*	63.5	360.7	72,700	148,500*	66.4	363.6	65,100	144,200*	120
125	58.7	353.6	75,800	114,500*	61.8	358.0	68,500	143,800*	64.8	361.3	61,200	144,200*	125
130	56.9	350.4	71,600	109,500*	60.1	355.2	64,600	138,700*	63.2	358.8	57,600	144,200*	130
135	55.2	346.9	67,700	104,600*	58.4	352.1	61,000	133,600*	61.6	356.1	54,300	137,700	135
140	53.4	343.2	64,200	99,900*	56.7	348.9	57,700	128,400*	59.9	353.2	51,300	131,500	140
145	51.5	339.3	60,800	95,400*	54.9	345.4	54,600	123,200*	58.2	350.1	48,500	125,800	145
150	49.6	335.0	57,800	91,100*	53.1	341.6	51,800	118,100*	56.4	346.8	45,800	120,500	150
155	47.6	330.5	54,900	87,000*	51.2	337.6	49,100	113,000*	54.6	343.2	43,400	115,500	155
160	45.6	325.7	52,200	83,100*	49.3	333.4	46,600	108,000*	52.8	339.5	41,100	110,900	160
165	43.5	320.5	49,700	79,400*	47.4	328.8	44,300	103,200*	50.9	335.5	38,900	106,600	165
170	41.3	314.8	47,300	76,000*	45.3	323.9	42,100	98,600*	49.0	331.1	36,900	102,600	170
175	39.0	308.7	45,000	72,800*	43.2	318.6	40,000	94,200*	47.0	326.5	35,000	98,800	175
180	36.6	302.1	42,900	69,900*	41.0	313.0	38,100	90,000*	45.0	321.6	33,200	95,200	180
185	34.0	294.9	40,900	67,100*	38.7	306.8	36,200	86,100*	42.9	316.2	31,500	91,900	185
190	31.3	286.8	39,000	64,600*	36.3	300.1	34,500	82,400*	40.7	310.5	29,900	88,700	190
195	28.3	277.8	37,200	62,300*	33.7	292.7	32,800	78,900*	38.3	304.3	28,300	85,700	195
200	25.0	267.5	35,400	60,300*	30.9	284.6	31,200	75,700*	35.9	297.5	26,900	82,800	200
205	21.1	255.3	33,800	58,600*	27.8	275.4	29,600	72,700*	33.3	290.0	25,500	80,100	205
210	16.4	239.9	32,100	57,300*	24.5	264.9	28,200	70,000*	30.4	281.7	24,100	77,500	210
215	9.5	216.9	30,400	55,800*	20.5	252.4	26,700	67,600*	27.4	272.4	22,900	75,000	215
220					15.6	236.3	25,300	64,600*	23.9	261.6	21,600	72,700	220
225					8.1	210.9	23,900	56,600*	19.9	248.6	20,400	70,000*	225
230									14.7	231.8	19,200	65,700*	230
235									6.0	202.3	17,900	56,900*	235
240													240
245													245
250													250
255													255
260													260
265													265
270													270
275													275
280													280

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150	61.6	352.5	36,000	112,800									150
155	59.9	349.6	33,900	108,200									155
160	58.2	346.6	31,900	103,800									160
165	56.5	343.3	30,100	99,700									165
170	54.7	339.7	28,300	95,900									170
175	52.9	336.0	26,700	92,300									175
180	51.0	332.0	25,100	89,000	56.4	338.2	17,200	82,800					180
185	49.1	327.7	23,700	85,800	54.6	334.6	16,000	79,800					185
190	47.1	323.0	22,300	82,800	52.8	330.9	14,800	77,000					190
195	45.1	318.1	21,000	79,900	50.9	326.9	13,700	74,300					195
200	42.9	312.8	19,700	77,300	49.0	322.5	12,700	71,800					200
205	40.7	307.1	18,500	74,700	47.0	317.9	11,700	69,400	52.5	324.1	4,900	64,200	205
210	38.4	300.8	17,400	72,300	45.0	313.0	10,700	67,100	50.7	320.0	4,200	62,000	210
215	36.0	294.1	16,300	69,900	42.8	307.6	9,800	64,900	48.7	315.7	3,400	60,000	215
220	33.3	286.6	15,200	67,700	40.6	301.9	8,900	62,800	46.7	311.0	2,700	58,000	220
225	30.5	278.4	14,200	65,600	38.3	295.6	8,100	60,800	44.7	306.0	2,000	56,200	225
230	27.5	269.0	13,300	63,600	35.8	288.8	7,300	58,900	42.5	300.6		54,400	230
235	24.0	258.3	12,300	61,600	33.2	281.4	6,500	57,100	40.3	294.8		52,700	235
240	20.0	245.5	11,400	59,700	30.4	273.0	5,700	55,400	38.0	288.5		51,100	240
245	14.9	228.8	10,400	57,900	27.3	263.7	5,000	53,700	35.5	281.6		49,500	245
250	6.5	200.4	9,400	56,100	23.9	252.9	4,300	52,100	32.8	274.0		48,000	250
255					19.8	239.9	3,500	50,500	30.0	265.6		46,500	255
260					14.7	223.0	2,800	49,000	26.9	256.1		45,100	260
265					5.9	193.2	1,900	47,400	23.3	245.0		43,800	265
270									19.2	231.6		42,400	270
275									13.8	213.9		41,100	275
280									2.4	175.2		39,700	280

Liftcrane Luffing Jib Capacities

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

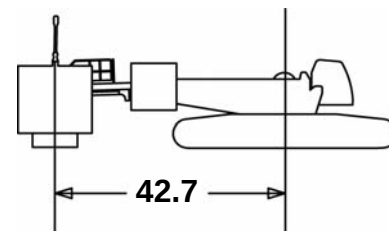
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



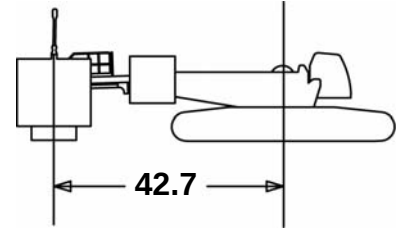
16000 MAX-ER

177.2 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	70.5	390.1	109,400	130,400*									95
100	69.1	388.2	102,000	127,000*									100
105	67.7	386.2	95,300	123,400*	70.3	388.8	86,200	126,700*					105
110	66.3	384.0	89,200	119,500*	68.9	386.9	80,600	126,600*					110
115	64.8	381.6	83,700	115,600*	67.5	384.8	75,600	126,500*					115
120	63.3	379.1	78,700	111,700*	66.1	382.6	71,000	126,300*					120
125	61.8	376.4	74,200	107,600*	64.6	380.2	66,700	126,000*	67.3	382.9	59,300	120,800*	125
130	60.3	373.6	70,000	103,600*	63.1	377.7	62,800	125,700*	65.8	380.7	55,700	120,800*	130
135	58.7	370.6	66,100	99,600*	61.6	375.0	59,300	123,700*	64.4	378.3	52,500	120,800*	135
140	57.2	367.4	62,500	95,700*	60.1	372.1	56,000	120,000*	62.9	375.7	49,400	120,800*	140
145	55.6	364.0	59,200	91,900*	58.5	369.1	52,900	116,000*	61.4	373.0	46,600	120,800*	145
150	53.9	360.3	56,100	88,100*	57.0	365.8	50,000	112,000*	59.8	370.1	44,000	118,900	150
155	52.3	356.5	53,300	84,500*	55.3	362.4	47,400	108,100*	58.3	367.1	41,500	114,000	155
160	50.6	352.4	50,600	81,000*	53.7	358.7	44,900	104,100*	56.7	363.8	39,200	109,400	160
165	48.8	348.0	48,100	77,700*	52.0	354.9	42,600	100,100*	55.1	360.3	37,100	105,100	165
170	47.0	343.4	45,700	74,500*	50.3	350.7	40,400	96,200*	53.5	356.6	35,100	101,100	170
175	45.1	338.5	43,500	71,400*	48.6	346.4	38,300	92,400*	51.8	352.7	33,200	97,300	175
180	43.2	333.2	41,300	68,600*	46.7	341.7	36,400	88,700*	50.0	348.5	31,400	93,700	180
185	41.2	327.6	39,400	65,900*	44.9	336.7	34,500	85,100*	48.3	344.1	29,700	90,400	185
190	39.2	321.5	37,500	63,400*	42.9	331.4	32,800	81,700*	46.5	339.4	28,100	87,200	190
195	37.0	315.0	35,700	61,000*	40.9	325.7	31,100	78,400*	44.6	334.4	26,600	84,200	195
200	34.7	307.9	34,000	58,800*	38.8	319.6	29,600	75,200*	42.6	329.0	25,100	81,400	200
205	32.2	300.1	32,300	56,700*	36.7	312.9	28,100	72,200*	40.6	323.2	23,800	78,700	205
210	29.6	291.5	30,800	54,800*	34.3	305.7	26,600	69,400*	38.5	317.0	22,400	76,100	210
215	26.7	281.9	29,300	53,100*	31.9	297.9	25,200	66,800*	36.3	310.3	21,200	73,600	215
220	23.5	270.9	27,800	51,600*	29.2	289.2	23,900	64,400*	34.0	303.0	20,000	71,300	220
225	19.8	257.9	26,500	50,400*	26.3	279.4	22,700	62,100*	31.5	295.1	18,800	69,000*	225
230	15.3	241.4	25,100	49,500*	23.1	268.1	21,400	60,100*	28.8	286.2	17,700	66,300*	230
235	8.5	216.1	23,700	45,900*	19.3	254.8	20,200	58,300*	25.8	276.2	16,600	63,700*	235
240					14.5	237.6	19,000	53,700*	22.5	264.7	15,600	61,200*	240
245					6.9	209.4	17,800	46,600*	18.6	250.9	14,600	58,800*	245
250									13.6	232.8	13,500	54,700*	250
255									4.6	199.2	12,400	46,700*	255
260													260
265													265
270													270
275													275
280													280
285													285
290													290
295													295

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155	62.9	372.2	31,800	106,500								155
160	61.4	369.5	29,900	102,100								160
165	59.9	366.6	28,000	98,100								165
170	58.3	363.5	26,300	94,300								170
175	56.8	360.3	24,700	90,700								175
180	55.1	356.8	23,200	87,400								180
185	53.5	353.1	21,700	84,200								185
190	51.8	349.2	20,300	81,200	56.7	355.2	12,700	75,300				190
195	50.1	345.0	19,000	78,400	55.1	351.7	11,600	72,600				195
200	48.3	340.6	17,800	75,700	53.4	348.0	10,600	70,100				200
205	46.5	335.9	16,600	73,100	51.8	344.1	9,600	67,700				205
210	44.6	330.9	15,500	70,700	50.0	339.9	8,700	65,400				210
215	42.7	325.5	14,400	68,400	48.3	335.5	7,800	63,300				215
220	40.7	319.8	13,400	66,200	46.4	330.8	6,900	61,200	51.5	337.3	56,300	220
225	38.6	313.6	12,400	64,100	44.6	325.8	6,100	59,200	49.8	333.1	54,500	225
230	36.4	306.9	11,500	62,100	42.6	320.4	5,300	57,400	48.0	328.7	52,700	230
235	34.0	299.7	10,600	60,200	40.6	314.6	4,500	55,600	46.2	323.9	51,000	235
240	31.6	291.7	9,700	58,400	38.5	308.4	3,800	53,800	44.3	318.8	49,400	240
245	28.9	282.9	8,800	56,600	36.3	301.7	3,100	52,200	42.3	313.4	47,800	245
250	25.9	272.9	8,000	54,900	33.9	294.4	2,400	50,600	40.3	307.6	46,400	250
255	22.6	261.5	7,200	53,300	31.4	286.4	1,800	49,100	38.2	301.3	44,900	255
260	18.8	247.7	6,400	51,700	28.8	277.5		47,600	36.0	294.5	43,500	260
265	13.8	229.9	5,600	50,100	25.8	267.5		46,200	33.6	287.1	42,200	265
270	5.2	197.7	4,700	48,500	22.5	256.0		44,800	31.1	279.0	40,900	270
275					18.6	242.2		43,400	28.4	270.0	39,700	275
280					13.6	224.0		42,100	25.4	259.8	38,500	280
285					4.4	189.9		40,700	22.0	248.1	37,300	285
290									18.0	233.7	36,200	290
295									12.7	214.6	35,000	295

Liftcrane Luffing Jib Capacities

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

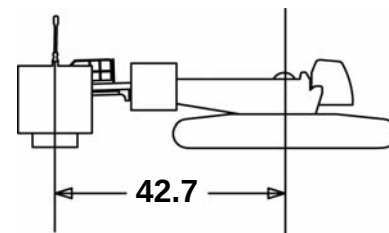
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



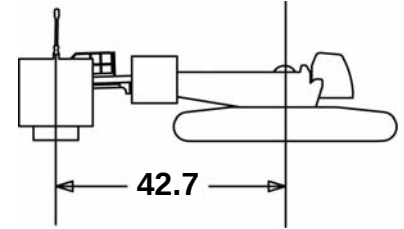
16000 MAX-ER

177.2 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	69.7	407.4	93,800	110,100*									105
110	68.4	405.4	87,800	108,200*	70.8	407.9	79,000	107,500*					110
115	67.0	403.3	82,300	105,300*	69.5	406.1	73,900	107,300*					115
120	65.7	401.0	77,300	102,300*	68.2	404.1	69,300	107,000*					120
125	64.4	398.6	72,700	99,200*	66.8	401.9	65,100	106,700*					125
130	63.0	396.1	68,500	96,100*	65.5	399.7	61,200	106,300*	68.0	402.2	53,900	102,100*	130
135	61.6	393.4	64,600	93,000*	64.2	397.2	57,600	105,900*	66.6	400.0	50,600	102,100*	135
140	60.2	390.5	61,100	89,800*	62.8	394.7	54,300	105,500*	65.3	397.8	47,600	102,100*	140
145	58.8	387.5	57,800	86,700*	61.4	392.0	51,300	105,100*	64.0	395.3	44,800	102,100*	145
150	57.4	384.3	54,700	83,600*	60.0	389.1	48,400	103,800*	62.6	392.7	42,200	102,000*	150
155	55.9	381.0	51,800	80,600*	58.6	386.0	45,800	100,800*	61.2	390.0	39,800	101,800*	155
160	54.4	377.4	49,100	77,600*	57.2	382.8	43,300	97,800*	59.8	387.1	37,500	101,600*	160
165	52.9	373.6	46,600	74,800*	55.7	379.4	41,000	94,700*	58.4	384.0	35,300	101,500*	165
170	51.4	369.7	44,200	72,000*	54.2	375.8	38,800	91,600*	56.9	380.8	33,300	99,700	170
175	49.8	365.5	42,000	69,300*	52.7	372.0	36,700	88,500*	55.5	377.4	31,500	95,900	175
180	48.1	361.0	39,900	66,700*	51.1	368.0	34,800	85,400*	54.0	373.7	29,700	92,300	180
185	46.5	356.3	37,900	64,200*	49.5	363.8	33,000	82,400*	52.4	369.9	28,000	89,000	185
190	44.8	351.3	36,100	61,800*	47.9	359.3	31,200	79,400*	50.9	365.9	26,400	85,800	190
195	43.0	346.0	34,300	59,500*	46.2	354.6	29,600	76,500*	49.3	361.6	24,900	82,900	195
200	41.2	340.3	32,600	57,300*	44.5	349.5	28,000	73,700*	47.7	357.1	23,500	80,000	200
205	39.3	334.3	31,000	55,300*	42.7	344.1	26,500	71,000*	46.0	352.3	22,100	77,300	205
210	37.3	327.8	29,500	53,400*	40.9	338.4	25,100	68,400*	44.2	347.2	20,800	74,800	210
215	35.2	320.8	28,000	51,600*	39.0	332.3	23,800	65,900*	42.5	341.8	19,600	72,300	215
220	33.0	313.2	26,600	49,900*	37.0	325.8	22,500	63,500*	40.6	336.0	18,400	70,000	220
225	30.6	305.0	25,200	48,400*	34.9	318.7	21,300	61,200*	38.7	329.8	17,300	67,800	225
230	28.1	295.9	23,900	46,900*	32.7	311.1	20,100	59,100*	36.7	323.2	16,200	65,300*	230
235	25.4	285.7	22,700	45,600*	30.3	302.7	18,900	57,100*	34.5	316.0	15,100	62,700*	235
240	22.3	274.0	21,500	44,500*	27.7	293.4	17,800	55,200*	32.3	308.3	14,100	60,300*	240
245	18.7	260.2	20,300	43,600*	25.0	283.1	16,800	53,500*	29.9	299.8	13,200	57,900*	245
250	14.3	242.6	19,100	42,900*	21.8	271.1	15,700	51,600*	27.3	290.4	12,200	55,700*	250
255	7.5	214.9	17,900	37,400*	18.2	256.9	14,700	49,100*	24.5	279.8	11,300	53,500*	255
260					13.5	238.5	13,700	44,500*	21.3	267.6	10,400	51,400*	260
265					5.8	207.2	12,600	38,000*	17.5	252.9	9,500	49,400*	265
270									12.7	233.5	8,600	45,500*	270
275									3.0	194.0	7,600	37,800*	275
280													280
285													285
290													290
295													295
300													300
305													305
310													310
315													315

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160												160
165	62.6	389.2	26,100	92,800*								165
170	61.3	386.5	24,400	92,700								170
175	59.9	383.6	22,700	89,200								175
180	58.4	380.5	21,200	85,800								180
185	57.0	377.3	19,800	82,700								185
190	55.5	373.8	18,400	79,700								190
195	54.0	370.2	17,200	76,900								195
200	52.5	366.4	15,900	74,200	56.9	372.2	8,500	68,500				200
205	50.9	362.4	14,800	71,700	55.5	368.7	7,600	66,100				205
210	49.3	358.1	13,700	69,300	54.0	365.1	6,600	63,800				210
215	47.7	353.6	12,600	67,000	52.4	361.3	5,800	61,700				215
220	46.0	348.8	11,600	64,800	50.9	357.3	4,900	59,600				220
225	44.3	343.7	10,700	62,700	49.3	353.0	4,100	57,700				225
230	42.5	338.3	9,700	60,700	47.6	348.5	3,400	55,800	52.2	354.5	51,000	230
235	40.7	332.5	8,800	58,800	46.0	343.6	2,600	54,000	50.6	350.5	49,400	235
240	38.7	326.4	8,000	57,000	44.2	338.5	1,900	52,300	49.0	346.2	47,800	240
245	36.7	319.8	7,200	55,300	42.4	333.1		50,700	47.4	341.6	46,200	245
250	34.6	312.6	6,400	53,600	40.6	327.4		49,100	45.7	336.7	44,700	250
255	32.4	304.9	5,600	52,000	38.7	321.2		47,600	44.0	331.6	43,300	255
260	30.0	296.5	4,900	50,400	36.6	314.5		46,100	42.2	326.1	42,000	260
265	27.4	287.1	4,100	48,900	34.5	307.4		44,800	40.3	320.3	40,700	265
270	24.6	276.5	3,400	47,500	32.3	299.6		43,400	38.4	314.1	39,400	270
275	21.4	264.4	2,700	46,100	29.9	291.1		42,100	36.4	307.4	38,200	275
280	17.7	249.8	2,100	44,700	27.3	281.7		40,800	34.2	300.1	37,000	280
285	12.9	230.6		43,400	24.5	271.1		39,600	32.0	292.3	35,900	285
290	3.8	193.7		41,300*	21.3	258.9		38,400	29.5	283.7	34,800	290
295					17.5	244.2		37,300	26.9	274.1	33,700	295
300					12.6	224.7		36,100	24.0	263.3	32,700*	300
305					2.7	184.1		34,900	20.8	250.8	31,500*	305
310									16.9	235.6	30,400*	310
315									11.8	215.1	29,300*	315

Liftcrane Luffing Jib Capacities

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

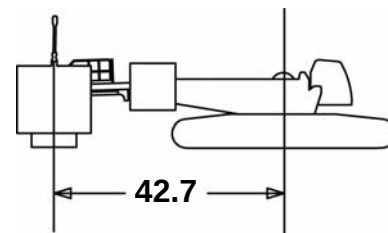
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



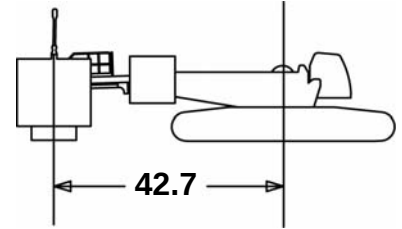
16000 MAX-ER

177.2 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	68.9	424.6	81,000	93,100*									115
120	67.7	422.6	75,900	92,500*	69.9	425.2	67,800	91,000*					120
125	66.5	420.4	71,400	90,400*	68.7	423.3	63,600	90,700*					125
130	65.2	418.1	67,200	88,000*	67.5	421.2	59,700	90,400*					130
135	64.0	415.6	63,300	85,600*	66.3	419.0	56,200	90,100*					135
140	62.7	413.1	59,700	83,100*	65.1	416.7	52,900	89,700*	67.3	419.4	46,000	86,500*	140
145	61.5	410.4	56,400	80,600*	63.8	414.2	49,800	89,300*	66.1	417.1	43,200	86,400*	145
150	60.2	407.5	53,300	78,100*	62.6	411.6	47,000	88,900*	64.9	414.8	40,600	86,300*	150
155	58.9	404.5	50,400	75,700*	61.3	408.9	44,300	88,500*	63.6	412.3	38,200	86,100*	155
160	57.5	401.3	47,800	73,200*	60.0	406.0	41,800	88,100*	62.4	409.7	35,900	85,900*	160
165	56.2	398.0	45,200	70,800*	58.7	403.0	39,500	87,700*	61.1	407.0	33,800	85,700*	165
170	54.8	394.5	42,900	68,400*	57.3	399.8	37,300	85,400*	59.8	404.0	31,800	85,500*	170
175	53.4	390.8	40,700	66,100*	56.0	396.5	35,300	83,000*	58.5	401.0	29,900	85,300*	175
180	52.0	386.9	38,600	63,800*	54.6	392.9	33,300	80,500*	57.1	397.8	28,100	85,000*	180
185	50.6	382.8	36,600	61,600*	53.2	389.2	31,500	78,100*	55.8	394.4	26,500	84,800*	185
190	49.1	378.5	34,700	59,500*	51.8	385.3	29,800	75,700*	54.4	390.8	24,900	84,500*	190
195	47.6	374.0	32,900	57,500*	50.4	381.2	28,200	73,300*	53.0	387.1	23,400	81,600	195
200	46.0	369.2	31,300	55,500*	48.9	376.8	26,600	70,900*	51.6	383.1	22,000	78,800	200
205	44.4	364.1	29,700	53,600*	47.4	372.2	25,100	68,600*	50.1	379.0	20,600	76,100	205
210	42.8	358.7	28,100	51,700*	45.8	367.4	23,700	66,300*	48.6	374.6	19,300	73,600	210
215	41.1	353.1	26,700	50,000*	44.2	362.3	22,400	64,100*	47.1	370.0	18,100	71,100	215
220	39.3	347.0	25,300	48,400*	42.6	356.9	21,100	61,900*	45.6	365.1	16,900	68,800	220
225	37.5	340.6	24,000	46,900*	40.9	351.2	19,900	59,800*	44.0	360.0	15,800	66,600*	225
230	35.6	333.7	22,700	45,400*	39.1	345.1	18,700	57,800*	42.3	354.5	14,700	63,900*	230
235	33.6	326.3	21,500	44,000*	37.3	338.6	17,600	55,900*	40.6	348.7	13,700	61,400*	235
240	31.5	318.3	20,300	42,800*	35.3	331.6	16,500	54,100*	38.8	342.6	12,700	59,000*	240
245	29.2	309.6	19,200	41,600*	33.3	324.2	15,500	52,400*	37.0	336.0	11,800	56,700*	245
250	26.8	299.9	18,100	40,500*	31.2	316.1	14,500	50,600*	35.0	329.0	10,900	54,500*	250
255	24.2	289.2	17,000	39,500*	28.9	307.2	13,500	48,600*	33.0	321.4	10,000	52,400*	255
260	21.2	276.8	16,000	38,700*	26.5	297.4	12,600	46,800*	30.8	313.2	9,100	50,400*	260
265	17.7	262.2	15,000	38,000*	23.8	286.5	11,700	44,900*	28.5	304.2	8,300	48,500*	265
270	13.4	243.5	14,000	35,600*	20.7	273.9	10,800	43,200*	26.1	294.3	7,500	46,600*	270
275	6.5	213.2	12,900	30,100*	17.2	258.8	9,900	40,600*	23.3	283.1	6,700	44,800*	275
280					12.6	239.3	9,000	36,600*	20.2	270.2	5,900	43,100*	280
285					4.7	204.1	8,000	30,600*	16.6	254.7	5,200	41,300*	285
290									11.8	234.0	4,400	37,500*	290
295													295
300													300
305													305
310													310
315													315
320													320
325													325
330													330
335													335

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	Luffing Jib Capacity Pounds		
115													115
120													120
125													125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175	62.4	406.2	21,100	78,400*									175
180	61.1	403.4	19,500	78,400*									180
185	59.8	400.5	18,100	78,400*									185
190	58.5	397.5	16,800	78,300									190
195	57.2	394.2	15,500	75,500									195
200	55.8	390.9	14,300	72,900									200
205	54.5	387.3	13,100	70,300									205
210	53.1	383.6	12,000	67,900	57.1	389.2	4,900	62,400					210
215	51.6	379.6	11,000	65,700	55.8	385.8	4,000	60,300					215
220	50.2	375.5	10,000	63,500	54.4	382.2	3,200	58,200					220
225	48.7	371.1	9,100	61,400	53.0	378.5	2,400	56,300					225
230	47.2	366.5	8,100	59,400	51.6	374.5	1,700	54,400					230
235	45.6	361.6	7,300	57,500	50.1	370.4		52,700					235
240	44.0	356.5	6,400	55,700	48.6	366.0		51,000	52.8	371.7	46,300		240
245	42.3	351.1	5,600	54,000	47.1	361.4		49,300	51.4	367.7	44,800		245
250	40.6	345.3	4,800	52,300	45.5	356.5		47,800	49.9	363.5	43,300		250
255	38.9	339.2	4,100	50,700	43.9	351.3		46,300	48.4	359.1	41,900		255
260	37.0	332.6	3,400	49,200	42.3	345.9		44,800	46.9	354.5	40,600		260
265	35.1	325.6	2,700	47,700	40.6	340.1		43,500	45.3	349.6	39,300		265
270	33.1	318.0	2,000	46,300	38.8	334.0		42,100	43.7	344.4	38,000		270
275	30.9	309.9		44,900	36.9	327.4		40,800	42.0	338.9	36,800		275
280	28.6	300.9		43,600	35.0	320.4		39,600	40.3	333.1	35,700		280
285	26.1	291.0		42,300	33.0	312.8		38,400	38.5	326.9	34,500*		285
290	23.4	279.9		41,100	30.8	304.6		37,200	36.7	320.2	33,200*		290
295	20.3	267.0		39,900	28.5	295.6		36,100	34.7	313.1	32,100*		295
300	16.7	251.6		38,700	26.0	285.6		35,000	32.7	305.5	31,000*		300
305	12.0	231.2		37,500	23.3	274.4		34,000	30.5	297.1	29,900*		305
310	1.7	185.5		33,100*	20.2	261.5		32,900	28.2	288.0	28,800*		310
315					16.5	245.9		31,900	25.7	277.9	27,800*		315
320					11.7	225.2		30,900	22.9	266.5	26,700*		320
325									19.7	253.3	25,700*		325
330									15.9	237.2	24,700*		330
335									10.9	215.3	23,700*		335

Liftcrane Luffing Jib Capacities

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

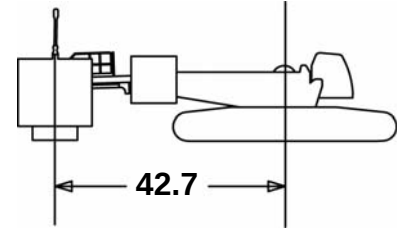
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



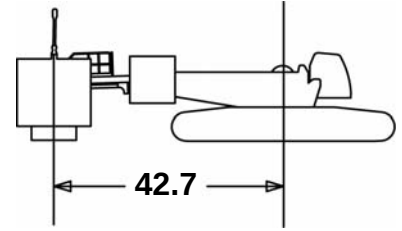
16000 MAX-ER

177.2 ft Boom, 275.6 ft Luffing Jib

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 42.7 ft Position
 360 Degree Rating



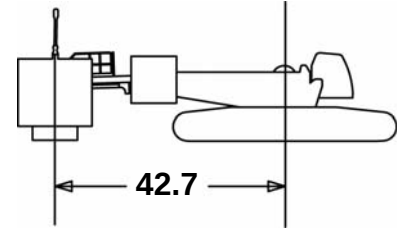
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170											170
175											175
180											180
185	62.2	423.1	16,000	66,100*							185
190	61.0	420.4	14,700	66,100*							190
195	59.8	417.5	13,400	66,100*							195
200	58.6	414.4	12,200	66,100*							200
205	57.3	411.2	11,100	66,100*							205
210	56.1	407.9	10,000	66,100*							210
215	54.8	404.4	9,000	64,000							215
220	53.5	400.7	8,000	61,900	57.3	406.1	56,500				220
225	52.2	396.8	7,100	59,800	56.0	402.8	54,600				225
230	50.9	392.8	6,200	57,900	54.8	399.3	52,700				230
235	49.5	388.5	5,300	56,000	53.5	395.6	51,000				235
240	48.1	384.1	4,500	54,200	52.2	391.7	49,300				240
245	46.7	379.4	3,700	52,500	50.8	387.7	47,700				245
250	45.2	374.5	2,900	50,800	49.5	383.4	46,100				250
255	43.7	369.3	2,200	49,200	48.1	379.0	44,600	52.0	385.0	40,200	255
260	42.2	363.8	1,500	47,700	46.6	374.3	43,200	50.6	380.9	38,700*	260
265	40.6	358.0		46,200	45.2	369.3	41,800	49.3	376.6	37,300*	265
270	39.0	351.9		44,800	43.7	364.1	40,500	47.9	372.1	36,000*	270
275	37.3	345.4		43,500	42.1	358.6	39,200	46.4	367.4	34,700*	275
280	35.5	338.5		42,100	40.6	352.9	38,000	45.0	362.4	33,400*	280
285	33.6	331.1		40,900	38.9	346.7	36,800	43.5	357.2	32,200*	285
290	31.7	323.1		39,700	37.2	340.2	35,700	41.9	351.6	31,000*	290
295	29.6	314.5		38,500	35.4	333.3	34,600	40.3	345.8	29,800*	295
300	27.4	305.1		37,300	33.6	325.8	33,500	38.7	339.6	28,700*	300
305	25.0	294.7		36,200	31.6	317.9	32,500	37.0	333.1	27,700*	305
310	22.4	283.0		35,100	29.5	309.2	31,400*	35.2	326.1	26,600*	310
315	19.4	269.5		34,100	27.3	299.7	30,300*	33.3	318.6	25,600*	315
320	15.8	253.2		33,000	24.9	289.3	29,200*	31.3	310.5	24,600*	320
325	11.2	231.4		32,000	22.2	277.5	28,100*	29.2	301.7	23,700*	325
330					19.2	263.9	27,100*	27.0	292.1	22,700*	330
335					15.6	247.5	26,100*	24.5	281.5	21,800*	335
340					10.9	225.4	25,100*	21.8	269.5	20,900*	340
345								18.8	255.6	20,000*	345
350								15.1	238.6	19,200*	350
355								10.1	215.2	18,300*	355

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
137,850 lb Hanging Counterweight
at 42.7 ft Position
360 Degree Rating



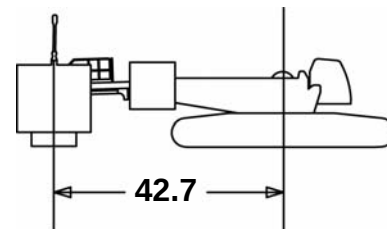
16000 MAX-ER

196.9 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	
50	70.9	280.0	260,200	339,600*c									50
55	67.0	277.9	230,800	307,600*b									55
60	62.9	275.4	207,100	281,800*b									60
65	58.6	272.3	187,400	260,700*b	67.2	276.9	172,500	328,400*c					65
70	54.2	268.8	170,800	243,100*b	63.2	274.4	157,200	313,100*b					70
75	49.4	264.6	156,700	228,400*	58.9	271.4	144,200	293,800*b	67.4	275.3	131,600	294,100c	75
80	44.3	259.6	144,500	216,300*	54.5	267.9	132,900	272,600*b	63.4	272.8	121,300	271,400b	80
85	38.6	253.5	133,700	206,600*	49.7	263.7	123,100	255,200*	59.1	269.9	112,300	251,800b	85
90	31.9	245.9	124,200	199,200*	44.6	258.8	114,400	240,800*	54.7	266.4	104,300	234,600b	90
95	23.6	235.6	115,600	194,800*	39.0	252.8	106,600	227,000	50.0	262.2	97,200	219,500	95
100	8.9	216.1	107,400	160,400*	32.4	245.3	99,600	213,100	44.9	257.3	90,800	206,100	100
105					24.2	235.2	93,200	200,600	39.3	251.4	85,100	194,200	105
110					10.7	217.3	87,000	173,900*	32.8	244.0	79,800	183,300	110
115									24.7	234.2	74,900	173,500	115
120									11.8	217.1	70,100	164,300	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
 137,850 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	
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100	60.7	267.0	75,900	194,300b									100
105	56.4	263.7	71,100	183,100b									105
110	51.8	259.8	66,600	172,900									110
115	46.8	255.2	62,600	163,800									115
120	41.4	249.7	58,900	155,400	57.6	259.3	46,900	146,100b					120
125	35.3	243.0	55,400	147,800	53.1	255.6	44,100	138,900b					125
130	27.9	234.2	52,200	140,700	48.3	251.2	41,500	132,400					130
135	17.8	221.2	49,000	134,100	43.0	246.0	39,100	126,300					135
140					37.1	239.6	36,700	120,700					140
145					30.2	231.5	34,500	115,500	49.1	245.1	25,200	108,200	145
150					21.2	220.2	32,400	110,500	44.0	240.1	23,600	103,700	150
155									38.2	234.0	22,100	99,500	155
160									31.5	226.3	20,600	95,500	160
165									23.1	215.7	19,100	91,700	165
170									7.0	194.4	17,300	87,900	170

Liftcrane Luffing Jib Capacities

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

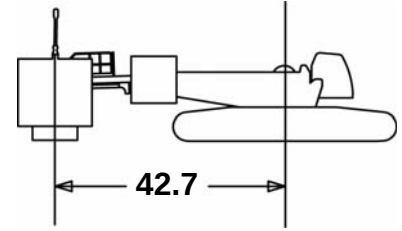
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



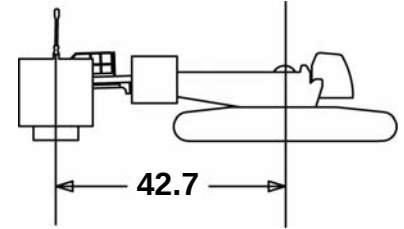
16000 MAX-ER

196.9 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
55	71.8	299.1	230,800	302,800*c									55
60	68.7	297.2	206,900	278,100*b									60
65	65.5	294.9	187,200	256,300*b									65
70	62.2	292.3	170,600	237,900*b	68.9	296.2	156,500	296,600*b					70
75	58.8	289.3	156,500	222,200*	65.7	293.9	143,500	284,500*b					75
80	55.3	285.9	144,300	209,200*	62.4	291.3	132,300	272,700*b					80
85	51.6	282.0	133,700	198,000*	59.0	288.4	122,500	254,400*	65.9	292.4	111,200	250,700b	85
90	47.7	277.5	124,300	188,400*	55.5	285.0	113,800	237,900*	62.6	289.8	103,300	233,600b	90
95	43.5	272.3	116,000	180,200*	51.8	281.1	106,200	224,200*	59.2	286.8	96,300	218,600	95
100	38.9	266.3	108,500	172,800*	47.9	276.6	99,300	212,600*	55.7	283.4	90,000	205,300	100
105	33.9	259.1	101,800	163,100*	43.8	271.5	93,200	200,300	52.0	279.6	84,400	193,400	105
110	27.9	250.2	95,600	155,000*	39.2	265.5	87,500	189,300	48.1	275.2	79,300	182,700	110
115	20.3	238.2	89,900	149,000*	34.2	258.5	82,400	179,200	44.0	270.1	74,600	173,100	115
120	5.8	213.8	84,200	128,100*	28.3	249.7	77,700	170,100	39.5	264.2	70,300	164,300	120
125					20.9	238.0	73,200	161,600	34.5	257.2	66,400	156,200	125
130					7.8	216.1	68,800	138,900*	28.7	248.5	62,700	148,800	130
135									21.3	237.0	59,200	141,900	135
140									9.0	216.5	55,600	135,400	140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110	60.5	284.0	65,400	171,800									110
115	57.0	280.7	61,400	162,700									115
120	53.4	277.1	57,800	154,500									120
125	49.6	272.9	54,500	146,900									125
130	45.5	268.0	51,400	140,000									130
135	41.2	262.5	48,600	133,600	54.4	272.7	37,700	125,200					135
140	36.4	255.9	45,900	127,700	50.7	268.7	35,500	119,700					140
145	30.9	247.9	43,400	122,200	46.7	264.0	33,500	114,600					145
150	24.3	237.7	41,000	117,100	42.5	258.7	31,600	109,800					150
155	14.9	222.4	38,500	112,200	37.8	252.4	29,700	105,400	51.4	262.6	20,700	98,300	155
160					32.6	244.9	28,000	101,200	47.5	258.0	19,300	94,500	160
165					26.3	235.5	26,300	97,300	43.3	252.8	18,000	90,800	165
170					18.1	222.3	24,700	93,500	38.7	246.8	16,800	87,400	170
175									33.5	239.5	15,600	84,200	175
180									27.5	230.5	14,400	81,100	180
185									19.8	218.2	13,300	78,100	185

Liftcrane Luffing Jib Capacities

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

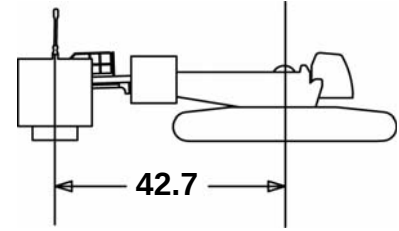
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



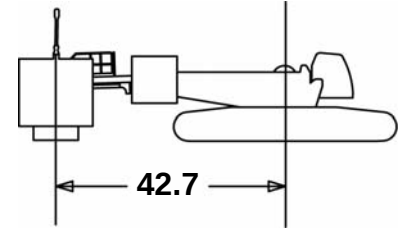
16000 MAX-ER

196.9 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
60	72.4	318.2	206,100	258,000*b									60
65	69.8	316.4	186,300	246,900*b									65
70	67.2	314.3	169,700	234,900*b									70
75	64.5	311.9	155,500	219,400*	70.0	315.4	142,100	268,400*b					75
80	61.8	309.3	143,300	205,700*	67.4	313.3	130,800	258,900*b					80
85	58.9	306.3	132,700	193,800*	64.7	310.9	121,000	249,300*					85
90	56.0	302.9	123,400	183,600*	61.9	308.3	112,400	237,700*	67.5	311.7	101,500	232,000b	90
95	53.0	299.2	115,100	174,600*	59.1	305.3	104,800	224,600*	64.8	309.4	94,500	217,100	95
100	49.8	295.0	107,700	164,500*	56.2	302.0	98,000	211,400*	62.1	306.7	88,300	203,800	100
105	46.5	290.3	101,000	154,800*	53.2	298.3	91,900	199,200	59.3	303.8	82,700	192,000	105
110	43.0	285.1	95,000	145,700*	50.0	294.1	86,300	188,100	56.3	300.5	77,700	181,300	110
115	39.2	279.1	89,500	137,600*	46.7	289.5	81,300	178,200	53.3	296.8	73,100	171,700	115
120	35.0	272.1	84,500	130,400*	43.2	284.3	76,700	168,500*	50.2	292.7	68,900	163,000	120
125	30.4	264.0	79,800	124,100*	39.4	278.3	72,500	158,900*	46.9	288.0	65,000	155,000	125
130	24.9	253.9	75,500	118,800*	35.3	271.5	68,500	150,100*	43.4	282.9	61,400	147,700	130
135	17.9	240.3	71,400	115,100*	30.7	263.4	64,900	142,300*	39.6	276.9	58,100	141,000	135
140					25.3	253.5	61,500	135,500*	35.5	270.1	55,100	134,800	140
145					18.4	240.2	58,200	130,100*	31.0	262.1	52,200	129,000	145
150					5.2	213.4	54,800	109,600*	25.6	252.3	49,400	123,600	150
155									18.8	239.3	46,800	118,600	155
160									6.7	214.7	44,000	113,600	160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120	60.3	300.9	55,800	152,800									120
125	57.4	297.7	52,500	145,300									125
130	54.5	294.2	49,500	138,400									130
135	51.4	290.2	46,700	132,100									135
140	48.1	285.8	44,200	126,300									140
145	44.7	280.8	41,800	120,900	55.3	289.8	31,300	112,800					145
150	41.0	275.2	39,500	115,900	52.3	286.0	29,500	108,100					150
155	37.1	268.8	37,400	111,200	49.1	281.7	27,800	103,700					155
160	32.7	261.2	35,400	106,800	45.7	276.9	26,100	99,600					160
165	27.7	252.2	33,500	102,700	42.1	271.4	24,600	95,800	52.8	279.8	15,800	89,000	165
170	21.6	240.6	31,600	98,800	38.3	265.2	23,100	92,200	49.6	275.6	14,600	85,600	170
175	12.7	223.1	29,700	95,000	34.0	258.1	21,700	88,800	46.3	270.9	13,500	82,500	175
180					29.2	249.5	20,400	85,600	42.8	265.6	12,500	79,500	180
185					23.5	238.9	19,100	82,500	39.0	259.5	11,500	76,700	185
190					15.8	223.8	17,700	79,600	34.8	252.6	10,500	74,000	190
195									30.1	244.3	9,600	71,500	195
200									24.6	234.1	8,700	69,000	200
205									17.4	220.2	7,700	66,700	205

Liftcrane Luffing Jib Capacities

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

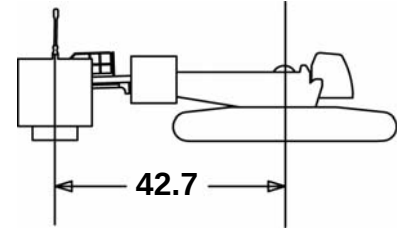
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



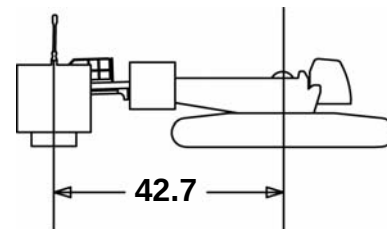
16000 MAX-ER

196.9 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	72.8	337.3	185,700	221,400*b									65
70	70.6	335.6	169,000	213,100*b									70
75	68.4	333.6	154,800	204,000*									75
80	66.1	331.4	142,500	194,600*	70.8	334.5	129,700	230,500*b					80
85	63.8	328.9	131,900	185,000*	68.5	332.6	119,900	226,100*					85
90	61.4	326.2	122,500	175,400*	66.3	330.4	111,300	218,200*					90
95	59.0	323.2	114,200	166,000*	63.9	327.9	103,700	209,600*					95
100	56.5	319.9	106,800	156,900*	61.6	325.2	96,900	200,500*	66.4	328.8	86,900	202,600	100
105	54.0	316.3	100,200	148,200*	59.2	322.3	90,800	191,100*	64.1	326.4	81,400	190,700	105
110	51.3	312.4	94,200	140,000*	56.7	319.0	85,200	181,600*	61.7	323.7	76,300	180,100	110
115	48.5	308.0	88,700	132,300*	54.1	315.4	80,200	172,100*	59.3	320.7	71,800	170,600	115
120	45.6	303.2	83,700	125,100*	51.5	311.5	75,700	163,100*	56.8	317.5	67,600	161,900	120
125	42.6	297.8	79,200	118,400*	48.7	307.1	71,500	154,300*	54.2	313.9	63,800	153,900	125
130	39.4	291.8	75,000	112,300*	45.8	302.3	67,600	146,000*	51.6	310.0	60,200	146,700	130
135	35.9	285.1	71,100	106,800*	42.8	297.0	64,000	138,200*	48.9	305.7	57,000	140,000	135
140	32.0	277.3	67,400	101,900*	39.6	291.1	60,700	130,900*	46.0	300.9	54,000	133,800	140
145	27.7	268.2	64,100	97,600*	36.1	284.4	57,600	124,100*	43.0	295.6	51,200	128,100	145
150	22.6	257.1	60,800	94,100*	32.3	276.7	54,800	118,000*	39.7	289.7	48,500	122,800	150
155	16.0	241.9	57,800	91,800*	28.0	267.7	52,000	112,500*	36.3	283.0	46,100	117,800	155
160					23.0	256.7	49,400	107,700*	32.5	275.4	43,700	113,200	160
165					16.5	241.9	46,900	104,100*	28.2	266.5	41,500	108,900	165
170									23.3	255.6	39,400	104,800	170
175									16.9	241.1	37,400	100,900	175
180									4.2	211.1	35,100	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
 137,850 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	
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	62.6	320.7	50,900	143,900									125
130	60.2	317.9	48,000	137,100									130
135	57.7	314.7	45,200	130,800									135
140	55.2	311.3	42,700	125,000									140
145	52.6	307.5	40,300	119,700									145
150	49.9	303.3	38,100	114,700									150
155	47.1	298.7	36,100	110,100	55.9	306.8	26,100	102,400					155
160	44.1	293.6	34,100	105,700	53.3	303.1	24,500	98,300					160
165	40.9	288.0	32,300	101,700	50.7	299.1	23,100	94,500					165
170	37.6	281.6	30,600	97,900	47.9	294.6	21,600	91,000					170
175	33.9	274.4	28,900	94,300	45.0	289.7	20,300	87,600					175
180	29.9	266.0	27,400	90,900	41.9	284.2	19,100	84,500	51.1	293.0	10,800	78,200	180
185	25.2	255.9	25,800	87,700	38.6	278.0	17,800	81,500	48.4	288.6	9,900	75,400	185
190	19.5	243.1	24,400	84,600	35.0	271.1	16,700	78,700	45.5	283.7	9,000	72,800	190
195	11.0	223.2	22,800	81,600	31.1	263.1	15,600	76,000	42.4	278.3	8,100	70,300	195
200					26.6	253.6	14,500	73,400	39.2	272.3	7,300	67,900	200
205					21.3	241.7	13,400	71,000	35.7	265.5	6,500	65,700	205
210					14.0	224.9	12,300	68,600	31.8	257.7	5,700	63,500	210
215									27.5	248.5	5,000	61,400	215
220									22.3	237.2	4,200	59,400	220
225									15.5	221.7	3,400	57,500	225

Liftcrane Luffing Jib Capacities

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

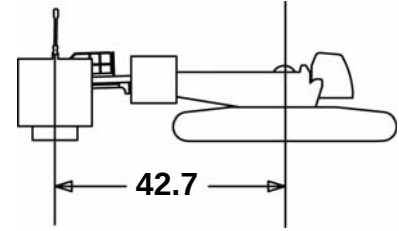
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



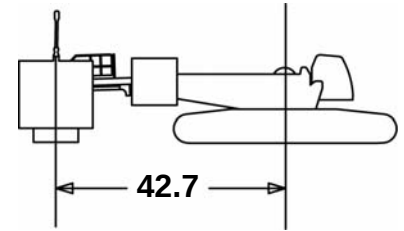
16000 MAX-ER

196.9 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	73.1	356.4	167,800	190,800*									70
75	71.2	354.7	153,600	184,500*									75
80	69.3	352.8	141,300	177,800*									80
85	67.3	350.7	130,600	170,700*									85
90	65.3	348.4	121,200	163,300*	69.4	351.8	109,700	194,800*					90
95	63.3	345.9	112,900	155,800*	67.4	349.7	102,000	190,900*					95
100	61.2	343.2	105,500	148,400*	65.4	347.4	95,200	184,600*					100
105	59.1	340.2	98,800	141,100*	63.4	344.9	89,100	177,900*	67.5	348.1	79,500	188,300*	105
110	56.9	336.9	92,900	134,000*	61.3	342.2	83,600	170,800*	65.5	345.9	74,400	178,500	110
115	54.7	333.4	87,400	127,200*	59.2	339.2	78,600	163,600*	63.5	343.4	69,900	169,000	115
120	52.4	329.6	82,400	120,700*	57.0	336.0	74,100	156,200*	61.4	340.6	65,700	160,300	120
125	50.0	325.4	77,900	114,600*	54.8	332.5	69,900	148,900*	59.3	337.7	61,900	152,400	125
130	47.6	320.9	73,700	108,800*	52.5	328.7	66,100	141,600*	57.1	334.5	58,500	145,200	130
135	45.0	316.0	69,900	103,300*	50.2	324.6	62,600	134,600*	54.9	331.0	55,200	138,500	135
140	42.3	310.5	66,300	98,200*	47.7	320.1	59,300	128,000*	52.6	327.2	52,300	132,400	140
145	39.5	304.6	63,000	93,600*	45.2	315.1	56,200	121,600*	50.3	323.1	49,500	126,700	145
150	36.5	298.0	59,900	89,300*	42.5	309.8	53,400	115,500*	47.8	318.6	46,900	121,400	150
155	33.2	290.5	56,900	85,400*	39.7	303.8	50,700	109,900*	45.3	313.7	44,500	116,500	155
160	29.6	282.0	54,200	82,000*	36.7	297.3	48,200	104,600*	42.6	308.4	42,200	111,900	160
165	25.6	272.0	51,600	79,000*	33.4	289.9	45,900	99,700*	39.8	302.5	40,100	107,600	165
170	20.7	259.8	49,100	76,600*	29.9	281.5	43,600	95,300*	36.8	295.9	38,100	103,600	170
175	14.4	243.1	46,700	75,100*	25.8	271.6	41,500	91,300*	33.6	288.6	36,200	99,800	175
180					21.1	259.5	39,500	88,000*	30.0	280.2	34,300	96,200	180
185					14.9	243.2	37,500	85,400*	26.1	270.4	32,600	92,800	185
190									21.4	258.5	30,900	89,600	190
195									15.3	242.5	29,300	86,500	195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135	62.2	337.7	43,100	129,100									135
140	60.1	334.8	40,600	123,300									140
145	57.9	331.7	38,300	118,000									145
150	55.7	328.3	36,100	113,100									150
155	53.5	324.6	34,100	108,500									155
160	51.2	320.6	32,200	104,200									160
165	48.8	316.3	30,400	100,100	56.4	323.9	20,800	92,700					165
170	46.2	311.6	28,700	96,400	54.1	320.3	19,500	89,200					170
175	43.6	306.4	27,100	92,800	51.8	316.4	18,200	85,900					175
180	40.9	300.7	25,600	89,500	49.4	312.1	17,000	82,800					180
185	37.9	294.4	24,200	86,300	47.0	307.5	15,800	79,900					185
190	34.8	287.4	22,800	83,400	44.4	302.5	14,700	77,100	52.2	310.2	6,700	70,900	190
195	31.4	279.4	21,500	80,500	41.7	296.9	13,600	74,400	49.9	306.0	5,900	68,500	195
200	27.6	270.2	20,300	77,800	38.8	290.8	12,600	71,900	47.4	301.5	5,100	66,100	200
205	23.2	259.2	19,000	75,200	35.7	284.0	11,700	69,600	44.9	296.5	4,400	63,900	205
210	17.7	245.1	17,800	72,800	32.4	276.4	10,700	67,300	42.2	291.1	3,600	61,800	210
215	9.4	222.9	16,500	70,300	28.7	267.5	9,800	65,100	39.3	285.1	3,000	59,800	215
220					24.5	257.1	9,000	63,000	36.3	278.4	2,300	57,900	220
225					19.5	244.2	8,100	61,000	33.0	270.9	1,600	56,100	225
230					12.4	225.5	7,200	59,000	29.4	262.4		54,300	230
235									25.3	252.3		52,600	235
240									20.4	239.9		50,900	240
245									13.9	222.7		49,300	245

Liftcrane Luffing Jib Capacities

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

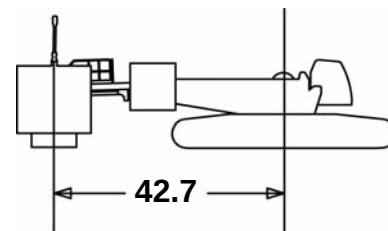
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



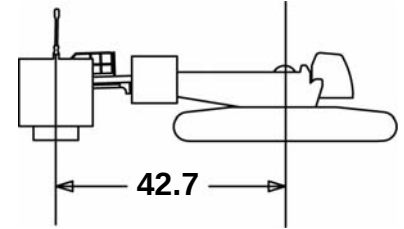
16000 MAX-ER

196.9 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	71.7	373.8	140,300	160,500*									80
85	69.9	372.0	129,500	155,400*									85
90	68.2	370.0	120,100	150,000*									90
95	66.4	367.8	111,800	144,300*	70.1	371.0	100,700	164,300*					95
100	64.7	365.4	104,400	138,500*	68.3	369.0	93,900	164,300*					100
105	62.8	362.9	97,700	132,700*	66.6	366.8	87,800	162,600*					105
110	61.0	360.1	91,700	126,900*	64.8	364.5	82,300	157,600*					110
115	59.1	357.1	86,300	121,200*	63.0	361.9	77,300	152,300*	66.6	365.2	68,400	158,600*	115
120	57.2	353.9	81,300	115,600*	61.1	359.2	72,800	146,800*	64.9	362.9	64,300	158,600*	120
125	55.2	350.5	76,800	110,200*	59.2	356.2	68,600	141,100*	63.0	360.4	60,500	151,100	125
130	53.2	346.8	72,600	105,000*	57.3	353.0	64,800	135,400*	61.2	357.6	57,000	143,900	130
135	51.1	342.8	68,700	100,000*	55.3	349.6	61,300	129,600*	59.3	354.6	53,800	137,300	135
140	49.0	338.5	65,200	95,300*	53.3	345.9	58,000	123,900*	57.4	351.5	50,800	131,200	140
145	46.8	333.8	61,900	90,900*	51.3	341.9	55,000	118,200*	55.4	348.0	48,100	125,500	145
150	44.5	328.8	58,800	86,700*	49.1	337.6	52,100	112,800*	53.4	344.4	45,500	120,200	150
155	42.1	323.3	55,900	82,800*	46.9	333.0	49,500	107,700*	51.4	340.4	43,100	115,300	155
160	39.6	317.3	53,200	79,200*	44.6	328.0	47,000	102,700*	49.2	336.1	40,800	110,800	160
165	36.9	310.8	50,700	75,800*	42.3	322.5	44,700	98,000*	47.0	331.5	38,700	106,500	165
170	34.1	303.6	48,300	72,700*	39.8	316.6	42,500	93,600*	44.8	326.5	36,800	102,500	170
175	31.0	295.5	46,000	69,900*	37.1	310.1	40,500	89,400*	42.4	321.1	34,900	98,700	175
180	27.6	286.3	43,900	67,500*	34.3	302.9	38,500	85,500*	39.9	315.2	33,100	95,200	180
185	23.8	275.5	41,800	65,400*	31.2	294.9	36,700	81,900*	37.2	308.7	31,400	91,800	185
190	19.2	262.2	39,800	63,700*	27.8	285.7	34,900	78,700*	34.4	301.6	29,800	88,700	190
195	13.0	243.9	37,900	62,700*	24.0	275.1	33,200	75,800*	31.4	293.6	28,300	85,700	195
200					19.5	262.0	31,500	73,300*	28.0	284.5	26,900	82,800	200
205					13.5	244.2	29,900	71,500*	24.2	274.0	25,400	80,100	205
210									19.8	261.0	24,100	77,500	210
215									13.9	243.6	22,700	75,000	215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
255													255
260													260
265													265

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135													135
140													140
145	61.9	354.6	36,600	116,600									145
150	60.0	351.8	34,500	111,700									150
155	58.1	348.7	32,500	107,100									155
160	56.2	345.3	30,600	102,800									160
165	54.2	341.7	28,800	98,800									165
170	52.1	337.9	27,200	95,100									170
175	50.0	333.7	25,600	91,600	56.7	340.9	16,400	84,500					175
180	47.9	329.2	24,100	88,300	54.8	337.4	15,300	81,400					180
185	45.6	324.4	22,700	85,100	52.7	333.6	14,100	78,500					185
190	43.3	319.1	21,400	82,200	50.6	329.5	13,000	75,700					190
195	40.8	313.4	20,100	79,400	48.5	325.1	12,000	73,100					195
200	38.2	307.2	18,900	76,700	46.3	320.4	11,100	70,600					200
205	35.5	300.3	17,800	74,200	43.9	315.2	10,100	68,300	51.0	323.4	2,600	62,500	205
210	32.5	292.7	16,700	71,800	41.5	309.7	9,200	66,000	48.9	319.0	1,900	60,400	210
215	29.3	284.0	15,600	69,500	39.0	303.6	8,400	63,900	46.7	314.4		58,400	215
220	25.7	274.1	14,600	67,300	36.3	296.9	7,600	61,900	44.4	309.3		56,600	220
225	21.5	262.1	13,600	65,200	33.4	289.5	6,800	59,900	42.0	303.8		54,800	225
230	16.3	246.8	12,500	63,100	30.2	281.2	6,000	58,100	39.4	297.8		53,000	230
235	8.1	221.9	11,400	61,100	26.8	271.6	5,200	56,300	36.8	291.3		51,400	235
240					22.8	260.4	4,500	54,500	33.9	284.0		49,800	240
245					17.9	246.2	3,800	52,900	30.8	275.9		48,200	245
250					11.1	225.7	3,000	51,200	27.4	266.6		46,800	250
255									23.5	255.6		45,300	255
260									18.9	242.2		43,900	260
265									12.6	223.4		42,600	265

Liftcrane Luffing Jib Capacities

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

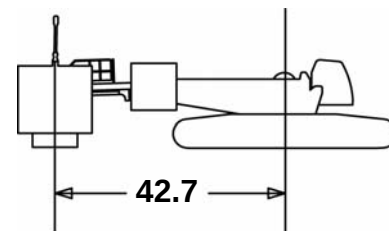
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



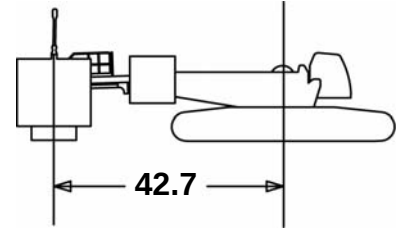
16000 MAX-ER

196.9 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	70.5	391.1	118,700	136,000*									90
95	68.9	389.2	110,400	131,900*									95
100	67.4	387.1	103,000	127,600*	70.6	390.1	92,200	138,200*					100
105	65.8	384.9	96,300	123,200*	69.0	388.2	86,100	138,200*					105
110	64.1	382.5	90,300	118,700*	67.5	386.1	80,600	138,200*					110
115	62.5	379.9	84,800	114,100*	65.9	383.9	75,600	138,200*					115
120	60.8	377.1	79,800	109,500*	64.2	381.5	71,100	135,400*	67.5	384.5	62,300	132,400*	120
125	59.1	374.1	75,300	105,000*	62.6	378.9	66,900	131,300*	65.9	382.3	58,600	132,400*	125
130	57.4	370.9	71,100	100,600*	60.9	376.1	63,100	127,000*	64.3	379.9	55,100	132,400*	130
135	55.7	367.5	67,300	96,300*	59.3	373.1	59,600	122,600*	62.7	377.3	51,900	132,400*	135
140	53.9	363.9	63,700	92,200*	57.5	370.0	56,300	118,100*	61.0	374.6	48,900	129,600	140
145	52.0	360.0	60,400	88,200*	55.8	366.6	53,300	113,600*	59.3	371.6	46,200	124,000	145
150	50.1	355.9	57,400	84,300*	54.0	363.0	50,500	109,100*	57.6	368.5	43,700	118,700	150
155	48.2	351.4	54,500	80,700*	52.1	359.1	47,900	104,600*	55.9	365.1	41,300	113,900	155
160	46.2	346.7	51,800	77,200*	50.3	355.0	45,400	100,200*	54.1	361.5	39,100	109,300	160
165	44.1	341.5	49,300	74,000*	48.3	350.6	43,100	96,000*	52.2	357.6	37,000	105,100	165
170	41.9	336.0	46,900	70,900*	46.3	345.8	41,000	91,900*	50.3	353.5	35,000	101,100	170
175	39.7	330.1	44,700	68,000*	44.2	340.7	38,900	88,000*	48.4	349.1	33,200	97,300	175
180	37.3	323.6	42,600	65,300*	42.1	335.3	37,000	84,300*	46.4	344.4	31,400	93,800	180
185	34.8	316.6	40,600	62,800*	39.8	329.4	35,200	80,800*	44.3	339.3	29,800	90,500	185
190	32.1	308.8	38,700	60,500*	37.4	322.9	33,400	77,500*	42.2	333.9	28,200	87,300	190
195	29.1	300.1	36,900	58,500*	34.9	315.9	31,800	74,300*	39.9	328.0	26,700	84,400	195
200	25.9	290.1	35,100	56,700*	32.3	308.1	30,200	71,400*	37.6	321.6	25,300	81,500	200
205	22.2	278.5	33,500	55,100*	29.3	299.5	28,700	68,700*	35.1	314.6	23,900	78,900	205
210	17.8	264.3	31,900	54,000*	26.1	289.7	27,300	66,300*	32.4	306.9	22,600	76,300	210
215	11.9	244.3	30,200	53,400*	22.5	278.2	25,900	64,100*	29.5	298.3	21,400	73,900	215
220					18.2	264.1	24,500	62,300*	26.3	288.5	20,200	71,500	220
225					12.3	244.8	23,200	61,000*	22.7	277.1	19,000	69,300	225
230									18.4	263.2	17,900	67,200	230
235									12.7	244.3	16,700	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
 137,850 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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90												90
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155	61.6	371.6	30,400	105,400								155
160	60.0	368.7	28,500	101,200								160
165	58.3	365.6	26,800	97,200								165
170	56.5	362.4	25,100	93,400								170
175	54.7	358.8	23,600	89,900								175
180	52.9	355.1	22,100	86,600								180
185	51.0	351.0	20,800	83,500	57.0	357.9	11,900	76,700				185
190	49.1	346.8	19,500	80,600	55.2	354.4	10,900	74,000				190
195	47.1	342.2	18,200	77,800	53.4	350.7	9,900	71,400				195
200	45.1	337.2	17,100	75,200	51.6	346.8	8,900	68,900				200
205	43.0	331.9	15,900	72,700	49.7	342.6	8,000	66,600				205
210	40.8	326.2	14,900	70,300	47.7	338.0	7,200	64,400				210
215	38.4	320.0	13,800	68,000	45.7	333.2	6,300	62,300	51.9	340.6	56,600	215
220	36.0	313.2	12,800	65,900	43.6	328.0	5,500	60,300	50.0	336.5	54,800	220
225	33.4	305.8	11,900	63,800	41.4	322.4	4,800	58,300	48.1	332.0	53,000	225
230	30.6	297.5	11,000	61,800	39.1	316.4	4,100	56,500	46.1	327.2	51,300	230
235	27.5	288.2	10,100	59,900	36.7	309.7	3,400	54,700	44.0	322.1	49,700	235
240	24.1	277.5	9,200	58,100	34.2	302.5	2,700	53,100	41.8	316.6	48,100	240
245	20.1	264.7	8,400	56,300	31.4	294.5	2,000	51,400	39.5	310.6	46,600	245
250	15.0	248.2	7,500	54,600	28.4	285.6		49,900	37.2	304.1	45,200	250
255	6.8	220.3	6,600	52,900	25.1	275.3		48,400	34.6	297.0	43,800	255
260					21.3	263.2		46,900	31.9	289.1	42,400	260
265					16.6	248.0		45,500	29.0	280.4	41,100	265
270					9.9	225.5		44,100	25.7	270.4	39,900	270
275									22.0	258.7	38,700	275
280									17.6	244.2	37,500	280
285									11.4	223.7	36,300	285

Liftcrane Luffing Jib Capacities

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

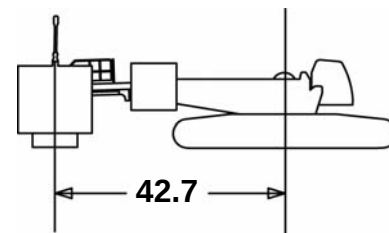
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



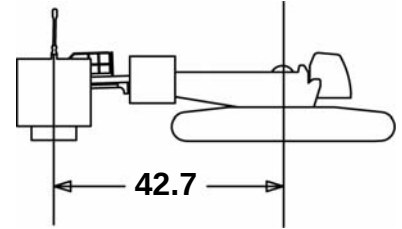
16000 MAX-ER

196.9 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	69.5	408.4	101,400	115,800*									100
105	68.1	406.4	94,700	112,500*									105
110	66.7	404.2	88,700	109,000*	69.6	407.4	78,800	117,500*					110
115	65.2	401.9	83,200	105,600*	68.2	405.4	73,900	117,500*					115
120	63.7	399.5	78,200	102,000*	66.7	403.2	69,300	117,400*					120
125	62.2	396.8	73,700	98,400*	65.3	400.9	65,100	117,300*					125
130	60.7	394.0	69,500	94,900*	63.8	398.5	61,300	116,600*	66.8	401.6	53,200	112,500*	130
135	59.2	391.1	65,700	91,300*	62.3	395.9	57,800	113,400*	65.4	399.4	50,000	112,500*	135
140	57.6	387.9	62,100	87,800*	60.8	393.1	54,600	110,000*	63.9	396.9	47,000	112,500*	140
145	56.0	384.5	58,800	84,400*	59.3	390.1	51,500	106,600*	62.4	394.3	44,300	112,500*	145
150	54.4	381.0	55,700	81,100*	57.7	387.0	48,700	103,100*	60.9	391.5	41,800	112,500*	150
155	52.7	377.2	52,900	77,800*	56.1	383.6	46,100	99,600*	59.4	388.6	39,400	112,300	155
160	51.0	373.2	50,200	74,700*	54.5	380.1	43,700	96,100*	57.8	385.4	37,200	107,800	160
165	49.3	368.9	47,700	71,800*	52.8	376.3	41,400	92,500*	56.2	382.1	35,100	103,500	165
170	47.5	364.4	45,300	68,900*	51.1	372.3	39,200	89,100*	54.6	378.6	33,100	99,500	170
175	45.7	359.5	43,100	66,200*	49.4	368.0	37,200	85,600*	52.9	374.8	31,300	95,800	175
180	43.8	354.3	41,000	63,600*	47.6	363.5	35,300	82,300*	51.2	370.8	29,600	92,300	180
185	41.8	348.8	39,000	61,200*	45.8	358.7	33,500	79,100*	49.5	366.6	27,900	89,000	185
190	39.7	342.9	37,100	58,900*	43.9	353.5	31,700	76,100*	47.7	362.0	26,400	85,800	190
195	37.6	336.5	35,400	56,800*	41.9	348.0	30,100	73,100*	45.9	357.2	24,900	82,900	195
200	35.3	329.5	33,700	54,700*	39.9	342.1	28,600	70,300*	44.0	352.1	23,500	80,100	200
205	32.9	321.9	32,000	52,900*	37.7	335.7	27,100	67,700*	42.0	346.6	22,200	77,400	205
210	30.3	313.6	30,500	51,200*	35.5	328.8	25,700	65,100*	40.0	340.7	20,900	74,900	210
215	27.5	304.3	29,000	49,700*	33.1	321.3	24,300	62,800*	37.8	334.4	19,700	72,500	215
220	24.5	293.7	27,600	48,400*	30.5	313.0	23,100	60,600*	35.6	327.5	18,500	70,200	220
225	20.9	281.3	26,200	47,200*	27.7	303.8	21,800	58,500*	33.2	320.0	17,400	68,000	225
230	16.7	266.0	24,800	46,400*	24.7	293.3	20,600	56,700*	30.6	311.7	16,300	65,900	230
235	10.8	244.5	23,500	46,100*	21.2	281.1	19,400	55,000*	27.9	302.6	15,300	63,800	235
240					17.0	266.0	18,300	53,700*	24.8	292.2	14,300	61,900	240
245					11.3	245.1	17,100	50,800*	21.4	280.0	13,300	60,000	245
250									17.2	265.2	12,300	58,100*	250
255									11.6	244.7	11,300	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
 137,850 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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160	63.0	391.3	26,400	99,500								160
165	61.4	388.6	24,700	95,500								165
170	59.9	385.7	23,100	91,800								170
175	58.4	382.6	21,500	88,300								175
180	56.8	379.3	20,100	85,000								180
185	55.2	375.9	18,700	81,900								185
190	53.5	372.2	17,500	79,000								190
195	51.9	368.3	16,200	76,200	57.2	374.8	7,700	69,700				195
200	50.1	364.1	15,100	73,600	55.6	371.4	6,800	67,200				200
205	48.4	359.7	14,000	71,100	54.0	367.8	5,900	64,900				205
210	46.6	355.0	12,900	68,700	52.3	364.0	5,100	62,700				210
215	44.7	350.0	11,900	66,500	50.6	359.9	4,300	60,600				215
220	42.7	344.7	10,900	64,300	48.9	355.6	3,500	58,600				220
225	40.7	338.9	10,000	62,300	47.1	351.0	2,700	56,700	52.6	357.8	51,200	225
230	38.6	332.7	9,100	60,300	45.2	346.0	2,000	54,900	50.9	353.8	49,500	230
235	36.4	326.1	8,300	58,500	43.3	340.8		53,100	49.2	349.5	47,900	235
240	34.1	318.8	7,500	56,700	41.3	335.2		51,500	47.4	344.9	46,400	240
245	31.6	310.9	6,700	54,900	39.2	329.1		49,900	45.6	340.1	44,900	245
250	28.9	302.1	5,900	53,300	37.1	322.6		48,300	43.7	334.9	43,500	250
255	26.0	292.1	5,100	51,700	34.8	315.5		46,800	41.7	329.3	42,100	255
260	22.7	280.7	4,400	50,100	32.3	307.8		45,400	39.6	323.4	40,800	260
265	18.8	267.1	3,700	48,600	29.7	299.2		44,100	37.5	316.9	39,500	265
270	13.9	249.3	2,900	47,200	26.9	289.7		42,700	35.2	310.0	38,300	270
275	5.5	217.9	2,100	45,600	23.7	278.7		41,400	32.8	302.3	37,100	275
280					20.0	265.8		40,200	30.2	293.9	36,000	280
285					15.5	249.5		39,000	27.4	284.6	34,900	285
290					8.9	224.9		37,700	24.3	273.9	33,700*	290
295									20.7	261.4	32,600*	295
300									16.4	245.9	31,400*	300
305									10.4	223.7	30,200*	305

Liftcrane Luffing Jib Capacities

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

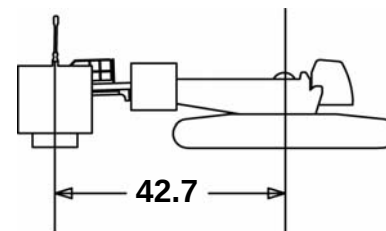
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



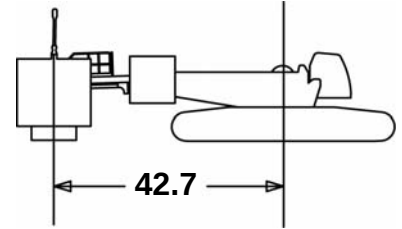
16000 MAX-ER

196.9 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
110	68.7	425.6	87,200	99,000*									110
115	67.4	423.5	81,700	96,400*	70.1	426.5	72,100	100,300*					115
120	66.1	421.3	76,800	93,700*	68.8	424.6	67,600	100,100*					120
125	64.7	419.0	72,200	90,900*	67.5	422.5	63,400	100,000*					125
130	63.4	416.5	68,000	88,100*	66.2	420.3	59,600	99,700*					130
135	62.0	413.8	64,200	85,300*	64.8	418.0	56,100	99,500*	67.5	420.9	48,100	95,600*	135
140	60.6	411.0	60,600	82,400*	63.5	415.5	52,900	99,200*	66.2	418.7	45,200	95,600*	140
145	59.2	408.0	57,300	79,600*	62.1	412.8	49,900	98,200*	64.9	416.4	42,400	95,600*	145
150	57.8	404.9	54,200	76,800*	60.7	410.0	47,100	95,600*	63.5	413.9	39,900	95,600*	150
155	56.3	401.5	51,400	74,100*	59.3	407.1	44,500	92,900*	62.2	411.3	37,600	95,600*	155
160	54.8	398.0	48,700	71,400*	57.9	403.9	42,000	90,200*	60.8	408.5	35,400	95,600*	160
165	53.3	394.3	46,200	68,800*	56.4	400.6	39,700	87,400*	59.4	405.5	33,300	95,600*	165
170	51.8	390.4	43,800	66,300*	54.9	397.1	37,600	84,600*	57.9	402.4	31,300	95,600*	170
175	50.2	386.3	41,600	63,900*	53.4	393.4	35,600	81,900*	56.5	399.1	29,500	94,400	175
180	48.6	381.9	39,500	61,600*	51.9	389.5	33,700	79,100*	55.0	395.6	27,800	90,900	180
185	46.9	377.3	37,600	59,300*	50.3	385.4	31,900	76,400*	53.5	391.9	26,200	87,600	185
190	45.2	372.3	35,700	57,200*	48.7	381.0	30,200	73,700*	52.0	388.0	24,600	84,400	190
195	43.5	367.1	33,900	55,100*	47.0	376.4	28,600	71,100*	50.4	383.9	23,200	81,500	195
200	41.7	361.5	32,300	53,200*	45.3	371.5	27,000	68,500*	48.8	379.6	21,800	78,700	200
205	39.8	355.6	30,700	51,300*	43.6	366.3	25,600	66,100*	47.1	375.0	20,500	76,000	205
210	37.8	349.2	29,100	49,600*	41.8	360.8	24,200	63,800*	45.4	370.1	19,200	73,500	210
215	35.8	342.4	27,700	47,900*	39.9	354.9	22,800	61,500*	43.7	364.9	18,000	71,100	215
220	33.6	335.0	26,300	46,400*	38.0	348.5	21,600	59,400*	41.9	359.4	16,900	68,800	220
225	31.3	327.0	24,900	45,000*	35.9	341.7	20,400	57,300*	40.0	353.5	15,800	66,700	225
230	28.8	318.1	23,700	43,800*	33.7	334.4	19,200	55,400*	38.0	347.1	14,700	64,600	230
235	26.1	308.2	22,400	42,600*	31.5	326.3	18,100	53,600*	36.0	340.4	13,700	62,600	235
240	23.2	297.0	21,200	41,600*	29.0	317.5	17,000	51,900*	33.9	333.0	12,800	60,700	240
245	19.8	283.9	20,100	40,800*	26.3	307.7	16,000	50,300*	31.6	325.1	11,800	58,800	245
250	15.6	267.6	18,900	40,200*	23.4	296.6	14,900	48,900*	29.1	316.3	10,900	57,100	250
255	9.8	244.3	17,700	39,700*	20.0	283.6	13,900	47,600*	26.5	306.6	10,000	55,000*	255
260					15.9	267.6	13,000	46,600*	23.5	295.5	9,200	52,900*	260
265					10.3	245.1	12,000	41,900*	20.2	282.6	8,300	50,800*	265
270									16.2	266.8	7,500	48,700*	270
275									10.7	244.8	6,600	44,000*	275
280													280
285													285
290													290
295													295
300													300
305													305
310													310
315													315
320													320
325													325

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160												160
165												165
170	62.7	408.2	21,000	87,200*								170
175	61.3	405.5	19,500	86,700								175
180	59.9	402.6	18,100	83,400								180
185	58.5	399.6	16,800	80,300								185
190	57.0	396.3	15,500	77,400								190
195	55.5	392.9	14,300	74,600								195
200	54.1	389.3	13,100	72,000								200
205	52.5	385.5	12,100	69,600	57.4	391.8	3,800	63,200				205
210	51.0	381.5	11,000	67,200	56.0	388.5	3,000	61,000				210
215	49.4	377.2	10,000	65,000	54.5	384.9	2,200	58,900				215
220	47.7	372.7	9,100	62,800	53.0	381.1		57,000				220
225	46.1	367.9	8,200	60,800	51.4	377.2		55,100				225
230	44.3	362.8	7,300	58,900	49.8	373.0		53,300				230
235	42.5	357.4	6,500	57,000	48.2	368.5		51,500				235
240	40.7	351.7	5,700	55,200	46.5	363.8		49,900	51.7	371.0	44,700	240
245	38.8	345.5	4,900	53,500	44.8	358.9		48,300	50.1	366.9	43,200	245
250	36.8	338.9	4,200	51,900	43.1	353.5		46,800	48.5	362.5	41,800	250
255	34.7	331.8	3,500	50,300	41.2	347.9		45,300	46.8	357.8	40,400	255
260	32.4	324.1	2,800	48,800	39.3	341.9		43,900	45.1	352.9	39,100	260
265	30.0	315.6	2,100	47,400	37.4	335.4		42,600	43.4	347.6	37,900*	265
270	27.5	306.3		45,900	35.3	328.4		41,300	41.6	342.1	36,500*	270
275	24.6	295.8		44,600	33.1	320.9		40,000	39.7	336.1	35,300*	275
280	21.5	283.6		43,300	30.7	312.7		38,800	37.7	329.7	34,000*	280
285	17.7	269.1		42,000	28.2	303.6		37,600	35.6	322.9	32,800*	285
290	13.0	250.1		40,700	25.5	293.5		36,500	33.5	315.4	31,700*	290
295	4.2	214.3		39,400	22.4	281.9		35,400	31.2	307.3	30,600*	295
300					18.9	268.1		34,300	28.7	298.4	29,500*	300
305					14.5	250.8		33,200	26.0	288.5	28,400*	305
310					7.9	223.9		32,100	23.0	277.2	27,400*	310
315									19.6	263.9	26,300*	315
320									15.4	247.4	25,300*	320
325									9.4	223.4	24,300*	325

Liftcrane Luffing Jib Capacities

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

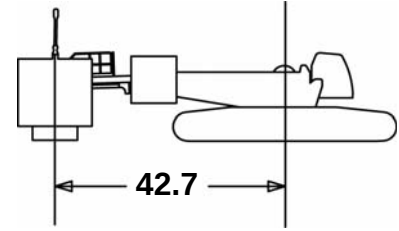
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



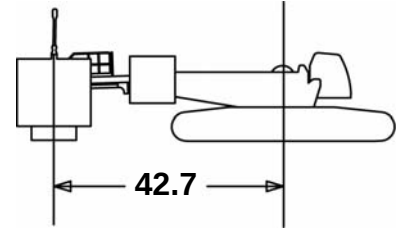
16000 MAX-ER

196.9 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	68.0	442.8	75,400	85,200*	70.5	445.6	66,100	85,600*					120
125	66.8	440.6	70,800	83,000*	69.3	443.8	62,000	85,400*					125
130	65.6	438.4	66,700	80,800*	68.1	441.8	58,100	85,300*					130
135	64.3	436.0	62,800	78,600*	66.9	439.6	54,600	85,000*					135
140	63.1	433.4	59,200	76,300*	65.7	437.4	51,400	84,800*					140
145	61.8	430.8	55,900	74,100*	64.4	435.0	48,400	84,500*	66.9	438.0	40,800	81,400*	145
150	60.5	427.9	52,900	71,800*	63.2	432.5	45,600	84,200*	65.7	435.8	38,300	81,400*	150
155	59.2	425.0	50,000	69,600*	61.9	429.8	43,000	84,000*	64.5	433.4	36,000	81,400*	155
160	57.9	421.9	47,300	67,300*	60.6	427.0	40,500	83,200*	63.2	430.9	33,800	81,400*	160
165	56.6	418.6	44,800	65,100*	59.3	424.0	38,200	81,100*	62.0	428.2	31,700	81,300*	165
170	55.2	415.1	42,500	63,000*	58.0	420.9	36,100	79,000*	60.7	425.4	29,800	81,200*	170
175	53.8	411.5	40,300	60,900*	56.6	417.6	34,100	76,800*	59.4	422.5	27,900	81,100*	175
180	52.4	407.6	38,200	58,800*	55.3	414.2	32,200	74,600*	58.1	419.4	26,200	80,900*	180
185	51.0	403.6	36,200	56,800*	53.9	410.5	30,400	72,300*	56.7	416.1	24,600	80,800*	185
190	49.5	399.3	34,400	54,900*	52.5	406.7	28,700	70,100*	55.4	412.7	23,100	80,600*	190
195	48.0	394.9	32,600	53,000*	51.1	402.7	27,100	67,900*	54.0	409.0	21,600	80,200	195
200	46.5	390.1	30,900	51,300*	49.6	398.5	25,600	65,800*	52.6	405.2	20,300	77,400	200
205	44.9	385.1	29,300	49,500*	48.1	394.0	24,100	63,600*	51.1	401.2	18,900	74,800	205
210	43.2	379.9	27,800	47,900*	46.6	389.3	22,700	61,600*	49.7	397.0	17,700	72,300	210
215	41.6	374.3	26,400	46,300*	45.0	384.3	21,400	59,600*	48.2	392.5	16,500	69,900	215
220	39.8	368.4	25,000	44,900*	43.4	379.1	20,200	57,600*	46.6	387.9	15,400	67,600	220
225	38.0	362.0	23,700	43,500*	41.7	373.5	19,000	55,700*	45.1	382.9	14,300	65,400	225
230	36.1	355.3	22,400	42,100*	39.9	367.6	17,800	53,900*	43.4	377.7	13,300	63,400	230
235	34.2	348.0	21,200	40,900*	38.1	361.3	16,700	52,200*	41.8	372.1	12,300	61,400	235
240	32.1	340.2	20,000	39,700*	36.3	354.6	15,700	50,600*	40.0	366.2	11,300	59,500	240
245	29.9	331.7	18,900	38,700*	34.3	347.4	14,600	49,000*	38.2	359.9	10,400	57,700	245
250	27.5	322.3	17,800	37,700*	32.2	339.6	13,700	47,500*	36.4	353.2	9,500	55,900	250
255	24.9	311.9	16,800	36,800*	30.0	331.1	12,700	46,100*	34.4	346.0	8,700	53,900*	255
260	22.0	300.0	15,700	36,100*	27.7	321.8	11,800	44,800*	32.3	338.3	7,800	51,800*	260
265	18.7	286.2	14,700	35,500*	25.1	311.5	10,900	43,600*	30.1	329.8	7,000	49,800*	265
270	14.7	268.9	13,700	35,100*	22.2	299.7	10,000	42,500*	27.8	320.6	6,300	47,900*	270
275	9.0	243.7	12,700	32,200*	19.0	286.0	9,200	41,600*	25.2	310.3	5,500	46,100*	275
280					15.0	269.0	8,300	38,900*	22.4	298.6	4,800	44,300*	280
285					9.4	244.7	7,400	34,300*	19.1	285.0	4,000	42,500*	285
290									15.2	268.3	3,300	40,700*	290
295									9.8	244.6	2,500	36,200*	295
300													300
305													305
310													310
315													315
320													320
325													325
330													330
335													335
340													340
345													345

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
120											120
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170											170
175											175
180	62.4	425.2	16,400	74,000*							180
185	61.1	422.5	15,000	74,000*							185
190	59.8	419.6	13,800	74,000*							190
195	58.5	416.5	12,600	73,300							195
200	57.2	413.3	11,500	70,700							200
205	55.9	409.9	10,400	68,200							205
210	54.5	406.4	9,400	65,900							210
215	53.1	402.6	8,400	63,600	57.6	408.8	57,500				215
220	51.7	398.7	7,400	61,500	56.2	405.5	55,500				220
225	50.2	394.6	6,600	59,500	54.9	402.0	53,600				225
230	48.7	390.2	5,700	57,600	53.5	398.3	51,800				230
235	47.2	385.6	4,900	55,700	52.1	394.4	50,100				235
240	45.6	380.7	4,100	53,900	50.6	390.3	48,500				240
245	44.0	375.6	3,300	52,200	49.1	386.0	46,900				245
250	42.4	370.2	2,600	50,600	47.6	381.5	45,400	52.3	388.2	40,200*	250
255	40.7	364.4	1,900	49,100	46.1	376.7	44,000	50.9	384.2	38,700*	255
260	38.9	358.3		47,600	44.5	371.7	42,600	49.4	379.9	37,300*	260
265	37.1	351.7		46,100	42.9	366.3	41,200	47.9	375.5	35,900*	265
270	35.1	344.7		44,700	41.2	360.6	39,900	46.4	370.7	34,600*	270
275	33.1	337.2		43,400	39.4	354.6	38,700	44.8	365.7	33,400*	275
280	31.0	329.0		42,100	37.6	348.2	37,500	43.2	360.4	32,200*	280
285	28.7	320.1		40,800	35.7	341.3	36,400	41.5	354.8	31,000*	285
290	26.2	310.2		39,600	33.7	334.0	35,200	39.7	348.9	29,800*	290
295	23.5	299.1		38,500	31.6	326.0	34,200	37.9	342.5	28,700*	295
300	20.4	286.3		37,300	29.3	317.3	33,100	36.0	335.7	27,700*	300
305	16.8	270.9		36,200	26.9	307.7	32,000*	34.1	328.5	26,600*	305
310	12.1	250.6		35,100	24.3	297.0	30,900*	32.0	320.6	25,600*	310
315	2.5	208.1		33,900*	21.3	284.7	29,800*	29.7	312.0	24,700*	315
320					17.9	270.2	28,700*	27.4	302.6	23,700*	320
325					13.6	251.7	27,700*	24.8	292.1	22,800*	325
330					6.9	222.4	26,500*	21.9	280.2	21,900*	330
335								18.5	266.1	21,000*	335
340								14.4	248.6	20,100*	340
345								8.5	222.6	19,100*	345

Liftcrane Luffing Jib Capacities

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

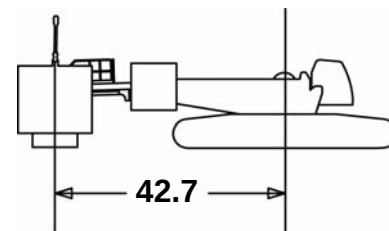
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



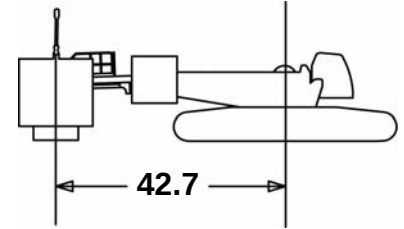
16000 MAX-ER

196.9 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	67.4	459.9	65,000	73,300*	69.7	462.9	56,300	72,900*					130
135	66.3	457.7	61,200	71,600*	68.6	461.0	52,800	72,600*					135
140	65.1	455.4	57,600	69,900*	67.5	458.9	49,500	72,300*					140
145	64.0	453.0	54,300	68,100*	66.4	456.7	46,500	72,000*					145
150	62.8	450.4	51,200	66,200*	65.2	454.4	43,700	71,700*	67.6	457.3	36,300	69,200*	150
155	61.6	447.7	48,300	64,400*	64.1	452.0	41,100	71,400*	66.4	455.1	34,000	69,100*	155
160	60.4	444.9	45,700	62,600*	62.9	449.4	38,700	71,100*	65.3	452.9	31,800	69,000*	160
165	59.2	441.9	43,200	60,800*	61.7	446.7	36,400	70,700*	64.1	450.4	29,700	68,900*	165
170	58.0	438.8	40,800	59,100*	60.5	443.9	34,300	70,400*	63.0	447.9	27,800	68,700*	170
175	56.8	435.5	38,600	57,300*	59.3	441.0	32,300	70,000*	61.8	445.2	26,000	68,500*	175
180	55.5	432.1	36,500	55,600*	58.1	437.9	30,400	69,100*	60.6	442.4	24,300	68,400*	180
185	54.2	428.5	34,600	53,800*	56.9	434.6	28,600	67,400*	59.4	439.4	22,700	68,200*	185
190	52.9	424.8	32,700	52,200*	55.6	431.2	26,900	65,600*	58.2	436.3	21,200	67,900*	190
195	51.6	420.8	31,000	50,600*	54.3	427.6	25,300	63,900*	56.9	433.1	19,700	67,700*	195
200	50.3	416.7	29,300	49,000*	53.0	423.9	23,800	62,100*	55.7	429.7	18,400	67,500*	200
205	48.9	412.4	27,700	47,400*	51.7	419.9	22,400	60,400*	54.4	426.1	17,100	67,300*	205
210	47.5	407.8	26,200	46,000*	50.3	415.8	21,000	58,600*	53.1	422.4	15,800	67,000*	210
215	46.0	403.0	24,800	44,500*	49.0	411.5	19,700	56,900*	51.8	418.5	14,600	66,800*	215
220	44.6	398.0	23,400	43,200*	47.6	407.0	18,400	55,200*	50.4	414.3	13,500	66,100	220
225	43.0	392.6	22,100	41,900*	46.1	402.2	17,200	53,600*	49.0	410.0	12,400	64,000	225
230	41.5	387.0	20,800	40,600*	44.7	397.1	16,100	52,000*	47.6	405.5	11,400	61,900	230
235	39.9	381.1	19,600	39,400*	43.1	391.9	15,000	50,500*	46.2	400.7	10,400	59,900	235
240	38.2	374.8	18,500	38,300*	41.6	386.3	14,000	49,000*	44.7	395.7	9,500	58,000	240
245	36.5	368.1	17,300	37,100*	40.0	380.4	13,000	47,500*	43.2	390.4	8,600	56,200	245
250	34.7	361.0	16,300	36,100*	38.3	374.1	12,000	46,100*	41.7	384.9	7,700	54,500*	250
255	32.7	353.4	15,300	35,200*	36.6	367.4	11,100	44,800*	40.1	379.0	6,900	52,400*	255
260	30.7	345.1	14,300	34,300*	34.8	360.3	10,200	43,500*	38.4	372.7	6,100	50,300*	260
265	28.6	336.1	13,300	33,500*	32.9	352.7	9,300	42,300*	36.7	366.1	5,300	48,400*	265
270	26.3	326.3	12,400	32,700*	30.9	344.5	8,500	41,100*	34.9	359.0	4,500	46,500*	270
275	23.8	315.3	11,500	32,100*	28.8	335.6	7,600	40,100*	33.0	351.4	3,800	44,700*	275
280	21.0	302.9	10,600	31,500*	26.5	325.8	6,900	39,100*	31.0	343.2	3,100	43,000*	280
285	17.8	288.2	9,700	31,100*	24.0	314.9	6,100	37,800*	28.9	334.4	2,400	41,300*	285
290	13.9	270.0	8,900	29,700*	21.2	302.6	5,300	36,300*	26.6	324.6	1,800	39,600*	290
295	8.1	242.9	8,000	25,400*	18.0	288.1	4,600	34,800*	24.1	313.8		38,000*	295
300					14.1	270.1	3,800	31,500*	21.4	301.5		36,500*	300
305					8.6	244.1	3,100	27,300*	18.2	287.2		35,000*	305
310									14.4	269.5		33,100*	310
315									9.0	244.1		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
 137,850 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170											170
175											175
180											180
185											185
190	62.2	442.2	11,600	62,600*							190
195	61.0	439.4	10,500	62,600*							195
200	59.8	436.5	9,300	62,600*							200
205	58.6	433.5	8,300	62,600*							205
210	57.4	430.3	7,300	62,600*							210
215	56.1	427.0	6,300	62,000							215
220	54.9	423.5	5,400	59,900							220
225	53.6	419.8	4,500	57,900	57.7	425.8	51,900				225
230	52.2	415.9	3,700	55,900	56.5	422.5	50,100				230
235	50.9	411.9	2,900	54,100	55.2	419.0	48,400				235
240	49.5	407.6	2,100	52,300	53.9	415.4	46,800				240
245	48.2	403.2		50,700	52.6	411.6	45,200				245
250	46.7	398.5		49,000	51.3	407.6	43,700				250
255	45.3	393.6		47,500	49.9	403.4	42,300				255
260	43.8	388.4		46,000	48.6	399.0	40,900	52.9	405.4	34,800*	260
265	42.2	382.9		44,600	47.1	394.4	39,600	51.5	401.5	33,500*	265
270	40.7	377.2		43,200	45.7	389.6	38,300	50.2	397.3	32,200*	270
275	39.0	371.1		41,900	44.2	384.5	37,100	48.8	393.0	31,000*	275
280	37.3	364.6		40,600	42.7	379.1	35,800*	47.4	388.4	29,800*	280
285	35.5	357.7		39,400	41.1	373.4	34,600*	46.0	383.6	28,600*	285
290	33.7	350.3		38,200	39.5	367.4	33,300*	44.5	378.5	27,500*	290
295	31.7	342.3		37,000	37.8	361.0	32,100*	43.0	373.2	26,400*	295
300	29.7	333.7		35,900	36.0	354.2	31,000*	41.4	367.6	25,400*	300
305	27.4	324.3		34,800	34.2	347.0	29,900*	39.8	361.6	24,400*	305
310	25.0	313.9		33,800	32.3	339.2	28,800*	38.1	355.3	23,400*	310
315	22.4	302.2		32,700	30.3	330.8	27,700*	36.4	348.6	22,400*	315
320	19.4	288.8		31,700	28.1	321.6	26,700*	34.5	341.4	21,500*	320
325	15.9	272.5		30,700	25.7	311.5	25,700*	32.6	333.7	20,600*	325
330	11.3	250.9		29,800	23.2	300.3	24,700*	30.6	325.5	19,700*	330
335					20.3	287.4	23,800*	28.5	316.5	18,800*	335
340					17.0	272.1	22,800*	26.2	306.5	18,000*	340
345					12.8	252.5	21,900*	23.7	295.5	17,200*	345
350					6.0	220.4	20,900*	20.9	283.0	16,400*	350
355								17.6	268.2	15,600*	355
360								13.6	249.6	14,800*	360
365								7.7	221.6	13,900*	365

Liftcrane Luffing Jib Capacities

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

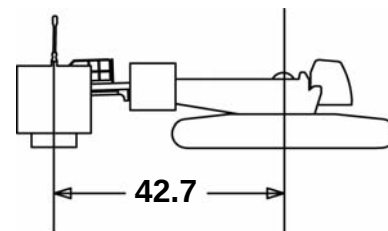
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



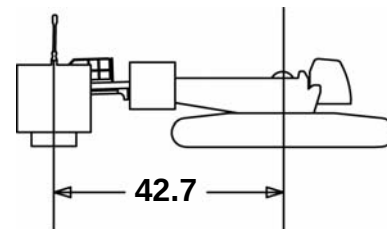
16000 MAX-ER

216.5 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	
50	72.0	300.2	260,000	297,200*d									50
55	68.1	298.1	230,600	287,000*c									55
60	64.0	295.7	206,800	269,100*b									60
65	59.8	292.9	187,100	249,500*b	69.1	297.5	170,300	293,900*c					65
70	55.4	289.5	170,500	233,100*b	65.1	295.2	155,200	284,800*b					70
75	50.8	285.4	156,300	219,500*	61.0	292.4	142,300	276,500*b					75
80	45.7	280.7	144,100	208,100*	56.6	289.2	131,100	263,600*b	66.2	294.0	118,000	268,500c	80
85	40.2	274.9	133,400	198,800*	52.1	285.3	121,400	246,800*	62.0	291.3	109,200	249,000b	85
90	33.9	267.8	123,900	191,600*	47.1	280.8	112,800	232,900*	57.8	288.2	101,400	232,100b	90
95	26.2	258.5	115,400	183,700*	41.8	275.3	105,100	221,400*	53.2	284.5	94,500	217,200b	95
100	14.7	243.6	107,400	179,100*	35.7	268.7	98,200	211,800	48.4	280.2	88,300	203,900	100
105					28.5	260.1	91,900	199,400	43.2	275.0	82,700	192,100	105
110					18.6	247.5	86,000	185,900*	37.3	268.7	77,600	181,400	110
115									30.4	260.6	72,900	171,700	115
120									21.5	249.5	68,400	162,800	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
 137,850 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.	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	
50													50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105	60.8	286.1	66,900	179,700 ^b									105
110	56.4	282.8	62,700	169,700 ^b									110
115	51.8	278.9	58,800	160,700 ^b									115
120	46.9	274.4	55,300	152,600									120
125	41.5	268.9	52,100	145,100									125
130	35.4	262.1	49,000	138,200	54.7	275.4	36,800	128,700 ^b					130
135	28.1	253.4	46,100	131,800	50.0	271.3	34,600	122,800					135
140	18.0	240.5	43,300	125,800	44.9	266.4	32,500	117,400					140
145					39.2	260.5	30,500	112,400					145
150					32.8	253.1	28,700	107,600	52.4	265.9	18,500	99,800 ^b	150
155					24.7	243.2	26,800	103,200	47.5	261.4	17,200	95,800	155
160					11.7	226.1	24,800	98,800	42.1	256.0	16,000	92,000	160
165									36.1	249.4	14,700	88,400	165
170									29.0	241.0	13,500	85,000	170
175									19.4	228.8	12,300	81,700	175

Liftcrane Luffing Jib Capacities

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

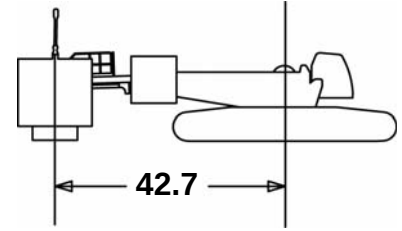
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



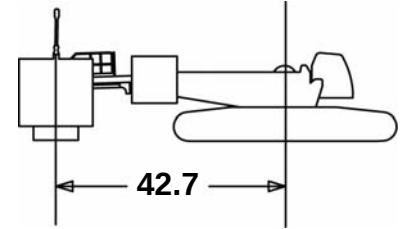
16000 MAX-ER

216.5 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	
55	72.7	319.3	230,500	263,700*c									55
60	69.6	317.4	206,600	252,300*b									60
65	66.4	315.2	186,800	240,000*b									65
70	63.1	312.7	170,200	227,200*b	70.4	316.7	154,400	261,700*b					70
75	59.8	309.8	156,100	213,200*	67.2	314.6	141,500	254,400*b					75
80	56.3	306.5	143,900	201,000*	64.0	312.2	130,400	247,300*b					80
85	52.6	302.7	133,300	190,100*	60.7	309.4	120,700	240,400*b					85
90	48.8	298.4	123,900	178,900*	57.2	306.2	112,200	228,000*	64.8	311.0	100,300	231,000b	90
95	44.7	293.4	115,600	168,600*	53.6	302.5	104,600	215,600*	61.5	308.3	93,500	216,200b	95
100	40.2	287.7	108,200	159,200*	49.8	298.4	97,800	203,600*	58.1	305.2	87,300	203,000	100
105	35.3	280.9	101,500	150,900*	45.8	293.6	91,700	192,200*	54.6	301.7	81,800	191,200	105
110	29.7	272.5	95,300	143,800*	41.5	288.1	86,200	181,500*	50.8	297.6	76,900	180,700	110
115	22.7	261.6	89,700	138,400*	36.7	281.6	81,100	171,600*	46.9	293.0	72,300	171,100	115
120	12.0	244.0	84,200	136,200*	31.3	273.7	76,500	163,000*	42.6	287.7	68,100	162,400	120
125					24.8	263.7	72,100	155,700*	38.0	281.5	64,300	154,500	125
130					15.7	248.9	68,000	150,600*	32.7	274.0	60,700	147,200	130
135									26.6	264.7	57,400	140,400	135
140									18.4	251.6	54,200	134,100	140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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.	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	
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115	60.5	303.0	57,500	159,500									115
120	57.1	299.8	54,000	151,400									120
125	53.5	296.1	50,900	144,000									125
130	49.7	292.0	48,000	137,300									130
135	45.6	287.2	45,300	131,000									135
140	41.3	281.6	42,800	125,200	55.7	292.5	31,100	116,200					140
145	36.5	275.0	40,400	119,900	52.0	288.6	29,200	111,200					145
150	31.0	267.1	38,200	114,900	48.1	284.2	27,500	106,600					150
155	24.4	257.0	36,000	110,200	44.0	279.1	25,800	102,300					155
160	15.1	241.8	33,800	105,700	39.5	273.2	24,300	98,300					160
165					34.5	266.2	22,800	94,500	50.1	279.0	13,300	87,200	165
170					28.6	257.6	21,300	90,900	46.1	274.2	12,200	83,900	170
175					21.3	246.1	19,900	87,500	41.8	268.7	11,200	80,800	175
180					9.0	225.5	18,300	84,100	37.0	262.3	10,300	77,900	180
185									31.7	254.6	9,300	75,100	185
190									25.2	244.7	8,400	72,500	190
195									16.4	230.5	7,300	69,800	195

Liftcrane Luffing Jib Capacities

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

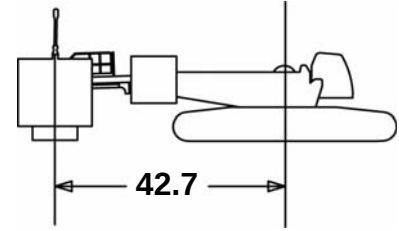
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



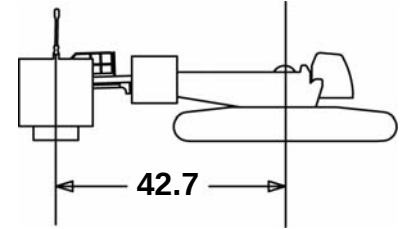
16000 MAX-ER

216.5 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	70.5	336.6	185,900	217,200*b									65
70	67.9	334.5	169,200	207,700*b									70
75	65.2	332.2	155,100	197,800*									75
80	62.5	329.7	142,900	187,800*	68.6	333.9	128,800	228,600*b					80
85	59.7	326.8	132,200	177,800*	66.0	331.6	119,100	220,500*b					85
90	56.8	323.5	122,900	168,200*	63.3	329.1	110,600	211,400*					90
95	53.8	319.9	114,600	158,900*	60.5	326.3	103,100	201,900*	66.6	330.4	91,600	214,500b	95
100	50.7	315.8	107,200	150,100*	57.6	323.2	96,400	192,100*	64.0	328.0	85,500	201,400	100
105	47.4	311.3	100,600	141,900*	54.6	319.6	90,300	182,400*	61.2	325.2	80,100	189,700	105
110	44.0	306.2	94,600	134,300*	51.6	315.7	84,900	173,000*	58.3	322.2	75,100	179,200	110
115	40.3	300.4	89,100	127,400*	48.3	311.3	79,900	163,800*	55.4	318.7	70,600	169,700	115
120	36.2	293.8	84,100	121,100*	44.9	306.4	75,400	155,200*	52.4	314.9	66,600	161,000	120
125	31.7	286.0	79,500	115,600*	41.3	300.8	71,200	147,100*	49.2	310.6	62,800	153,200	125
130	26.6	276.6	75,200	110,900*	37.3	294.4	67,300	139,500*	45.8	305.9	59,300	146,000	130
135	20.1	264.2	71,100	107,500*	33.0	287.0	63,800	132,700*	42.2	300.5	56,100	139,300	135
140	9.9	243.7	67,200	106,600*	28.0	278.1	60,400	126,700*	38.4	294.3	53,100	133,200	140
145					22.0	266.7	57,200	121,800*	34.2	287.1	50,300	127,500	145
150					13.5	249.8	54,100	118,600*	29.4	278.7	47,700	122,200	150
155									23.7	268.1	45,200	117,200	155
160									16.1	253.2	42,700	112,500	160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
215													215

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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.	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													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125	60.3	320.0	48,800	142,300									125
130	57.5	316.8	45,900	135,600									130
135	54.5	313.3	43,300	129,400									135
140	51.4	309.3	40,900	123,700									140
145	48.2	304.9	38,600	118,400									145
150	44.8	300.0	36,500	113,500	56.3	309.5	25,200	104,800					150
155	41.1	294.3	34,500	108,900	53.3	305.8	23,600	100,500					155
160	37.2	287.9	32,600	104,600	50.2	301.7	22,200	96,600					160
165	32.8	280.4	30,800	100,600	46.9	297.1	20,800	92,900					165
170	27.8	271.4	29,100	96,800	43.4	291.9	19,400	89,400					170
175	21.7	259.9	27,400	93,200	39.6	286.0	18,200	86,100	51.8	296.3	8,900	79,000	175
180	13.0	242.6	25,700	89,700	35.5	279.2	17,000	83,000	48.5	291.9	8,000	76,100	180
185					31.0	271.2	15,800	80,000	45.1	287.0	7,200	73,400	185
190					25.6	261.4	14,700	77,200	41.5	281.5	6,400	70,900	190
195					18.8	248.3	13,500	74,500	37.6	275.2	5,600	68,400	195
200					6.6	223.7	12,200	71,800	33.3	267.8	4,800	66,100	200
205									28.4	259.0	4,100	63,900	205
210									22.5	247.9	3,300	61,700	210
215									14.2	231.6	2,500	59,600	215

Liftcrane Luffing Jib Capacities

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

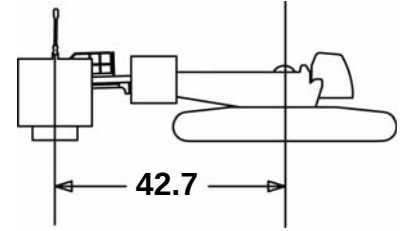
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



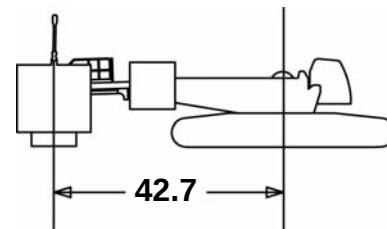
16000 MAX-ER

216.5 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	71.2	355.7	168,500	188,300* ^b									70
75	69.0	353.8	154,300	181,100*									75
80	66.7	351.6	142,000	173,500*									80
85	64.4	349.3	131,400	165,600*	69.6	353.1	118,000	198,900*					85
90	62.1	346.6	122,000	157,800*	67.3	351.0	109,500	193,300*					90
95	59.7	343.7	113,700	150,000*	65.1	348.7	101,900	186,500*					95
100	57.2	340.5	106,400	142,400*	62.7	346.1	95,200	179,400*	67.9	349.7	84,100	194,300*	100
105	54.7	337.0	99,700	135,200*	60.3	343.3	89,200	171,800*	65.6	347.5	78,600	188,400	105
110	52.0	333.1	93,700	128,200*	57.9	340.1	83,700	164,200*	63.3	344.9	73,700	177,900	110
115	49.3	328.9	88,300	121,600*	55.4	336.7	78,800	156,500*	60.9	342.2	69,300	168,500	115
120	46.5	324.2	83,300	115,500*	52.8	333.0	74,300	149,000*	58.5	339.1	65,200	159,900	120
125	43.5	319.0	78,800	109,800*	50.1	328.8	70,100	141,700*	56.0	335.8	61,500	152,000	125
130	40.3	313.2	74,600	104,500*	47.2	324.2	66,300	134,700*	53.4	332.1	58,100	144,800	130
135	36.9	306.6	70,700	99,600*	44.3	319.2	62,800	128,100*	50.7	328.0	54,900	138,200	135
140	33.1	299.2	67,100	95,300*	41.2	313.5	59,600	121,700*	48.0	323.6	52,000	132,100	140
145	29.0	290.5	63,700	91,500*	37.8	307.2	56,500	115,900*	45.0	318.7	49,200	126,500	145
150	24.1	280.0	60,500	88,400*	34.2	300.1	53,700	110,500*	42.0	313.2	46,700	121,300	150
155	18.1	266.3	57,500	86,200*	30.1	291.8	51,000	105,700*	38.7	307.1	44,300	116,400	155
160	8.0	242.7	54,400	86,000*	25.5	281.9	48,500	101,500*	35.1	300.1	42,000	111,800	160
165					19.9	269.2	46,000	98,000*	31.2	292.2	39,900	107,500	165
170					11.7	250.2	43,600	95,900*	26.8	282.7	37,900	103,500	170
175									21.5	271.0	35,900	99,700	175
180									14.2	254.4	34,000	96,000	180
185													185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 42.7 ft Position
 360 Degree Rating



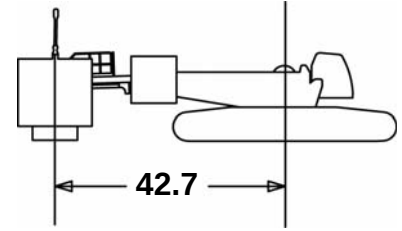
16000 MAX-ER

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	
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130	62.6	339.8	44,300	134,200									130
135	60.2	336.9	41,700	128,000									135
140	57.8	333.8	39,300	122,400									140
145	55.2	330.4	37,100	117,100									145
150	52.6	326.6	35,000	112,200									150
155	49.9	322.4	33,000	107,700									155
160	47.1	317.8	31,200	103,500	56.8	326.5	20,500	95,200					160
165	44.1	312.7	29,500	99,500	54.2	323.0	19,100	91,500					165
170	41.0	307.1	27,900	95,800	51.6	319.0	17,800	88,000					170
175	37.7	300.7	26,300	92,200	48.9	314.7	16,600	84,800					175
180	34.0	293.5	24,800	88,900	46.0	309.9	15,500	81,700					180
185	30.0	285.2	23,400	85,800	43.0	304.6	14,400	78,900	52.9	313.5	5,400	72,000	185
190	25.3	275.2	22,100	82,800	39.7	298.7	13,300	76,100	50.2	309.4	4,700	69,500	190
195	19.6	262.4	20,700	80,000	36.3	292.1	12,300	73,500	47.4	304.8	4,000	67,100	195
200	11.2	242.8	19,300	77,200	32.5	284.5	11,400	71,000	44.5	299.8	3,200	64,800	200
205					28.2	275.6	10,400	68,700	41.4	294.2	2,600	62,700	205
210					23.3	264.7	9,500	66,400	38.0	288.0	1,900	60,600	210
215					16.9	250.1	8,600	64,200	34.4	280.9		58,600	215
220					4.2	220.1	7,400	61,900	30.4	272.6		56,700	220
225									25.8	262.9		54,900	225
230									20.3	250.5		53,200	230
235									12.4	232.1		51,400	235

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
137,850 lb Hanging Counterweight
at 42.7 ft Position
360 Degree Rating



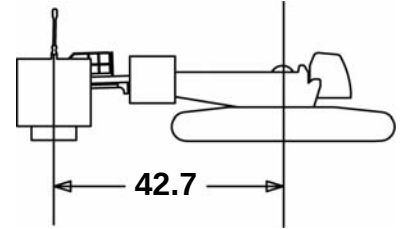
16000 MAX-ER

216.5 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	69.8	373.0	140,700	158,100*									80
85	67.8	371.0	130,100	152,300*									85
90	65.8	368.7	120,700	146,200*	70.3	372.2	107,800	170,200*					90
95	63.8	366.3	112,400	140,000*	68.4	370.3	100,200	169,400*					95
100	61.8	363.6	105,000	133,800*	66.4	368.1	93,500	164,500*					100
105	59.6	360.7	98,400	127,700*	64.4	365.7	87,500	159,000*					105
110	57.5	357.5	92,400	121,700*	62.3	363.1	82,100	153,300*	66.9	366.8	71,800	166,000*	110
115	55.3	354.0	87,000	115,900*	60.2	360.2	77,100	147,400*	64.9	364.5	67,300	166,000*	115
120	53.0	350.3	82,000	110,400*	58.1	357.1	72,700	141,300*	62.8	361.9	63,300	158,300	120
125	50.7	346.2	77,500	105,100*	55.9	353.8	68,500	135,200*	60.8	359.1	59,600	150,400	125
130	48.2	341.8	73,300	100,100*	53.6	350.1	64,800	129,300*	58.6	356.1	56,200	143,300	130
135	45.7	337.0	69,500	95,400*	51.3	346.1	61,300	123,400*	56.4	352.8	53,100	136,700	135
140	43.1	331.7	65,900	91,100*	48.9	341.8	58,000	117,700*	54.2	349.2	50,200	130,700	140
145	40.3	325.9	62,600	87,000*	46.4	337.1	55,000	112,300*	51.9	345.3	47,500	125,000	145
150	37.3	319.5	59,500	83,200*	43.8	332.0	52,200	107,100*	49.5	341.1	45,000	119,800	150
155	34.1	312.3	56,600	79,800*	41.1	326.3	49,600	102,200*	47.1	336.5	42,600	115,000	155
160	30.6	304.1	53,900	76,800*	38.1	320.0	47,200	97,600*	44.5	331.5	40,400	110,500	160
165	26.7	294.6	51,300	74,100*	35.0	313.1	44,800	93,300*	41.8	325.9	38,300	106,200	165
170	22.2	283.1	48,800	71,900*	31.6	305.2	42,700	89,500*	38.9	319.9	36,400	102,200	170
175	16.4	268.0	46,400	70,500*	27.8	296.1	40,600	86,000*	35.8	313.1	34,500	98,500	175
180	6.3	240.8	44,000	70,500*	23.5	285.2	38,600	82,900*	32.5	305.4	32,800	95,000	180
185					18.1	271.4	36,700	80,500*	28.8	296.7	31,100	91,600	185
190					10.2	250.1	34,700	79,100*	24.7	286.3	29,500	88,400	190
195									19.6	273.5	27,900	85,400	195
200									12.7	255.1	26,300	82,500	200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
255													255

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80												80
85												85
90												90
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140	62.2	356.7	37,100	120,600								140
145	60.1	353.9	34,900	115,400								145
150	58.0	350.8	32,900	110,500								150
155	55.8	347.4	31,000	106,000								155
160	53.5	343.7	29,200	101,800								160
165	51.2	339.7	27,500	97,900								165
170	48.8	335.4	25,900	94,200	57.1	343.5	15,500	86,200				170
175	46.3	330.7	24,400	90,700	54.9	340.0	14,400	83,000				175
180	43.7	325.5	23,000	87,400	52.6	336.2	13,300	80,000				180
185	40.9	319.8	21,600	84,300	50.3	332.1	12,200	77,100				185
190	38.0	313.5	20,400	81,400	47.8	327.6	11,200	74,400				190
195	34.9	306.5	19,100	78,600	45.3	322.8	10,300	71,800				195
200	31.5	298.6	18,000	76,000	42.6	317.4	9,400	69,400	51.5	326.7	62,900	200
205	27.7	289.4	16,800	73,500	39.8	311.5	8,500	67,100	49.1	322.4	60,800	205
210	23.3	278.5	15,700	71,100	36.8	305.0	7,700	64,900	46.6	317.7	58,800	210
215	17.9	264.5	14,600	68,800	33.6	297.6	6,900	62,800	44.0	312.6	56,900	215
220	9.7	242.5	13,400	66,500	30.0	289.2	6,100	60,800	41.2	307.0	55,000	220
225					26.1	279.5	5,300	58,900	38.3	300.8	53,300	225
230					21.3	267.6	4,500	57,000	35.2	293.8	51,600	230
235					15.2	251.6	3,700	55,200	31.8	286.0	50,000	235
240									28.1	277.0	48,400	240
245									23.8	266.3	46,900	245
250									18.5	252.7	45,400	250
255									10.9	232.3	43,900	255

Liftcrane Luffing Jib Capacities

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

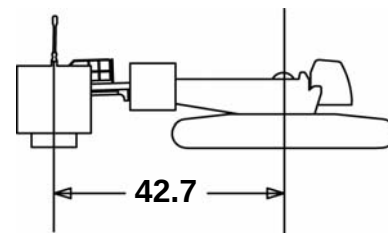
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



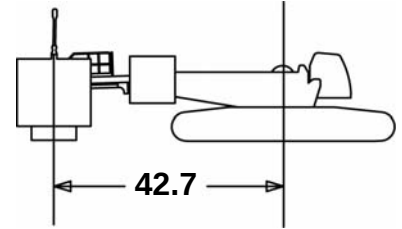
16000 MAX-ER

216.5 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	68.7	390.2	119,600	134,200*									90
95	66.9	388.1	111,300	129,500*	70.9	391.4	98,900	145,900*					95
100	65.1	385.7	103,900	124,600*	69.2	389.5	92,200	145,900*					100
105	63.3	383.2	97,200	119,700*	67.4	387.4	86,100	145,200*					105
110	61.5	380.5	91,200	114,700*	65.6	385.1	80,700	141,100*					110
115	59.6	377.6	85,800	109,900*	63.8	382.7	75,800	136,700*	67.9	386.1	65,800	141,100*	115
120	57.7	374.5	80,900	105,100*	62.0	380.0	71,300	132,200*	66.1	383.9	61,800	141,100*	120
125	55.8	371.1	76,300	100,500*	60.1	377.2	67,200	127,500*	64.3	381.5	58,100	141,100*	125
130	53.8	367.5	72,200	96,000*	58.2	374.1	63,400	122,700*	62.5	378.9	54,700	141,100*	130
135	51.7	363.5	68,300	91,800*	56.3	370.8	59,900	117,900*	60.6	376.1	51,600	135,400	135
140	49.6	359.3	64,800	87,700*	54.3	367.2	56,700	113,100*	58.7	373.1	48,700	129,400	140
145	47.4	354.7	61,500	83,800*	52.3	363.4	53,700	108,300*	56.8	369.8	46,000	123,800	145
150	45.1	349.8	58,400	80,200*	50.2	359.2	51,000	103,800*	54.8	366.3	43,500	118,600	150
155	42.8	344.5	55,500	76,800*	48.0	354.8	48,400	99,300*	52.8	362.5	41,200	113,800	155
160	40.3	338.7	52,900	73,600*	45.8	349.9	45,900	95,000*	50.7	358.5	39,000	109,300	160
165	37.7	332.3	50,300	70,700*	43.4	344.7	43,700	91,000*	48.6	354.1	37,000	105,000	165
170	34.9	325.3	48,000	67,900*	41.0	339.0	41,500	87,100*	46.3	349.4	35,000	101,100	170
175	31.9	317.4	45,700	65,500*	38.4	332.8	39,500	83,500*	44.0	344.2	33,200	97,400	175
180	28.6	308.6	43,600	63,300*	35.7	326.0	37,600	80,000*	41.6	338.7	31,500	93,900	180
185	24.9	298.3	41,500	61,300*	32.7	318.4	35,700	76,800*	39.1	332.6	29,900	90,600	185
190	20.5	285.8	39,600	59,800*	29.5	309.8	34,000	74,000*	36.4	326.0	28,300	87,400	190
195	15.0	269.4	37,600	58,900*	25.9	300.0	32,300	71,400*	33.5	318.6	26,800	84,500	195
200	4.6	237.6	35,600	58,900*	21.8	288.2	30,700	69,200*	30.3	310.3	25,400	81,700	200
205					16.7	273.2	29,100	67,400*	26.9	300.8	24,100	79,000	205
210					8.8	249.5	27,500	66,600*	22.9	289.6	22,800	76,400	210
215									18.1	275.6	21,500	74,000	215
220									11.4	255.4	20,100	71,600	220
225													225
230													230
235													235
240													240
245													245
250													250
255													255
260													260
265													265
270													270
275													275

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90												90
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150	61.9	373.7	31,200	109,100								150
155	60.1	370.8	29,300	104,600								155
160	58.2	367.7	27,500	100,400								160
165	56.2	364.4	25,900	96,500								165
170	54.2	360.8	24,300	92,800								170
175	52.2	357.0	22,800	89,400								175
180	50.1	352.8	21,400	86,100	57.4	360.5	11,500	78,500				180
185	47.9	348.4	20,100	83,100	55.4	357.1	10,500	75,700				185
190	45.7	343.5	18,900	80,200	53.4	353.4	9,500	73,000				190
195	43.3	338.3	17,700	77,400	51.4	349.4	8,600	70,500				195
200	40.9	332.6	16,500	74,800	49.2	345.2	7,700	68,100				200
205	38.3	326.3	15,400	72,400	47.0	340.5	6,900	65,800				205
210	35.5	319.5	14,400	70,000	44.8	335.6	6,100	63,600	52.4	343.9	57,300	210
215	32.6	311.8	13,400	67,800	42.4	330.1	5,300	61,500	50.3	339.8	55,400	215
220	29.4	303.2	12,400	65,600	39.9	324.2	4,500	59,600	48.1	335.4	53,600	220
225	25.8	293.3	11,500	63,600	37.2	317.8	3,800	57,700	45.9	330.6	51,900	225
230	21.6	281.4	10,600	61,600	34.4	310.6	3,100	55,900	43.6	325.4	50,200	230
235	16.4	266.2	9,600	59,600	31.4	302.7	2,500	54,100	41.1	319.7	48,700	235
240	8.3	241.6	8,600	57,700	28.0	293.6	1,800	52,500	38.6	313.5	47,100	240
245					24.2	283.0		50,900	35.8	306.7	45,700	245
250					19.8	270.1		49,300	32.9	299.2	44,300	250
255					13.9	252.6		47,800	29.7	290.7	42,900	255
260									26.2	280.9	41,600	260
265									22.1	269.3	40,300	265
270									17.0	254.6	39,100	270
275									9.5	231.9	37,800	275

Liftcrane Luffing Jib Capacities

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

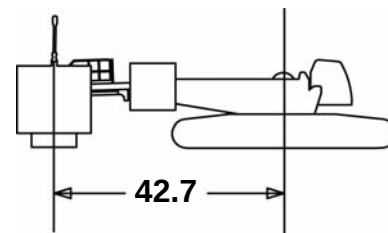
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



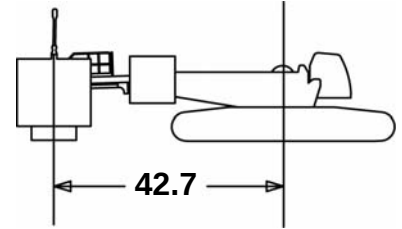
16000 MAX-ER

216.5 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	67.8	407.3	102,400	114,700*									100
105	66.2	405.1	95,800	110,900*	69.8	408.6	84,400	124,600*					105
110	64.6	402.8	89,800	107,000*	68.2	406.7	78,900	124,600*					110
115	63.0	400.2	84,300	103,100*	66.6	404.5	74,000	124,600*					115
120	61.3	397.5	79,400	99,200*	65.0	402.2	69,500	121,700*					120
125	59.6	394.6	74,800	95,300*	63.4	399.7	65,500	118,200*	67.0	403.2	56,100	120,100*	125
130	57.9	391.5	70,700	91,500*	61.7	397.0	61,700	114,600*	65.4	400.9	52,700	120,100*	130
135	56.1	388.1	66,800	87,800*	60.1	394.1	58,200	111,000*	63.8	398.5	49,600	120,100*	135
140	54.4	384.5	63,300	84,200*	58.4	391.1	55,000	107,200*	62.2	395.9	46,800	120,100*	140
145	52.5	380.7	60,000	80,700*	56.6	387.8	52,000	103,300*	60.5	393.0	44,100	120,100*	145
150	50.7	376.7	57,000	77,400*	54.8	384.3	49,300	99,500*	58.8	390.0	41,600	117,100	150
155	48.7	372.3	54,100	74,200*	53.0	380.5	46,700	95,700*	57.1	386.8	39,300	112,200	155
160	46.7	367.6	51,400	71,200*	51.2	376.5	44,300	92,000*	55.3	383.4	37,100	107,700	160
165	44.7	362.6	48,900	68,400*	49.2	372.3	42,000	88,400*	53.5	379.7	35,100	103,500	165
170	42.5	357.2	46,600	65,700*	47.3	367.7	39,900	84,900*	51.6	375.7	33,200	99,600	170
175	40.3	351.4	44,300	63,100*	45.2	362.8	37,900	81,500*	49.7	371.5	31,400	95,900	175
180	38.0	345.1	42,200	60,800*	43.1	357.5	36,000	78,200*	47.8	367.0	29,700	92,400	180
185	35.5	338.2	40,300	58,600*	40.9	351.8	34,200	75,100*	45.8	362.2	28,100	89,100	185
190	32.8	330.6	38,400	56,600*	38.6	345.6	32,500	72,200*	43.7	357.0	26,600	86,000	190
195	30.0	322.2	36,600	54,700*	36.2	338.9	30,900	69,400*	41.5	351.4	25,200	83,100	195
200	26.8	312.6	34,800	53,100*	33.6	331.5	29,300	66,800*	39.2	345.4	23,800	80,300	200
205	23.3	301.6	33,200	51,700*	30.8	323.3	27,900	64,500*	36.8	338.8	22,500	77,700	205
210	19.1	288.2	31,600	50,700*	27.7	314.1	26,400	62,300*	34.2	331.6	21,200	75,200	210
215	13.8	270.4	30,000	50,100*	24.3	303.5	25,100	60,400*	31.5	323.6	20,000	72,800	215
220	2.1	230.8	28,200	49,800*	20.4	290.9	23,800	58,700*	28.5	314.7	18,900	70,500	220
225					15.4	274.6	22,400	57,400*	25.2	304.5	17,700	68,300	225
230					7.6	248.3	21,100	56,900*	21.4	292.5	16,600	66,200	230
235									16.8	277.4	15,600	64,100	235
240									10.2	255.3	14,400	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
 137,850 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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160	61.7	390.7	25,300	98,700								160
165	60.0	387.8	23,700	94,800								165
170	58.3	384.7	22,200	91,100								170
175	56.5	381.4	20,700	87,700								175
180	54.8	377.9	19,400	84,500								180
185	52.9	374.2	18,100	81,400								185
190	51.1	370.1	16,800	78,600	57.6	377.5	7,200	71,200				190
195	49.2	365.9	15,700	75,800	55.9	374.1	6,300	68,700				195
200	47.2	361.3	14,600	73,300	54.1	370.5	5,500	66,300				200
205	45.1	356.3	13,500	70,800	52.2	366.7	4,700	64,000				205
210	43.0	351.0	12,500	68,500	50.3	362.5	3,900	61,900				210
215	40.8	345.3	11,500	66,300	48.4	358.1	3,100	59,800				215
220	38.5	339.1	10,600	64,100	46.4	353.4	2,400	57,900				220
225	36.0	332.4	9,700	62,100	44.3	348.4	1,800	56,000	51.3	357.1	50,100	225
230	33.4	325.0	8,900	60,200	42.2	342.9		54,200	49.4	352.8	48,400	230
235	30.6	316.7	8,000	58,300	39.9	337.0		52,500	47.4	348.3	46,900	235
240	27.6	307.5	7,200	56,600	37.6	330.6		50,900	45.4	343.4	45,400	240
245	24.1	296.8	6,500	54,800	35.1	323.6		49,300	43.3	338.1	43,900	245
250	20.2	284.0	5,700	53,200	32.4	315.9		47,800	41.1	332.5	42,500	250
255	15.2	267.6	4,900	51,500	29.5	307.3		46,400	38.7	326.3	41,200	255
260	7.0	240.2	4,000	49,900	26.3	297.5		45,000	36.3	319.6	39,900	260
265					22.7	286.2		43,600	33.7	312.3	38,700	265
270					18.4	272.3		42,300	31.0	304.2	37,500	270
275					12.7	253.3		41,000	27.9	295.0	36,400	275
280									24.5	284.5	35,200*	280
285									20.6	272.0	34,000*	285
290									15.8	256.1	32,800*	290
295									8.3	231.1	31,600*	295

Liftcrane Luffing Jib Capacities

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

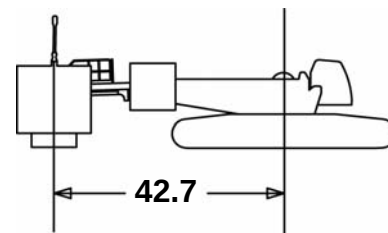
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



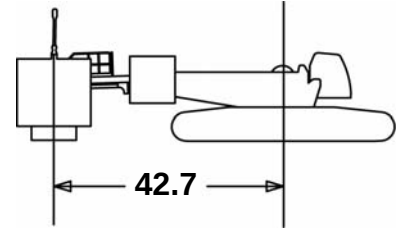
16000 MAX-ER

216.5 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
110	67.1	424.5	88,100	98,300*	70.3	427.8	77,100	106,900*					110
115	65.6	422.2	82,700	95,400*	68.9	425.9	72,200	106,900*					115
120	64.1	419.8	77,700	92,300*	67.4	423.8	67,700	106,900*					120
125	62.6	417.2	73,200	89,200*	66.0	421.6	63,600	106,800*					125
130	61.1	414.5	69,000	86,100*	64.5	419.2	59,900	105,200*	67.8	422.5	50,800	102,500*	130
135	59.6	411.5	65,200	83,000*	63.0	416.7	56,400	102,500*	66.4	420.3	47,700	102,500*	135
140	58.0	408.4	61,600	79,900*	61.5	414.0	53,200	99,600*	64.9	418.0	44,800	102,500*	140
145	56.5	405.1	58,400	77,000*	60.0	411.1	50,200	96,700*	63.4	415.5	42,100	102,500*	145
150	54.8	401.6	55,300	74,100*	58.5	408.0	47,500	93,700*	61.9	412.8	39,700	102,500*	150
155	53.2	397.9	52,500	71,200*	56.9	404.8	44,900	90,700*	60.4	410.0	37,400	102,500*	155
160	51.5	393.9	49,800	68,500*	55.3	401.3	42,500	87,700*	58.9	407.0	35,200	102,500*	160
165	49.8	389.7	47,300	65,900*	53.6	397.7	40,200	84,600*	57.3	403.8	33,200	102,000	165
170	48.0	385.3	44,900	63,400*	52.0	393.8	38,100	81,600*	55.7	400.4	31,300	98,000	170
175	46.2	380.5	42,700	61,000*	50.2	389.6	36,100	78,700*	54.1	396.8	29,500	94,400	175
180	44.3	375.4	40,600	58,800*	48.5	385.2	34,200	75,800*	52.4	393.0	27,800	90,900	180
185	42.3	370.0	38,700	56,600*	46.7	380.6	32,500	73,100*	50.7	388.9	26,300	87,600	185
190	40.3	364.2	36,800	54,600*	44.8	375.6	30,800	70,400*	48.9	384.5	24,800	84,500	190
195	38.2	357.9	35,000	52,700*	42.9	370.2	29,200	67,800*	47.1	379.9	23,300	81,600	195
200	36.0	351.1	33,300	50,900*	40.9	364.5	27,600	65,300*	45.3	375.0	22,000	78,800	200
205	33.6	343.7	31,700	49,300*	38.8	358.4	26,200	63,000*	43.4	369.8	20,700	76,200	205
210	31.1	335.6	30,200	47,800*	36.6	351.7	24,800	60,700*	41.4	364.2	19,400	73,700	210
215	28.3	326.6	28,700	46,400*	34.2	344.5	23,500	58,600*	39.3	358.1	18,300	71,300	215
220	25.3	316.4	27,300	45,200*	31.8	336.6	22,200	56,700*	37.1	351.6	17,100	69,000	220
225	21.9	304.6	25,900	44,200*	29.1	327.9	21,000	54,900*	34.8	344.6	16,000	66,900	225
230	17.9	290.3	24,600	43,500*	26.2	318.0	19,800	53,200*	32.4	336.9	15,000	64,800	230
235	12.7	271.1	23,200	43,100*	22.9	306.7	18,700	51,800*	29.8	328.3	14,000	62,800	235
240					19.1	293.2	17,600	50,500*	26.9	318.8	13,000	60,900	240
245					14.3	275.8	16,500	49,600*	23.8	307.9	12,100	59,100	245
250					6.4	246.5	15,300	46,700*	20.1	295.1	11,200	57,300	250
255									15.7	278.9	10,200	55,600	255
260									9.1	254.8	9,300	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
 137,850 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	Luffing Jib Capacity Pounds	
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155												155
160												160
165	63.0	410.3	21,600	93,100								165
170	61.5	407.6	20,100	89,400								170
175	59.9	404.7	18,600	86,000								175
180	58.4	401.7	17,300	82,800								180
185	56.8	398.4	16,000	79,800								185
190	55.2	395.0	14,800	76,900								190
195	53.6	391.3	13,600	74,200								195
200	51.9	387.4	12,500	71,600	57.8	394.5	3,300	64,500				200
205	50.2	383.2	11,500	69,200	56.2	391.1	2,500	62,300				205
210	48.4	378.8	10,500	66,900	54.6	387.6	1,700	60,100				210
215	46.6	374.1	9,600	64,700	52.9	383.8		58,100				215
220	44.7	369.1	8,700	62,600	51.2	379.9		56,200				220
225	42.8	363.8	7,800	60,600	49.5	375.6		54,300				225
230	40.8	358.1	7,000	58,600	47.7	371.1		52,600				230
235	38.7	351.9	6,200	56,800	45.9	366.3		50,900	52.1	374.3	45,100	235
240	36.5	345.2	5,400	55,100	44.0	361.1		49,300	50.4	370.2	43,600	240
245	34.1	338.0	4,600	53,400	42.0	355.6		47,700	48.6	365.8	42,200	245
250	31.7	330.0	3,900	51,700	40.0	349.7		46,200	46.8	361.2	40,800	250
255	29.0	321.2	3,200	50,200	37.8	343.4		44,800	44.9	356.2	39,500*	255
260	26.0	311.4	2,500	48,700	35.6	336.5		43,400	43.0	350.9	38,100*	260
265	22.8	300.0	1,900	47,200	33.2	329.0		42,100	41.0	345.2	36,800*	265
270	18.9	286.4		45,800	30.6	320.8		40,800	38.9	339.1	35,500*	270
275	14.1	268.7		44,400	27.9	311.6		39,600	36.7	332.5	34,300*	275
280	5.8	238.0		43,000	24.8	301.2		38,400	34.4	325.3	33,100*	280
285					21.4	289.1		37,200	31.9	317.5	31,900*	285
290					17.2	274.2		36,100	29.3	308.8	30,800*	290
295					11.6	253.7		34,900	26.4	299.0	29,700*	295
300									23.1	287.8	28,600*	300
305									19.4	274.5	27,600*	305
310									14.7	257.4	26,500*	310
315									7.2	229.8	25,400*	315

Liftcrane Luffing Jib Capacities

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

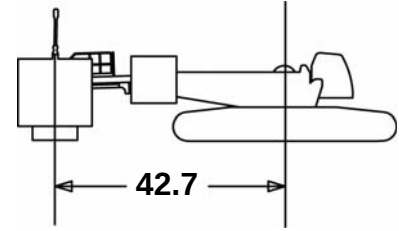
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



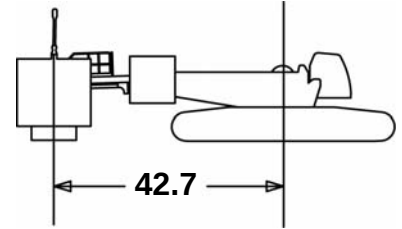
16000 MAX-ER

216.5 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	65.1	439.2	71,700	82,300*	68.1	443.1	61,900	91,800*					125
130	63.7	436.8	67,500	79,900*	66.8	440.9	58,100	91,700*					130
135	62.4	434.2	63,700	77,400*	65.5	438.6	54,700	91,500*					135
140	61.0	431.4	60,100	74,900*	64.1	436.2	51,500	91,200*	67.1	439.6	42,900	88,100*	140
145	59.6	428.5	56,900	72,400*	62.7	433.6	48,500	89,100*	65.8	437.4	40,200	88,100*	145
150	58.2	425.4	53,800	70,000*	61.4	430.9	45,800	86,800*	64.5	435.0	37,800	88,100*	150
155	56.7	422.1	51,000	67,600*	60.0	428.0	43,200	84,500*	63.1	432.5	35,500	88,100*	155
160	55.2	418.7	48,300	65,200*	58.5	425.0	40,800	82,100*	61.7	429.8	33,400	88,100*	160
165	53.7	415.0	45,800	62,900*	57.1	421.8	38,600	79,700*	60.3	427.0	31,400	88,100*	165
170	52.2	411.2	43,500	60,700*	55.6	418.4	36,500	77,300*	58.9	423.9	29,500	88,100*	170
175	50.6	407.1	41,300	58,600*	54.1	414.8	34,500	74,900*	57.5	420.8	27,700	88,100*	175
180	49.0	402.8	39,200	56,500*	52.6	411.0	32,600	72,500*	56.0	417.4	26,000	88,100*	180
185	47.4	398.2	37,200	54,500*	51.1	407.0	30,800	70,100*	54.5	413.9	24,500	86,200	185
190	45.7	393.4	35,400	52,600*	49.5	402.7	29,200	67,800*	53.0	410.1	23,000	83,100	190
195	44.0	388.2	33,600	50,800*	47.8	398.2	27,600	65,500*	51.5	406.1	21,600	80,200	195
200	42.2	382.7	31,900	49,100*	46.2	393.4	26,100	63,300*	49.9	402.0	20,200	77,400	200
205	40.3	376.9	30,300	47,500*	44.4	388.4	24,600	61,100*	48.3	397.5	18,900	74,800	205
210	38.4	370.7	28,800	46,000*	42.7	383.0	23,300	59,100*	46.6	392.8	17,700	72,300	210
215	36.3	364.0	27,400	44,500*	40.8	377.3	22,000	57,100*	44.9	387.9	16,600	69,900	215
220	34.2	356.7	26,000	43,200*	38.9	371.1	20,700	55,200*	43.1	382.6	15,500	67,700	220
225	31.9	348.9	24,600	41,900*	36.9	364.6	19,500	53,300*	41.3	376.9	14,400	65,500	225
230	29.5	340.2	23,400	40,800*	34.8	357.5	18,400	51,600*	39.4	370.9	13,400	63,500	230
235	26.9	330.7	22,100	39,700*	32.6	349.8	17,300	50,000*	37.4	364.5	12,400	61,500	235
240	24.0	319.9	20,900	38,800*	30.2	341.4	16,200	48,500*	35.3	357.5	11,500	59,600	240
245	20.8	307.4	19,800	38,100*	27.6	332.1	15,200	47,100*	33.1	350.0	10,600	57,800	245
250	16.9	292.1	18,700	37,600*	24.8	321.7	14,200	45,800*	30.8	341.8	9,700	56,100	250
255	11.7	271.6	17,500	37,400*	21.7	309.7	13,200	44,700*	28.3	332.7	8,800	54,400	255
260					18.0	295.4	12,300	43,800*	25.6	322.6	8,000	52,800	260
265					13.3	276.7	11,300	43,100*	22.5	311.1	7,200	51,200	265
270					5.3	243.9	10,300	38,100*	19.0	297.4	6,400	49,700	270
275									14.6	280.2	5,600	47,800*	275
280									8.2	253.9	4,800	42,100*	280
285													285
290													290
295													295
300													300
305													305
310													310
315													315
320													320
325													325
330													330
335													335

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170											170
175	62.7	427.3	16,500	80,500*							175
180	61.3	424.6	15,200	80,500*							180
185	59.9	421.7	13,900	78,100							185
190	58.5	418.6	12,800	75,300							190
195	57.0	415.4	11,600	72,600							195
200	55.6	412.0	10,600	70,000							200
205	54.1	408.4	9,500	67,600							205
210	52.6	404.6	8,600	65,300	57.9	411.4	58,400				210
215	51.0	400.6	7,600	63,100	56.5	408.1	56,400				215
220	49.4	396.3	6,700	61,000	55.0	404.7	54,500				220
225	47.8	391.8	5,900	59,000	53.5	401.0	52,600				225
230	46.1	387.0	5,100	57,100	52.0	397.1	50,900				230
235	44.4	381.9	4,300	55,300	50.4	393.0	49,200				235
240	42.6	376.5	3,600	53,600	48.8	388.6	47,600				240
245	40.7	370.8	2,800	51,900	47.1	384.0	46,100	52.7	391.5	40,000*	245
250	38.8	364.7	2,100	50,300	45.4	379.1	44,600	51.2	387.5	38,500*	250
255	36.8	358.1	1,500	48,800	43.7	373.9	43,200	49.6	383.3	37,100*	255
260	34.7	351.0		47,300	41.9	368.4	41,900	47.9	378.8	35,800*	260
265	32.5	343.2		45,900	40.0	362.5	40,500	46.3	374.0	34,500*	265
270	30.1	334.8		44,500	38.0	356.2	39,300	44.6	369.0	33,200*	270
275	27.5	325.5		43,200	36.0	349.4	38,100	42.8	363.7	32,000*	275
280	24.7	315.0		41,900	33.9	342.1	36,900	40.9	358.0	30,900*	280
285	21.5	302.9		40,600	31.6	334.1	35,800	39.0	351.9	29,700*	285
290	17.8	288.4		39,400	29.1	325.4	34,700	37.0	345.3	28,600*	290
295	13.1	269.5		38,200	26.5	315.6	33,600	34.9	338.3	27,600*	295
300	4.5	234.8		37,000	23.5	304.6	32,500*	32.7	330.6	26,500*	300
305					20.2	291.7	31,300*	30.4	322.3	25,500*	305
310					16.2	275.9	30,200*	27.8	313.0	24,600*	310
315					10.7	253.8	29,100*	25.0	302.7	23,600*	315
320								21.9	290.8	22,700*	320
325								18.3	276.7	21,700*	325
330								13.7	258.4	20,800*	330
335								6.1	227.8	19,800*	335

Liftcrane Luffing Jib Capacities

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

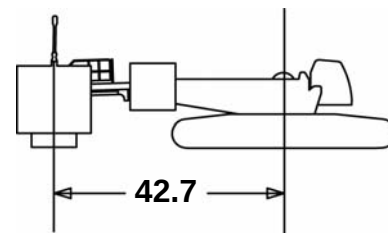
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



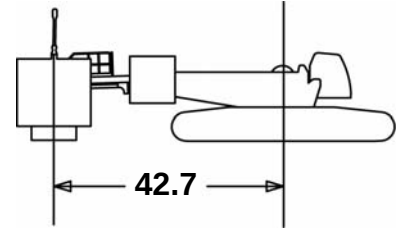
16000 MAX-ER

216.5 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	64.7	456.3	62,300	71,300*	67.5	460.2	53,200	78,800*					135
140	63.4	453.8	58,800	69,400*	66.2	458.0	50,000	78,600*					140
145	62.2	451.1	55,500	67,300*	65.0	455.7	47,000	78,400*	67.8	458.9	38,600	75,500*	145
150	60.9	448.4	52,400	65,300*	63.8	453.2	44,300	78,200*	66.6	456.7	36,100	75,500*	150
155	59.6	445.4	49,600	63,300*	62.5	450.6	41,700	77,600*	65.3	454.4	33,900	75,500*	155
160	58.3	442.4	46,900	61,400*	61.2	447.9	39,300	75,800*	64.1	452.0	31,700	75,500*	160
165	56.9	439.1	44,400	59,400*	59.9	445.0	37,100	73,900*	62.8	449.5	29,700	75,500*	165
170	55.6	435.7	42,100	57,500*	58.6	442.0	34,900	72,000*	61.5	446.7	27,900	75,500*	170
175	54.2	432.1	39,900	55,600*	57.3	438.8	33,000	70,100*	60.3	443.9	26,100	75,500*	175
180	52.8	428.3	37,800	53,800*	55.9	435.4	31,100	68,100*	59.0	440.9	24,400	75,500*	180
185	51.4	424.4	35,800	52,000*	54.6	431.8	29,300	66,200*	57.6	437.7	22,900	75,500*	185
190	49.9	420.2	34,000	50,300*	53.2	428.1	27,700	64,300*	56.3	434.4	21,400	75,400*	190
195	48.4	415.7	32,200	48,700*	51.8	424.2	26,100	62,300*	54.9	430.9	20,000	75,300*	195
200	46.9	411.1	30,600	47,100*	50.3	420.1	24,600	60,400*	53.5	427.2	18,600	74,400*	200
205	45.3	406.2	29,000	45,600*	48.8	415.7	23,200	58,600*	52.1	423.4	17,400	72,500*	205
210	43.7	401.0	27,500	44,100*	47.3	411.1	21,800	56,700*	50.7	419.3	16,200	70,700*	210
215	42.0	395.5	26,000	42,700*	45.7	406.3	20,500	55,000*	49.2	415.0	15,000	68,700	215
220	40.3	389.7	24,700	41,400*	44.1	401.2	19,300	53,200*	47.7	410.5	13,900	66,400	220
225	38.5	383.5	23,400	40,200*	42.5	395.8	18,100	51,600*	46.1	405.7	12,900	64,300	225
230	36.7	376.8	22,100	39,000*	40.8	390.0	17,000	50,000*	44.5	400.7	11,900	62,200	230
235	34.7	369.7	20,900	37,900*	39.0	383.9	15,900	48,400*	42.9	395.3	10,900	60,300	235
240	32.7	362.0	19,700	36,900*	37.2	377.4	14,900	46,900*	41.2	389.7	10,000	58,400	240
245	30.5	353.7	18,600	35,900*	35.3	370.4	13,900	45,500*	39.5	383.7	9,100	56,600	245
250	28.2	344.6	17,500	35,000*	33.2	362.9	12,900	44,200*	37.7	377.2	8,200	54,900	250
255	25.6	334.5	16,500	34,200*	31.1	354.8	12,000	43,000*	35.8	370.4	7,400	53,200	255
260	22.9	323.1	15,500	33,600*	28.8	345.9	11,100	41,800*	33.8	363.0	6,600	51,700	260
265	19.7	309.9	14,500	33,100*	26.4	336.1	10,200	40,800*	31.7	355.1	5,900	50,100	265
270	15.9	293.7	13,500	32,700*	23.6	325.1	9,300	39,800*	29.4	346.4	5,100	48,600	270
275	10.9	271.7	12,500	32,700*	20.6	312.4	8,500	39,000*	27.0	336.8	4,400	47,200	275
280					17.0	297.2	7,700	38,300*	24.4	326.2	3,700	45,500*	280
285					12.4	277.4	6,800	36,900*	21.4	314.0	3,000	43,700*	285
290					4.0	240.1	5,900	30,600*	18.0	299.5	2,300	41,900*	290
295									13.7	281.3	1,600	39,600*	295
300									7.2	252.6		34,500*	300
305													305
310													310
315													315
320													320
325													325
330													330
335													335
340													340
345													345
350													350
355													355

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 42.7 ft Position
 360 Degree Rating



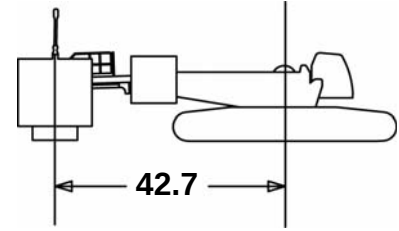
16000 MAX-ER

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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170											170
175											175
180											180
185	62.4	444.3	12,200	68,800*							185
190	61.2	441.5	11,000	68,800*							190
195	59.9	438.6	9,900	68,800*							195
200	58.6	435.6	8,800	68,600							200
205	57.2	432.4	7,800	66,200							205
210	55.9	429.0	6,800	63,900							210
215	54.5	425.5	5,900	61,700							215
220	53.1	421.7	5,100	59,700							220
225	51.7	417.8	4,200	57,700	56.7	425.1	51,200				225
230	50.2	413.7	3,400	55,800	55.4	421.7	49,400				230
235	48.7	409.3	2,700	54,000	54.0	418.1	47,800				235
240	47.2	404.7	1,900	52,300	52.6	414.3	46,200				240
245	45.7	399.9		50,600	51.1	410.3	44,700				245
250	44.1	394.7		49,000	49.7	406.0	43,200				250
255	42.4	389.3		47,500	48.2	401.6	41,800				255
260	40.7	383.5		46,000	46.6	396.9	40,500	51.8	404.7	33,800*	260
265	38.9	377.4		44,600	45.1	391.9	39,200	50.4	400.6	32,500*	265
270	37.1	370.9		43,200	43.4	386.7	37,900	48.9	396.3	31,300*	270
275	35.2	363.9		41,900	41.8	381.1	36,700	47.4	391.7	30,100*	275
280	33.1	356.4		40,700	40.0	375.3	35,500*	45.8	386.9	28,900*	280
285	31.0	348.2		39,500	38.2	369.0	34,200*	44.2	381.8	27,800*	285
290	28.7	339.3		38,300	36.4	362.3	33,000*	42.6	376.4	26,700*	290
295	26.2	329.4		37,100	34.4	355.1	31,900*	40.9	370.7	25,700*	295
300	23.5	318.4		36,000	32.3	347.3	30,700*	39.1	364.6	24,700*	300
305	20.5	305.6		34,900	30.1	338.9	29,700*	37.3	358.1	23,700*	305
310	16.8	290.3		33,900	27.8	329.6	28,600*	35.4	351.2	22,700*	310
315	12.2	270.1		32,800	25.2	319.3	27,600*	33.4	343.7	21,800*	315
320	3.0	229.6		31,700	22.4	307.7	26,500*	31.2	335.6	20,900*	320
325					19.1	294.1	25,500*	29.0	326.8	20,000*	325
330					15.2	277.3	24,600*	26.5	317.1	19,200*	330
335					9.8	253.6	23,500*	23.8	306.1	18,300*	335
340								20.8	293.6	17,500*	340
345								17.3	278.6	16,700*	345
350								12.8	259.2	15,900*	350
355								5.0	225.0	15,000*	355

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
137,850 lb Hanging Counterweight
at 42.7 ft Position
360 Degree Rating



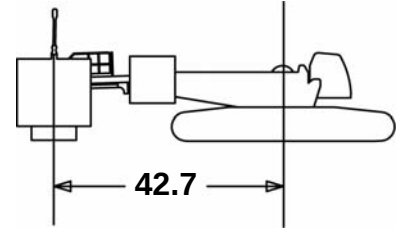
16000 MAX-ER

216.5 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	64.3	473.3	53,800	61,800*	66.9	477.3	45,100	66,500*					145
150	63.1	470.8	50,700	60,200*	65.8	475.1	42,400	66,200*					150
155	62.0	468.1	47,900	58,600*	64.6	472.7	39,800	66,000*	67.2	476.0	31,800	63,900*	155
160	60.8	465.3	45,200	57,100*	63.5	470.2	37,400	65,800*	66.1	473.8	29,700	63,900*	160
165	59.6	462.4	42,700	55,500*	62.3	467.6	35,200	65,500*	64.9	471.5	27,700	63,800*	165
170	58.4	459.3	40,400	53,900*	61.1	464.8	33,100	65,200*	63.8	469.0	25,900	63,700*	170
175	57.1	456.1	38,200	52,300*	59.9	462.0	31,100	64,500*	62.6	466.4	24,100	63,600*	175
180	55.9	452.7	36,100	50,800*	58.7	458.9	29,300	63,000*	61.4	463.7	22,500	63,500*	180
185	54.6	449.2	34,200	49,300*	57.4	455.7	27,500	61,500*	60.2	460.9	20,900	63,400*	185
190	53.3	445.5	32,300	47,800*	56.2	452.4	25,900	60,000*	59.0	457.9	19,400	63,300*	190
195	52.0	441.6	30,600	46,300*	54.9	448.9	24,300	58,500*	57.8	454.7	18,000	63,100*	195
200	50.6	437.5	28,900	44,900*	53.6	445.2	22,800	56,900*	56.5	451.4	16,700	63,000*	200
205	49.3	433.2	27,300	43,600*	52.3	441.4	21,400	55,400*	55.3	448.0	15,400	62,800*	205
210	47.9	428.7	25,800	42,200*	51.0	437.4	20,000	53,900*	54.0	444.3	14,300	62,700*	210
215	46.4	424.0	24,400	41,000*	49.6	433.1	18,800	52,400*	52.7	440.5	13,100	62,500*	215
220	45.0	419.0	23,000	39,700*	48.2	428.7	17,500	50,900*	51.3	436.6	12,000	62,300*	220
225	43.5	413.8	21,700	38,600*	46.8	424.0	16,400	49,500*	50.0	432.4	11,000	61,100*	225
230	41.9	408.2	20,500	37,400*	45.4	419.1	15,200	48,100*	48.6	428.0	10,000	59,700*	230
235	40.3	402.4	19,300	36,400*	43.9	414.0	14,200	46,700*	47.2	423.4	9,000	58,300*	235
240	38.7	396.2	18,100	35,300*	42.3	408.5	13,100	45,300*	45.7	418.5	8,100	56,800*	240
245	36.9	389.6	17,000	34,400*	40.8	402.8	12,100	44,000*	44.3	413.5	7,300	55,100	245
250	35.2	382.6	16,000	33,500*	39.1	396.7	11,200	42,800*	42.7	408.1	6,400	53,400	250
255	33.3	375.1	15,000	32,600*	37.4	390.2	10,300	41,600*	41.2	402.4	5,600	51,800	255
260	31.3	367.1	14,000	31,800*	35.6	383.3	9,400	40,400*	39.5	396.4	4,800	50,200	260
265	29.2	358.3	13,000	31,100*	33.8	376.0	8,600	39,400*	37.9	390.0	4,100	48,700	265
270	27.0	348.7	12,100	30,400*	31.8	368.1	7,700	38,300*	36.1	383.3	3,300	47,200	270
275	24.5	338.1	11,200	29,800*	29.8	359.5	6,900	37,400*	34.3	376.0	2,600	45,800	275
280	21.8	326.1	10,300	29,300*	27.6	350.1	6,200	36,500*	32.4	368.3	2,000	44,500*	280
285	18.7	312.2	9,500	29,000*	25.2	339.8	5,400	35,600*	30.3	359.9		42,800*	285
290	15.0	295.1	8,600	28,800*	22.6	328.2	4,700	34,900*	28.2	350.8		41,100*	290
295	10.1	271.6	7,800	27,100*	19.6	314.9	3,900	34,300*	25.8	340.7		39,400*	295
300					16.1	298.9	3,200	33,500*	23.3	329.5		37,800*	300
305					11.6	277.8	2,500	29,800*	20.4	316.7		36,300*	305
310					2.4	233.6	1,600	23,600*	17.1	301.5		34,800*	310
315									12.9	282.1		32,400*	315
320									6.3	250.8		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
 137,850 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
145											145
150											150
155											155
160											160
165											165
170											170
175											175
180											180
185											185
190											190
195	62.2	461.3	7,700	58,100*							195
200	61.0	458.5	6,600	58,100*							200
205	59.8	455.6	5,600	58,100*							205
210	58.6	452.6	4,700	58,100*							210
215	57.4	449.4	3,800	58,100*							215
220	56.1	446.0	2,900	58,000							220
225	54.9	442.5	2,100	56,000							225
230	53.6	438.9		54,100							230
235	52.3	435.0		52,300	56.9	442.1	46,000				235
240	50.9	431.0		50,600	55.7	438.7	44,400				240
245	49.6	426.7		49,000	54.4	435.2	42,900				245
250	48.2	422.3		47,400	53.1	431.4	41,400				250
255	46.8	417.6		45,900	51.8	427.5	40,000*				255
260	45.3	412.7		44,400	50.4	423.4	38,500*				260
265	43.8	407.5		43,000	49.0	419.1	37,100*				265
270	42.3	402.1		41,700	47.6	414.5	35,800*	52.4	421.9	28,800*	270
275	40.7	396.3		40,400	46.2	409.8	34,400*	51.1	417.9	27,600*	275
280	39.0	390.2		39,100	44.7	404.7	33,200*	49.7	413.7	26,500*	280
285	37.3	383.7		37,900	43.2	399.5	32,000*	48.3	409.3	25,400*	285
290	35.6	376.8		36,800	41.7	393.9	30,800*	46.9	404.6	24,300*	290
295	33.7	369.4		35,600	40.1	388.0	29,600*	45.5	399.7	23,300*	295
300	31.8	361.5		34,500	38.4	381.8	28,500*	44.0	394.6	22,300*	300
305	29.7	352.9		33,500	36.7	375.1	27,500*	42.4	389.2	21,300*	305
310	27.5	343.5		32,500	34.9	368.0	26,400*	40.9	383.4	20,400*	310
315	25.1	333.1		31,500	33.0	360.5	25,400*	39.2	377.4	19,500*	315
320	22.5	321.5		30,400*	31.0	352.3	24,400*	37.5	370.9	18,600*	320
325	19.5	308.1		29,300*	28.9	343.4	23,500*	35.8	364.1	17,800*	325
330	16.0	291.9		28,200*	26.6	333.6	22,500*	33.9	356.7	16,900*	330
335	11.4	270.5		27,200*	24.1	322.8	21,600*	32.0	348.9	16,100*	335
340					21.4	310.6	20,700*	29.9	340.4	15,300*	340
345					18.2	296.2	19,900*	27.7	331.1	14,600*	345
350					14.4	278.5	19,000*	25.4	320.8	13,800*	350
355					9.0	253.1	18,100*	22.8	309.3	13,100*	355
360								19.8	296.1	12,300*	360
365								16.4	280.3	11,600*	365
370								12.0	259.7	10,900*	370
375								3.8	221.0	10,000*	375

Liftcrane Luffing Jib Capacities

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

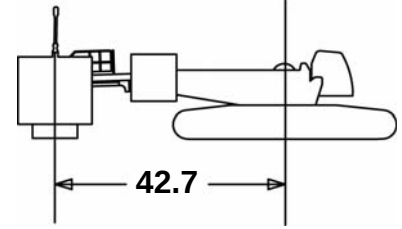
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



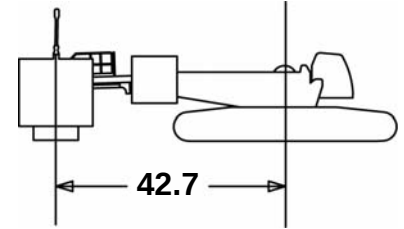
16000 MAX-ER

236.2 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
55	69.2	318.4	229,900	259,500*c									55
60	65.2	316.1	206,000	246,800*b									60
65	61.0	313.3	186,300	233,700*b									65
70	56.7	310.1	169,800	220,700*b	67.1	315.9	152,400	268,800*c					70
75	52.1	306.2	155,700	208,100*b	63.0	313.3	139,700	257,300*b					75
80	47.2	301.7	143,500	196,300*	58.7	310.3	128,700	244,800*b					80
85	41.8	296.2	132,800	185,400*	54.3	306.8	119,100	232,300*b	64.9	312.6	105,200	245,700b	85
90	35.7	289.6	123,300	175,900*	49.5	302.6	110,600	219,900*	60.7	309.8	97,700	229,000b	90
95	28.5	281.0	114,900	168,200*	44.4	297.6	103,100	208,000*	56.4	306.5	91,000	214,300b	95
100	18.6	268.4	107,100	163,100*	38.7	291.6	96,300	197,100*	51.8	302.6	85,000	201,200b	100
105					32.1	284.0	90,200	187,400*	46.8	298.0	79,600	189,600	105
110					23.8	273.8	84,500	179,600*	41.4	292.5	74,700	179,000	110
115					9.6	255.0	78,900	165,700*	35.3	285.7	70,100	169,500	115
120									27.9	277.0	65,900	160,800	120
125									17.8	263.9	61,900	152,700	125
130													130
135													135
140													140
145													145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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.	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	
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110	60.9	305.1	57,600	165,800b									110
115	56.5	301.9	54,000	157,000b									115
120	51.9	298.0	50,800	149,000b									120
125	47.0	293.5	47,700	141,700									125
130	41.6	288.0	44,900	135,000									130
135	35.5	281.3	42,300	128,800	56.3	295.2	29,000	118,500b					135
140	28.3	272.6	39,700	123,000	51.7	291.3	27,100	113,300b					140
145	18.3	259.8	37,200	117,600	46.7	286.7	25,400	108,400					145
150					41.3	281.1	23,800	103,900					150
155					35.1	274.3	22,200	99,600					155
160					27.8	265.5	20,600	95,600	50.8	282.3	10,000	87,500b	160
165					17.5	252.3	19,000	91,800	45.7	277.5	9,100	84,100	165
170									40.2	271.8	8,100	80,900	170
175									33.9	264.7	7,200	77,900	175
180									26.1	255.3	6,200	74,900	180
185									14.7	240.4	5,100	72,100	185

Liftcrane Luffing Jib Capacities

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

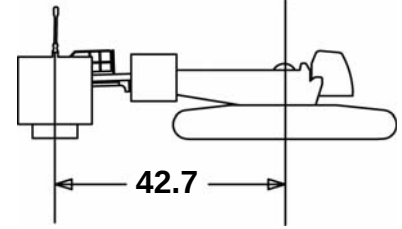
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



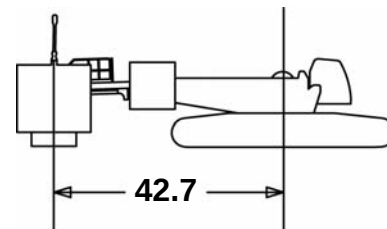
16000 MAX-ER

236.2 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65	67.3	335.5	186,000	213,100*b									65
70	64.0	333.1	169,500	202,900*b									70
75	60.7	330.3	155,400	192,400*b	68.8	335.2	138,800	232,500*b					75
80	57.2	327.1	143,200	182,100*	65.6	332.9	127,800	224,500*b					80
85	53.6	323.4	132,600	172,200*	62.3	330.3	118,300	214,900*b					85
90	49.9	319.3	123,300	162,800*	58.9	327.3	109,900	205,000*	67.0	332.0	96,400	227,800b	90
95	45.8	314.5	115,000	154,000*	55.4	323.9	102,500	195,000*	63.8	329.5	89,800	213,200b	95
100	41.5	309.0	107,600	146,000*	51.7	320.0	95,800	185,000*	60.5	326.7	83,900	200,200b	100
105	36.7	302.5	100,900	138,900*	47.8	315.5	89,800	175,500*	57.0	323.5	78,600	188,600	105
110	31.3	294.6	94,800	132,700*	43.6	310.4	84,400	166,500*	53.4	319.8	73,800	178,200	110
115	24.8	284.6	89,200	127,800*	39.1	304.4	79,400	158,100*	49.6	315.6	69,400	168,700	115
120	15.7	269.9	83,900	125,000*	34.0	297.2	74,900	150,500*	45.5	310.8	65,400	160,200	120
125					28.1	288.4	70,600	144,000*	41.2	305.2	61,600	152,300	125
130					20.6	276.5	66,600	138,800*	36.4	298.7	58,200	145,200	130
135					6.6	253.2	62,500	135,200*	30.9	290.7	55,000	138,500	135
140									24.3	280.5	52,000	132,300	140
145									14.9	265.2	49,000	126,500	145
150													150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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.	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													85
90													90
95													95
100													100
105													105
110													110
115													115
120	60.6	322.1	49,300	147,800 ^b									120
125	57.1	318.9	46,400	140,500									125
130	53.5	315.2	43,700	133,900									130
135	49.7	311.1	41,200	127,800									135
140	45.7	306.3	38,800	122,200									140
145	41.4	300.7	36,600	117,000	56.9	312.2	23,900	107,100					145
150	36.6	294.2	34,600	112,100	53.3	308.5	22,300	102,700					150
155	31.1	286.3	32,600	107,500	49.5	304.3	20,900	98,500					155
160	24.6	276.2	30,700	103,200	45.5	299.5	19,500	94,700					160
165	15.4	261.2	28,800	99,100	41.1	293.9	18,200	91,000					165
170					36.3	287.3	16,900	87,600	52.6	299.6	6,500	79,600	170
175					30.8	279.3	15,700	84,300	48.8	295.3	5,700	76,700	175
180					24.1	269.0	14,500	81,200	44.7	290.3	4,900	73,900	180
185					14.6	253.5	13,200	78,200	40.2	284.5	4,200	71,300	185
190									35.3	277.7	3,400	68,800	190
195									29.6	269.4	2,700	66,400	195
200									22.7	258.5	1,900	64,000	200
205									12.0	240.8		61,700	205

Liftcrane Luffing Jib Capacities

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

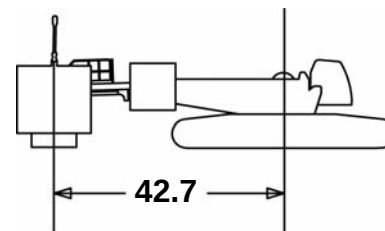
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



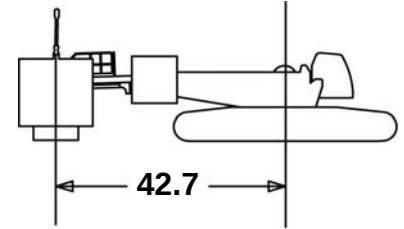
16000 MAX-ER

236.2 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	66.0	352.5	154,300	177,200* ^b	69.9	354.4	126,200	200,500* ^b					75
80	63.3	350.0	142,100	168,900*	67.2	352.3	116,700	196,500* ^b					80
85	60.5	347.2	131,500	160,600*	64.6	349.9	108,300	189,200*					85
90	57.6	344.1	122,200	152,500*	61.8	347.2	100,900	181,600*					90
95	54.7	340.6	114,000	144,700*	59.0	344.3	94,300	173,600*	65.8	349.0	82,000	198,100* ^b	100
100	51.6	336.6	106,600	137,200*	56.1	340.9	88,300	165,600*	63.1	346.5	76,700	187,000	105
105	48.3	332.2	100,000	130,200*	53.1	337.2	83,000	157,700*	60.3	343.7	71,900	176,600	110
110	44.9	327.3	94,000	123,600*	49.9	333.0	78,100	150,100*	57.4	340.5	67,600	167,200	115
115	41.3	321.7	88,500	117,600*	46.6	328.4	73,600	142,700*	54.5	337.0	63,600	158,700	120
120	37.4	315.4	83,500	112,200*	43.1	323.1	69,500	135,800*	51.4	333.0	60,000	151,000	125
125	33.0	307.9	79,000	107,300*	39.3	317.1	65,800	129,300*	48.1	328.6	56,700	143,800	130
130	28.1	299.0	74,700	103,200*	35.1	310.2	62,200	123,400*	44.7	323.6	53,600	137,300	135
135	22.1	287.7	70,700	100,100*	30.5	302.1	59,000	118,100*	41.0	318.0	50,700	131,200	140
140	13.5	270.8	66,800	98,600*	25.1	292.1	55,900	113,500*	37.1	311.5	48,000	125,600	145
145					18.1	278.6	52,900	110,100*	32.7	304.0	45,500	120,400	150
150					3.3	248.6	49,700	106,200*	27.7	295.0	43,100	115,500	155
155									21.6	283.4	40,800	110,900	160
160									12.7	265.9	38,500	106,500	165
165													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
225													225

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	
75													75
80													80
85													85
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130	60.4	339.0	41,500	132,100									130
135	57.5	335.9	39,000	126,100									135
140	54.6	332.4	36,800	120,500									140
145	51.5	328.4	34,700	115,300									145
150	48.2	324.0	32,700	110,600									150
155	44.8	319.1	30,800	106,100	57.4	329.2	18,500	96,600					155
160	41.2	313.5	29,100	101,900	54.4	325.6	17,200	92,800					160
165	37.2	307.1	27,400	98,000	51.3	321.7	16,000	89,200					165
170	32.9	299.6	25,800	94,300	48.0	317.2	14,800	85,900					170
175	27.9	290.6	24,300	90,800	44.6	312.3	13,700	82,700					175
180	21.9	279.2	22,800	87,500	41.0	306.6	12,700	79,700					180
185	13.2	262.0	21,300	84,300	37.0	300.2	11,700	76,900	50.7	312.7	1,800	69,400	185
190					32.6	292.6	10,700	74,200	47.4	308.2		66,900	190
195					27.6	283.5	9,700	71,600	44.0	303.1		64,600	195
200					21.4	271.9	8,800	69,200	40.2	297.3		62,400	200
205					12.5	254.1	7,700	66,700	36.2	290.7		60,300	205
210									31.7	282.9		58,300	210
215									26.5	273.4		56,400	215
220									20.1	261.1		54,500	220
225									9.8	240.5		52,600	225

Liftcrane Luffing Jib Capacities

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

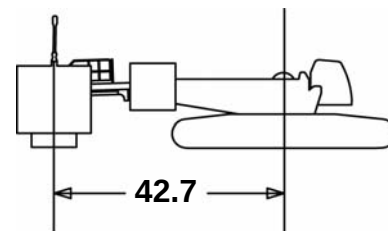
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



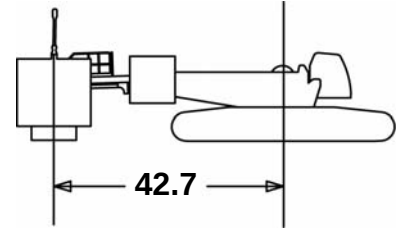
16000 MAX-ER

236.2 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	65.1	369.6	130,600	149,000*	70.7	373.5	115,400	173,700*					85
90	62.7	367.0	121,300	142,400*	68.4	371.6	107,100	172,600*					90
95	60.3	364.2	113,000	135,800*	66.2	369.4	99,700	167,200*					95
100	57.9	361.1	105,700	129,400*	63.8	366.9	93,100	161,200*					100
105	55.4	357.6	99,100	123,200*	61.5	364.2	87,100	155,100*	67.2	368.4	75,200	170,700*	105
110	52.8	353.9	93,100	117,200*	59.1	361.2	81,800	148,700*	64.9	366.1	70,500	170,700*	110
115	50.1	349.7	87,700	111,500*	56.6	358.0	76,900	142,300*	62.6	363.5	66,100	166,000	115
120	47.3	345.1	82,700	106,200*	54.0	354.3	72,500	136,000*	60.2	360.6	62,200	157,500	120
125	44.3	340.1	78,200	101,200*	51.4	350.4	68,400	129,800*	57.7	357.5	58,600	149,700	125
130	41.2	334.5	74,000	96,600*	48.6	346.0	64,700	123,800*	55.2	354.0	55,300	142,700	130
135	37.8	328.2	70,200	92,400*	45.7	341.2	61,200	118,100*	52.6	350.2	52,300	136,200	135
140	34.2	321.0	66,600	88,600*	42.7	335.9	58,000	112,700*	49.9	346.1	49,400	130,100	140
145	30.2	312.7	63,200	85,300*	39.4	329.9	55,100	107,600*	47.1	341.5	46,800	124,600	145
150	25.5	302.8	60,100	82,500*	36.0	323.2	52,300	102,900*	44.1	336.4	44,300	119,400	150
155	19.9	290.2	57,100	80,400*	32.1	315.5	49,700	98,600*	40.9	330.7	42,000	114,600	155
160	11.7	271.2	54,100	79,700*	27.8	306.4	47,200	94,800*	37.6	324.4	39,900	110,100	160
165					22.8	295.3	44,800	91,500*	33.9	317.1	37,800	105,900	165
170					16.2	280.3	42,500	89,300*	29.9	308.8	35,900	101,900	170
175									25.2	298.7	34,000	98,200	175
180									19.5	285.9	32,200	94,600	180
185									11.0	266.0	30,400	91,100	185
190													190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 42.7 ft Position
 360 Degree Rating



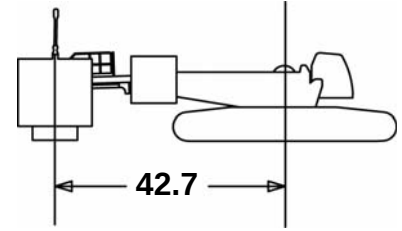
16000 MAX-ER

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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85												85
90												90
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135	62.7	358.8	37,300	124,700								135
140	60.3	356.0	35,100	119,100								140
145	57.8	352.9	33,000	114,000								145
150	55.3	349.4	31,100	109,200								150
155	52.7	345.6	29,300	104,800								155
160	50.0	341.5	27,600	100,700								160
165	47.2	336.9	26,000	96,800	57.7	346.2	14,200	87,800				165
170	44.2	331.9	24,500	93,200	55.1	342.7	13,100	84,500				170
175	41.1	326.2	23,000	89,700	52.5	338.9	12,100	81,300				175
180	37.7	319.9	21,700	86,500	49.8	334.7	11,100	78,400				180
185	34.1	312.7	20,400	83,500	47.0	330.1	10,100	75,600				185
190	30.0	304.4	19,100	80,600	44.0	325.0	9,200	73,000				190
195	25.4	294.4	17,900	77,800	40.9	319.4	8,300	70,500	52.0	330.0	63,200	195
200	19.7	281.7	16,700	75,200	37.5	313.0	7,500	68,100	49.3	325.7	61,000	200
205	11.4	262.3	15,500	72,600	33.8	305.7	6,700	65,800	46.4	321.0	59,000	205
210					29.8	297.3	5,900	63,700	43.4	315.8	57,000	210
215					25.1	287.2	5,100	61,600	40.3	310.0	55,200	215
220					19.3	274.3	4,300	59,600	36.8	303.5	53,400	220
225					10.7	254.1	3,400	57,600	33.1	296.1	51,700	225
230									29.0	287.4	50,000	230
235									24.1	276.9	48,400	235
240									18.0	263.2	46,900	240
245									8.0	239.5	45,300	245

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
137,850 lb Hanging Counterweight
at 42.7 ft Position
360 Degree Rating



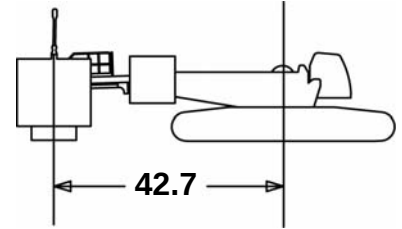
16000 MAX-ER

236.2 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	64.4	386.6	111,600	126,500*	69.3	390.8	97,900	150,400*					95
100	62.3	384.0	104,300	121,200*	67.3	388.7	91,300	147,600*					100
105	60.2	381.1	97,700	115,900*	65.3	386.4	85,400	143,100*					105
110	58.1	378.0	91,700	110,800*	63.3	383.9	80,000	138,300*					110
115	55.9	374.7	86,300	105,800*	61.2	381.2	75,200	133,400*	66.3	385.5	64,100	147,400*	115
120	53.6	371.0	81,400	101,000*	59.1	378.2	70,800	128,300*	64.2	383.1	60,200	147,400*	120
125	51.3	367.0	76,900	96,400*	56.9	375.0	66,800	123,200*	62.2	380.5	56,700	147,400*	125
130	48.9	362.7	72,700	92,100*	54.7	371.4	63,100	118,100*	60.1	377.6	53,400	141,100	130
135	46.4	358.0	68,900	88,000*	52.4	367.6	59,600	113,000*	57.9	374.5	50,400	134,600	135
140	43.8	352.9	65,400	84,100*	50.1	363.5	56,500	108,200*	55.7	371.1	47,600	128,600	140
145	41.1	347.2	62,100	80,600*	47.6	359.0	53,500	103,500*	53.5	367.4	45,000	123,100	145
150	38.2	341.0	59,000	77,300*	45.1	354.0	50,800	99,000*	51.2	363.4	42,500	117,900	150
155	35.0	334.0	56,100	74,300*	42.4	348.6	48,200	94,700*	48.8	359.1	40,300	113,200	155
160	31.6	326.1	53,400	71,600*	39.6	342.7	45,800	90,700*	46.2	354.3	38,200	108,700	160
165	27.9	317.0	50,800	69,200*	36.5	336.0	43,500	87,000*	43.6	349.1	36,200	104,500	165
170	23.5	306.2	48,400	67,300*	33.3	328.6	41,400	83,500*	40.9	343.5	34,300	100,600	170
175	18.2	292.4	46,100	65,800*	29.7	320.2	39,400	80,400*	37.9	337.2	32,500	96,900	175
180	10.2	271.1	43,700	65,700*	25.7	310.2	37,400	77,700*	34.8	330.1	30,800	93,400	180
185					20.9	298.1	35,500	75,300*	31.4	322.2	29,200	90,100	185
190					14.6	281.5	33,700	73,800*	27.6	313.0	27,700	87,000	190
195									23.2	302.0	26,200	84,100	195
200									17.7	287.9	24,700	81,200	200
205									9.4	265.6	23,200	78,400	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
 137,850 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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95												95
100												100
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145	62.3	375.8	30,800	112,200								145
150	60.2	373.0	28,900	107,400								150
155	58.0	369.9	27,100	103,000								155
160	55.8	366.5	25,500	98,900								160
165	53.6	362.8	23,900	95,100								165
170	51.3	358.8	22,400	91,500								170
175	48.8	354.5	21,000	88,100	57.9	363.2	9,700	79,400				175
180	46.3	349.8	19,700	84,900	55.7	359.8	8,700	76,500				180
185	43.7	344.6	18,500	81,900	53.4	356.1	7,800	73,800				185
190	41.0	339.0	17,300	79,100	51.1	352.1	6,900	71,200				190
195	38.1	332.7	16,200	76,400	48.7	347.7	6,100	68,700				195
200	34.9	325.7	15,100	73,800	46.2	343.0	5,300	66,400				200
205	31.5	317.8	14,000	71,400	43.6	337.8	4,600	64,100				205
210	27.7	308.6	13,000	69,000	40.8	332.1	3,800	62,000	50.7	343.1	55,100	210
215	23.4	297.7	12,000	66,800	37.9	325.8	3,100	60,000	48.2	338.7	53,300	215
220	18.0	283.8	11,000	64,600	34.7	318.8	2,500	58,100	45.7	333.9	51,600	220
225	9.9	262.1	10,000	62,500	31.3	310.8	1,800	56,200	43.1	328.6	49,900	225
230					27.5	301.6		54,500	40.3	322.8	48,300	230
235					23.1	290.5		52,800	37.3	316.4	46,800	235
240					17.6	276.3		51,100	34.1	309.2	45,300	240
245					9.2	253.6		49,400	30.6	301.0	43,900	245
250									26.7	291.5	42,500	250
255									22.2	280.0	41,200	255
260									16.4	264.9	39,800	260
265									6.3	237.6	38,500	265

Liftcrane Luffing Jib Capacities

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

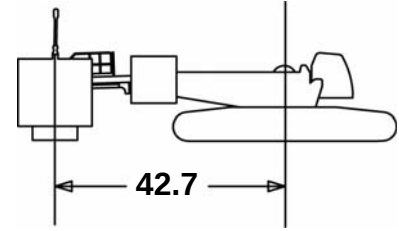
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



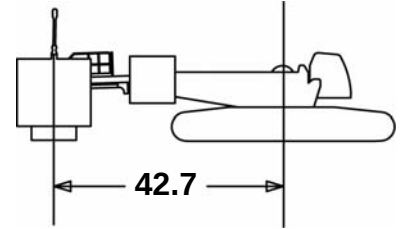
16000 MAX-ER

236.2 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	63.8	403.6	96,500	108,500*	68.2	408.0	84,000	130,000*					105
110	62.0	400.9	90,500	104,300*	66.5	405.8	78,600	127,200*					110
115	60.1	398.1	85,100	100,100*	64.7	403.4	73,800	123,600*					115
120	58.2	395.0	80,200	96,000*	62.9	400.9	69,400	119,700*	67.3	404.8	58,600	126,500*	120
125	56.3	391.7	75,700	92,000*	61.0	398.1	65,400	115,800*	65.5	402.5	55,100	126,500*	125
130	54.3	388.1	71,600	88,100*	59.2	395.1	61,700	111,700*	63.7	400.1	51,800	126,500*	130
135	52.3	384.3	67,700	84,400*	57.2	391.9	58,300	107,600*	61.9	397.4	48,800	126,500*	135
140	50.2	380.1	64,200	80,800*	55.3	388.5	55,100	103,500*	60.0	394.5	46,000	125,600*	140
145	48.0	375.7	60,900	77,400*	53.3	384.8	52,200	99,400*	58.1	391.4	43,500	121,800	145
150	45.8	370.9	57,900	74,200*	51.2	380.8	49,500	95,500*	56.2	388.1	41,000	116,700	150
155	43.4	365.6	55,000	71,200*	49.1	376.5	46,900	91,600*	54.2	384.5	38,800	111,900	155
160	41.0	360.0	52,400	68,300*	46.8	371.8	44,500	87,900*	52.1	380.7	36,700	107,500	160
165	38.4	353.7	49,900	65,700*	44.6	366.8	42,300	84,300*	50.0	376.5	34,700	103,300	165
170	35.7	346.9	47,500	63,300*	42.2	361.4	40,200	80,900*	47.9	372.0	32,900	99,400	170
175	32.7	339.3	45,300	61,100*	39.6	355.4	38,200	77,700*	45.6	367.2	31,100	95,700	175
180	29.5	330.8	43,100	59,100*	37.0	348.9	36,300	74,700*	43.3	361.9	29,500	92,300	180
185	25.9	320.9	41,100	57,400*	34.2	341.7	34,500	71,900*	40.8	356.2	27,900	89,000	185
190	21.8	309.1	39,200	56,100*	31.1	333.6	32,800	69,300*	38.2	350.0	26,400	86,000	190
195	16.7	294.1	37,300	55,100*	27.7	324.4	31,200	67,000*	35.5	343.1	25,000	83,100	195
200	8.9	270.5	35,400	55,100*	23.9	313.7	29,600	64,900*	32.5	335.4	23,600	80,300	200
205					19.3	300.5	28,100	63,300*	29.3	326.8	22,300	77,600	205
210					13.2	282.4	26,600	62,200*	25.7	316.8	21,100	75,100	210
215									21.5	304.9	19,900	72,700	215
220									16.3	289.6	18,700	70,400	220
225									8.1	264.6	17,400	68,100	225
230													230
235													235
240													240
245													245
250													250
255													255
260													260
265													265
270													270
275													275
280													280
285													285

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150												150
155	62.0	392.8	25,400	101,600								155
160	60.1	389.9	23,700	97,500								160
165	58.2	386.8	22,200	93,700								165
170	56.2	383.5	20,700	90,100								170
175	54.3	379.9	19,400	86,800								175
180	52.2	376.1	18,100	83,600								180
185	50.1	371.9	16,900	80,600								185
190	47.9	367.5	15,700	77,800	56.1	376.8	5,100	69,700				190
195	45.7	362.6	14,600	75,100	54.1	373.2	4,300	67,300				195
200	43.4	357.4	13,600	72,600	52.1	369.3	3,600	64,900				200
205	40.9	351.7	12,600	70,200	50.0	365.2	2,800	62,800				205
210	38.3	345.5	11,600	67,900	47.8	360.7	2,200	60,700				210
215	35.6	338.6	10,700	65,700	45.6	355.8	1,500	58,700				215
220	32.6	331.0	9,800	63,600	43.2	350.6		56,800	51.7	360.4	50,100	220
225	29.4	322.4	8,900	61,600	40.8	344.9		55,000	49.6	356.2	48,400	225
230	25.8	312.5	8,100	59,700	38.2	338.6		53,200	47.4	351.6	46,900	230
235	21.7	300.7	7,300	57,800	35.4	331.7		51,600	45.1	346.7	45,400	235
240	16.5	285.5	6,400	56,000	32.5	324.0		50,000	42.8	341.4	43,900	240
245	8.5	261.4	5,500	54,200	29.2	315.4		48,400	40.3	335.5	42,500	245
250					25.6	305.4		46,900	37.7	329.2	41,200	250
255					21.4	293.4		45,500	34.9	322.1	39,900	255
260					16.2	278.0		44,100	31.9	314.3	38,700	260
265					7.8	252.6		42,600	28.6	305.4	37,400*	265
270									24.9	295.1	36,100*	270
275									20.5	282.7	34,900*	275
280									15.0	266.2	33,600*	280
285									4.5	234.2	32,300*	285

Liftcrane Luffing Jib Capacities

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

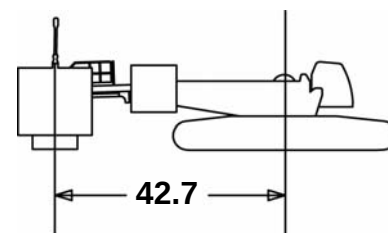
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



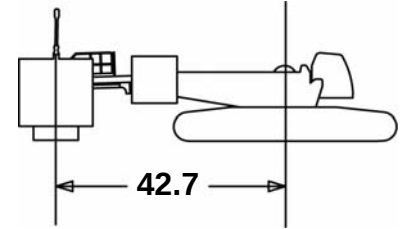
16000 MAX-ER

236.2 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	63.4	420.6	83,600	93,600*	67.4	425.1	72,000	112,600*					115
120	61.8	417.9	78,700	90,200*	65.8	422.9	67,600	110,000*					120
125	60.1	415.0	74,200	86,800*	64.2	420.4	63,600	107,100*					125
130	58.4	412.0	70,000	83,400*	62.5	417.9	59,900	104,000*	66.5	421.9	49,800	109,200*	130
135	56.6	408.7	66,200	80,200*	60.9	415.1	56,500	100,800*	64.9	419.6	46,800	109,200*	135
140	54.9	405.2	62,700	77,000*	59.2	412.1	53,400	97,500*	63.3	417.1	44,000	109,200*	140
145	53.0	401.4	59,400	74,000*	57.5	408.9	50,500	94,200*	61.6	414.4	41,500	109,200*	145
150	51.2	397.5	56,400	71,000*	55.7	405.5	47,700	90,900*	60.0	411.5	39,100	109,200*	150
155	49.3	393.2	53,600	68,200*	53.9	401.9	45,200	87,600*	58.3	408.4	36,900	107,000*	155
160	47.3	388.6	50,900	65,600*	52.1	398.0	42,800	84,400*	56.5	405.1	34,800	104,000*	160
165	45.2	383.7	48,400	63,000*	50.2	393.9	40,600	81,200*	54.7	401.6	32,800	100,900*	165
170	43.1	378.4	46,100	60,600*	48.2	389.5	38,500	78,100*	52.9	397.8	31,000	97,800*	170
175	40.9	372.7	43,900	58,400*	46.2	384.7	36,600	75,200*	51.0	393.8	29,300	94,200	175
180	38.6	366.5	41,800	56,300*	44.1	379.6	34,700	72,300*	49.1	389.5	27,700	90,800	180
185	36.2	359.8	39,800	54,400*	42.0	374.1	33,000	69,600*	47.1	384.9	26,100	87,600	185
190	33.6	352.4	37,900	52,600*	39.7	368.2	31,300	67,000*	45.1	380.0	24,600	84,500	190
195	30.8	344.2	36,100	50,900*	37.3	361.7	29,700	64,600*	43.0	374.7	23,300	81,600	195
200	27.7	335.0	34,400	49,500*	34.8	354.7	28,200	62,300*	40.8	369.0	21,900	78,900	200
205	24.3	324.5	32,800	48,300*	32.1	346.9	26,800	60,200*	38.4	362.7	20,700	76,200*	205
210	20.4	311.8	31,200	47,300*	29.2	338.2	25,400	58,200*	36.0	356.0	19,500	73,400*	210
215	15.4	295.6	29,700	46,700*	26.0	328.3	24,000	56,400*	33.4	348.5	18,300	70,800*	215
220	7.7	269.4	28,000	46,700*	22.3	316.8	22,800	54,900*	30.6	340.3	17,200	68,400*	220
225					18.0	302.6	21,500	53,700*	27.5	331.0	16,100	66,200*	225
230					12.0	282.9	20,200	53,100*	24.1	320.3	15,100	64,100*	230
235									20.1	307.5	14,100	62,300*	235
240									15.0	291.0	13,000	60,800*	240
245									6.8	263.0	11,900	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
 137,850 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
115											115
120											120
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165	61.7	409.7	20,000	91,900							165
170	60.0	406.9	18,500	88,400							170
175	58.3	403.8	17,200	85,000							175
180	56.6	400.5	15,900	81,900							180
185	54.8	397.0	14,800	78,900							185
190	53.0	393.2	13,600	76,100							190
195	51.1	389.2	12,500	73,400							195
200	49.2	385.0	11,500	70,900	56.5	393.8	63,100				200
205	47.2	380.4	10,600	68,500	54.7	390.3	60,900				205
210	45.2	375.4	9,600	66,300	52.9	386.5	58,900				210
215	43.1	370.1	8,700	64,100	51.0	382.5	56,900				215
220	40.9	364.4	7,900	62,100	49.1	378.2	55,000				220
225	38.5	358.2	7,100	60,100	47.1	373.6	53,200				225
230	36.1	351.5	6,300	58,200	45.1	368.6	51,500	52.5	377.6	45,000	230
235	33.5	344.1	5,500	56,400	42.9	363.3	49,900	50.6	373.5	43,400*	235
240	30.7	335.9	4,800	54,700	40.7	357.6	48,300	48.7	369.2	41,900*	240
245	27.6	326.7	4,000	53,000	38.4	351.4	46,800	46.7	364.5	40,400*	245
250	24.2	316.0	3,300	51,400	35.9	344.6	45,400	44.7	359.5	39,000*	250
255	20.2	303.3	2,600	49,800	33.3	337.2	44,000	42.5	354.1	37,700*	255
260	15.3	287.0	1,900	48,300	30.5	328.9	42,600	40.3	348.3	36,400*	260
265	7.3	260.0		46,800	27.4	319.6	41,300	37.9	342.0	35,100*	265
270					24.0	308.8	40,100	35.5	335.1	33,900*	270
275					20.0	296.0	38,800	32.8	327.5	32,700*	275
280					14.9	279.3	37,600	30.0	319.1	31,500*	280
285					6.5	250.8	36,400	26.8	309.5	30,400*	285
290								23.3	298.4	29,300*	290
295								19.1	285.0	28,200*	295
300								13.7	267.2	27,200*	300
305								1.9	227.0	25,900*	305

Liftcrane Luffing Jib Capacities

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

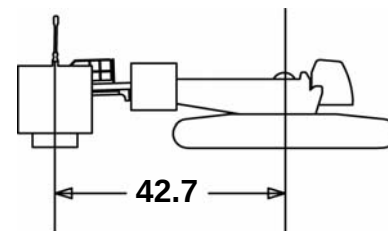
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



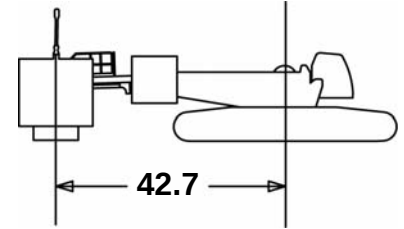
16000 MAX-ER

236.2 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
125	63.1	437.6	72,500	81,000*	66.7	442.2	61,800	97,400*					125
130	61.5	434.9	68,400	78,300*	65.2	439.9	58,100	95,500*					130
135	60.0	432.0	64,600	75,600*	63.8	437.4	54,700	93,100*	67.4	441.2	44,800	94,000*	135
140	58.5	428.9	61,000	72,900*	62.3	434.8	51,500	90,600*	65.9	439.0	42,000	94,000*	140
145	56.9	425.7	57,800	70,300*	60.8	432.0	48,600	88,000*	64.4	436.6	39,500	94,000*	145
150	55.3	422.2	54,700	67,700*	59.2	429.1	45,900	85,400*	63.0	434.0	37,100	94,000*	150
155	53.6	418.6	51,900	65,200*	57.6	425.9	43,400	82,800*	61.4	431.3	34,900	94,000*	155
160	52.0	414.7	49,200	62,800*	56.1	422.5	41,000	80,100*	59.9	428.4	32,800	94,000*	160
165	50.3	410.5	46,800	60,500*	54.4	419.0	38,800	77,500*	58.4	425.4	30,900	94,000*	165
170	48.5	406.2	44,400	58,300*	52.8	415.2	36,700	74,800*	56.8	422.1	29,100	91,700*	170
175	46.7	401.5	42,200	56,100*	51.1	411.2	34,800	72,200*	55.2	418.6	27,300	89,200*	175
180	44.8	396.5	40,200	54,100*	49.3	406.9	32,900	69,700*	53.5	415.0	25,700	86,700*	180
185	42.9	391.2	38,200	52,200*	47.5	402.4	31,200	67,300*	51.9	411.1	24,200	84,200*	185
190	40.9	385.5	36,300	50,400*	45.7	397.5	29,500	64,900*	50.1	406.9	22,800	81,600*	190
195	38.8	379.3	34,600	48,700*	43.8	392.4	28,000	62,600*	48.4	402.5	21,400	79,000*	195
200	36.6	372.7	32,900	47,200*	41.8	386.9	26,500	60,400*	46.6	397.8	20,100	76,500*	200
205	34.3	365.5	31,300	45,700*	39.8	380.9	25,100	58,400*	44.7	392.8	18,800	74,000*	205
210	31.8	357.5	29,800	44,400*	37.6	374.5	23,700	56,400*	42.7	387.4	17,600	71,500*	210
215	29.1	348.8	28,300	43,200*	35.4	367.6	22,400	54,500*	40.7	381.7	16,500	69,100*	215
220	26.2	339.0	26,900	42,100*	33.0	360.0	21,200	52,800*	38.6	375.5	15,400	66,800*	220
225	22.9	327.7	25,500	41,200*	30.4	351.7	20,000	51,200*	36.4	368.9	14,400	64,600*	225
230	19.1	314.2	24,200	40,500*	27.6	342.5	18,800	49,700*	34.1	361.6	13,400	62,500*	230
235	14.3	296.8	22,900	40,200*	24.5	331.9	17,700	48,300*	31.6	353.6	12,400	60,500*	235
240	6.5	267.6	21,500	40,200*	21.0	319.6	16,600	47,200*	28.9	344.8	11,500	58,600*	240
245					16.8	304.4	15,600	46,400*	26.0	334.9	10,600	56,800*	245
250					11.0	283.1	14,500	45,900*	22.7	323.5	9,700	55,300*	250
255									18.8	309.8	8,800	53,900*	255
260									13.9	292.0	8,000	52,800*	260
265									5.5	260.6	7,000	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
 137,850 lb Hanging Counterweight
 at 42.7 ft Position
 360 Degree Rating



16000 MAX-ER

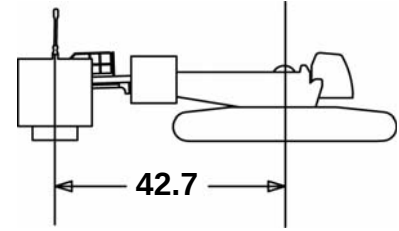
236.2 ft Boom, 216.5 ft Luffing Jib

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
125											125
130											130
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170											170
175	61.5	426.7	15,100	83,300							175
180	60.0	423.8	13,800	80,100							180
185	58.4	420.7	12,600	77,200							185
190	56.8	417.5	11,500	74,400							190
195	55.2	414.0	10,500	71,800							195
200	53.6	410.4	9,400	69,300							200
205	51.9	406.5	8,500	66,900							205
210	50.2	402.3	7,600	64,600	56.8	410.8	57,100				210
215	48.4	397.9	6,700	62,500	55.1	407.4	55,100				215
220	46.6	393.2	5,900	60,400	53.5	403.7	53,300				220
225	44.8	388.2	5,100	58,500	51.8	399.8	51,500				225
230	42.8	382.9	4,300	56,600	50.1	395.6	49,800				230
235	40.8	377.2	3,600	54,800	48.3	391.2	48,200				235
240	38.7	371.0	2,900	53,100	46.5	386.5	46,600				240
245	36.5	364.4	2,200	51,500	44.6	381.5	45,100	51.5	390.8	38,000*	245
250	34.2	357.1	1,500	49,900	42.7	376.1	43,700	49.8	386.6	36,600*	250
255	31.7	349.2		48,400	40.7	370.3	42,300	48.0	382.1	35,300*	255
260	29.0	340.5		46,900	38.6	364.2	41,000	46.2	377.4	34,000*	260
265	26.1	330.6		45,500	36.4	357.5	39,700	44.3	372.3	32,800*	265
270	22.8	319.2		44,200	34.0	350.2	38,500	42.3	366.9	31,600*	270
275	19.0	305.7		42,800	31.5	342.2	37,300	40.3	361.0	30,400*	275
280	14.2	288.1		41,500	28.9	333.4	36,200	38.2	354.8	29,300*	280
285	6.1	258.0		40,200	25.9	323.5	35,000	35.9	348.0	28,200*	285
290					22.6	312.0	33,900*	33.6	340.6	27,200*	290
295					18.7	298.3	32,700*	31.1	332.5	26,100*	295
300					13.8	280.4	31,500*	28.3	323.5	25,100*	300
305					5.2	248.1	30,200*	25.3	313.3	24,200*	305
310								21.9	301.5	23,200*	310
315								17.9	287.1	22,300*	315
320								12.7	268.0	21,300*	320

Liftcrane Luffing Jib Capacities

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

332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
137,850 lb Hanging Counterweight
at 42.7 ft Position
360 Degree Rating



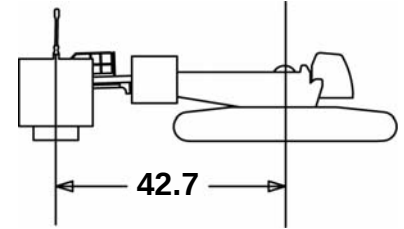
16000 MAX-ER

236.2 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
135	62.8	454.5	63,000	70,400*	66.1	459.3	52,900	84,200*					135
140	61.4	451.8	59,500	68,200*	64.8	456.9	49,800	83,000*					140
145	60.0	448.9	56,200	66,000*	63.4	454.4	46,900	81,100*	66.7	458.3	37,500	81,300*	145
150	58.6	445.9	53,200	63,800*	62.0	451.8	44,200	79,100*	65.4	456.0	35,200	81,300*	150
155	57.1	442.7	50,400	61,700*	60.6	449.0	41,700	77,000*	64.0	453.6	33,000	81,300*	155
160	55.6	439.3	47,700	59,600*	59.2	446.0	39,300	74,900*	62.7	451.0	30,900	81,300*	160
165	54.2	435.7	45,300	57,500*	57.8	442.9	37,100	72,800*	61.3	448.3	29,000	81,300*	165
170	52.6	431.9	42,900	55,600*	56.3	439.6	35,000	70,600*	59.9	445.4	27,200	81,300*	170
175	51.1	427.9	40,700	53,700*	54.9	436.1	33,100	68,500*	58.5	442.3	25,500	81,300*	175
180	49.5	423.6	38,700	51,800*	53.4	432.4	31,300	66,400*	57.0	439.1	23,900	80,700*	180
185	47.9	419.1	36,700	50,000*	51.8	428.4	29,500	64,300*	55.5	435.7	22,400	78,800*	185
190	46.2	414.4	34,900	48,300*	50.2	424.3	27,900	62,200*	54.0	432.1	20,900	76,800*	190
195	44.5	409.3	33,100	46,700*	48.6	419.9	26,300	60,200*	52.5	428.3	19,600	74,800*	195
200	42.7	403.9	31,500	45,200*	47.0	415.3	24,900	58,200*	51.0	424.2	18,300	72,700*	200
205	40.8	398.2	29,900	43,700*	45.3	410.4	23,500	56,300*	49.4	420.0	17,100	70,700*	205
210	38.9	392.1	28,400	42,400*	43.5	405.2	22,100	54,500*	47.7	415.5	15,900	68,600*	210
215	36.9	385.5	26,900	41,100*	41.7	399.6	20,900	52,700*	46.1	410.7	14,800	66,600*	215
220	34.8	378.4	25,600	39,900*	39.8	393.7	19,600	51,000*	44.3	405.6	13,700	64,600*	220
225	32.6	370.7	24,200	38,800*	37.9	387.3	18,500	49,400*	42.5	400.2	12,700	62,600*	225
230	30.2	362.3	23,000	37,800*	35.8	380.5	17,400	47,900*	40.7	394.5	11,700	60,700*	230
235	27.7	353.1	21,800	36,800*	33.7	373.1	16,300	46,400*	38.8	388.3	10,800	58,700*	235
240	24.8	342.6	20,600	36,000*	31.4	365.1	15,200	45,100*	36.8	381.7	9,900	56,900*	240
245	21.7	330.6	19,400	35,400*	28.9	356.2	14,200	43,800*	34.7	374.6	9,000	55,200*	245
250	18.0	316.3	18,300	34,900*	26.2	346.4	13,300	42,700*	32.4	366.9	8,200	53,600*	250
255	13.3	297.7	17,200	34,700*	23.2	335.2	12,300	41,700*	30.0	358.4	7,400	52,000*	255
260	5.3	265.1	16,000	34,700*	19.9	322.1	11,400	40,800*	27.5	349.0	6,600	50,500*	260
265					15.7	306.0	10,500	40,200*	24.6	338.5	5,800	49,200*	265
270					10.0	282.9	9,500	40,000*	21.5	326.4	5,000	47,900*	270
275									17.7	311.9	4,300	46,900*	275
280									13.0	292.9	3,500	45,700*	280
285									4.2	257.0	2,700	38,500*	285
290													290
295													295
300													300
305													305
310													310
315													315
320													320
325													325
330													330
335													335
340													340

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
135											135
140											140
145											145
150											150
155											155
160											160
165											165
170											170
175											175
180	62.7	446.4	11,700	74,500*							180
185	61.3	443.7	10,500	74,500*							185
190	59.9	440.8	9,400	72,700							190
195	58.5	437.7	8,400	70,100							195
200	57.1	434.5	7,400	67,600							200
205	55.6	431.1	6,500	65,300							205
210	54.1	427.5	5,600	63,000							210
215	52.6	423.7	4,700	60,900							215
220	51.0	419.6	3,900	58,900	57.0	427.8	51,500				220
225	49.4	415.4	3,100	56,900	55.5	424.4	49,700				225
230	47.8	410.9	2,400	55,100	54.0	420.8	48,100				230
235	46.1	406.1	1,600	53,300	52.5	417.0	46,500				235
240	44.4	401.0		51,600	50.9	412.9	44,900				240
245	42.6	395.7		50,000	49.3	408.6	43,400				245
250	40.8	389.9		48,400	47.7	404.1	42,000				250
255	38.9	383.8		46,900	46.0	399.3	40,700	52.2	408.0	32,800*	255
260	36.8	377.2		45,500	44.3	394.3	39,400	50.6	404.0	31,600*	260
265	34.7	370.1		44,100	42.5	388.9	38,000*	49.0	399.6	30,400*	265
270	32.5	362.4		42,800	40.7	383.1	36,700*	47.4	395.1	29,200*	270
275	30.1	354.0		41,500	38.7	376.9	35,400*	45.7	390.2	28,100*	275
280	27.6	344.7		40,200	36.7	370.3	34,200*	44.0	385.1	27,000*	280
285	24.8	334.2		39,000	34.6	363.2	33,000*	42.2	379.6	25,900*	285
290	21.6	322.2		37,900	32.4	355.5	31,800*	40.3	373.8	24,900*	290
295	17.9	307.7		36,700	30.0	347.0	30,700*	38.4	367.5	23,900*	295
300	13.2	289.0		35,600	27.4	337.6	29,600*	36.3	360.9	22,900*	300
305	4.9	255.1		34,400	24.6	327.1	28,500*	34.2	353.6	22,000*	305
310					21.4	314.9	27,500*	31.9	345.7	21,100*	310
315					17.7	300.3	26,500*	29.5	337.1	20,200*	315
320					12.8	281.1	25,400*	26.9	327.5	19,300*	320
325					3.7	244.0	24,300*	24.0	316.7	18,500*	325
330								20.7	304.2	17,700*	330
335								16.9	289.0	16,800*	335
340								11.7	268.4	16,000*	340

Liftcrane Luffing Jib Capacities

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

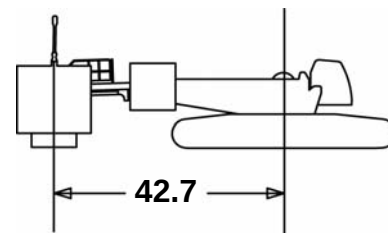
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



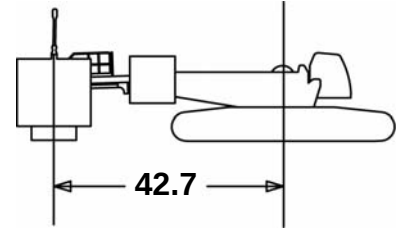
16000 MAX-ER

236.2 ft Boom, 255.9 ft Luffing Jib

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
145											145
150											150
155											155
160											160
165											165
170											170
175											175
180											180
185											185
190	62.5	463.4	7,600	64,000*							190
195	61.2	460.6	6,600	64,000*							195
200	59.9	457.7	5,600	64,000*							200
205	58.6	454.7	4,700	63,800							205
210	57.3	451.5	3,800	61,600							210
215	55.9	448.1	3,000	59,500							215
220	54.5	444.6	2,200	57,500							220
225	53.1	440.8		55,500							225
230	51.7	436.9		53,700	57.2	444.8	46,600				230
235	50.3	432.8		51,900	55.8	441.4	45,000				235
240	48.8	428.4		50,300	54.5	437.9	43,400				240
245	47.3	423.8		48,600	53.1	434.1	41,900*				245
250	45.7	419.0		47,100	51.6	430.2	40,400*				250
255	44.1	413.9		45,600	50.2	426.0	38,900*				255
260	42.4	408.4		44,200	48.7	421.6	37,500*				260
265	40.7	402.7		42,800	47.2	417.0	36,100*	52.8	425.2	28,300*	265
270	39.0	396.6		41,500	45.6	412.2	34,800*	51.4	421.2	27,200*	270
275	37.1	390.0		40,200	44.0	407.0	33,600*	49.9	417.0	26,100*	275
280	35.2	383.0		39,000	42.3	401.6	32,300*	48.4	412.6	25,000*	280
285	33.2	375.5		37,800	40.6	395.8	31,200*	46.9	408.0	23,900*	285
290	31.0	367.4		36,700	38.9	389.7	30,000*	45.3	403.1	22,900*	290
295	28.8	358.5		35,500	37.0	383.1	28,900*	43.7	397.9	22,000*	295
300	26.3	348.6		34,500	35.1	376.1	27,800*	42.0	392.4	21,000*	300
305	23.6	337.6		33,400	33.1	368.6	26,800*	40.3	386.5	20,100*	305
310	20.5	324.9		32,400	30.9	360.4	25,800*	38.5	380.3	19,200*	310
315	16.9	309.6		31,400*	28.6	351.4	24,800*	36.7	373.7	18,300*	315
320	12.3	289.6		30,200*	26.1	341.5	23,900*	34.7	366.6	17,500*	320
325	3.5	250.6		29,000*	23.4	330.4	22,900*	32.7	358.9	16,700*	325
330					20.3	317.6	22,000*	30.5	350.6	15,900*	330
335					16.7	302.1	21,100*	28.2	341.5	15,100*	335
340					12.0	281.6	20,200*	25.6	331.4	14,400*	340
345					1.5	235.2	19,100*	22.9	320.0	13,600*	345
350								19.7	306.7	12,900*	350
355								15.9	290.6	12,100*	355
360								10.8	268.6	11,400*	360

Liftcrane Luffing Jib Capacities

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

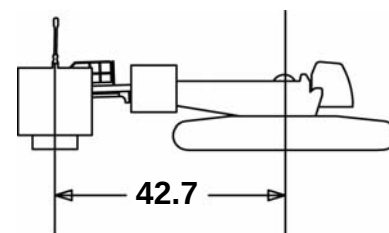
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



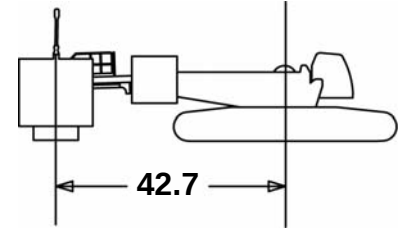
16000 MAX-ER

236.2 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	488.5	47,300	53,400*	65.2	493.4	38,200	61,700*	68.0	496.9	29,200	59,700*	155
160	61.1	485.7	44,600	52,000*	64.0	491.0	35,900	61,500*	66.8	494.7	27,200	59,600*	160
165	59.9	482.9	42,200	50,500*	62.8	488.4	33,700	61,300*	65.7	492.5	25,300	59,600*	165
170	58.7	479.8	39,800	49,100*	61.7	485.7	31,600	60,300*	64.5	490.1	23,500	59,600*	170
175	57.5	476.6	37,700	47,700*	60.5	482.9	29,700	58,900*	63.4	487.6	21,800	59,600*	175
180	56.2	473.3	35,600	46,300*	59.3	479.9	27,900	57,600*	62.2	485.0	20,200	59,600*	180
185	54.9	469.8	33,700	44,900*	58.0	476.8	26,200	56,300*	61.0	482.2	18,700	59,500*	185
190	53.6	466.1	31,800	43,600*	56.8	473.6	24,500	54,900*	59.8	479.3	17,300	59,400*	190
195	52.3	462.3	30,100	42,300*	55.5	470.1	23,000	53,500*	58.6	476.3	16,000	59,300*	195
200	51.0	458.3	28,400	41,000*	54.3	466.5	21,600	52,100*	57.4	473.1	14,700	59,200*	200
205	49.6	454.0	26,900	39,800*	53.0	462.8	20,200	50,700*	56.1	469.7	13,500	59,100*	205
210	48.3	449.6	25,400	38,600*	51.6	458.9	18,900	49,400*	54.9	466.2	12,300	59,000*	210
215	46.8	444.9	24,000	37,400*	50.3	454.7	17,600	48,000*	53.6	462.5	11,300	58,600*	215
220	45.4	440.0	22,600	36,300*	48.9	450.4	16,400	46,700*	52.2	458.7	10,200	57,400*	220
225	43.9	434.9	21,300	35,300*	47.5	445.8	15,300	45,400*	50.9	454.6	9,200	56,100*	225
230	42.3	429.4	20,100	34,200*	46.1	441.0	14,200	44,100*	49.5	450.4	8,300	54,800*	230
235	40.8	423.7	18,900	33,300*	44.6	436.0	13,100	42,900*	48.2	446.0	7,400	53,500*	235
240	39.1	417.6	17,800	32,400*	43.1	430.7	12,100	41,700*	46.7	441.3	6,500	52,200*	240
245	37.4	411.1	16,700	31,500*	41.5	425.1	11,100	40,500*	45.3	436.4	5,600	50,800*	245
250	35.7	404.2	15,600	30,700*	39.9	419.2	10,200	39,400*	43.8	431.2	4,800	49,500*	250
255	33.8	396.9	14,600	29,900*	38.2	412.9	9,300	38,300*	42.2	425.7	4,100	48,300*	255
260	31.9	389.0	13,600	29,200*	36.5	406.2	8,500	37,300*	40.7	419.9	3,300	47,000*	260
265	29.8	380.4	12,700	28,600*	34.7	399.1	7,600	36,300*	39.0	413.8	2,600	45,800*	265
270	27.6	371.1	11,800	28,000*	32.8	391.5	6,800	35,300*	37.3	407.3	1,900	44,600*	270
275	25.2	360.8	10,900	27,500*	30.8	383.2	6,000	34,500*	35.5	400.4		43,500*	275
280	22.6	349.2	10,000	27,000*	28.7	374.3	5,300	33,700*	33.7	393.0		42,400*	280
285	19.6	335.9	9,200	26,700*	26.4	364.5	4,600	33,000*	31.7	385.1		41,300*	285
290	16.1	319.9	8,300	26,500*	23.9	353.5	3,800	32,300*	29.7	376.5		40,300*	290
295	11.6	298.8	7,500	26,500*	21.1	341.1	3,100	31,700*	27.4	367.1		39,300*	295
300	2.5	255.2	6,500	21,500*	17.9	326.5	2,400	31,300*	25.0	356.7		38,400*	300
305					14.0	308.4	1,700	31,000*	22.4	345.0		37,300*	305
310					8.3	281.7		26,900*	19.4	331.5		35,800*	310
315									15.9	315.3		34,300*	315
320									11.3	293.7		30,600*	320
325													325
330													330
335													335
340													340
345													345
350													350
355													355
360													360
365													365
370													370
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
 137,850 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
155											155
160											160
165											165
170											170
175											175
180											180
185											185
190											190
195											195
200	62.3	480.3	3,400	54,400*							200
205	61.1	477.6	2,500	54,400*							205
210	59.9	474.7	1,600	54,400*							210
215	58.7	471.6		54,400*							215
220	57.4	468.5		54,400*							220
225	56.2	465.1		53,800							225
230	54.9	461.6		52,000							230
235	53.6	457.9		50,200							235
240	52.3	454.1		48,600	57.3	461.8	41,000*				240
245	51.0	450.1		47,000	56.1	458.4	39,400*				245
250	49.6	445.8		45,400	54.8	454.9	37,900*				250
255	48.2	441.4		44,000	53.5	451.2	36,500*				255
260	46.8	436.7		42,600	52.2	447.4	35,100*				260
265	45.3	431.8		41,200	50.9	443.3	33,700*				265
270	43.8	426.6		39,900	49.5	439.1	32,400*				270
275	42.3	421.2		38,600	48.1	434.6	31,200*				275
280	40.7	415.4		37,400	46.7	429.9	30,000*	52.0	438.5	22,400*	280
285	39.1	409.3		36,200	45.2	425.0	28,800*	50.6	434.4	21,400*	285
290	37.4	402.9		35,100	43.7	419.8	27,700*	49.3	430.1	20,400*	290
295	35.6	396.0		34,000*	42.2	414.4	26,600*	47.9	425.6	19,500*	295
300	33.7	388.6		32,800*	40.6	408.6	25,600*	46.4	420.9	18,600*	300
305	31.8	380.6		31,600*	39.0	402.5	24,500*	45.0	415.9	17,700*	305
310	29.7	372.1		30,500*	37.3	396.0	23,600*	43.5	410.6	16,800*	310
315	27.5	362.7		29,400*	35.5	389.0	22,600*	41.9	405.1	15,900*	315
320	25.1	352.4		28,400*	33.6	381.6	21,700*	40.3	399.3	15,100*	320
325	22.5	340.7		27,300*	31.7	373.7	20,800*	38.7	393.1	14,300*	325
330	19.5	327.4		26,300*	29.6	365.0	19,900*	36.9	386.5	13,600*	330
335	16.0	311.2		25,300*	27.4	355.6	19,000*	35.2	379.5	12,800*	335
340	11.5	290.0		24,300*	25.0	345.2	18,200*	33.3	372.0	12,100*	340
345	1.1	240.6		23,100*	22.3	333.5	17,300*	31.3	363.9	11,400*	345
350					19.3	320.0	16,500*	29.2	355.2	10,700*	350
355					15.8	303.7	15,700*	27.0	345.6	10,000*	355
360					11.2	281.9	14,900*	24.5	335.0	9,300*	360
365								21.8	323.0	8,600*	365
370								18.7	309.0	8,000*	370
375								15.0	292.0	7,300*	375
380								10.0	268.4	6,600*	380

Liftcrane Luffing Jib Capacities

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

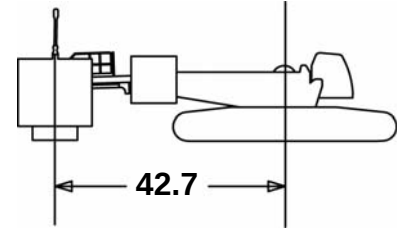
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



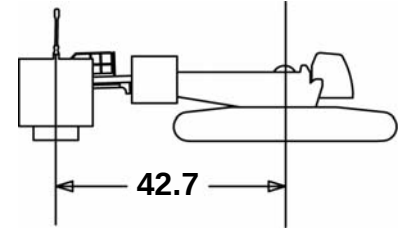
16000 MAX-ER

255.9 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				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	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	57.9	330.7	169,000	195,300*b	69.0	336.5	149,500	225,100*c					70
75	53.4	327.0	154,900	185,200*b	65.0	334.1	137,000	222,400*c					75
80	48.6	322.7	142,700	175,600*	60.8	331.4	126,200	215,700*b					80
85	43.3	317.5	132,100	166,700*	56.5	328.1	116,700	205,800*b	67.6	333.6	101,200	224,000*c	85
90	37.5	311.2	122,700	158,800*	51.9	324.2	108,400	196,000*b	63.6	331.1	93,900	221,700*b	90
95	30.6	303.3	114,300	152,100*	46.9	319.7	101,000	186,400*	59.4	328.2	87,400	211,300b	95
100	21.8	292.2	106,600	147,400*	41.5	314.2	94,400	177,500*	54.9	324.7	81,700	198,500b	100
105					35.4	307.4	88,400	169,300*	50.2	320.6	76,400	186,900b	105
110					28.1	298.7	82,800	160,400*	45.2	315.8	71,700	176,600	110
115					18.1	285.9	77,600	150,400*	39.6	309.9	67,300	167,200	115
120									33.1	302.6	63,300	158,600	120
125									25.2	292.9	59,500	150,700	125
130									12.8	276.7	55,700	143,300	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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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.	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													95
100													100
105													105
110													110
115	61.0	324.2	49,200	153,200b									115
120	56.6	321.0	46,200	145,400b									120
125	52.0	317.1	43,400	138,300b									125
130	47.1	312.6	40,800	131,800									130
135	41.7	307.1	38,300	125,700									135
140	35.7	300.4	36,000	120,100	57.8	314.9	21,800	109,200b					140
145	28.4	291.8	33,800	114,900	53.3	311.2	20,300	104,500b					145
150	18.5	279.2	31,600	109,900	48.5	306.9	18,800	100,100					150
155					43.2	301.7	17,500	96,100					155
160					37.4	295.4	16,200	92,200					160
165					30.5	287.4	14,900	88,600					165
170					21.6	276.2	13,600	85,100	49.1	298.6	2,700	76,800b	170
175									43.9	293.6	1,900	73,900	175
180									38.2	287.4		71,200	180
185									31.5	279.7		68,600	185
190									23.0	269.2		66,100	190
195									6.7	247.4		63,400	195

Liftcrane Luffing Jib Capacities

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

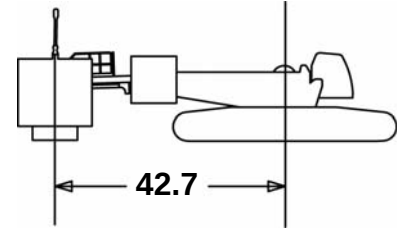
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



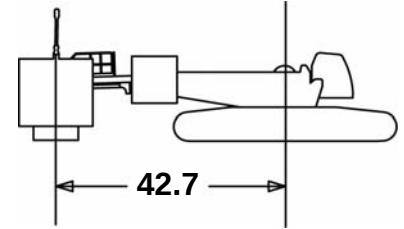
16000 MAX-ER

255.9 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	58.2	347.6	142,400	162,500* ^b	67.1	353.6	125,200	193,700* ^b					80
85	54.6	344.1	131,800	154,400*	63.9	351.1	115,800	189,500* ^b					85
90	50.9	340.1	122,500	146,700*	60.5	348.3	107,600	181,700* ^b					90
95	47.0	335.5	114,300	139,400*	57.1	345.1	100,300	173,700*	66.0	350.6	86,200	193,100* ^b	95
100	42.7	330.2	106,900	132,700*	53.5	341.5	93,700	165,900*	62.8	348.1	80,400	191,900* ^b	100
105	38.1	324.0	100,200	126,700*	49.7	337.3	87,800	158,100*	59.4	345.1	75,300	185,600* ^b	105
110	32.9	316.6	94,200	121,400*	45.6	332.5	82,500	150,700*	55.9	341.8	70,600	175,600	110
115	26.7	307.3	88,600	117,100*	41.3	326.9	77,600	143,700*	52.2	338.0	66,400	166,300	115
120	18.7	294.4	83,400	114,400*	36.5	320.4	73,200	137,300*	48.3	333.6	62,500	157,900	120
125					31.0	312.4	69,000	131,700*	44.2	328.5	59,000	150,200	125
130					24.5	302.3	65,200	127,000*	39.7	322.7	55,600	143,100	130
135					15.2	287.2	61,400	124,000*	34.7	315.7	52,600	136,600	135
140									29.0	307.2	49,700	130,500	140
145									21.8	295.9	46,900	124,800	145
150									10.1	276.4	44,100	119,400	150
155													155
160													160
165													165
170													170
175													175
180													180
185													185
190													190
195													195
200													200
205													205
210													210

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80												80
85												85
90												90
95												95
100												100
105												105
110												110
115												115
120												120
125	60.7	341.2	41,900	137,000								125
130	57.2	338.0	39,400	130,600								130
135	53.6	334.3	37,000	124,600								135
140	49.8	330.2	34,900	119,100								140
145	45.8	325.4	32,800	114,000								145
150	41.4	319.9	30,900	109,300								150
155	36.7	313.4	29,100	104,900	54.6	328.4	16,000	94,800				155
160	31.2	305.5	27,400	100,700	50.8	324.3	14,800	91,000				160
165	24.7	295.4	25,700	96,800	46.9	319.7	13,600	87,500				165
170	15.6	280.6	24,000	93,000	42.6	314.4	12,500	84,200				170
175					38.0	308.2	11,500	81,100				175
180					32.8	300.8	10,500	78,200	51.3	316.0	69,900	180
185					26.6	291.4	9,500	75,300	47.4	311.5	67,400	185
190					18.5	278.4	8,500	72,600	43.2	306.3	65,000	190
195									38.6	300.2	62,800	195
200									33.5	293.0	60,600	200
205									27.5	284.0	58,500	205
210									19.8	271.6	56,500	210

Liftcrane Luffing Jib Capacities

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

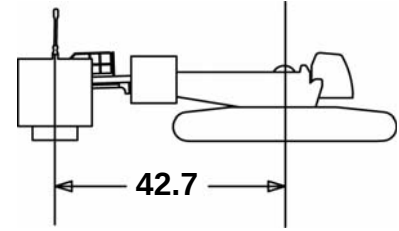
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



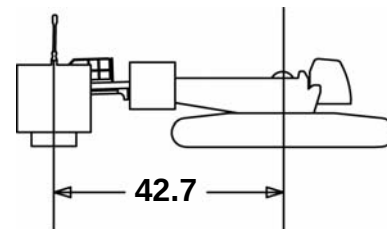
16000 MAX-ER

255.9 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	58.4	364.6	121,400	136,600*	65.9	370.6	105,900	166,900*b					90
95	55.5	361.2	113,200	130,100*	63.1	368.1	98,600	160,800*					95
100	52.4	357.4	105,800	123,900*	60.4	365.3	92,100	154,400*	67.6	370.0	78,400	167,900*b	100
105	49.2	353.1	99,300	118,000*	57.5	362.1	86,300	148,100*	64.9	367.7	73,300	167,600*b	105
110	45.9	348.4	93,300	112,500*	54.5	358.6	81,000	141,700*	62.2	365.0	68,700	166,700*	110
115	42.3	343.0	87,900	107,400*	51.4	354.6	76,200	135,400*	59.4	362.1	64,500	163,900*	115
120	38.5	336.8	82,900	102,800*	48.2	350.2	71,800	129,300*	56.5	358.8	60,700	156,300	120
125	34.3	329.7	78,400	98,600*	44.8	345.3	67,800	123,500*	53.5	355.1	57,200	148,700	125
130	29.5	321.3	74,100	95,000*	41.1	339.6	64,100	118,100*	50.4	351.0	54,000	141,700	130
135	23.9	310.8	70,200	92,200*	37.2	333.2	60,700	113,000*	47.1	346.5	51,000	135,200	135
140	16.3	296.1	66,400	90,700*	32.8	325.7	57,500	108,500*	43.6	341.3	48,200	129,300	140
145					27.8	316.7	54,500	104,500*	39.8	335.4	45,600	123,700	145
150					21.7	305.3	51,600	101,300*	35.8	328.7	43,200	118,600	150
155					13.0	288.0	48,800	99,500*	31.2	320.7	40,900	113,800	155
160									25.9	311.1	38,700	109,300	160
165									19.3	298.3	36,600	105,000	165
170									7.8	275.3	34,400	100,800	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
 137,850 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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
90													90
95													95
100													100
105													105
110													110
115													115
120													120
125													125
130													130
135	60.5	358.1	34,800	122,800									135
140	57.6	355.0	32,700	117,300									140
145	54.6	351.5	30,700	112,300									145
150	51.5	347.5	28,900	107,600									150
155	48.3	343.1	27,200	103,300									155
160	44.9	338.2	25,600	99,200									160
165	41.3	332.6	24,000	95,400	55.4	345.4	11,300	85,600					165
170	37.3	326.2	22,600	91,800	52.4	341.6	10,300	82,400					170
175	33.0	318.8	21,200	88,400	49.2	337.3	9,300	79,300					175
180	28.0	309.8	19,800	85,200	45.8	332.6	8,400	76,500					180
185	22.0	298.5	18,500	82,100	42.3	327.2	7,500	73,700					185
190	13.4	281.5	17,100	79,100	38.4	321.0	6,700	71,200	52.8	333.3	63,100		190
195					34.2	313.9	5,900	68,700	49.6	329.1	60,900		195
200					29.4	305.4	5,100	66,400	46.3	324.4	58,800		200
205					23.7	294.8	4,300	64,100	42.7	319.1	56,800		205
210					16.2	280.1	3,400	61,900	38.9	313.0	54,900		210
215									34.8	306.0	53,100		215
220									30.1	297.8	51,400		220
225									24.6	287.5	49,700		225
230									17.4	273.6	48,000		230

Liftcrane Luffing Jib Capacities

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

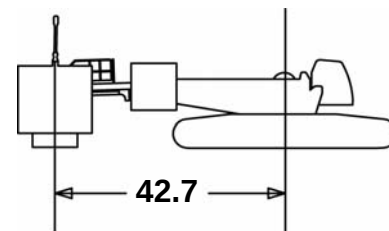
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



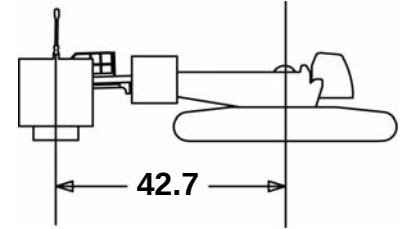
16000 MAX-ER

255.9 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	56.1	378.2	98,300	111,100*	62.6	385.1	85,000	137,900*					105
110	53.5	374.6	92,400	106,100*	60.2	382.2	79,800	132,700*	66.5	387.1	67,200	146,400*	110
115	50.8	370.5	87,000	101,300*	57.8	379.1	75,000	127,600*	64.2	384.7	63,000	146,200*	115
120	48.0	366.1	82,100	96,800*	55.3	375.6	70,700	122,400*	61.8	382.0	59,200	145,700*	120
125	45.1	361.2	77,600	92,500*	52.6	371.9	66,700	117,300*	59.4	379.1	55,800	142,200*	125
130	42.0	355.7	73,400	88,600*	49.9	367.7	63,000	112,300*	56.9	375.8	52,600	137,400*	130
135	38.8	349.6	69,600	85,000*	47.1	363.1	59,600	107,500*	54.4	372.3	49,600	132,500*	135
140	35.2	342.7	66,000	81,700*	44.2	358.0	56,500	103,000*	51.7	368.4	46,900	127,600*	140
145	31.3	334.8	62,700	78,800*	41.0	352.4	53,600	98,700*	49.0	364.0	44,400	122,600	145
150	26.9	325.4	59,600	76,300*	37.7	346.0	50,800	94,600*	46.1	359.3	42,000	117,500	150
155	21.6	313.7	56,600	74,500*	34.0	338.8	48,300	91,000*	43.1	354.0	39,800	112,800	155
160	14.5	297.3	53,700	73,600*	30.0	330.5	45,800	87,700*	39.9	348.2	37,700	108,400	160
165					25.3	320.5	43,500	84,800*	36.5	341.6	35,700	104,200	165
170					19.6	307.7	41,300	82,600*	32.7	334.0	33,900	100,300	170
175					11.2	288.2	39,100	81,400*	28.5	325.2	32,100	96,600	175
180									23.5	314.4	30,400	93,100	180
185									17.3	300.2	28,700	89,800	185
190									5.8	273.0	26,800	86,500	190
195													195
200													200
205													205
210													210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
105												105
110												110
115												115
120												120
125												125
130												130
135												135
140	62.7	377.9	30,900	115,900								140
145	60.3	375.1	29,000	110,900								145
150	57.9	372.0	27,200	106,200								150
155	55.3	368.5	25,600	101,900								155
160	52.7	364.7	24,000	97,900								160
165	50.0	360.6	22,500	94,100								165
170	47.2	356.0	21,100	90,600								170
175	44.3	351.0	19,800	87,200	56.0	362.5	7,500	77,900				175
180	41.1	345.3	18,500	84,100	53.4	358.8	6,700	75,100				180
185	37.8	339.0	17,300	81,100	50.8	354.7	5,800	72,400				185
190	34.1	331.9	16,200	78,300	48.0	350.3	5,100	69,800				190
195	30.1	323.5	15,100	75,600	45.1	345.4	4,300	67,400				195
200	25.5	313.6	14,000	73,100	42.0	339.9	3,600	65,100				200
205	19.8	301.0	12,900	70,600	38.7	333.8	2,900	63,000	51.1	346.5	55,400	205
210	11.6	281.9	11,800	68,200	35.2	326.9	2,200	60,900	48.4	342.1	53,500	210
215					31.2	318.9	1,600	58,900	45.5	337.2	51,700	215
220					26.8	309.5		57,000	42.4	331.8	50,000	220
225					21.5	297.7		55,200	39.1	325.8	48,400	225
230					14.3	281.2		53,300	35.6	319.0	46,900	230
235									31.8	311.2	45,400	235
240									27.4	302.0	43,900	240
245									22.3	290.6	42,500	245
250									15.5	275.0	41,100	250

Liftcrane Luffing Jib Capacities

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

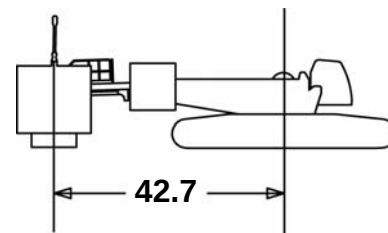
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



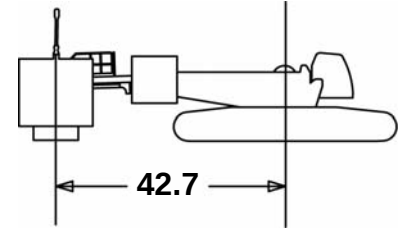
16000 MAX-ER

255.9 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	56.5	395.2	85,600	95,700*	62.2	402.0	73,200	118,900*	67.6	406.4	60,900	127,000*	115
120	54.3	391.7	80,700	91,700*	60.1	399.2	68,900	114,800*	65.6	404.1	57,100	127,000*	120
125	52.0	387.8	76,200	87,800*	58.0	396.1	65,000	110,600*	63.6	401.7	53,700	127,000*	125
130	49.6	383.6	72,100	84,100*	55.8	392.7	61,300	106,500*	61.5	399.0	50,600	126,800*	130
135	47.1	379.0	68,300	80,600*	53.5	389.0	58,000	102,300*	59.4	396.0	47,600	123,900*	135
140	44.5	374.0	64,800	77,200*	51.2	385.0	54,900	98,300*	57.3	392.8	44,900	120,000*	140
145	41.8	368.5	61,500	74,200*	48.8	380.7	52,000	94,300*	55.0	389.3	42,400	116,100*	145
150	39.0	362.4	58,400	71,300*	46.3	376.0	49,300	90,500*	52.8	385.6	40,100	112,100*	150
155	35.9	355.6	55,600	68,700*	43.7	370.8	46,800	86,900*	50.4	381.5	37,900	108,100*	155
160	32.6	348.0	52,900	66,300*	40.9	365.1	44,400	83,500*	48.0	377.0	35,900	104,200*	160
165	28.9	339.3	50,300	64,200*	38.0	358.9	42,200	80,300*	45.4	372.1	34,000	100,300*	165
170	24.8	329.0	47,900	62,500*	34.9	351.9	40,100	77,300*	42.8	366.8	32,200	96,500*	170
175	19.8	316.2	45,600	61,300*	31.5	343.9	38,100	74,600*	40.0	360.9	30,500	92,900*	175
180	12.9	298.1	43,300	60,800*	27.7	334.8	36,200	72,100*	37.0	354.4	28,800	89,400*	180
185					23.3	323.8	34,400	70,100*	33.8	347.1	27,300	86,200*	185
190					17.9	309.8	32,600	68,500*	30.2	338.8	25,800	83,100*	190
195					9.7	287.9	30,800	67,900*	26.3	329.1	24,400	80,400*	195
200									21.6	317.4	23,000	78,000*	200
205									15.6	301.7	21,600	76,100*	205
210									3.4	268.4	20,100	74,400	210
215													215
220													220
225													225
230													230
235													235
240													240
245													245
250													250
255													255
260													260
265													265
270													270

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 137,850 lb Hanging Counterweight
 at 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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	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	
115												115
120												120
125												125
130												130
135												135
140												140
145												145
150	62.3	394.9	24,900	104,400								150
155	60.2	392.0	23,300	100,100								155
160	58.1	388.9	21,700	96,100								160
165	55.9	385.6	20,300	92,300								165
170	53.6	381.9	19,000	88,800								170
175	51.3	377.9	17,700	85,500								175
180	48.9	373.6	16,500	82,400								180
185	46.4	368.9	15,300	79,500	56.5	379.5	3,400	70,400				185
190	43.8	363.7	14,200	76,700	54.2	375.9	2,700	67,900				190
195	41.0	358.1	13,200	74,100	51.9	372.0	2,000	65,600				195
200	38.1	351.8	12,200	71,600	49.5	367.8		63,300				200
205	35.0	344.8	11,200	69,200	47.1	363.2		61,200				205
210	31.6	337.0	10,300	67,000	44.5	358.2		59,200				210
215	27.8	327.8	9,400	64,800	41.8	352.6		57,200	52.2	363.7	49,800	215
220	23.5	317.0	8,500	62,700	38.9	346.6		55,400	49.9	359.5	48,100	220
225	18.1	303.1	7,600	60,700	35.9	339.8		53,600	47.4	355.0	46,500	225
230	10.1	281.7	6,700	58,700	32.5	332.2		51,900	44.8	350.0	45,000	230
235					28.9	323.4		50,300	42.1	344.5	43,600	235
240					24.7	313.1		48,700	39.3	338.5	42,200*	240
245					19.7	300.2		47,200	36.3	331.9	40,700*	245
250					12.8	282.0		45,600	33.0	324.4	39,300*	250
255									29.4	315.8	38,000*	255
260									25.3	305.7	36,700*	260
265									20.4	293.3	35,400*	265
270									13.9	276.1	34,000*	270

Liftcrane Luffing Jib Capacities

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

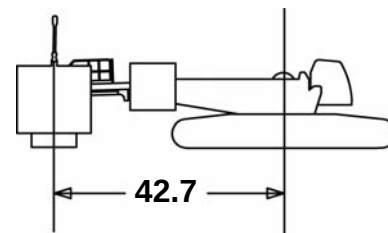
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



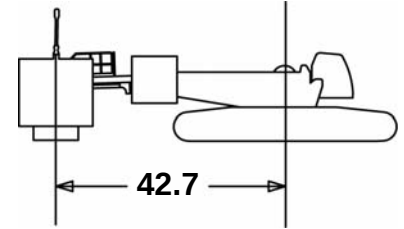
16000 MAX-ER

255.9 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	54.9	408.8	70,900	79,800*	60.1	416.1	59,900	100,100*	65.0	421.2	48,900	111,000*	130
135	52.8	405.0	67,100	76,600*	58.2	413.0	56,600	96,600*	63.1	418.6	46,000	111,000*	135
140	50.8	400.9	63,600	73,500*	56.2	409.7	53,500	93,200*	61.3	415.9	43,400	110,900*	140
145	48.6	396.6	60,300	70,600*	54.2	406.1	50,600	89,800*	59.4	413.0	40,900	108,600*	145
150	46.4	391.9	57,300	67,900*	52.2	402.3	47,900	86,500*	57.5	409.8	38,600	105,500*	150
155	44.1	386.7	54,500	65,200*	50.1	398.1	45,400	83,200*	55.5	406.4	36,400	102,400*	155
160	41.7	381.2	51,800	62,800*	47.9	393.6	43,100	80,100*	53.5	402.7	34,400	99,100*	160
165	39.1	375.1	49,300	60,500*	45.7	388.8	40,900	77,100*	51.5	398.8	32,500	95,900*	165
170	36.4	368.5	47,000	58,400*	43.3	383.6	38,800	74,200*	49.4	394.5	30,700	92,600*	170
175	33.6	361.1	44,800	56,500*	40.9	377.9	36,900	71,400*	47.2	389.9	29,000	89,400*	175
180	30.4	352.9	42,600	54,800*	38.3	371.6	35,100	68,800*	44.9	384.9	27,400	86,300*	180
185	27.0	343.4	40,600	53,300*	35.5	364.8	33,300	66,400*	42.5	379.5	25,900	83,200*	185
190	23.0	332.3	38,700	52,100*	32.6	357.1	31,700	64,100*	40.0	373.7	24,500	80,200*	190
195	18.3	318.4	36,900	51,200*	29.4	348.5	30,100	62,100*	37.4	367.2	23,100	77,400*	195
200	11.6	298.5	35,000	51,100*	25.8	338.6	28,500	60,300*	34.6	360.1	21,800	74,700*	200
205					21.6	326.7	27,100	58,800*	31.5	352.2	20,600	72,200*	205
210					16.4	311.5	25,600	57,700*	28.2	343.2	19,400	69,900*	210
215					8.3	287.0	24,100	57,400*	24.4	332.7	18,200	67,800*	215
220									20.0	319.9	17,100	66,000*	220
225									14.2	302.8	15,900	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
 137,850 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
130											130
135											135
140											140
145											145
150											150
155											155
160	62.0	411.8	20,000	94,600							160
165	60.1	409.0	18,500	90,900							165
170	58.2	405.9	17,200	87,400							170
175	56.3	402.6	16,000	84,100							175
180	54.3	399.0	14,800	81,000							180
185	52.3	395.2	13,700	78,100							185
190	50.2	391.0	12,600	75,400							190
195	48.0	386.5	11,600	72,800	56.8	396.5	64,100				195
200	45.7	381.7	10,600	70,300	54.8	393.0	61,900				200
205	43.4	376.5	9,700	68,000	52.8	389.2	59,700				205
210	41.0	370.8	8,800	65,700	50.7	385.1	57,700				210
215	38.4	364.6	8,000	63,600	48.6	380.8	55,800				215
220	35.6	357.8	7,100	61,600	46.4	376.1	54,000				220
225	32.7	350.2	6,400	59,600	44.0	370.9	52,300				225
230	29.5	341.6	5,600	57,800	41.6	365.4	50,600	51.0	376.9	43,200*	230
235	25.9	331.7	4,800	56,000	39.1	359.3	49,000	48.9	372.5	41,700*	235
240	21.8	319.9	4,100	54,200	36.4	352.7	47,500	46.6	367.9	40,200*	240
245	16.6	304.9	3,300	52,600	33.5	345.3	46,000	44.3	362.8	38,800*	245
250	8.8	281.1	2,500	50,900	30.4	337.0	44,600	41.9	357.3	37,400*	250
255					26.9	327.5	43,200	39.4	351.3	36,100*	255
260					22.9	316.3	41,900	36.7	344.7	34,900*	260
265					18.2	302.4	40,500	33.9	337.5	33,700*	265
270					11.5	282.3	39,200	30.8	329.3	32,500*	270
275								27.4	320.0	31,300*	275
280								23.5	309.1	30,200*	280
285								18.8	295.6	29,100*	285
290								12.5	276.7	27,900*	290

Liftcrane Luffing Jib Capacities

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

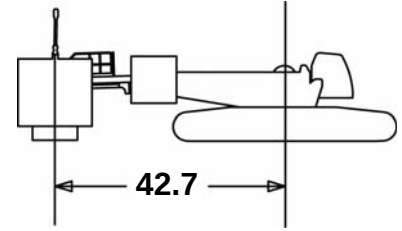
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



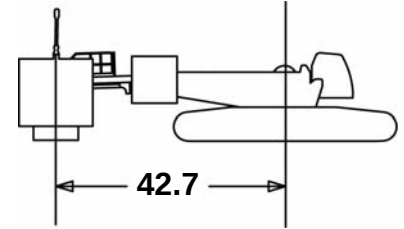
16000 MAX-ER

255.9 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	55.3	425.8	62,100	69,700*	60.0	433.1	51,700	87,400*	64.4	438.2	41,300	96,400*	140
145	53.5	422.1	58,800	67,100*	58.3	430.0	48,800	84,700*	62.8	435.6	38,900	96,400*	145
150	51.7	418.2	55,800	64,600*	56.6	426.7	46,200	81,900*	61.1	432.9	36,600	96,400*	150
155	49.8	414.0	53,000	62,100*	54.8	423.2	43,700	79,100*	59.4	429.9	34,400	95,400*	155
160	47.8	409.5	50,300	59,800*	53.0	419.5	41,400	76,400*	57.7	426.8	32,400	92,900*	160
165	45.8	404.7	47,900	57,600*	51.1	415.5	39,200	73,700*	56.0	423.4	30,500	90,400*	165
170	43.7	399.5	45,500	55,600*	49.2	411.2	37,200	71,100*	54.2	419.8	28,800	87,700*	170
175	41.5	394.0	43,300	53,600*	47.2	406.6	35,200	68,500*	52.3	416.0	27,100	85,100*	175
180	39.3	387.9	41,300	51,800*	45.2	401.6	33,400	66,100*	50.4	411.9	25,600	82,500*	180
185	36.9	381.4	39,300	50,100*	43.0	396.3	31,700	63,700*	48.5	407.5	24,100	79,800*	185
190	34.3	374.2	37,400	48,500*	40.8	390.6	30,100	61,500*	46.5	402.8	22,700	77,200*	190
195	31.6	366.2	35,700	47,100*	38.5	384.4	28,500	59,400*	44.4	397.7	21,300	74,600*	195
200	28.6	357.3	34,000	45,800*	36.1	377.7	27,000	57,400*	42.3	392.3	20,100	72,100*	200
205	25.3	347.2	32,400	44,700*	33.5	370.3	25,600	55,600*	40.0	386.4	18,900	69,700*	205
210	21.5	335.2	30,800	43,900*	30.7	362.0	24,300	53,900*	37.7	380.1	17,700	67,400*	210
215	16.9	320.2	29,300	43,300*	27.6	352.8	23,000	52,400*	35.2	373.1	16,600	65,200*	215
220	10.4	298.5	27,700	43,300*	24.2	342.1	21,700	51,000*	32.5	365.4	15,500	63,100*	220
225					20.2	329.4	20,500	49,900*	29.6	356.9	14,500	61,200*	225
230					15.2	312.9	19,300	49,100*	26.5	347.2	13,500	59,400*	230
235					7.1	285.6	18,000	49,100*	22.9	335.9	12,500	57,800*	235
240									18.6	322.2	11,600	56,300*	240
245									13.0	303.6	10,600	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
 137,850 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
140											140
145											145
150											150
155											155
160											160
165											165
170	61.7	428.8	14,900	85,600							170
175	60.1	425.9	13,700	82,300							175
180	58.4	422.9	12,600	79,300							180
185	56.6	419.6	11,500	76,400							185
190	54.8	416.1	10,400	73,600							190
195	53.0	412.3	9,400	71,100							195
200	51.2	408.3	8,500	68,600							200
205	49.2	404.0	7,600	66,300	57.1	413.5	57,800				205
210	47.3	399.5	6,700	64,100	55.3	410.0	55,900				210
215	45.2	394.5	5,900	62,000	53.5	406.4	54,000				215
220	43.1	389.3	5,200	60,000	51.7	402.4	52,200				220
225	40.9	383.6	4,400	58,100	49.8	398.2	50,400				225
230	38.6	377.4	3,700	56,200	47.8	393.7	48,800				230
235	36.1	370.7	3,000	54,500	45.8	388.9	47,200				235
240	33.5	363.3	2,300	52,800	43.7	383.7	45,700	51.9	394.1	37,600*	240
245	30.8	355.1	1,600	51,200	41.5	378.1	44,300	50.0	390.0	36,200*	245
250	27.7	345.9		49,600	39.2	372.1	42,900	48.1	385.5	34,900*	250
255	24.3	335.2		48,100	36.8	365.5	41,600	46.0	380.7	33,600*	255
260	20.3	322.6		46,600	34.3	358.3	40,300	44.0	375.6	32,400*	260
265	15.4	306.3		45,200	31.5	350.4	39,000	41.8	370.0	31,200*	265
270	7.5	279.9		43,800	28.5	341.4	37,800	39.5	364.1	30,100*	270
275					25.2	331.3	36,700	37.1	357.6	29,000*	275
280					21.5	319.2	35,500*	34.6	350.5	27,900*	280
285					16.8	304.2	34,200*	31.9	342.6	26,900*	285
290					10.3	282.2	32,900*	29.0	333.8	25,900*	290
295								25.7	323.8	24,900*	295
300								22.0	312.1	23,900*	300
305								17.5	297.6	22,900*	305
310								11.4	277.0	21,900*	310

Liftcrane Luffing Jib Capacities

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

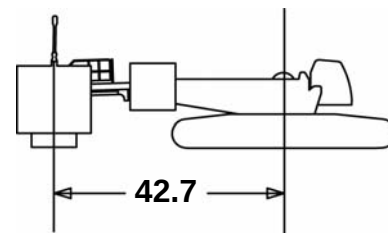
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



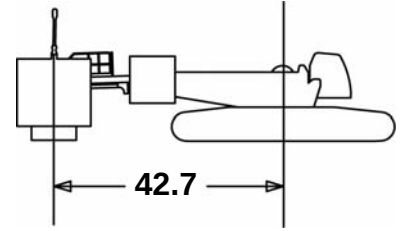
16000 MAX-ER

255.9 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	55.7	442.8	54,100	61,200*	60.0	450.0	44,300	76,600*	64.0	455.2	34,500	84,100*	150
155	54.1	439.2	51,300	59,000*	58.4	447.0	41,800	74,400*	62.5	452.6	32,400	84,100*	155
160	52.4	435.4	48,700	56,900*	56.8	443.7	39,500	72,100*	61.0	449.8	30,400	84,100*	160
165	50.7	431.4	46,200	54,900*	55.2	440.3	37,400	69,800*	59.4	446.9	28,600	83,800*	165
170	49.0	427.0	43,900	53,000*	53.6	436.6	35,300	67,600*	57.9	443.7	26,800	81,900*	170
175	47.2	422.4	41,700	51,200*	51.9	432.7	33,400	65,400*	56.3	440.4	25,200	79,900*	175
180	45.3	417.5	39,600	49,400*	50.2	428.5	31,600	63,200*	54.7	436.9	23,600	77,800*	180
185	43.4	412.3	37,700	47,800*	48.4	424.1	29,900	61,100*	53.0	433.1	22,100	75,600*	185
190	41.4	406.7	35,800	46,200*	46.6	419.5	28,300	59,100*	51.3	429.2	20,700	73,500*	190
195	39.4	400.7	34,100	44,700*	44.7	414.5	26,800	57,200*	49.6	424.9	19,400	71,300*	195
200	37.2	394.2	32,400	43,300*	42.8	409.1	25,300	55,300*	47.8	420.4	18,200	69,200*	200
205	34.9	387.1	30,800	42,100*	40.8	403.4	23,900	53,500*	46.0	415.6	17,000	67,100*	205
210	32.5	379.4	29,300	40,900*	38.7	397.2	22,600	51,800*	44.1	410.5	15,800	65,000*	210
215	29.9	370.9	27,900	39,800*	36.5	390.5	21,300	50,100*	42.1	405.0	14,800	63,000*	215
220	27.0	361.4	26,500	38,900*	34.1	383.3	20,100	48,600*	40.1	399.2	13,700	61,000*	220
225	23.9	350.6	25,100	38,100*	31.7	375.4	19,000	47,200*	37.9	392.9	12,700	59,200*	225
230	20.2	337.8	23,800	37,500*	29.0	366.6	17,800	45,900*	35.7	386.0	11,800	57,300*	230
235	15.8	321.8	22,500	37,200*	26.1	356.7	16,700	44,800*	33.3	378.5	10,800	55,600*	235
240	9.4	298.1	21,200	37,200*	22.8	345.3	15,700	43,800*	30.8	370.3	9,900	54,000*	240
245					18.9	331.7	14,700	42,900*	28.0	361.2	9,100	52,500*	245
250					14.1	314.0	13,600	42,400*	25.0	350.9	8,200	51,100*	250
255					5.9	283.5	12,500	42,400*	21.5	338.9	7,400	49,800*	255
260									17.4	324.2	6,600	48,800*	260
265									12.0	304.2	5,800	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
 137,850 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
150											150
155											155
160											160
165											165
170											170
175											175
180	61.5	445.8	10,400	77,500							180
185	60.0	442.9	9,300	74,600							185
190	58.5	439.8	8,300	71,900							190
195	56.9	436.6	7,300	69,300							195
200	55.3	433.1	6,400	66,900							200
205	53.6	429.5	5,500	64,600							205
210	52.0	425.6	4,700	62,400							210
215	50.2	421.4	3,900	60,300	57.3	430.5	52,200				215
220	48.5	417.0	3,100	58,300	55.7	427.1	50,400				220
225	46.7	412.4	2,400	56,400	54.1	423.5	48,700				225
230	44.8	407.4	1,700	54,600	52.4	419.6	47,000				230
235	42.9	402.0		52,900	50.7	415.6	45,500				235
240	40.8	396.3		51,200	49.0	411.2	44,000				240
245	38.8	390.2		49,600	47.2	406.6	42,600				245
250	36.6	383.5		48,100	45.3	401.7	41,200	52.6	411.3	32,400*	250
255	34.2	376.3		46,600	43.4	396.5	39,800*	50.9	407.3	31,200*	255
260	31.8	368.4		45,200	41.4	390.9	38,400*	49.2	403.0	30,000*	260
265	29.1	359.6		43,800	39.3	384.9	37,100*	47.4	398.4	28,800*	265
270	26.2	349.8		42,500	37.2	378.4	35,800*	45.5	393.5	27,700*	270
275	22.9	338.5		41,200	34.9	371.3	34,600*	43.6	388.4	26,600*	275
280	19.1	325.0		40,000	32.4	363.6	33,400*	41.7	382.8	25,600*	280
285	14.3	307.5		38,700	29.8	355.1	32,200*	39.6	376.8	24,600*	285
290	6.4	278.0		37,400	27.0	345.5	31,000*	37.4	370.4	23,600*	290
295					23.8	334.7	29,900*	35.2	363.4	22,600*	295
300					20.2	321.9	28,800*	32.8	355.8	21,700*	300
305					15.7	305.8	27,800*	30.2	347.4	20,800*	305
310					9.2	281.8	26,600*	27.4	338.0	19,900*	310
315								24.2	327.4	19,100*	315
320								20.7	314.8	18,200*	320
325								16.4	299.3	17,400*	325
330								10.3	277.0	16,500*	330

Liftcrane Luffing Jib Capacities

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

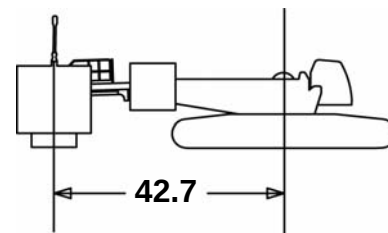
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



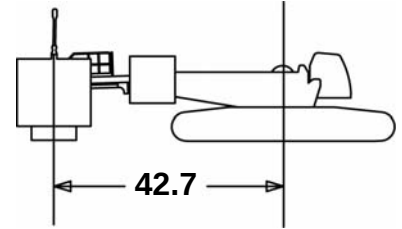
16000 MAX-ER

255.9 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	57.5	463.2	49,700	55,600*	61.3	469.9	40,100	69,000*	65.0	474.7	30,400	73,200*	155
160	56.1	459.9	47,100	53,800*	59.9	467.0	37,800	67,200*	63.6	472.2	28,500	73,200*	160
165	54.6	456.3	44,700	52,000*	58.5	463.9	35,600	65,400*	62.2	469.6	26,600	73,200*	165
170	53.1	452.6	42,300	50,300*	57.0	460.7	33,600	63,500*	60.8	466.8	24,900	73,200*	170
175	51.5	448.6	40,200	48,600*	55.6	457.3	31,700	61,700*	59.4	463.8	23,200	73,200*	175
180	49.9	444.4	38,100	47,000*	54.1	453.7	29,900	59,900*	58.0	460.7	21,700	72,100*	180
185	48.3	440.0	36,200	45,500*	52.6	449.9	28,200	58,100*	56.6	457.4	20,200	70,500*	185
190	46.6	435.3	34,400	44,000*	51.0	445.9	26,600	56,300*	55.1	454.0	18,900	68,900*	190
195	44.9	430.4	32,600	42,600*	49.4	441.6	25,100	54,500*	53.6	450.3	17,600	67,100*	195
200	43.2	425.1	31,000	41,200*	47.8	437.1	23,600	52,800*	52.0	446.4	16,300	65,400*	200
205	41.3	419.4	29,400	39,900*	46.1	432.3	22,300	51,200*	50.5	442.3	15,200	63,700*	205
210	39.4	413.4	27,900	38,700*	44.4	427.2	21,000	49,600*	48.9	438.0	14,000	61,900*	210
215	37.5	407.0	26,500	37,600*	42.6	421.9	19,700	48,100*	47.2	433.4	13,000	60,200*	215
220	35.4	400.1	25,100	36,600*	40.7	416.1	18,500	46,600*	45.5	428.5	12,000	58,500*	220
225	33.2	392.5	23,800	35,600*	38.8	410.0	17,400	45,200*	43.8	423.3	11,000	56,800*	225
230	30.9	384.4	22,600	34,700*	36.8	403.4	16,300	43,900*	42.0	417.8	10,000	55,200*	230
235	28.4	375.4	21,300	33,900*	34.7	396.3	15,300	42,600*	40.1	411.9	9,100	53,600*	235
240	25.6	365.3	20,200	33,200*	32.5	388.6	14,200	41,500*	38.2	405.6	8,300	52,000*	240
245	22.6	353.8	19,000	32,600*	30.1	380.1	13,300	40,400*	36.1	398.9	7,400	50,500*	245
250	19.1	340.2	17,900	32,200*	27.5	370.8	12,300	39,400*	34.0	391.6	6,600	49,100*	250
255	14.8	323.1	16,800	32,000*	24.7	360.3	11,400	38,500*	31.7	383.6	5,900	47,700*	255
260	8.4	297.3	15,700	32,000*	21.5	348.2	10,500	37,700*	29.3	374.9	5,100	46,500*	260
265					17.8	333.8	9,600	37,100*	26.6	365.2	4,400	45,200*	265
270					13.1	314.9	8,700	36,800*	23.7	354.3	3,700	44,200*	270
275					4.6	280.3	7,700	36,800*	20.4	341.5	3,000	43,200*	275
280									16.4	325.9	2,300	42,500*	280
285									11.0	304.4	1,500	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
 137,850 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
155											155
160											160
165											165
170											170
175											175
180											180
185	62.7	465.5	7,100	67,800*							185
190	61.4	462.7	6,100	67,800*							190
195	60.0	459.8	5,200	67,600							195
200	58.5	456.8	4,300	65,200							200
205	57.1	453.6	3,400	62,900							205
210	55.6	450.2	2,600	60,700							210
215	54.1	446.6	1,800	58,700							215
220	52.6	442.8		56,700							220
225	51.1	438.7		54,800	57.5	447.5	46,900				225
230	49.5	434.5		53,000	56.0	444.1	45,100*				230
235	47.8	430.0		51,300	54.5	440.5	43,500*				235
240	46.2	425.2		49,600	53.0	436.8	41,900*				240
245	44.4	420.2		48,100	51.5	432.8	40,400*				245
250	42.7	414.8		46,500	49.9	428.6	38,900*				250
255	40.8	409.1		45,100	48.3	424.2	37,500*				255
260	38.9	402.9		43,700	46.6	419.5	36,100*				260
265	36.9	396.4		42,300	44.9	414.5	34,800*	51.7	424.5	26,300*	265
270	34.8	389.3		41,000	43.1	409.3	33,600*	50.1	420.4	25,200*	270
275	32.6	381.6		39,800	41.3	403.6	32,400*	48.5	416.0	24,200*	275
280	30.2	373.2		38,600	39.4	397.6	31,200*	46.8	411.3	23,200*	280
285	27.6	363.9		37,400	37.4	391.2	30,000*	45.1	406.4	22,200*	285
290	24.8	353.4		36,300	35.4	384.2	28,900*	43.4	401.1	21,200*	290
295	21.7	341.4		35,200	33.2	376.7	27,900*	41.5	395.5	20,300*	295
300	18.0	327.1		34,100	30.8	368.5	26,800*	39.7	389.6	19,400*	300
305	13.3	308.4		33,000	28.3	359.5	25,800*	37.7	383.2	18,500*	305
310	5.2	275.4		31,800*	25.6	349.4	24,800*	35.6	376.3	17,700*	310
315					22.6	337.8	23,900*	33.5	368.9	16,900*	315
320					19.0	324.2	22,900*	31.1	360.8	16,100*	320
325					14.7	307.0	21,900*	28.7	351.9	15,300*	325
330					8.2	280.9	21,000*	26.0	341.9	14,500*	330
335								23.0	330.6	13,800*	335
340								19.5	317.3	13,000*	340
345								15.3	300.7	12,300*	345
350								9.3	276.6	11,500*	350

Liftcrane Luffing Jib Capacities

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

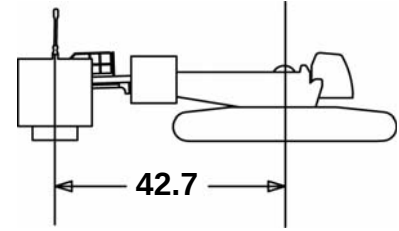
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

137,850 lb Hanging Counterweight

at 42.7 ft Position

360 Degree Rating



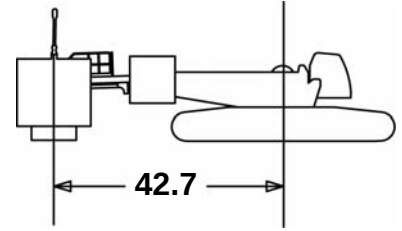
16000 MAX-ER

255.9 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	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	57.7	480.2	43,200	48,900*	61.2	486.9	34,100	60,400*	64.5	491.7	24,900	63,100*	165
170	56.3	476.9	40,900	47,400*	59.9	484.0	32,000	59,000*	63.3	489.2	23,200	63,100*	170
175	55.0	473.4	38,800	45,900*	58.6	480.9	30,100	57,500*	62.0	486.5	21,600	63,100*	175
180	53.6	469.7	36,700	44,500*	57.2	477.7	28,400	56,000*	60.7	483.7	20,000	63,100*	180
185	52.2	465.8	34,800	43,100*	55.9	474.3	26,700	54,500*	59.4	480.8	18,600	63,100*	185
190	50.7	461.8	33,000	41,800*	54.5	470.8	25,100	53,100*	58.1	477.7	17,200	63,100*	190
195	49.2	457.5	31,200	40,500*	53.1	467.0	23,600	51,600*	56.8	474.4	15,900	62,200*	195
200	47.7	453.0	29,600	39,200*	51.7	463.1	22,100	50,100*	55.4	471.0	14,700	60,900*	200
205	46.2	448.2	28,000	38,000*	50.2	459.0	20,800	48,700*	54.0	467.4	13,500	59,500*	205
210	44.6	443.2	26,600	36,900*	48.8	454.6	19,500	47,300*	52.6	463.6	12,400	58,200*	210
215	43.0	437.8	25,100	35,800*	47.2	450.0	18,200	45,900*	51.2	459.6	11,400	56,800*	215
220	41.3	432.2	23,800	34,700*	45.7	445.2	17,100	44,600*	49.7	455.4	10,400	55,300*	220
225	39.5	426.2	22,500	33,700*	44.1	440.0	15,900	43,300*	48.2	450.9	9,400	53,900*	225
230	37.7	419.8	21,300	32,800*	42.4	434.6	14,900	42,000*	46.7	446.2	8,500	52,600*	230
235	35.8	413.0	20,100	32,000*	40.7	428.9	13,800	40,800*	45.1	441.3	7,600	51,200*	235
240	33.8	405.6	18,900	31,100*	38.9	422.7	12,800	39,700*	43.5	436.1	6,700	49,800*	240
245	31.7	397.7	17,800	30,400*	37.1	416.2	11,900	38,600*	41.8	430.6	5,900	48,500*	245
250	29.5	389.0	16,800	29,700*	35.2	409.2	11,000	37,600*	40.1	424.7	5,100	47,200*	250
255	27.1	379.5	15,700	29,100*	33.2	401.7	10,100	36,600*	38.3	418.4	4,400	45,900*	255
260	24.4	368.8	14,700	28,600*	31.0	393.5	9,200	35,700*	36.5	411.7	3,600	44,700*	260
265	21.5	356.7	13,800	28,200*	28.7	384.6	8,400	34,800*	34.5	404.6	2,900	43,500*	265
270	18.1	342.3	12,800	27,900*	26.2	374.8	7,600	34,100*	32.4	396.9	2,300	42,400*	270
275	13.9	324.2	11,900	27,800*	23.5	363.7	6,800	33,400*	30.3	388.5	1,600	41,300*	275
280	7.5	296.1	10,900	27,800*	20.5	350.9	6,000	32,800*	27.9	379.2		40,300*	280
285					16.9	335.6	5,200	32,400*	25.4	369.0		39,400*	285
290					12.2	315.5	4,500	32,300*	22.5	357.4		38,600*	290
295					3.1	275.3	3,500	29,800*	19.3	344.0		37,900*	295
300									15.4	327.4		37,300*	300
305									10.1	304.3		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
 137,850 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
165											165
170											170
175											175
180											180
185											185
190											190
195	62.5	482.4	3,300	58,300*							195
200	61.2	479.7	2,400	58,300*							200
205	59.9	476.8	1,600	58,300*							205
210	58.6	473.7		58,300*							210
215	57.3	470.5		57,200							215
220	55.9	467.2		55,300							220
225	54.6	463.6		53,400							225
230	53.2	459.9		51,600							230
235	51.7	456.0		49,900	57.6	464.4	41,400*				235
240	50.3	451.9		48,200	56.3	461.1	39,900*				240
245	48.8	447.5		46,700	54.9	457.6	38,400*				245
250	47.3	442.9		45,200	53.5	453.9	36,900*				250
255	45.7	438.1		43,700	52.1	450.0	35,500*				255
260	44.1	433.0		42,300	50.7	446.0	34,200*				260
265	42.5	427.5		41,000	49.2	441.7	32,900*				265
270	40.8	421.8		39,700	47.7	437.2	31,600*				270
275	39.0	415.7		38,500	46.1	432.4	30,400*	52.3	441.7	22,100*	275
280	37.2	409.2		37,300	44.6	427.4	29,300*	50.9	437.7	21,100*	280
285	35.2	402.2		36,100	42.9	422.0	28,100*	49.4	433.4	20,200*	285
290	33.2	394.7		35,000	41.2	416.4	27,100*	47.9	428.9	19,200*	290
295	31.1	386.6		33,900*	39.5	410.4	26,000*	46.4	424.2	18,300*	295
300	28.8	377.7		32,700*	37.7	404.0	25,000*	44.8	419.2	17,400*	300
305	26.3	367.9		31,600*	35.8	397.1	24,000*	43.1	413.9	16,600*	305
310	23.6	356.8		30,500*	33.8	389.8	23,000*	41.5	408.3	15,800*	310
315	20.6	344.1		29,400*	31.7	381.8	22,100*	39.7	402.3	14,900*	315
320	17.0	329.0		28,300*	29.4	373.1	21,200*	37.9	396.0	14,200*	320
325	12.4	309.1		27,300*	27.0	363.6	20,300*	36.0	389.2	13,400*	325
330	3.9	271.4		26,100*	24.4	352.9	19,400*	34.0	381.9	12,700*	330
335					21.4	340.7	18,600*	32.0	374.0	11,900*	335
340					18.0	326.4	17,700*	29.7	365.5	11,200*	340
345					13.8	308.1	16,900*	27.3	356.0	10,600*	345
350					7.3	279.6	16,000*	24.7	345.5	9,900*	350
355								21.8	333.6	9,200*	355
360								18.5	319.5	8,500*	360
365								14.4	302.0	7,900*	365
370								8.5	275.9	7,200*	370