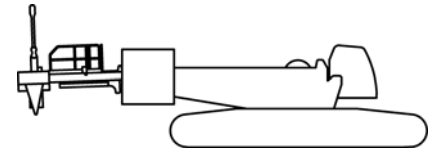


Liftcrane Luffing Jib Capacities

**Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
0 lb Hanging Counterweight
at 36.1 ft thru 49.2 ft Position
360 Degree Rating**



16000 MAX-ER

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

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

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.

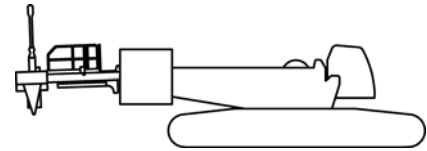
WARNING: Check amount of crane counterweight and hanging counterweight on machine before use of this chart. Refer to Operator's Manual for counterweight identification.

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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



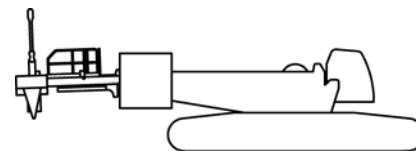
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
45	71.6	221.4	408,900*c							45
50	67.7	219.4	364,900*b							50
55	63.6	216.9	328,000*b	69.5	219.5	324,300b				55
60	59.4	214.0	297,500b	65.5	217.2	288,900b				60
65	55.0	210.5	267,900	61.3	214.5	260,200b	67.2	217.0	252,400b	65
70	50.3	206.4	243,400	57.0	211.3	236,400	63.2	214.5	229,300b	70
75	45.2	201.6	222,800	52.4	207.5	216,400	58.9	211.5	209,900b	75
80	39.6	195.7	205,200	47.5	203.0	199,300	54.5	208.0	193,400	80
85	33.2	188.5	189,900	42.2	197.7	184,500	49.7	203.9	179,100	85
90	25.3	178.8	176,500	36.2	191.1	171,600	44.6	198.9	166,500	90
95	13.0	162.7	164,400	29.1	182.7	160,200	38.9	192.9	155,500	95
100				19.6	170.6	149,900	32.4	185.4	145,700	100
105							24.2	175.4	136,800	105
110							10.6	157.4	128,500	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

137.8 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	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	169,900 ^b							85
90	56.1	206.5	158,000							90
95	51.5	202.6	147,600							95
100	46.5	197.9	138,300	57.5	203.6	130,900				100
105	41.1	192.3	130,000	52.9	199.9	123,000				105
110	34.9	185.5	122,500	48.1	195.5	116,000				110
115	27.5	176.6	115,600	42.8	190.2	109,600				115
120	17.0	163.1	109,300	36.9	183.8	103,700	49.2	191.7	97,900	120
125				29.9	175.7	98,300	44.0	186.6	92,900	125
130				20.8	164.1	93,300	38.3	180.5	88,200	130
135							31.6	172.8	83,900	135
140							23.1	162.3	79,900	140
145							7.4	141.3	75,800	145

Liftcrane Luffing Jib Capacities

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

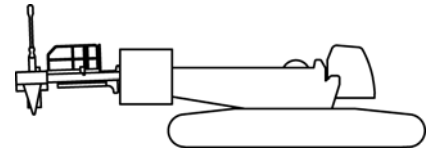
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



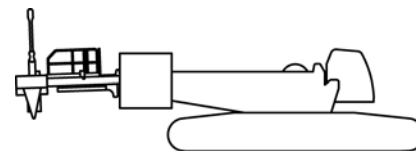
16000 MAX-ER

137.8 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	72.4	240.5	362,200*b							50
55	69.2	238.6	331,100*b							55
60	66.1	236.4	296,900b	70.6	238.7	288,100b				60
65	62.8	233.9	267,400	67.5	236.6	259,400b				65
70	59.4	230.9	243,000	64.3	234.2	235,700				70
75	55.9	227.6	222,400	60.9	231.5	215,700	65.7	234.1	209,000b	75
80	52.3	223.8	204,900	57.5	228.3	198,700	62.4	231.5	192,500	80
85	48.4	219.4	189,700	53.9	224.7	184,000	59.0	228.5	178,300	85
90	44.3	214.4	176,500	50.1	220.6	171,200	55.5	225.1	165,900	90
95	39.8	208.5	164,900	46.1	215.9	159,900	51.8	221.2	154,900	95
100	34.8	201.6	154,500	41.8	210.4	149,900	47.9	216.8	145,200	100
105	29.0	193.1	145,200	37.1	204.0	140,900	43.8	211.7	136,500	105
110	21.9	181.8	136,800	31.8	196.3	132,800	39.2	205.7	128,700	110
115	10.3	162.6	129,000	25.3	186.5	125,500	34.2	198.6	121,600	115
120				16.6	172.3	118,700	28.3	189.9	115,100	120
125							20.9	178.1	109,200	125
130							7.8	156.2	103,400	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	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	146,600							95
100	56.8	223.5	137,400							100
105	53.2	219.8	129,200							105
110	49.4	215.6	121,800	57.9	220.6	114,900				110
115	45.3	210.7	115,100	54.3	217.1	108,600				115
120	40.9	205.1	109,000	50.5	213.0	102,800				120
125	36.1	198.4	103,400	46.6	208.4	97,600				125
130	30.6	190.4	98,300	42.3	203.0	92,700	51.4	209.1	87,200	130
135	23.9	180.0	93,500	37.6	196.7	88,300	47.5	204.6	83,000	135
140	14.2	164.2	89,000	32.3	189.1	84,100	43.3	199.4	79,200	140
145				26.1	179.6	80,300	38.7	193.3	75,600	145
150				17.7	166.1	76,600	33.6	186.1	72,200	150
155							27.6	177.1	69,000	155
160							19.9	164.9	66,000	160
165							3.1	136.5	62,800	165

Liftcrane Luffing Jib Capacities

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

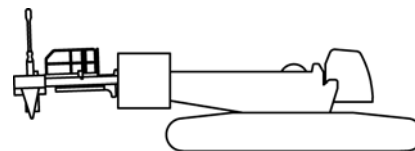
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



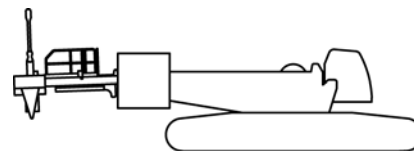
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
55	72.8	259.6	321,000*							55
60	70.3	257.8	295,900							60
65	67.7	255.8	266,400							65
70	65.0	253.5	242,000	68.8	255.9	234,400				70
75	62.2	250.8	221,500	66.2	253.7	214,500				75
80	59.4	247.9	204,000	63.5	251.2	197,500	67.4	253.4	191,100	80
85	56.5	244.6	188,800	60.7	248.4	182,900	64.7	251.1	176,900	85
90	53.5	241.0	175,700	57.8	245.3	170,100	61.9	248.4	164,500	90
95	50.4	236.9	164,100	54.9	241.8	158,900	59.1	245.5	153,700	95
100	47.1	232.3	153,800	51.8	237.9	148,900	56.2	242.1	144,000	100
105	43.6	227.1	144,600	48.6	233.6	140,000	53.2	238.4	135,400	105
110	39.9	221.3	136,300	45.2	228.7	132,000	50.0	234.3	127,600	110
115	35.8	214.5	128,800	41.6	223.1	124,700	46.7	229.6	120,600	115
120	31.3	206.6	122,000	37.7	216.8	118,100	43.2	224.4	114,200	120
125	26.0	196.9	115,800	33.4	209.5	112,100	39.4	218.5	108,400	125
130	19.3	184.2	110,000	28.5	200.7	106,500	35.3	211.6	103,000	130
135	8.1	161.6	104,400	22.6	189.6	101,400	30.7	203.5	98,100	135
140				14.4	173.5	96,600	25.3	193.6	93,500	140
145							18.4	180.3	89,200	145
150							5.1	153.4	84,900	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100	62.9	246.6	135,900							100
105	60.1	243.7	127,700							105
110	57.3	240.5	120,300							110
115	54.3	236.9	113,700							115
120	51.2	232.9	107,700							120
125	47.9	228.5	102,200	55.2	234.1	96,000				125
130	44.5	223.5	97,100	52.1	230.3	91,200				130
135	40.8	217.8	92,500	48.9	226.0	86,900				135
140	36.9	211.3	88,200	45.6	221.2	82,800	52.8	226.3	77,500	140
145	32.4	203.7	84,200	42.0	215.7	79,000	49.7	222.1	74,000	145
150	27.4	194.6	80,400	38.1	209.5	75,500	46.3	217.4	70,700	150
155	21.2	182.8	76,900	33.8	202.3	72,300	42.8	212.1	67,600	155
160	12.0	164.6	73,500	29.0	193.7	69,200	39.0	206.1	64,700	160
165				23.2	182.9	66,300	34.8	199.1	62,000	165
170				15.4	167.6	63,400	30.2	190.9	59,500	170
175							24.7	180.7	57,000	175
180							17.5	166.8	54,700	180

Liftcrane Luffing Jib Capacities

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

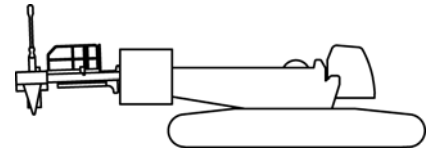
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



16000 MAX-ER

137.8 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	73.2	278.7	285,600*							60
65	71.0	277.0	265,500							65
70	68.8	275.0	241,100							70
75	66.5	272.9	220,600	69.8	275.1	213,500				75
80	64.2	270.5	203,100	67.5	273.0	196,500				80
85	61.8	267.8	188,000	65.2	270.7	181,900				85
90	59.4	264.9	174,800	62.9	268.2	169,100	66.2	270.5	163,400	90
95	57.0	261.6	163,200	60.5	265.4	157,900	63.9	268.1	152,500	95
100	54.4	258.1	153,000	58.1	262.3	147,900	61.6	265.4	142,900	100
105	51.8	254.2	143,800	55.6	258.9	139,100	59.2	262.4	134,300	105
110	49.0	249.9	135,600	53.0	255.1	131,100	56.7	259.2	126,600	110
115	46.2	245.1	128,100	50.3	251.0	123,900	54.1	255.6	119,600	115
120	43.1	239.9	121,400	47.5	246.5	117,300	51.5	251.6	113,300	120
125	39.9	234.0	115,200	44.5	241.4	111,300	48.7	247.3	107,500	125
130	36.5	227.4	109,500	41.4	235.9	105,800	45.8	242.5	102,200	130
135	32.7	219.9	104,300	38.1	229.6	100,800	42.8	237.2	97,300	135
140	28.5	211.1	99,500	34.5	222.5	96,100	39.6	231.2	92,800	140
145	23.6	200.3	95,000	30.5	214.4	91,800	36.1	224.5	88,600	145
150	17.3	186.1	90,700	25.9	204.6	87,700	32.3	216.9	84,700	150
155	6.0	159.4	86,500*	20.4	192.3	83,900	28.0	207.9	81,000	155
160				12.6	174.1	80,300	23.0	196.9	77,600	160
165							16.5	182.1	74,300	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

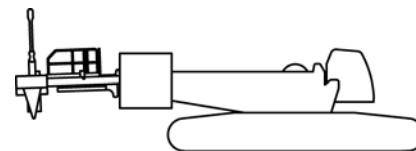
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



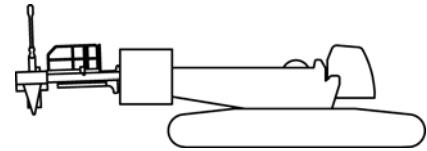
16000 MAX-ER

137.8 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110	62.4	263.5	119,100							110
115	60.0	260.6	112,500							115
120	57.6	257.5	106,500							120
125	55.1	254.0	101,000							125
130	52.4	250.2	96,000							130
135	49.7	246.0	91,400	55.8	251.2	85,600				135
140	46.9	241.4	87,200	53.2	247.5	81,600				140
145	43.9	236.3	83,200	50.6	243.4	77,900				145
150	40.8	230.6	79,500	47.8	238.9	74,400				150
155	37.4	224.2	76,100	44.8	234.0	71,200	51.2	239.5	66,400	155
160	33.7	216.9	72,900	41.7	228.4	68,200	48.4	235.1	63,500	160
165	29.6	208.4	69,900	38.4	222.3	65,400	45.5	230.2	60,900	165
170	24.9	198.3	67,000	34.9	215.3	62,700	42.5	224.9	58,400	170
175	19.1	185.2	64,300	30.9	207.2	60,200	39.2	218.9	56,000	175
180	10.2	164.5	61,700	26.4	197.7	57,800	35.7	212.1	53,800	180
185				21.0	185.7	55,500	31.8	204.3	51,700	185
190				13.6	168.5	53,300	27.5	195.1	49,700	190
195							22.4	183.8	47,800	195
200							15.6	168.3	45,900	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



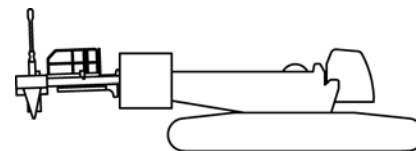
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
65	73.5	297.8	255,600*							65
70	71.5	296.1	239,900							70
75	69.6	294.2	219,400							75
80	67.6	292.2	201,900	70.5	294.2	195,200				80
85	65.6	289.9	186,800	68.5	292.3	180,500				85
90	63.6	287.5	173,700	66.5	290.1	167,800				90
95	61.5	284.8	162,100	64.5	287.7	156,600	67.4	289.9	151,100	95
100	59.4	281.8	151,900	62.5	285.1	146,700	65.4	287.6	141,500	100
105	57.3	278.6	142,700	60.4	282.3	137,800	63.4	285.1	132,900	105
110	55.1	275.1	134,500	58.3	279.2	129,800	61.3	282.4	125,200	110
115	52.8	271.4	127,100	56.1	275.9	122,600	59.2	279.4	118,200	115
120	50.4	267.3	120,300	53.8	272.3	116,100	57.0	276.2	111,900	120
125	48.0	262.8	114,200	51.5	268.3	110,100	54.8	272.6	106,100	125
130	45.5	258.0	108,500	49.1	264.0	104,700	52.5	268.9	100,900	130
135	42.8	252.6	103,300	46.6	259.3	99,700	50.2	264.7	96,000	135
140	40.0	246.8	98,500	44.0	254.2	95,000	47.7	260.2	91,500	140
145	37.0	240.3	94,100	41.3	248.6	90,700	45.2	255.3	87,400	145
150	33.8	233.0	90,000	38.4	242.4	86,700	42.5	249.9	83,500	150
155	30.3	224.7	86,100	35.3	235.5	83,000	39.7	244.0	79,900	155
160	26.3	215.0	82,500	31.9	227.7	79,500	36.7	237.4	76,600	160
165	21.7	203.3	79,100	28.2	218.7	76,300	33.4	230.0	73,400	165
170	15.7	187.7	75,900	23.9	208.0	73,200	29.9	221.6	70,400	170
175	3.8	155.4	69,200*	18.6	194.5	70,300	25.8	211.7	67,600	175
180				11.0	174.3	67,400	21.1	199.7	65,000	180
185							14.9	183.4	62,400	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



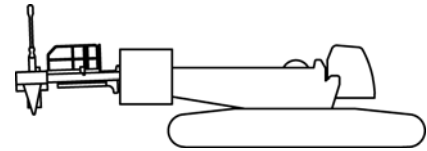
16000 MAX-ER

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 Point Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Point Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Point Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
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	104,900							120
125	60.0	277.6	99,500							125
130	57.8	274.5	94,500							130
135	55.6	271.1	89,900							135
140	53.4	267.4	85,700							140
145	51.0	263.4	81,800	56.3	268.2	76,300				145
150	48.6	259.0	78,100	54.1	264.6	72,800				150
155	46.1	254.2	74,700	51.7	260.7	69,600				155
160	43.5	249.0	71,600	49.4	256.5	66,700				160
165	40.7	243.3	68,600	46.9	251.8	63,900	52.3	256.7	59,200	165
170	37.8	237.0	65,800	44.3	246.7	61,200	49.9	252.6	56,800	170
175	34.6	229.9	63,200	41.6	241.2	58,800	47.4	248.0	54,400	175
180	31.2	221.9	60,700	38.7	235.1	56,400	44.9	243.1	52,300	180
185	27.4	212.6	58,400	35.6	228.2	54,200	42.2	237.6	50,200	185
190	22.9	201.5	56,100	32.3	220.5	52,200	39.3	231.6	48,200	190
195	17.4	187.1	54,000	28.6	211.7	50,200	36.3	224.9	46,400	195
200	8.7	163.8	51,800	24.3	201.2	48,300	33.0	217.5	44,600	200
205				19.2	188.1	46,400	29.4	208.9	42,900	205
210				12.1	169.0	44,600	25.4	198.9	41,300	210
215							20.5	186.5	39,700	215
220							14.0	169.4	38,200	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



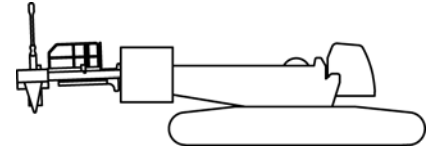
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
70	73.7	316.8	213,200*							70
75	72.0	315.2	212,800*							75
80	70.3	313.4	200,900							80
85	68.5	311.4	185,800							85
90	66.8	309.3	172,700	69.3	311.5	166,700				90
95	65.0	307.0	161,100	67.5	309.4	155,500				95
100	63.2	304.4	150,800	65.8	307.2	145,500				100
105	61.3	301.7	141,700	64.0	304.7	136,700	66.6	307.0	131,700	105
110	59.4	298.8	133,500	62.1	302.1	128,700	64.8	304.6	124,000	110
115	57.5	295.6	126,100	60.3	299.3	121,500	63.0	302.0	117,000	115
120	55.6	292.2	119,300	58.4	296.2	115,000	61.1	299.3	110,700	120
125	53.6	288.5	113,200	56.5	292.9	109,100	59.2	296.3	105,000	125
130	51.5	284.6	107,500	54.5	289.4	103,600	57.3	293.1	99,700	130
135	49.4	280.3	102,400	52.4	285.5	98,600	55.3	289.7	94,900	135
140	47.2	275.7	97,600	50.3	281.4	94,000	53.3	286.0	90,400	140
145	44.9	270.8	93,200	48.2	277.0	89,700	51.3	282.0	86,300	145
150	42.5	265.4	89,100	45.9	272.2	85,800	49.1	277.7	82,400	150
155	40.0	259.5	85,300	43.6	267.0	82,100	46.9	273.1	78,900	155
160	37.4	253.1	81,700	41.2	261.4	78,600	44.6	268.1	75,500	160
165	34.6	246.0	78,300	38.6	255.2	75,400	42.3	262.7	72,400	165
170	31.6	238.1	75,200	35.9	248.4	72,300	39.7	256.7	69,500	170
175	28.2	229.1	72,200	33.0	240.9	69,500	37.1	250.2	66,700	175
180	24.5	218.6	69,400	29.8	232.4	66,800	34.3	243.1	64,100	180
185	20.1	205.9	66,800	26.2	222.7	64,200	31.2	235.0	61,600	185
190	14.3	188.8	64,200	22.2	211.1	61,800	27.8	225.9	59,300	190
195				17.1	196.4	59,500	24.0	215.2	57,100	195
200				9.7	174.0	57,200	19.5	202.1	55,000	200
205							13.5	184.3	52,900	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

137.8 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70										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	93,200							130
135	59.9	294.5	88,700							135
140	58.0	291.4	84,500							140
145	56.1	288.1	80,500							145
150	54.1	284.5	76,900							150
155	52.0	280.6	73,600	56.7	285.2	68,300				155
160	49.9	276.4	70,400	54.7	281.7	65,400				160
165	47.7	271.9	67,500	52.6	277.9	62,600				165
170	45.5	267.1	64,700	50.6	273.8	60,000				170
175	43.1	261.8	62,100	48.4	269.4	57,500				175
180	40.7	256.1	59,600	46.2	264.7	55,200	51.0	269.9	50,900	180
185	38.1	249.8	57,300	43.9	259.5	53,100	48.9	265.6	48,900	185
190	35.3	242.9	55,100	41.4	253.9	51,000	46.7	260.9	47,000	190
195	32.3	235.2	53,100	38.9	247.8	49,100	44.4	255.8	45,100	195
200	29.1	226.5	51,100	36.2	241.1	47,200	42.0	250.4	43,400	200
205	25.5	216.4	49,200	33.3	233.7	45,400	39.5	244.4	41,700	205
210	21.2	204.4	47,400	30.1	225.3	43,800	36.8	237.8	40,200	210
215	15.9	188.7	45,600	26.6	215.7	42,100	33.9	230.5	38,700	215
220	7.3	162.5	43,800	22.6	204.4	40,600	30.9	222.4	37,200	220
225				17.7	190.1	39,100	27.4	213.1	35,800	225
230				10.7	169.1	37,600	23.6	202.2	34,500	230
235							18.9	188.8	33,200	235
240							12.7	170.1	31,900	240

Liftcrane Luffing Jib Capacities

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

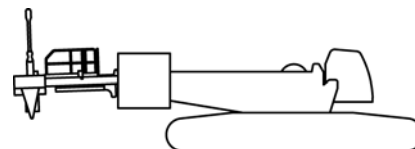
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



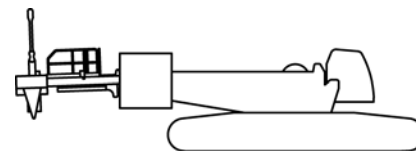
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
75	73.8	335.9	176,300*							75
80	72.3	334.3	175,600*							80
85	70.8	332.5	174,900*							85
90	69.2	330.6	171,500							90
95	67.6	328.6	159,900	69.9	330.7	154,100				95
100	66.0	326.4	149,600	68.3	328.7	144,200				100
105	64.4	324.0	140,500	66.8	326.5	135,300				105
110	62.8	321.4	132,300	65.2	324.2	127,400	67.5	326.3	122,500	110
115	61.1	318.7	124,900	63.5	321.7	120,200	65.9	324.0	115,600	115
120	59.4	315.7	118,100	61.9	319.1	113,700	64.2	321.6	109,300	120
125	57.7	312.6	112,000	60.2	316.2	107,800	62.6	319.0	103,600	125
130	56.0	309.2	106,400	58.5	313.2	102,300	60.9	316.3	98,300	130
135	54.2	305.6	101,200	56.8	309.9	97,300	59.3	313.3	93,500	135
140	52.3	301.8	96,400	55.0	306.4	92,700	57.5	310.1	89,000	140
145	50.5	297.7	92,000	53.2	302.7	88,500	55.8	306.7	84,900	145
150	48.5	293.3	87,900	51.3	298.7	84,500	54.0	303.1	81,100	150
155	46.5	288.6	84,100	49.4	294.5	80,800	52.1	299.3	77,500	155
160	44.5	283.6	80,600	47.4	289.9	77,400	50.2	295.1	74,200	160
165	42.3	278.1	77,200	45.4	285.0	74,200	48.3	290.7	71,100	165
170	40.1	272.3	74,100	43.3	279.8	71,100	46.3	286.0	68,200	170
175	37.7	265.9	71,200	41.1	274.1	68,300	44.2	280.9	65,400	175
180	35.2	259.0	68,400	38.8	268.0	65,600	42.1	275.4	62,800	180
185	32.6	251.3	65,800	36.4	261.3	63,100	39.8	269.5	60,400	185
190	29.7	242.8	63,300	33.8	254.0	60,700	37.4	263.1	58,100	190
195	26.5	233.1	61,000	31.0	245.9	58,500	34.9	256.0	55,900	195
200	22.9	221.8	58,700	28.0	236.7	56,300	32.2	248.3	53,800	200
205	18.7	208.1	56,600	24.6	226.3	54,200	29.3	239.6	51,900	205
210	13.1	189.7	54,500	20.7	213.8	52,300	26.1	229.8	50,000	210
215				15.9	198.0	50,400	22.5	218.4	48,200	215
220				8.5	173.3	48,500	18.1	204.3	46,400	220
225							12.3	184.9	44,700	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75										75
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	82,900							140
145	59.9	311.5	79,000							145
150	58.2	308.4	75,400							150
155	56.4	305.1	72,000							155
160	54.6	301.6	68,900							160
165	52.8	297.8	66,000	56.9	302.2	61,000				165
170	50.9	293.8	63,200	55.2	298.8	58,400				170
175	49.0	289.5	60,700	53.4	295.1	56,000				175
180	47.0	284.8	58,200	51.5	291.1	53,700				180
185	45.0	279.9	55,900	49.6	286.9	51,500				185
190	42.9	274.5	53,800	47.6	282.4	49,500	51.9	287.1	45,300	190
195	40.6	268.8	51,700	45.6	277.5	47,600	50.0	283.0	43,500	195
200	38.3	262.6	49,800	43.5	272.3	45,700	48.1	278.5	41,800	200
205	35.9	255.8	47,900	41.3	266.7	44,000	46.1	273.7	40,200	205
210	33.2	248.3	46,100	39.0	260.6	42,300	44.0	268.6	38,600	210
215	30.4	240.0	44,500	36.6	254.0	40,800	41.8	263.1	37,100	215
220	27.3	230.6	42,800	34.1	246.7	39,200	39.6	257.1	35,700	220
225	23.9	219.9	41,300	31.3	238.7	37,800	37.2	250.6	34,400	225
230	19.8	206.9	39,800	28.3	229.7	36,400	34.6	243.5	33,100	230
235	14.7	190.0	38,300	25.0	219.4	35,100	31.9	235.7	31,800	235
240	5.9	160.4	36,800	21.1	207.2	33,800	29.0	226.9	30,600	240
245				16.4	191.8	32,500	25.8	217.0	29,500	245
250				9.6	168.8	31,200	22.1	205.3	28,400	250
255							17.6	190.8	27,300	255
260							11.5	170.4	26,200	260

Liftcrane Luffing Jib Capacities

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

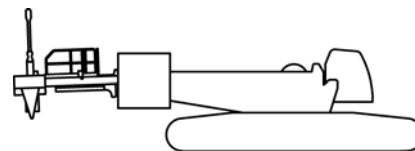
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



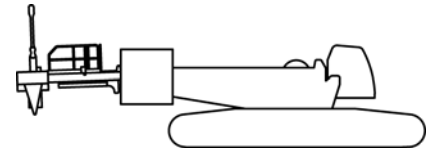
16000 MAX-ER

137.8 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80	74.0	354.9	147,400*							80
85	72.6	353.4	146,700*							85
90	71.2	351.6	145,900*							90
95	69.8	349.8	145,100*							95
100	68.3	347.8	144,300*	70.4	349.8	140,900*				100
105	66.9	345.7	139,100	69.0	347.9	133,900				105
110	65.5	343.4	130,900	67.6	345.8	126,000				110
115	64.0	341.0	123,500	66.1	343.6	118,800				115
120	62.5	338.4	116,800	64.6	341.2	112,300	66.7	343.4	107,800	120
125	61.0	335.6	110,600	63.2	338.7	106,300	65.3	341.1	102,000	125
130	59.4	332.7	105,000	61.7	336.0	100,900	63.8	338.6	96,800	130
135	57.9	329.6	99,900	60.1	333.2	95,900	62.3	336.0	92,000	135
140	56.3	326.2	95,100	58.6	330.1	91,300	60.8	333.2	87,500	140
145	54.7	322.7	90,700	57.0	326.9	87,000	59.3	330.2	83,400	145
150	53.0	319.0	86,600	55.4	323.5	83,100	57.7	327.1	79,600	150
155	51.3	315.0	82,800	53.8	319.8	79,400	56.1	323.8	76,000	155
160	49.6	310.8	79,200	52.1	316.0	76,000	54.5	320.2	72,700	160
165	47.8	306.3	75,900	50.4	311.8	72,800	52.8	316.4	69,600	165
170	46.0	301.5	72,800	48.6	307.5	69,800	51.1	312.4	66,700	170
175	44.1	296.4	69,900	46.8	302.8	66,900	49.4	308.2	64,000	175
180	42.1	290.9	67,100	45.0	297.8	64,300	47.6	303.6	61,400	180
185	40.1	285.0	64,500	43.0	292.5	61,800	45.8	298.8	59,000	185
190	38.0	278.7	62,100	41.0	286.9	59,400	43.9	293.7	56,700	190
195	35.7	271.9	59,700	38.9	280.7	57,100	41.9	288.2	54,500	195
200	33.3	264.4	57,500	36.7	274.1	55,000	39.9	282.2	52,500	200
205	30.8	256.2	55,400	34.4	267.0	53,000	37.7	275.9	50,500	205
210	28.1	247.1	53,400	32.0	259.1	51,000	35.5	269.0	48,700	210
215	25.0	236.8	51,500	29.3	250.5	49,200	33.1	261.4	46,900	215
220	21.6	224.8	49,700	26.4	240.7	47,400	30.5	253.1	45,200	220
225	17.5	210.1	47,900	23.2	229.6	45,800	27.7	243.9	43,600	225
230	12.1	190.2	46,200	19.4	216.3	44,100	24.7	233.4	42,000	230
235				14.7	199.3	42,500	21.2	221.2	40,500	235
240				7.4	172.1	40,900	17.0	206.1	39,000	240
245							11.3	185.2	37,600	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145	62.9	334.1	77,400							145
150	61.4	331.4	73,800							150
155	59.8	328.5	70,500							155
160	58.3	325.4	67,300							160
165	56.7	322.1	64,400							165
170	55.1	318.6	61,700							170
175	53.4	315.0	59,100	57.2	319.2	54,300				175
180	51.8	311.0	56,700	55.6	315.8	52,100				180
185	50.0	306.9	54,400	53.9	312.2	49,900				185
190	48.3	302.4	52,300	52.3	308.3	47,900				190
195	46.5	297.7	50,200	50.6	304.2	46,000				195
200	44.6	292.7	48,300	48.8	299.9	44,200	52.7	304.3	40,100	200
205	42.6	287.3	46,400	47.0	295.3	42,400	51.0	300.3	38,500	205
210	40.6	281.5	44,700	45.2	290.3	40,800	49.2	296.0	37,000	210
215	38.5	275.4	43,000	43.2	285.1	39,200	47.4	291.5	35,500	215
220	36.3	268.6	41,400	41.2	279.4	37,700	45.6	286.6	34,100	220
225	34.0	261.4	39,900	39.2	273.4	36,300	43.7	281.4	32,800	225
230	31.5	253.4	38,500	37.0	266.8	34,900	41.7	275.9	31,500	230
235	28.8	244.5	37,100	34.7	259.7	33,600	39.6	269.9	30,300	235
240	25.8	234.5	35,700	32.2	251.9	32,400	37.5	263.5	29,100	240
245	22.5	223.0	34,400	29.6	243.4	31,200	35.2	256.5	28,000	245
250	18.6	209.1	33,200	26.7	233.8	30,000	32.8	248.9	26,900	250
255	13.6	191.0	31,900	23.5	222.8	28,900	30.2	240.5	25,900	255
260	4.5	157.1	30,600	19.9	209.7	27,800	27.4	231.1	24,900	260
265				15.3	193.3	26,700	24.3	220.5	23,900	265
270				8.5	168.0	25,600	20.7	208.0	22,900	270
275							16.4	192.5	22,000	275
280							10.4	170.4	21,000	280

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 98.4 ft Mast No. 59A

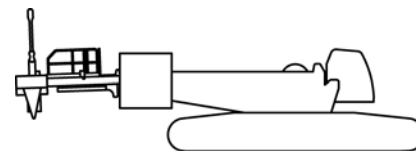
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



16000 MAX-ER

137.8 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155	62.6	351.1	69,000							155
160	61.2	348.3	65,900							160
165	59.8	345.4	62,900							165
170	58.4	342.4	60,200							170
175	56.9	339.1	57,700							175
180	55.5	335.7	55,300							180
185	54.0	332.0	53,000	57.4	336.2	48,400				185
190	52.4	328.2	50,800	55.9	332.8	46,400				190
195	50.9	324.2	48,800	54.4	329.3	44,400				195
200	49.3	319.9	46,900	52.9	325.5	42,600				200
205	47.6	315.4	45,100	51.4	321.5	40,900				205
210	46.0	310.6	43,300	49.8	317.3	39,300				210
215	44.2	305.5	41,700	48.1	312.9	37,800	51.7	317.5	33,900	215
220	42.4	300.1	40,100	46.5	308.2	36,300	50.1	313.4	32,600	220
225	40.6	294.3	38,600	44.8	303.1	34,900	48.5	309.0	31,200	225
230	38.7	288.1	37,200	43.0	297.8	33,500	46.9	304.4	30,000	230
235	36.7	281.5	35,800	41.2	292.2	32,200	45.2	299.4	28,800	235
240	34.5	274.3	34,500	39.3	286.1	31,000	43.4	294.2	27,600	240
245	32.3	266.6	33,200	37.3	279.6	29,800	41.6	288.6	26,500	245
250	29.9	258.1	32,000	35.2	272.7	28,700	39.7	282.6	25,500	250
255	27.3	248.7	30,800	33.0	265.1	27,600	37.7	276.3	24,400	255
260	24.5	238.1	29,700	30.6	256.8	26,500	35.7	269.4	23,400	260
265	21.3	225.9	28,600	28.1	247.7	25,500	33.5	262.0	22,500	265
270	17.5	211.1	27,500	25.4	237.5	24,500	31.2	253.9	21,600	270
275	12.6	191.7	26,400	22.3	225.9	23,600	28.7	245.0	20,700	275
280	2.8	151.6	25,300	18.7	212.0	22,600	26.0	235.1	19,800*	280
285				14.3	194.5	21,700	23.0	223.8	18,800*	285
290				7.5	166.8	20,700	19.6	210.5	17,900*	290
295							15.4	194.0	16,900*	295
300							9.5	170.1	15,900*	300

Liftcrane Luffing Jib Capacities

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

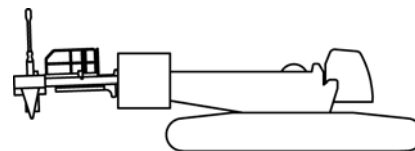
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



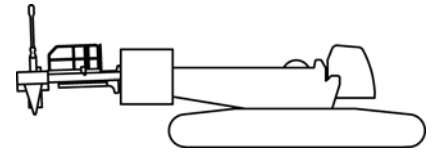
16000 MAX-ER

137.8 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	73.0	391.5	103,500*							95
100	71.8	389.9	102,800*							100
105	70.6	388.1	102,000*							105
110	69.4	386.2	101,200*							110
115	68.2	384.2	100,500*	70.0	386.2	98,800*				115
120	67.0	382.1	99,700*	68.8	384.3	98,300*				120
125	65.8	379.9	99,000*	67.6	382.2	97,700*				125
130	64.6	377.5	98,200*	66.3	380.0	97,100*				130
135	63.3	375.0	97,300*	65.1	377.7	93,400	66.9	379.8	89,300	135
140	62.0	372.3	92,800	63.9	375.3	88,800	65.7	377.5	84,900	140
145	60.7	369.5	88,400	62.6	372.7	84,600	64.4	375.1	80,800	145
150	59.5	366.6	84,300	61.3	370.0	80,600	63.2	372.6	77,000	150
155	58.1	363.5	80,500	60.0	367.1	77,000	61.9	369.9	73,400	155
160	56.8	360.2	76,900	58.7	364.0	73,500	60.6	367.1	70,100	160
165	55.4	356.8	73,600	57.4	360.9	70,300	59.3	364.2	67,000	165
170	54.1	353.2	70,500	56.1	357.5	67,300	58.0	361.0	64,200	170
175	52.7	349.4	67,600	54.7	354.0	64,500	56.6	357.8	61,400	175
180	51.2	345.4	64,900	53.3	350.3	61,900	55.3	354.3	58,900	180
185	49.8	341.2	62,300	51.9	346.4	59,400	53.9	350.7	56,500	185
190	48.3	336.7	59,800	50.4	342.2	57,000	52.5	346.9	54,200	190
195	46.7	332.1	57,500	48.9	337.9	54,800	51.1	342.9	52,100	195
200	45.2	327.1	55,300	47.4	333.4	52,700	49.6	338.6	50,000	200
205	43.5	321.9	53,300	45.9	328.5	50,700	48.1	334.1	48,100	205
210	41.9	316.4	51,300	44.3	323.5	48,800	46.6	329.5	46,200	210
215	40.1	310.5	49,400	42.6	318.1	46,900	45.0	324.5	44,500	215
220	38.3	304.3	47,600	40.9	312.3	45,200	43.3	319.2	42,800	220
225	36.5	297.6	45,900	39.2	306.3	43,600	41.7	313.7	41,200	225
230	34.5	290.4	44,300	37.3	299.8	42,000	39.9	307.7	39,700	230
235	32.5	282.7	42,700	35.4	292.9	40,500	38.1	301.5	38,300	235
240	30.3	274.3	41,200	33.4	285.4	39,000	36.3	294.7	36,900	240
245	27.9	265.1	39,800	31.3	277.3	37,600	34.3	287.5	35,500	245
250	25.4	254.9	38,400	29.0	268.5	36,300	32.2	279.7	34,200	250
255	22.6	243.4	37,000	26.6	258.8	35,000	30.0	271.2	33,000	255
260	19.4	229.9	35,700	23.9	247.9	33,800	27.7	261.9	31,800	260
265	15.5	213.4	34,500	20.9	235.4	32,600	25.1	251.6	30,600	265
270	10.2	190.4	33,000*	17.3	220.4	31,400	22.2	239.9	29,500	270
275				12.9	201.1	30,200	19.0	226.1	28,400	275
280				5.3	167.6	29,000	15.0	209.1	27,400	280
285							9.4	184.8	26,300	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



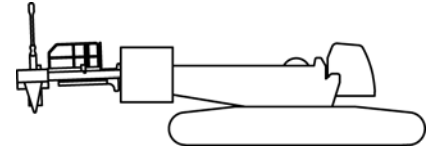
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165	62.3	368.0	61,600							165
170	61.1	365.3	58,900							170
175	59.8	362.4	56,400							175
180	58.5	359.3	54,000							180
185	57.1	356.1	51,700							185
190	55.8	352.7	49,600							190
195	54.4	349.1	47,500	57.5	353.2	43,100				195
200	53.0	345.4	45,600	56.2	349.8	41,300				200
205	51.6	341.4	43,800	54.8	346.3	39,600				205
210	50.1	337.3	42,100	53.4	342.6	38,000				210
215	48.6	332.9	40,400	52.0	338.7	36,400				215
220	47.1	328.3	38,900	50.6	334.7	35,000				220
225	45.5	323.4	37,400	49.1	330.4	33,600	52.3	334.8	29,900	225
230	43.9	318.3	35,900	47.6	325.8	32,200	50.9	330.7	28,600	230
235	42.3	312.8	34,600	46.0	321.0	31,000	49.4	326.5	27,400	235
240	40.6	307.0	33,300	44.4	316.0	29,700	47.9	322.0	26,300	240
245	38.8	300.9	32,000	42.8	310.6	28,600	46.4	317.2	25,200	245
250	37.0	294.3	30,800	41.1	304.9	27,400	44.8	312.2	24,100	250
255	35.0	287.3	29,600	39.3	298.9	26,300	43.2	307.0	23,100	255
260	33.0	279.7	28,500	37.5	292.5	25,300	41.5	301.3	22,100	260
265	30.8	271.5	27,500	35.6	285.6	24,300	39.7	295.4	21,100*	265
270	28.5	262.5	26,400	33.6	278.2	23,300	37.9	289.0	20,100*	270
275	26.0	252.6	25,400	31.5	270.2	22,400	36.1	282.3	19,100*	275
280	23.3	241.4	24,400	29.2	261.4	21,500	34.1	275.0	18,100*	280
285	20.2	228.5	23,500	26.8	251.8	20,600	32.0	267.1	17,200*	285
290	16.5	212.9	22,600	24.2	241.0	19,800	29.8	258.6	16,300*	290
295	11.8	192.2	21,600	21.2	228.7	18,900*	27.4	249.2	15,400*	295
300				17.7	214.1	18,000*	24.8	238.7	14,500*	300
305				13.4	195.4	17,000*	21.9	226.8	13,700*	305
310				6.5	165.1	16,000*	18.6	212.8	12,800*	310
315							14.5	195.3	12,000*	315
320							8.6	169.4	11,100*	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175	62.1	385.0	54,800							175
180	61.0	382.2	52,400							180
185	59.8	379.3	50,100							185
190	58.5	376.3	48,000							190
195	57.3	373.1	46,000							195
200	56.0	369.7	44,100							200
205	54.8	366.2	42,300	57.7	370.2	38,000				205
210	53.5	362.5	40,500	56.4	366.9	36,300				210
215	52.2	358.6	38,900	55.2	363.4	34,800				215
220	50.8	354.6	37,400	53.9	359.7	33,400				220
225	49.5	350.3	35,900	52.6	355.9	32,000				225
230	48.1	345.9	34,400	51.2	351.9	30,600				230
235	46.7	341.2	33,100	49.9	347.7	29,400	52.9	351.9	25,800	235
240	45.2	336.2	31,800	48.5	343.4	28,200	51.5	348.0	24,600	240
245	43.7	331.1	30,500	47.1	338.7	27,000	50.2	343.8	23,400*	245
250	42.1	325.6	29,400	45.6	333.9	25,900	48.8	339.5	22,200*	250
255	40.6	319.8	28,200	44.1	328.7	24,800	47.4	334.9	21,100*	255
260	38.9	313.7	27,100	42.6	323.4	23,800	46.0	330.1	20,000*	260
265	37.2	307.1	26,000	41.0	317.7	22,800	44.5	325.0	18,900*	265
270	35.4	300.2	25,000	39.4	311.6	21,800	43.0	319.7	17,900*	270
275	33.6	292.8	24,000	37.7	305.2	20,900	41.4	314.1	16,900*	275
280	31.6	284.8	23,100	36.0	298.5	19,900*	39.8	308.1	16,000*	280
285	29.5	276.1	22,200	34.1	291.2	18,900*	38.1	301.8	15,100*	285
290	27.3	266.7	21,300	32.2	283.4	17,900*	36.4	295.1	14,200*	290
295	24.9	256.2	20,400	30.2	274.9	17,000*	34.6	288.0	13,300*	295
300	22.2	244.5	19,500	28.0	265.7	16,100*	32.7	280.3	12,500*	300
305	19.2	230.9	18,700	25.7	255.6	15,200*	30.6	272.0	11,700*	305
310	15.7	214.4	17,900*	23.1	244.3	14,300*	28.5	263.0	10,900*	310
315	11.0	192.4	16,900*	20.2	231.3	13,500*	26.2	253.1	10,100*	315
320				16.8	215.9	12,700*	23.7	242.1	9,300*	320
325				12.6	196.1	11,800*	20.9	229.6	8,600*	325
330				5.5	162.7	10,900*	17.6	214.8	7,900*	330
335							13.6	196.3	7,100*	335
340							7.8	168.4	6,400*	340

Liftcrane Luffing Jib Capacities

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

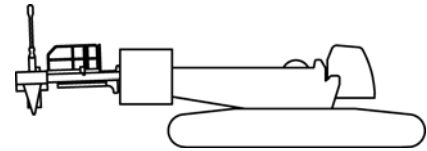
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



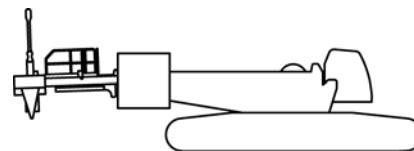
16000 MAX-ER

157.5 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	72.7	241.6	387,800*c							45
50	68.8	239.6	356,800*b							50
55	64.8	237.3	321,700*b							55
60	60.6	234.5	293,600*b	67.4	237.9	286,900b				60
65	56.2	231.2	267,500	63.3	235.4	258,400b				65
70	51.6	227.3	243,000	59.1	232.4	234,800b	66.0	235.7	226,500b	70
75	46.7	222.6	222,400	54.7	228.9	214,900	61.8	233.0	207,300b	75
80	41.2	217.1	204,900	49.9	224.8	197,900	57.5	229.9	190,900b	80
85	35.1	210.3	189,600	44.8	219.9	183,300	53.0	226.2	176,800	85
90	27.7	201.4	176,300	39.2	214.0	170,500	48.2	221.8	164,500	90
95	17.3	188.2	164,400	32.7	206.6	159,100	42.9	216.5	153,600	95
100				24.6	196.7	149,000	37.0	210.1	143,900	100
105				11.6	179.5	139,700	30.1	202.0	135,200	105
110							21.0	190.6	127,300	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

157.5 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	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	154,400b							90
95	56.2	225.6	144,200b							95
100	51.6	221.6	135,100							100
105	46.6	217.0	127,000							105
110	41.2	211.5	119,700	54.5	219.8	111,900				110
115	35.0	204.6	113,100	49.8	215.6	105,800				115
120	27.6	195.8	107,000	44.7	210.7	100,100				120
125	17.3	182.4	101,300	39.0	204.7	95,000	52.4	212.4	88,400	125
130				32.5	197.2	90,200	47.5	207.9	84,000	130
135				24.3	187.2	85,700	42.2	202.5	79,900	135
140				10.9	169.4	81,400	36.2	196.0	76,100	140
145							29.0	187.6	72,600	145
150							19.5	175.4	69,200	150

Liftcrane Luffing Jib Capacities

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

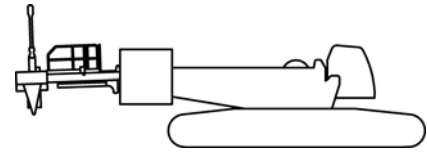
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



16000 MAX-ER

157.5 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	73.2	260.6	343,200*c							50
55	70.1	258.8	322,900*b							55
60	66.9	256.7	293,100*b							60
65	63.7	254.3	266,900*b	69.0	257.2	257,500*b				65
70	60.4	251.4	242,500	65.8	254.9	234,000*b				70
75	56.9	248.2	222,000	62.6	252.4	214,200	67.9	255.0	206,300*b	75
80	53.3	244.5	204,500	59.2	249.4	197,300	64.7	252.7	190,000*b	80
85	49.5	240.3	189,400	55.7	246.0	182,700	61.4	250.0	175,900	85
90	45.4	235.4	176,200	52.0	242.2	170,000	57.9	246.9	163,700	90
95	41.0	229.9	164,600	48.1	237.7	158,800	54.4	243.3	152,900	95
100	36.2	223.2	154,300	43.9	232.7	148,800	50.6	239.3	143,300	100
105	30.7	215.2	145,000	39.4	226.7	139,900	46.6	234.6	134,700	105
110	24.1	204.9	136,600	34.4	219.7	131,900	42.4	229.3	127,000	110
115	14.5	189.3	128,900	28.6	211.1	124,600	37.7	223.0	120,000	115
120				21.3	199.5	117,900	32.4	215.4	113,700	120
125				8.8	178.7	111,600	26.2	206.0	107,800	125
130							17.9	192.6	102,300	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

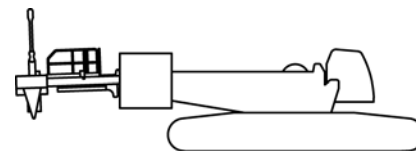
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



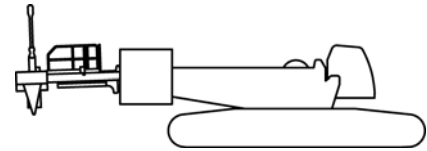
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	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	134,100							100
105	56.9	242.6	126,100							105
110	53.3	238.9	118,800							110
115	49.4	234.7	112,300							115
120	45.4	229.8	106,400	55.5	236.9	99,100				120
125	41.0	224.2	100,900	51.9	233.0	94,000				125
130	36.2	217.6	95,900	48.0	228.5	89,300				130
135	30.7	209.6	91,300	43.8	223.4	85,000				135
140	24.0	199.2	87,000	39.3	217.5	81,100	50.1	225.5	75,100	140
145	14.4	183.6	82,900	34.2	210.4	77,400	46.1	220.7	71,700	145
150				28.4	201.7	73,900	41.8	215.3	68,500	150
155				21.0	190.0	70,600	37.1	208.9	65,500	155
160				8.1	168.4	67,300	31.7	201.1	62,700	160
165							25.3	191.3	60,000	165
170							16.5	177.1	57,400	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

157.5 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	73.6	279.7	305,800* ^b							55
60	71.0	278.0	295,200* ^b							60
65	68.4	276.0	265,900							65
70	65.7	273.8	241,500	70.1	276.4	232,600 ^b				70
75	63.0	271.2	221,000	67.5	274.3	212,900				75
80	60.2	268.4	203,500	64.8	272.0	196,000				80
85	57.3	265.2	188,500	62.0	269.3	181,500	66.5	272.1	174,500	85
90	54.4	261.6	175,300	59.2	266.4	168,800	63.8	269.7	162,300	90
95	51.3	257.7	163,700	56.3	263.1	157,600	61.0	266.9	151,500	95
100	48.0	253.2	153,500	53.3	259.4	147,700	58.2	263.8	142,000	100
105	44.6	248.2	144,300	50.2	255.2	138,900	55.3	260.4	133,500	105
110	40.9	242.6	136,100	46.9	250.6	130,900	52.2	256.6	125,800	110
115	37.0	236.1	128,600	43.4	245.4	123,700	49.0	252.3	118,900	115
120	32.6	228.6	121,800	39.6	239.5	117,200	45.6	247.4	112,600	120
125	27.5	219.5	115,600	35.5	232.7	111,200	42.0	242.0	106,800	125
130	21.4	207.8	109,800	30.9	224.7	105,700	38.2	235.8	101,600	130
135	12.4	189.9	104,400	25.6	214.9	100,600	33.9	228.6	96,700	135
140				18.8	201.8	95,900	29.1	220.0	92,200	140
145				6.4	176.8	91,300	23.4	209.3	88,000	145
150							15.6	194.1	84,000	150
155										155
160										160
165										165
170										170
175										175
180										180
185										185
190										190

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL

with 98.4 ft Mast No. 59A

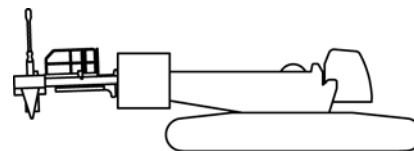
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



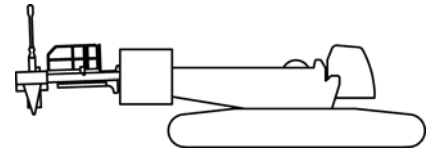
16000 MAX-ER

157.5 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105	63.0	265.6	124,400							105
110	60.2	262.8	117,300							110
115	57.3	259.6	110,800							115
120	54.3	256.0	104,900							120
125	51.2	252.1	99,500							125
130	48.0	247.6	94,600	56.2	253.9	87,700				130
135	44.6	242.6	90,100	53.2	250.2	83,400				135
140	40.9	236.9	85,900	50.1	246.0	79,500				140
145	36.9	230.5	82,000	46.7	241.4	75,900				145
150	32.5	222.9	78,300	43.2	236.2	72,500	51.8	242.8	66,800	150
155	27.5	213.8	74,900	39.5	230.2	69,400	48.6	238.4	63,900	155
160	21.3	202.1	71,700	35.4	223.4	66,400	45.2	233.6	61,200	160
165	12.3	184.1	68,600	30.8	215.3	63,600	41.6	228.0	58,600	165
170				25.4	205.4	61,000	37.6	221.7	56,200	170
175				18.5	192.2	58,500	33.3	214.4	53,900	175
180				5.5	165.9	55,900	28.4	205.6	51,700	180
185							22.5	194.4	49,600	185
190							14.3	178.2	47,600	190

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



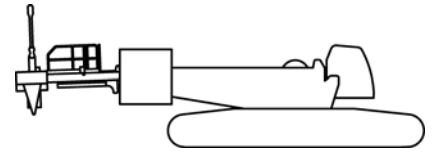
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
60	73.8	298.8	272,900*							60
65	71.6	297.1	264,900							65
70	69.4	295.2	240,600							70
75	67.1	293.1	220,100	70.8	295.5	211,800				75
80	64.8	290.8	202,600	68.6	293.6	194,900				80
85	62.5	288.2	187,600	66.3	291.4	180,400				85
90	60.1	285.3	174,400	64.0	289.0	167,700	67.8	291.4	161,100	90
95	57.6	282.2	162,900	61.7	286.3	156,600	65.5	289.2	150,300	95
100	55.1	278.7	152,600	59.3	283.3	146,700	63.2	286.6	140,800	100
105	52.5	274.9	143,500	56.8	280.1	137,900	60.8	283.9	132,300	105
110	49.8	270.7	135,300	54.2	276.5	130,000	58.4	280.8	124,700	110
115	47.0	266.1	127,900	51.6	272.6	122,800	55.9	277.4	117,800	115
120	44.0	261.0	121,100	48.8	268.2	116,300	53.3	273.7	111,600	120
125	40.8	255.3	114,900	46.0	263.5	110,400	50.6	269.7	105,900	125
130	37.5	248.9	109,300	42.9	258.2	105,000	47.8	265.2	100,600	130
135	33.8	241.7	104,100	39.7	252.3	100,000	44.9	260.2	95,800	135
140	29.7	233.3	99,300	36.2	245.6	95,300	41.8	254.7	91,400	140
145	25.1	223.2	94,800	32.5	238.0	91,000	38.5	248.6	87,200	145
150	19.3	210.2	90,600	28.2	229.1	87,000	34.9	241.6	83,400	150
155	10.6	189.9	86,500	23.2	218.1	83,300	31.0	233.6	79,800	155
160				16.8	203.6	79,700	26.5	224.0	76,500	160
165				3.8	172.8	76,100	21.1	212.1	73,300	165
170							13.8	195.1	70,200	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

157.5 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60										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	109,500							115
120	60.1	279.7	103,700							120
125	57.6	276.6	98,300							125
130	55.1	273.1	93,400							130
135	52.5	269.3	88,900							135
140	49.8	265.1	84,800	56.7	270.9	78,200				140
145	46.9	260.5	80,900	54.1	267.3	74,700				145
150	44.0	255.4	77,300	51.5	263.4	71,300				150
155	40.8	249.7	74,000	48.7	259.0	68,200				155
160	37.5	243.3	70,900	45.9	254.2	65,300	52.9	260.0	59,800	160
165	33.8	236.0	67,900	42.8	248.9	62,600	50.3	255.9	57,300	165
170	29.7	227.6	65,200	39.6	243.0	60,000	47.4	251.4	54,900	170
175	25.0	217.5	62,600	36.1	236.3	57,600	44.5	246.3	52,700	175
180	19.2	204.5	60,100	32.3	228.7	55,300	41.4	240.8	50,600	180
185	10.5	184.1	57,600	28.1	219.7	53,200	38.1	234.5	48,600	185
190				23.0	208.7	51,100	34.4	227.4	46,700	190
195				16.6	193.9	49,100	30.5	219.2	44,900	195
200							25.9	209.4	43,200	200
205							20.3	197.1	41,500	205
210							12.5	178.8	39,800	210

Liftcrane Luffing Jib Capacities

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

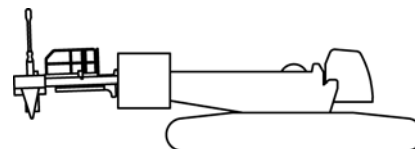
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



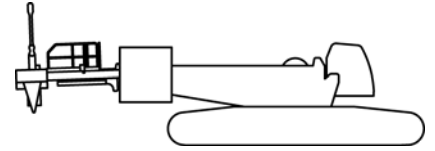
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
65	74.0	317.8	234,700*							65
70	72.1	316.2	227,500*							70
75	70.1	314.4	218,900							75
80	68.2	312.4	201,500							80
85	66.2	310.2	186,400	69.5	312.8	179,000				85
90	64.2	307.8	173,300	67.5	310.7	166,400				90
95	62.1	305.2	161,700	65.5	308.4	155,300				95
100	60.0	302.3	151,500	63.5	306.0	145,400	66.8	308.5	139,300	100
105	57.9	299.2	142,400	61.4	303.2	136,600	64.8	306.2	130,900	105
110	55.7	295.8	134,200	59.3	300.3	128,700	62.7	303.6	123,300	110
115	53.4	292.1	126,700	57.1	297.1	121,600	60.6	300.8	116,400	115
120	51.1	288.1	120,000	54.9	293.6	115,100	58.5	297.8	110,200	120
125	48.7	283.7	113,900	52.6	289.8	109,200	56.3	294.5	104,500	125
130	46.2	279.0	108,300	50.3	285.7	103,800	54.1	290.9	99,300	130
135	43.5	273.8	103,100	47.8	281.2	98,800	51.8	287.0	94,500	135
140	40.8	268.1	98,300	45.3	276.3	94,200	49.4	282.7	90,100	140
145	37.9	261.8	93,900	42.6	270.9	89,900	46.9	278.1	86,000	145
150	34.7	254.7	89,800	39.8	265.0	86,000	44.3	273.0	82,200	150
155	31.3	246.7	85,900	36.8	258.5	82,300	41.6	267.5	78,600	155
160	27.5	237.5	82,300	33.6	251.1	78,800	38.7	261.4	75,300	160
165	23.0	226.4	78,900	30.0	242.7	75,600	35.7	254.6	72,200	165
170	17.6	212.2	75,700	26.0	233.0	72,500	32.3	246.9	69,300	170
175	9.0	189.4	72,600	21.3	221.0	69,600	28.6	238.0	66,500	175
180				15.2	205.0	66,900	24.4	227.6	63,900	180
185							19.3	214.5	61,400	185
190							12.2	195.7	59,000	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



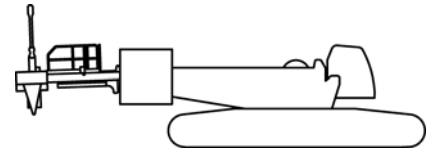
16000 MAX-ER

157.5 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65										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	96,700							125
130	60.0	296.7	91,800							130
135	57.9	293.5	87,400							135
140	55.7	290.1	83,200							140
145	53.4	286.5	79,400							145
150	51.1	282.5	75,900	57.1	287.9	69,600				150
155	48.7	278.1	72,500	54.8	284.4	66,500				155
160	46.2	273.4	69,500	52.5	280.6	63,700				160
165	43.5	268.1	66,600	50.2	276.5	61,000				165
170	40.8	262.4	63,900	47.7	272.0	58,500				170
175	37.8	256.1	61,300	45.2	267.1	56,100	51.5	273.2	51,000	175
180	34.7	249.1	58,900	42.5	261.7	53,800	49.1	268.9	48,900	180
185	31.3	241.1	56,600	39.7	255.8	51,700	46.6	264.2	47,000	185
190	27.4	231.8	54,400	36.7	249.2	49,700	44.0	259.1	45,100	190
195	23.0	220.7	52,300	33.5	241.8	47,800	41.3	253.5	43,300	195
200	17.5	206.5	50,300	29.9	233.4	46,000	38.4	247.3	41,700	200
205	8.9	183.5	48,300	25.9	223.6	44,300	35.2	240.4	40,100	205
210				21.1	211.5	42,600	31.9	232.6	38,500	210
215				15.0	195.3	40,900	28.1	223.6	37,100	215
220							23.8	212.9	35,700	220
225							18.6	199.3	34,300	225
230							11.0	179.0	32,900	230

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



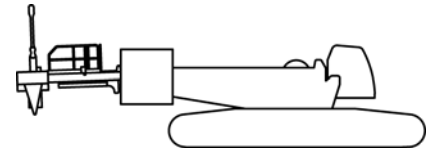
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
75	72.4	335.3	194,800*							75
80	70.7	333.5	188,900*							80
85	69.0	331.6	182,600*							85
90	67.2	329.5	172,200	70.1	332.0	165,200				90
95	65.5	327.3	160,700	68.4	330.0	154,100				95
100	63.7	324.8	150,500	66.6	327.8	144,300				100
105	61.8	322.1	141,300	64.8	325.5	135,500	67.8	327.8	129,600	105
110	60.0	319.2	133,100	63.0	322.9	127,600	66.0	325.6	122,000	110
115	58.1	316.1	125,700	61.2	320.2	120,400	64.2	323.2	115,200	115
120	56.1	312.8	119,000	59.3	317.2	114,000	62.4	320.6	109,000	120
125	54.1	309.2	112,900	57.4	314.0	108,100	60.5	317.8	103,300	125
130	52.1	305.3	107,300	55.4	310.6	102,700	58.6	314.7	98,100	130
135	50.0	301.2	102,100	53.4	306.9	97,700	56.7	311.5	93,300	135
140	47.8	296.7	97,400	51.4	303.0	93,100	54.7	308.0	88,900	140
145	45.5	291.8	92,900	49.2	298.7	88,900	52.7	304.2	84,800	145
150	43.2	286.5	88,900	47.0	294.1	85,000	50.6	300.1	81,100	150
155	40.7	280.8	85,000	44.7	289.1	81,300	48.4	295.7	77,500	155
160	38.1	274.6	81,500	42.4	283.7	77,900	46.2	291.0	74,200	160
165	35.4	267.7	78,100	39.9	277.8	74,700	43.9	285.8	71,200	165
170	32.4	260.0	75,000	37.2	271.3	71,600	41.5	280.2	68,300	170
175	29.2	251.3	72,100	34.4	264.1	68,800	38.9	274.1	65,600	175
180	25.6	241.3	69,300	31.3	256.1	66,100	36.2	267.4	63,000	180
185	21.4	229.3	66,600	28.0	247.1	63,600	33.3	260.0	60,600	185
190	16.1	213.8	64,100	24.2	236.5	61,200	30.2	251.7	58,300	190
195	7.7	188.2	61,600	19.7	223.5	58,900	26.7	242.1	56,100	195
200				13.8	206.0	56,700	22.7	230.8	54,000	200
205							17.8	216.6	52,000	205
210							10.9	195.8	50,000	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



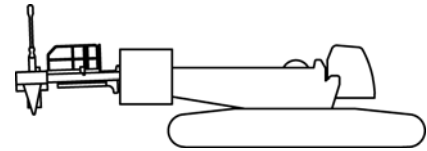
16000 MAX-ER

157.5 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75										75
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	86,000							135
140	59.9	313.6	81,900							140
145	58.0	310.5	78,100							145
150	56.1	307.2	74,600							150
155	54.1	303.6	71,300							155
160	52.1	299.7	68,200	57.3	304.9	62,300				160
165	50.0	295.5	65,400	55.4	301.5	59,700				165
170	47.8	291.0	62,700	53.4	297.8	57,200				170
175	45.5	286.2	60,100	51.3	293.8	54,800				175
180	43.2	280.9	57,800	49.2	289.5	52,600				180
185	40.7	275.2	55,500	47.0	284.9	50,500	52.4	290.4	45,600	185
190	38.1	268.9	53,400	44.7	279.9	48,500	50.3	286.3	43,800	190
195	35.4	262.0	51,300	42.3	274.4	46,600	48.2	281.9	42,000	195
200	32.4	254.3	49,400	39.8	268.5	44,800	45.9	277.1	40,400	200
205	29.2	245.6	47,600	37.1	262.0	43,200	43.6	271.9	38,800	205
210	25.5	235.6	45,800	34.3	254.9	41,500	41.2	266.2	37,300	210
215	21.3	223.6	44,100	31.2	246.8	40,000	38.6	260.1	35,900	215
220	16.1	208.1	42,500	27.9	237.7	38,500	35.9	253.3	34,500	220
225	7.6	182.3	40,800	24.1	227.1	37,100	32.9	245.7	33,200	225
230				19.6	214.0	35,700	29.7	237.3	32,000	230
235				13.6	196.2	34,300	26.2	227.5	30,700	235
240							22.1	215.9	29,600	240
245							17.1	201.2	28,400	245
250							9.6	178.7	27,200	250

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



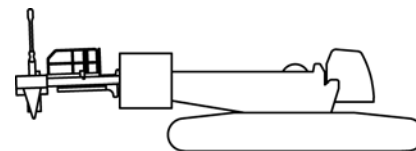
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
80	72.7	354.4	162,600*							80
85	71.2	352.7	162,200*							85
90	69.6	350.8	158,400*							90
95	68.1	348.8	153,500*	70.7	351.1	152,700				95
100	66.5	346.6	148,300*	69.1	349.2	142,900				100
105	64.9	344.3	140,100	67.5	347.1	134,100				105
110	63.2	341.8	131,900	65.9	344.9	126,200				110
115	61.6	339.1	124,500	64.3	342.5	119,100	67.0	345.0	113,700	115
120	59.9	336.2	117,800	62.7	339.9	112,600	65.4	342.7	107,500	120
125	58.2	333.1	111,700	61.0	337.1	106,700	63.7	340.2	101,800	125
130	56.5	329.8	106,100	59.3	334.2	101,300	62.1	337.6	96,600	130
135	54.7	326.3	100,900	57.6	331.0	96,400	60.4	334.7	91,900	135
140	52.9	322.5	96,200	55.8	327.7	91,800	58.7	331.7	87,500	140
145	51.0	318.5	91,800	54.1	324.0	87,600	57.0	328.5	83,400	145
150	49.1	314.2	87,700	52.2	320.2	83,700	55.2	325.0	79,600	150
155	47.1	309.6	83,900	50.3	316.1	80,000	53.4	321.3	76,100	155
160	45.0	304.6	80,300	48.4	311.7	76,600	51.5	317.4	72,900	160
165	42.9	299.3	77,000	46.4	307.0	73,400	49.6	313.1	69,800	165
170	40.7	293.6	73,900	44.3	301.9	70,400	47.7	308.6	66,900	170
175	38.4	287.3	71,000	42.2	296.4	67,600	45.7	303.8	64,200	175
180	35.9	280.6	68,200	39.9	290.5	65,000	43.6	298.6	61,700	180
185	33.3	273.1	65,600	37.5	284.1	62,500	41.4	293.0	59,300	185
190	30.5	264.8	63,100	35.0	277.1	60,100	39.1	286.9	57,000	190
195	27.4	255.5	60,800	32.4	269.4	57,800	36.7	280.3	54,900	195
200	24.0	244.8	58,600	29.5	260.8	55,700	34.1	273.0	52,800	200
205	19.9	231.9	56,400	26.3	251.0	53,700	31.4	265.0	50,900	205
210	14.9	215.1	54,400	22.7	239.6	51,700	28.4	256.1	49,000	210
215	6.3	186.4	52,300	18.3	225.7	49,900	25.0	245.8	47,200	215
220				12.6	206.7	48,000	21.2	233.6	45,500	220
225							16.5	218.4	43,900	225
230							9.7	195.6	42,200	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

157.5 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80										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	76,500							145
150	59.9	330.6	73,000							150
155	58.2	327.5	69,700							155
160	56.4	324.2	66,700							160
165	54.7	320.7	63,800							165
170	52.8	316.9	61,200	57.5	321.9	55,500				170
175	51.0	312.9	58,600	55.8	318.5	53,100				175
180	49.1	308.6	56,300	54.0	314.9	50,900				180
185	47.1	304.0	54,000	52.2	311.0	48,900				185
190	45.0	299.0	51,900	50.3	306.9	46,900				190
195	42.9	293.7	49,900	48.3	302.5	45,100				195
200	40.7	287.9	48,000	46.3	297.7	43,300	51.3	303.6	38,700	200
205	38.4	281.7	46,200	44.2	292.6	41,600	49.4	299.4	37,100	205
210	35.9	274.9	44,500	42.1	287.2	40,000	47.4	294.8	35,700	210
215	33.3	267.5	42,900	39.8	281.3	38,500	45.4	289.9	34,300	215
220	30.5	259.2	41,300	37.5	274.8	37,100	43.3	284.7	32,900	220
225	27.4	249.9	39,800	35.0	267.8	35,700	41.1	279.0	31,600	225
230	23.9	239.1	38,300	32.3	260.1	34,300	38.8	272.9	30,400	230
235	19.9	226.2	36,900	29.4	251.4	33,100	36.3	266.2	29,200	235
240	14.8	209.4	35,600	26.2	241.6	31,800	33.8	258.8	28,100	240
245	6.2	180.4	34,200	22.5	230.2	30,600	31.0	250.7	27,000	245
250				18.2	216.2	29,500	28.0	241.6	26,000	250
255				12.4	196.9	28,300	24.6	231.1	25,000	255
260							20.7	218.6	24,000	260
265							15.8	202.8	23,000	265
270							8.4	177.9	22,000	270

Liftcrane Luffing Jib Capacities

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

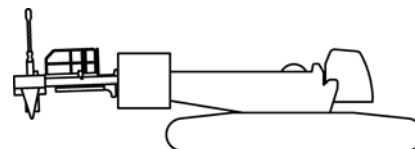
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



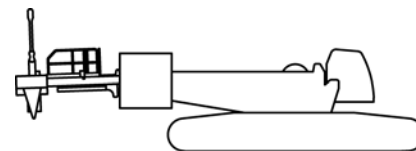
16000 MAX-ER

157.5 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	73.0	373.4	136,200*							85
90	71.6	371.8	135,700*							90
95	70.2	370.0	135,100*							95
100	68.7	368.0	133,600*							100
105	67.3	365.9	129,800*	69.7	368.4	131,200*				105
110	65.9	363.7	125,900*	68.2	366.4	124,700				110
115	64.4	361.3	121,800*	66.8	364.2	117,600				115
120	62.9	358.8	116,400	65.4	361.9	111,200	67.7	364.2	105,900	120
125	61.4	356.0	110,300	63.9	359.5	105,300	66.3	362.0	100,300	125
130	59.9	353.1	104,700	62.4	356.9	99,900	64.8	359.7	95,100	130
135	58.3	350.1	99,500	60.9	354.1	94,900	63.3	357.2	90,300	135
140	56.7	346.8	94,800	59.3	351.1	90,400	61.8	354.5	86,000	140
145	55.1	343.3	90,400	57.8	348.0	86,100	60.3	351.7	81,900	145
150	53.5	339.6	86,300	56.2	344.7	82,200	58.8	348.7	78,100	150
155	51.8	335.7	82,500	54.6	341.1	78,600	57.2	345.5	74,600	155
160	50.1	331.6	79,000	52.9	337.4	75,200	55.6	342.0	71,400	160
165	48.3	327.2	75,700	51.2	333.4	72,000	54.0	338.4	68,300	165
170	46.5	322.5	72,600	49.5	329.1	69,000	52.3	334.6	65,500	170
175	44.6	317.4	69,700	47.7	324.6	66,200	50.6	330.5	62,800	175
180	42.7	312.1	66,900	45.9	319.8	63,600	48.8	326.2	60,200	180
185	40.7	306.3	64,300	44.0	314.7	61,100	47.0	321.5	57,800	185
190	38.6	300.1	61,900	42.0	309.2	58,700	45.2	316.6	55,600	190
195	36.4	293.4	59,500	40.0	303.3	56,500	43.3	311.4	53,400	195
200	34.0	286.2	57,300	37.8	296.9	54,400	41.3	305.7	51,400	200
205	31.5	278.2	55,300	35.6	290.0	52,400	39.2	299.7	49,500	205
210	28.8	269.3	53,300	33.2	282.5	50,500	37.0	293.1	47,700	210
215	25.9	259.4	51,300	30.6	274.3	48,600	34.7	286.0	45,900	215
220	22.6	247.9	49,500	27.9	265.1	46,900	32.3	278.3	44,200	220
225	18.7	234.1	47,800	24.8	254.7	45,200	29.7	269.7	42,700	225
230	13.8	216.2	46,000	21.3	242.5	43,600	26.8	260.1	41,100	230
235	5.0	183.5	43,600*	17.2	227.6	42,000	23.6	249.2	39,600	235
240				11.6	207.1	40,500	19.9	236.2	38,200	240
245							15.4	219.8	36,800	245
250							8.7	194.9	35,400	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

157.5 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150	62.9	353.1	71,400							150
155	61.4	350.4	68,100							155
160	59.9	347.5	65,100							160
165	58.3	344.5	62,200							165
170	56.7	341.2	59,600							170
175	55.1	337.7	57,100							175
180	53.5	334.0	54,700	57.7	338.9	49,300				180
185	51.8	330.1	52,500	56.1	335.5	47,200				185
190	50.1	326.0	50,400	54.5	332.0	45,300				190
195	48.3	321.5	48,400	52.9	328.2	43,400				195
200	46.5	316.8	46,500	51.2	324.2	41,700				200
205	44.6	311.8	44,700	49.4	319.9	40,000				205
210	42.7	306.4	43,000	47.6	315.4	38,400	52.1	320.8	34,000	210
215	40.7	300.7	41,400	45.8	310.6	36,900	50.4	316.7	32,600	215
220	38.5	294.5	39,800	43.9	305.4	35,500	48.6	312.4	31,300	220
225	36.3	287.8	38,400	41.9	299.9	34,100	46.8	307.7	30,000	225
230	34.0	280.5	36,900	39.9	294.0	32,800	44.9	302.7	28,800	230
235	31.5	272.5	35,600	37.7	287.6	31,600	43.0	297.4	27,600	235
240	28.8	263.7	34,300	35.5	280.7	30,400	41.0	291.7	26,500	240
245	25.9	253.7	33,000	33.1	273.2	29,200	38.9	285.6	25,500	245
250	22.6	242.2	31,800	30.5	265.0	28,100	36.7	279.0	24,400	250
255	18.7	228.4	30,600	27.8	255.7	27,000	34.4	271.9	23,400	255
260	13.7	210.4	29,500	24.7	245.3	26,000	32.0	264.0	22,500	260
265	4.9	177.5	28,200	21.2	233.1	25,000	29.3	255.3	21,600	265
270				17.0	218.0	24,000	26.4	245.6	20,700*	270
275				11.3	197.2	23,000	23.2	234.4	19,700*	275
280							19.4	221.1	18,700*	280
285							14.7	204.1	17,700*	285
290							7.3	176.6	16,700*	290

Liftcrane Luffing Jib Capacities

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

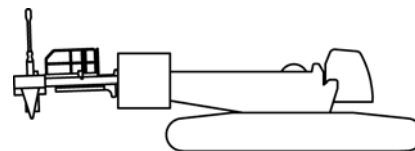
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



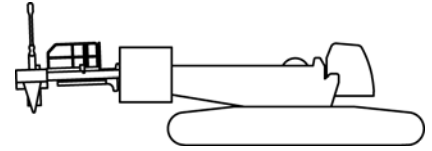
16000 MAX-ER

157.5 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	73.2	392.5	115,300*							90
95	71.9	390.9	114,700*							95
100	70.6	389.1	114,200*							100
105	69.3	387.2	113,600*							105
110	68.0	385.2	112,900*	70.1	387.5	110,800*				110
115	66.7	383.0	110,500*	68.8	385.6	110,500*				115
120	65.3	380.8	107,400*	67.5	383.5	109,800				120
125	64.0	378.3	104,300*	66.2	381.3	103,900				125
130	62.6	375.7	101,100*	64.9	379.0	98,500	67.1	381.4	93,600	130
135	61.2	373.0	97,900*	63.5	376.5	93,600	65.7	379.1	88,900	135
140	59.8	370.1	93,600	62.1	373.9	89,000	64.4	376.7	84,500	140
145	58.4	367.0	89,200	60.8	371.1	84,800	63.0	374.2	80,500	145
150	57.0	363.8	85,100	59.3	368.1	80,900	61.7	371.5	76,700	150
155	55.5	360.4	81,300	57.9	365.0	77,300	60.3	368.6	73,200	155
160	54.0	356.8	77,800	56.5	361.7	73,900	58.8	365.6	70,000	160
165	52.5	352.9	74,500	55.0	358.2	70,700	57.4	362.4	66,900	165
170	50.9	348.9	71,400	53.5	354.5	67,700	55.9	359.1	64,100	170
175	49.3	344.6	68,500	51.9	350.6	64,900	54.4	355.5	61,400	175
180	47.7	340.1	65,800	50.4	346.5	62,300	52.9	351.7	58,900	180
185	46.0	335.3	63,200	48.8	342.1	59,800	51.4	347.8	56,500	185
190	44.3	330.2	60,700	47.1	337.5	57,500	49.8	343.6	54,300	190
195	42.5	324.8	58,400	45.4	332.6	55,300	48.2	339.1	52,100	195
200	40.6	319.1	56,200	43.7	327.4	53,200	46.5	334.4	50,100	200
205	38.7	312.9	54,100	41.9	321.9	51,200	44.8	329.4	48,200	205
210	36.7	306.3	52,200	40.0	316.0	49,300	43.0	324.1	46,400	210
215	34.6	299.1	50,300	38.0	309.7	47,500	41.2	318.5	44,700	215
220	32.4	291.4	48,500	36.0	302.9	45,700	39.3	312.4	43,000	220
225	30.0	282.9	46,800	33.8	295.6	44,100	37.3	306.0	41,400	225
230	27.4	273.5	45,100	31.5	287.6	42,500	35.2	299.0	39,900	230
235	24.6	263.0	43,500	29.1	278.8	41,000	33.0	291.4	38,500	235
240	21.4	250.8	42,000	26.4	269.1	39,600	30.7	283.2	37,100	240
245	17.6	236.2	40,500	23.5	258.0	38,200	28.2	274.1	35,700	245
250	12.8	216.9	39,100	20.1	245.1	36,800	25.4	263.9	34,500	250
255	3.5	179.1	35,000*	16.1	229.3	35,500	22.4	252.3	33,200	255
260				10.6	207.1	34,200	18.8	238.5	32,000	260
265							14.4	221.0	30,800	265
270							7.7	193.8	29,600	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

157.5 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160	62.6	370.1	63,500							160
165	61.2	367.4	60,700							165
170	59.8	364.5	58,000							170
175	58.4	361.4	55,500							175
180	57.0	358.2	53,200							180
185	55.5	354.8	51,000							185
190	54.0	351.1	48,900	57.9	355.8	43,600				190
195	52.5	347.3	46,900	56.4	352.5	41,800				195
200	50.9	343.3	45,100	54.9	349.0	40,100				200
205	49.3	339.0	43,300	53.4	345.3	38,400				205
210	47.7	334.5	41,600	51.9	341.4	36,900				210
215	46.0	329.7	40,000	50.3	337.3	35,400				215
220	44.3	324.6	38,500	48.7	332.9	34,000	52.7	338.0	29,600	220
225	42.5	319.2	37,000	47.1	328.3	32,600	51.2	334.0	28,400	225
230	40.6	313.4	35,600	45.4	323.4	31,300	49.6	329.8	27,200	230
235	38.7	307.3	34,300	43.6	318.2	30,100	48.0	325.3	26,000	235
240	36.7	300.6	33,000	41.8	312.7	28,900	46.3	320.6	24,900	240
245	34.6	293.5	31,700	39.9	306.8	27,800	44.6	315.5	23,900	245
250	32.3	285.7	30,600	38.0	300.4	26,700	42.8	310.2	22,900*	250
255	30.0	277.3	29,400	35.9	293.6	25,600	41.0	304.5	21,800*	255
260	27.4	267.9	28,300	33.8	286.3	24,600	39.0	298.4	20,700*	260
265	24.5	257.3	27,200	31.5	278.3	23,600	37.0	291.9	19,700*	265
270	21.3	245.1	26,200	29.0	269.5	22,700	35.0	284.8	18,700*	270
275	17.6	230.5	25,200	26.4	259.7	21,800	32.7	277.2	17,700*	275
280	12.8	211.2	24,200	23.4	248.6	20,900	30.4	268.8	16,800*	280
285	3.4	172.8	23,100	20.0	235.6	20,000	27.8	259.6	15,900*	285
290				16.0	219.6	19,100*	25.0	249.3	15,000*	290
295				10.4	197.2	18,100*	21.9	237.4	14,200*	295
300							18.3	223.3	13,300*	300
305							13.7	205.1	12,400*	305
310							6.2	174.7	11,500*	310

Liftcrane Luffing Jib Capacities

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

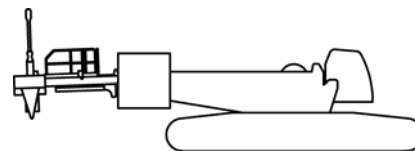
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



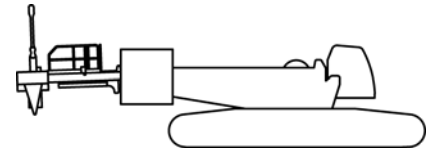
16000 MAX-ER

157.5 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	73.3	411.6	97,800*							95
100	72.1	410.0	97,300*							100
105	71.0	408.2	96,800*							105
110	69.8	406.4	96,200*							110
115	68.6	404.4	95,600*	70.5	406.6	93,800*				115
120	67.4	402.3	95,000*	69.4	404.8	93,500*				120
125	66.1	400.1	94,400*	68.1	402.8	93,100*				125
130	64.9	397.8	92,200*	66.9	400.6	92,700*				130
135	63.6	395.3	89,700*	65.7	398.4	92,200*	67.7	400.6	87,600	135
140	62.4	392.7	87,200*	64.5	396.0	87,800	66.5	398.5	83,200	140
145	61.1	390.0	84,700*	63.2	393.5	83,600	65.3	396.2	79,200	145
150	59.8	387.1	82,100*	61.9	390.8	79,700	64.0	393.7	75,400	150
155	58.5	384.0	79,600*	60.7	388.0	76,100	62.8	391.2	72,000	155
160	57.2	380.8	76,700	59.4	385.1	72,700	61.5	388.5	68,700	160
165	55.8	377.4	73,400	58.0	382.0	69,500	60.2	385.6	65,700	165
170	54.4	373.8	70,300	56.7	378.7	66,500	58.9	382.6	62,800	170
175	53.0	370.1	67,400	55.3	375.2	63,800	57.6	379.4	60,100	175
180	51.6	366.1	64,600	54.0	371.6	61,100	56.2	376.1	57,600	180
185	50.2	362.0	62,100	52.6	367.8	58,700	54.8	372.6	55,300	185
190	48.7	357.6	59,600	51.1	363.8	56,300	53.5	368.9	53,000	190
195	47.2	353.0	57,300	49.7	359.6	54,100	52.0	365.0	50,900	195
200	45.6	348.2	55,100	48.2	355.1	52,000	50.6	360.9	48,900	200
205	44.0	343.0	53,100	46.6	350.4	50,000	49.1	356.6	47,000	205
210	42.3	337.6	51,100	45.0	345.5	48,100	47.6	352.1	45,200	210
215	40.6	331.8	49,200	43.4	340.2	46,300	46.1	347.3	43,500	215
220	38.8	325.7	47,400	41.7	334.7	44,600	44.5	342.2	41,800	220
225	37.0	319.1	45,700	40.0	328.8	43,000	42.8	336.9	40,200	225
230	35.1	312.1	44,100	38.2	322.5	41,400	41.1	331.2	38,800	230
235	33.0	304.5	42,500	36.3	315.8	39,900	39.4	325.2	37,300	235
240	30.9	296.3	41,000	34.4	308.6	38,500	37.6	318.8	35,900	240
245	28.6	287.4	39,600	32.3	300.8	37,100	35.7	311.9	34,600	245
250	26.1	277.5	38,200	30.1	292.4	35,800	33.7	304.5	33,400	250
255	23.4	266.3	36,900	27.8	283.1	34,500	31.5	296.5	32,100	255
260	20.3	253.5	35,600	25.2	272.8	33,300	29.3	287.8	31,000	260
265	16.6	238.0	34,300	22.4	261.1	32,100	26.9	278.2	29,800	265
270	11.9	217.4	33,100	19.1	247.5	30,900	24.2	267.4	28,700	270
275				15.2	230.7	29,800	21.2	255.1	27,700	275
280				9.7	206.9	28,700	17.8	240.6	26,600	280
285							13.5	222.0	25,600	285
290							6.7	192.2	24,600	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



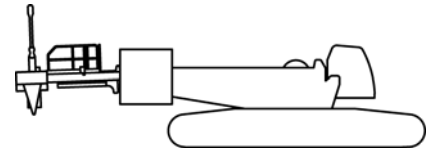
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170	62.4	387.1	56,700							170
175	61.1	384.3	54,200							175
180	59.8	381.4	51,900							180
185	58.5	378.4	49,700							185
190	57.2	375.2	47,600							190
195	55.8	371.8	45,600							195
200	54.4	368.2	43,800	58.0	372.8	38,700				200
205	53.0	364.5	42,000	56.7	369.5	37,100				205
210	51.6	360.5	40,300	55.3	366.1	35,500				210
215	50.2	356.4	38,700	53.9	362.4	34,000				215
220	48.7	352.0	37,200	52.5	358.6	32,600				220
225	47.1	347.4	35,700	51.1	354.6	31,300				225
230	45.6	342.5	34,300	49.6	350.4	30,000				230
235	44.0	337.4	33,000	48.1	345.9	28,800	51.9	351.3	24,500*	235
240	42.3	331.9	31,700	46.6	341.2	27,600	50.4	347.1	23,300*	240
245	40.6	326.2	30,500	45.0	336.2	26,500	48.9	342.8	22,100*	245
250	38.8	320.0	29,300	43.4	331.0	25,400	47.4	338.2	21,000*	250
255	37.0	313.5	28,200	41.7	325.4	24,300	45.9	333.4	19,900*	255
260	35.1	306.4	27,100	40.0	319.5	23,300	44.3	328.3	18,900*	260
265	33.0	298.9	26,100	38.2	313.2	22,400	42.6	322.9	17,900*	265
270	30.9	290.7	25,100	36.3	306.5	21,500	40.9	317.2	16,900*	270
275	28.6	281.7	24,100	34.3	299.3	20,500*	39.1	311.1	16,000*	275
280	26.1	271.8	23,200	32.2	291.5	19,500*	37.3	304.7	15,100*	280
285	23.4	260.6	22,300	30.0	283.0	18,500*	35.4	297.7	14,200*	285
290	20.3	247.8	21,400	27.7	273.7	17,600*	33.4	290.3	13,300*	290
295	16.6	232.2	20,500	25.1	263.4	16,700*	31.3	282.2	12,500*	295
300	11.9	211.7	19,600	22.3	251.7	15,800*	29.0	273.4	11,700*	300
305				19.0	238.0	14,900*	26.5	263.6	10,900*	305
310				15.0	221.0	14,000*	23.8	252.7	10,100*	310
315				9.5	196.9	13,100*	20.8	240.2	9,400*	315
320							17.3	225.2	8,600*	320
325							12.8	205.9	7,900*	325
330							5.2	172.0	7,000*	330

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
0 lb Hanging Counterweight
at 36.1 ft thru 49.2 ft Position
360 Degree Rating



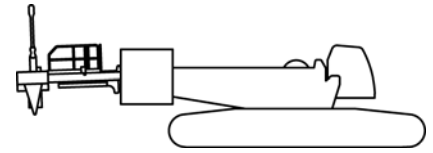
16000 MAX-ER

157.5 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100	73.5	430.6	83,300*							100
105	72.4	429.0	82,700*							105
110	71.3	427.3	82,100*							110
115	70.2	425.5	81,500*							115
120	69.1	423.6	80,900*	70.9	425.8	79,600*				120
125	67.9	421.6	80,300*	69.8	423.9	79,200*				125
130	66.8	419.5	79,700*	68.7	422.0	78,700*				130
135	65.7	417.2	79,000*	67.5	419.9	78,300*				135
140	64.5	414.8	78,400*	66.4	417.7	77,800*				140
145	63.3	412.3	77,300*	65.3	415.4	77,300*	67.1	417.8	75,000*	145
150	62.2	409.7	75,400*	64.1	413.0	76,800*	66.0	415.5	73,900	150
155	61.0	406.9	73,400*	62.9	410.5	74,600	64.9	413.2	70,400	155
160	59.8	404.0	71,400*	61.8	407.8	71,300	63.7	410.7	67,200	160
165	58.6	401.0	69,400*	60.6	405.0	68,100	62.5	408.1	64,200	165
170	57.3	397.8	67,400*	59.4	402.0	65,100	61.3	405.4	61,300	170
175	56.1	394.4	65,500*	58.1	398.9	62,300	60.1	402.5	58,700	175
180	54.8	390.9	63,300	56.9	395.7	59,700	58.9	399.5	56,100	180
185	53.5	387.2	60,700	55.6	392.3	57,300	57.7	396.4	53,800	185
190	52.2	383.4	58,300	54.4	388.7	54,900	56.5	393.1	51,500	190
195	50.9	379.3	56,000	53.1	385.0	52,700	55.2	389.6	49,400	195
200	49.5	375.1	53,800	51.7	381.0	50,600	53.9	386.0	47,400	200
205	48.1	370.6	51,800	50.4	376.9	48,600	52.6	382.2	45,500	205
210	46.7	365.9	49,800	49.0	372.6	46,800	51.3	378.2	43,700	210
215	45.2	361.0	47,900	47.6	368.1	45,000	49.9	374.0	42,000	215
220	43.7	355.8	46,100	46.2	363.3	43,300	48.5	369.6	40,400	220
225	42.2	350.3	44,400	44.7	358.3	41,600	47.1	365.0	38,800	225
230	40.6	344.5	42,800	43.2	353.0	40,100	45.7	360.1	37,300	230
235	39.0	338.4	41,300	41.6	347.4	38,600	44.2	355.0	35,900	235
240	37.3	331.9	39,800	40.0	341.5	37,200	42.7	349.6	34,600	240
245	35.5	325.0	38,400	38.4	335.3	35,800	41.1	344.0	33,200	245
250	33.6	317.6	37,000	36.6	328.6	34,500	39.5	337.9	32,000	250
255	31.7	309.6	35,700	34.8	321.5	33,200	37.8	331.6	30,800	255
260	29.6	301.0	34,400	33.0	314.0	32,000	36.0	324.8	29,600	260
265	27.4	291.6	33,200	31.0	305.8	30,800	34.2	317.5	28,500	265
270	25.0	281.1	32,000	28.8	296.9	29,700	32.3	309.7	27,400	270
275	22.3	269.4	30,900	26.6	287.1	28,600	30.2	301.3	26,400	275
280	19.3	255.9	29,700	24.1	276.3	27,600	28.0	292.1	25,400	280
285	15.8	239.5	28,700	21.3	264.0	26,600	25.7	282.0	24,400	285
290	11.1	217.7	27,600	18.2	249.7	25,600	23.1	270.7	23,500	290
295				14.3	231.9	24,600	20.3	257.8	22,600	295
300				8.9	206.4	23,600	16.9	242.4	21,700	300
305							12.7	222.7	20,800	305
310							5.8	190.0	19,800	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



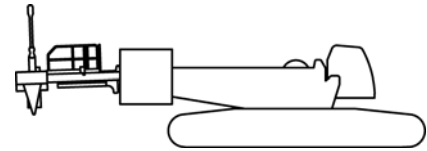
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175										175
180	62.2	404.1	50,200							180
185	61.0	401.3	48,000							185
190	59.8	398.4	46,000							190
195	58.6	395.4	44,000							195
200	57.3	392.1	42,200							200
205	56.1	388.8	40,400							205
210	54.8	385.3	38,700							210
215	53.5	381.6	37,100	56.9	386.5	32,400				215
220	52.2	377.7	35,600	55.6	383.1	31,000				220
225	50.9	373.7	34,200	54.3	379.5	29,600				225
230	49.5	369.4	32,800	53.0	375.8	28,400				230
235	48.1	365.0	31,500	51.7	371.8	27,100				235
240	46.7	360.3	30,200	50.4	367.7	26,000				240
245	45.2	355.4	29,000	49.0	363.4	24,900	52.4	368.5	19,800*	245
250	43.7	350.2	27,900	47.6	358.9	23,800	51.1	364.4	18,700*	250
255	42.2	344.7	26,700	46.1	354.1	22,700*	49.7	360.2	17,600*	255
260	40.6	338.9	25,700	44.7	349.0	21,500*	48.3	355.8	16,600*	260
265	38.9	332.8	24,600	43.2	343.8	20,500*	46.9	351.1	15,600*	265
270	37.2	326.3	23,600	41.6	338.2	19,400*	45.5	346.3	14,600*	270
275	35.5	319.4	22,700	40.0	332.3	18,400*	44.0	341.1	13,700*	275
280	33.6	311.9	21,800	38.3	326.0	17,400*	42.4	335.7	12,800*	280
285	31.6	304.0	20,900	36.6	319.4	16,500*	40.9	330.0	12,000*	285
290	29.6	295.3	20,000	34.8	312.3	15,600*	39.2	323.9	11,100*	290
295	27.4	285.9	19,100*	32.9	304.6	14,700*	37.5	317.5	10,300*	295
300	24.9	275.5	18,100*	30.9	296.4	13,800*	35.8	310.6	9,600*	300
305	22.3	263.7	17,200*	28.8	287.5	13,000*	33.9	303.3	8,800*	305
310	19.3	250.2	16,300*	26.5	277.7	12,100*	32.0	295.4	8,100*	310
315	15.7	233.8	15,400*	24.0	266.9	11,300*	29.9	286.9	7,300*	315
320	11.1	211.9	14,500*	21.2	254.6	10,600*	27.7	277.6	6,600*	320
325				18.1	240.1	9,800*	25.4	267.4	6,000*	325
330				14.2	222.2	9,000*	22.8	255.9	5,300*	330
335				8.7	196.2	8,200*				335

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



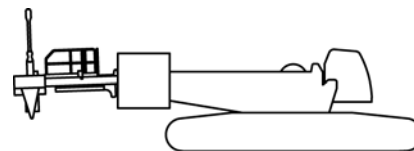
16000 MAX-ER

177.2 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
45	73.7	261.7	391,400*c							45
50	69.8	259.8	352,300*c							50
55	65.9	257.6	318,000*b							55
60	61.7	254.9	290,400*b	69.3	258.5	284,500c				60
65	57.4	251.8	266,700b	65.3	256.2	256,200b				65
70	52.9	248.1	242,400	61.2	253.5	232,800b				70
75	48.1	243.6	221,800	56.8	250.2	213,100b	64.7	254.3	204,300b	75
80	42.8	238.4	204,300	52.2	246.4	196,300	60.5	251.5	188,100b	80
85	36.9	232.0	189,100	47.3	241.9	181,700	56.1	248.1	174,200b	85
90	29.9	223.8	175,900	42.0	236.5	169,000	51.5	244.2	162,100	90
95	20.7	212.3	164,000	36.0	229.9	157,800	46.5	239.6	151,400	95
100				28.8	221.4	147,800	41.1	234.0	141,800	100
105				19.1	209.0	138,700	34.9	227.2	133,300	105
110							27.5	218.3	125,500	110
115							17.1	204.9	118,400	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



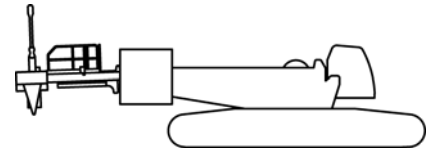
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	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	140,400b							95
100	56.3	244.6	131,600b							100
105	51.7	240.7	123,700							105
110	46.7	236.1	116,600							110
115	41.3	230.6	110,100	56.1	239.6	101,600b				115
120	35.2	223.8	104,200	51.5	235.6	96,200				120
125	27.8	215.0	98,800	46.5	231.0	91,200				125
130	17.5	201.8	93,700	41.0	225.4	86,700				130
135				34.9	218.5	82,400	50.8	228.8	75,600	135
140				27.4	209.6	78,500	45.8	224.1	72,000	140
145				16.9	196.1	74,700	40.2	218.3	68,600	145
150							33.9	211.2	65,500	150
155							26.2	201.9	62,500	155
160							14.8	187.1	59,600	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



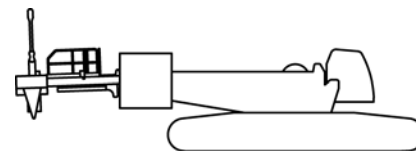
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
55	71.0	279.0	317,900*b							55
60	67.8	277.0	289,000*b							60
65	64.6	274.6	265,400*b	70.5	277.7	255,200b				65
70	61.3	271.9	241,800	67.4	275.6	231,900b				70
75	57.9	268.8	221,400	64.1	273.2	212,300b				75
80	54.3	265.2	203,900	60.8	270.4	195,500	66.9	273.7	187,100b	80
85	50.5	261.1	188,900	57.4	267.2	181,100	63.6	271.2	173,300b	85
90	46.6	256.5	175,700	53.8	263.6	168,500	60.3	268.4	161,200	90
95	42.3	251.1	164,100	50.0	259.5	157,400	56.8	265.2	150,500	95
100	37.6	244.8	153,800	46.0	254.7	147,500	53.2	261.5	141,100	100
105	32.3	237.2	144,600	41.7	249.2	138,700	49.4	257.2	132,700	105
110	26.1	227.7	136,300	36.9	242.8	130,700	45.3	252.4	125,100	110
115	17.7	214.2	128,600	31.5	235.0	123,500	41.0	246.8	118,200	115
120				25.1	225.1	116,900	36.1	240.1	111,900	120
125				16.2	210.6	110,800	30.6	232.1	106,200	125
130							23.9	221.7	100,900	130
135							14.3	205.9	95,800	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



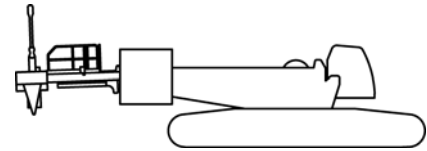
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105	60.4	264.9	122,600							105
110	56.9	261.7	115,600							110
115	53.3	258.0	109,200							115
120	49.5	253.8	103,400							120
125	45.5	248.9	98,100	56.8	256.6	90,100				125
130	41.1	243.3	93,300	53.2	252.9	85,600				130
135	36.3	236.7	88,800	49.4	248.6	81,500				135
140	30.8	228.8	84,600	45.3	243.8	77,700				140
145	24.1	218.5	80,700	40.9	238.1	74,100	52.6	246.1	67,500	145
150	14.7	203.0	77,000	36.1	231.5	70,800	48.8	241.8	64,500	150
155				30.5	223.4	67,700	44.7	236.8	61,600	155
160				23.8	213.0	64,700	40.3	231.1	59,000	160
165				14.1	197.1	61,900	35.3	224.3	56,500	165
170							29.7	215.9	54,100	170
175							22.7	205.1	51,800	175
180							12.1	187.5	49,600	180

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



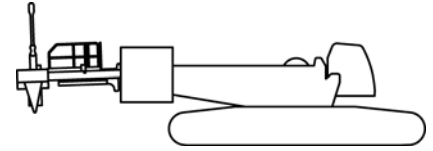
16000 MAX-ER

177.2 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	71.7	298.1	289,600*							60
65	69.1	296.2	264,700*							65
70	66.5	294.0	240,700							70
75	63.8	291.6	220,300	68.7	294.9	210,900*				75
80	61.0	288.8	202,900	66.1	292.7	194,200				80
85	58.1	285.7	187,900	63.4	290.2	179,800				85
90	55.2	282.3	174,800	60.6	287.4	167,200	65.7	290.8	159,700	90
95	52.1	278.4	163,200	57.7	284.2	156,100	62.9	288.2	149,100	95
100	48.9	274.1	153,000	54.8	280.7	146,300	60.2	285.4	139,700	100
105	45.6	269.3	143,800	51.7	276.8	137,600	57.3	282.2	131,300	105
110	42.0	263.9	135,600	48.5	272.4	129,700	54.3	278.6	123,800	110
115	38.1	257.6	128,200	45.1	267.5	122,600	51.2	274.6	116,900	115
120	33.8	250.4	121,400	41.4	262.0	116,100	47.9	270.2	110,800	120
125	29.0	241.8	115,200	37.5	255.6	110,200	44.5	265.2	105,100	125
130	23.2	231.0	109,500	33.2	248.2	104,700	40.9	259.5	99,900	130
135	15.4	215.7	104,100	28.3	239.4	99,700	36.9	253.0	95,100	135
140				22.3	228.2	95,000	32.5	245.4	90,700	140
145				13.9	211.7	90,600	27.4	236.3	86,600	145
150							21.2	224.6	82,700	150
155							12.1	206.4	79,000	155
160										160
165										165
170										170
175										175
180										180
185										185
190										190
195										195
200										200

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

177.2 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60										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	107,600							115
120	57.4	278.7	101,800							120
125	54.4	275.1	96,600							125
130	51.3	271.1	91,800							130
135	48.1	266.7	87,400	57.2	273.6	79,700				135
140	44.6	261.7	83,300	54.3	270.0	76,000				140
145	41.0	256.1	79,500	51.2	266.0	72,500				145
150	37.0	249.6	76,000	47.9	261.6	69,300				150
155	32.6	242.1	72,700	44.5	256.6	66,200				155
160	27.6	233.0	69,600	40.8	250.9	63,400	50.7	259.2	57,300	160
165	21.5	221.4	66,600	36.8	244.4	60,700	47.4	254.7	54,800	165
170	12.5	203.6	63,800	32.4	236.8	58,200	44.0	249.6	52,600	170
175				27.4	227.6	55,900	40.3	243.8	50,400	175
180				21.2	215.9	53,600	36.2	237.2	48,400	180
185				12.0	197.6	51,300	31.8	229.4	46,400	185
190							26.6	220.0	44,600	190
195							20.1	207.7	42,800	195
200							9.9	187.3	40,900	200

Liftcrane Luffing Jib Capacities

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

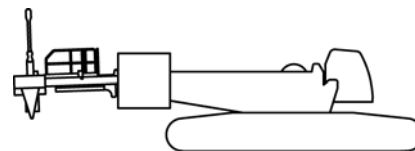
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
65	72.2	317.2	248,900*							65
70	70.0	315.4	238,800*							70
75	67.8	313.4	219,400							75
80	65.5	311.1	202,000	69.7	314.1	193,100				80
85	63.1	308.6	186,900	67.4	312.0	178,700				85
90	60.8	305.8	173,800	65.1	309.7	166,100				90
95	58.3	302.7	162,300	62.8	307.1	155,100	67.1	310.1	147,800	95
100	55.8	299.3	152,100	60.4	304.3	145,300	64.8	307.8	138,500	100
105	53.2	295.6	143,000	58.0	301.2	136,600	62.4	305.2	130,100	105
110	50.5	291.6	134,800	55.5	297.8	128,700	60.1	302.3	122,600	110
115	47.8	287.1	127,400	52.9	294.0	121,600	57.6	299.2	115,800	115
120	44.8	282.1	120,700	50.2	289.9	115,200	55.1	295.7	109,700	120
125	41.7	276.6	114,500	47.4	285.4	109,300	52.5	291.9	104,100	125
130	38.4	270.4	108,900	44.4	280.3	103,900	49.7	287.7	98,900	130
135	34.9	263.4	103,700	41.3	274.7	99,000	46.9	283.1	94,200	135
140	30.9	255.4	98,900	37.9	268.4	94,400	43.9	278.0	89,800	140
145	26.4	245.8	94,500	34.3	261.3	90,100	40.8	272.3	85,700	145
150	21.0	233.8	90,300	30.3	253.1	86,200	37.4	265.9	82,000	150
155	13.6	216.6	86,300	25.7	243.2	82,400	33.7	258.6	78,400	155
160				20.1	230.8	78,900	29.7	250.1	75,100	160
165				12.1	212.2	75,600	24.9	240.0	72,000	165
170							19.1	226.9	69,100	170
175							10.3	206.3	66,200	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

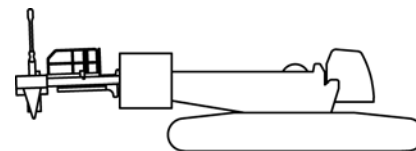
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



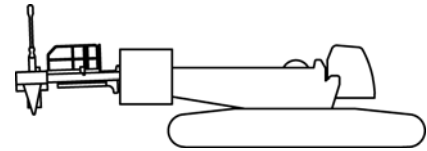
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120	62.5	301.6	100,500							120
125	60.1	298.8	95,300							125
130	57.7	295.6	90,600							130
135	55.1	292.2	86,200							135
140	52.5	288.4	82,100							140
145	49.8	284.2	78,400	57.6	290.6	71,200				145
150	47.0	279.6	74,900	55.0	287.1	68,000				150
155	44.0	274.5	71,700	52.4	283.3	65,000				155
160	40.9	268.8	68,600	49.7	279.1	62,200				160
165	37.5	262.5	65,800	46.9	274.5	59,600				165
170	33.9	255.2	63,100	43.9	269.3	57,100	52.1	276.5	51,200	170
175	29.8	246.8	60,600	40.7	263.6	54,800	49.3	272.3	49,100	175
180	25.1	236.7	58,200	37.4	257.2	52,600	46.5	267.6	47,100	180
185	19.3	223.8	55,900	33.7	249.9	50,500	43.5	262.4	45,200	185
190	10.7	203.7	53,600	29.6	241.5	48,600	40.3	256.6	43,400	190
195				24.9	231.3	46,700	36.9	250.1	41,700	195
200				19.1	218.2	44,900	33.2	242.6	40,100	200
205				10.2	197.4	43,000	29.0	234.0	38,600	205
210							24.2	223.5	37,100	210
215							18.1	209.8	35,600	215
220							8.1	186.3	34,100	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



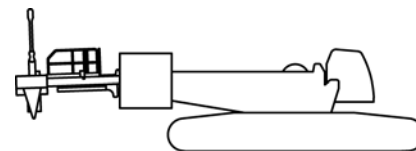
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
70	72.6	336.3	213,200*							70
75	70.7	334.6	205,700*							75
80	68.7	332.6	197,700*							80
85	66.7	330.5	185,700	70.4	333.2	177,200				85
90	64.7	328.1	172,600	68.4	331.3	164,700				90
95	62.7	325.5	161,100	66.5	329.1	153,700				95
100	60.6	322.7	150,900	64.4	326.7	143,900				100
105	58.5	319.7	141,800	62.4	324.1	135,200	66.2	327.2	128,600	105
110	56.3	316.4	133,700	60.3	321.3	127,400	64.1	324.8	121,100	110
115	54.0	312.8	126,300	58.2	318.2	120,300	62.1	322.1	114,300	115
120	51.7	308.9	119,600	56.0	314.8	113,900	60.0	319.3	108,200	120
125	49.3	304.6	113,500	53.7	311.2	108,000	57.8	316.1	102,600	125
130	46.9	300.0	107,800	51.4	307.2	102,700	55.6	312.7	97,500	130
135	44.3	294.9	102,700	49.0	302.9	97,700	53.4	309.0	92,800	135
140	41.6	289.3	97,900	46.5	298.2	93,200	51.0	305.0	88,400	140
145	38.7	283.2	93,500	43.9	293.1	89,000	48.6	300.7	84,400	145
150	35.6	276.4	89,400	41.2	287.5	85,000	46.1	295.9	80,600	150
155	32.3	268.7	85,600	38.3	281.2	81,400	43.5	290.7	77,200	155
160	28.6	259.8	82,000	35.1	274.3	78,000	40.7	285.0	73,900	160
165	24.3	249.3	78,600	31.8	266.4	74,800	37.8	278.7	70,900	165
170	19.2	236.2	75,500	28.0	257.4	71,800	34.6	271.6	68,000	170
175	12.0	217.1	72,400	23.7	246.6	68,900	31.2	263.6	65,300	175
180				18.4	233.0	66,200	27.4	254.3	62,700	180
185				10.6	212.2	63,500	22.9	243.2	60,300	185
190							17.4	228.9	57,900	190
195							8.8	205.7	55,600	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

177.2 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70										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	88,900							130
135	60.0	315.7	84,500							135
140	57.9	312.6	80,500							140
145	55.7	309.2	76,800							145
150	53.4	305.5	73,400							150
155	51.1	301.5	70,100	57.8	307.5	63,200				155
160	48.7	297.2	67,100	55.6	304.1	60,500				160
165	46.2	292.5	64,300	53.3	300.5	57,900				165
170	43.6	287.3	61,700	51.0	296.4	55,500				170
175	40.8	281.6	59,200	48.6	292.1	53,200				175
180	37.9	275.3	56,900	46.1	287.3	51,000				180
185	34.7	268.2	54,600	43.5	282.1	49,000	50.7	289.6	43,500	185
190	31.3	260.2	52,500	40.7	276.4	47,100	48.3	285.2	41,700	190
195	27.5	251.0	50,500	37.8	270.0	45,300	45.7	280.4	40,100	195
200	23.1	240.0	48,600	34.6	263.0	43,500	43.1	275.1	38,500	200
205	17.6	225.8	46,800	31.2	254.9	41,900	40.3	269.3	37,000	205
210	9.2	203.2	44,900	27.3	245.7	40,300	37.3	262.9	35,500	210
215				22.9	234.5	38,800	34.1	255.7	34,200	215
220				17.4	220.1	37,300	30.7	247.5	32,900	220
225				8.6	196.7	35,700	26.8	238.0	31,600	225
230							22.2	226.6	30,400	230
235							16.4	211.5	29,100	235
240							6.4	184.5	27,900	240

Liftcrane Luffing Jib Capacities

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

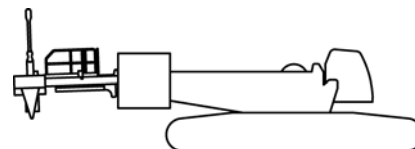
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



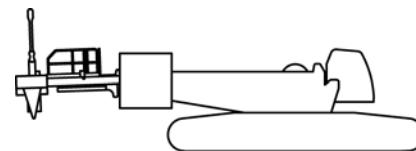
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
75	72.9	355.4	183,600*							75
80	71.2	353.7	178,100*							80
85	69.5	351.8	172,100*							85
90	67.7	349.8	165,900*	71.0	352.4	163,500				90
95	66.0	347.5	159,300*	69.2	350.5	152,500				95
100	64.2	345.1	149,900	67.5	348.4	142,700				100
105	62.3	342.5	140,800	65.7	346.2	134,000				105
110	60.5	339.7	132,600	63.9	343.7	126,200	67.2	346.5	119,800	110
115	58.6	336.6	125,200	62.1	341.1	119,200	65.4	344.3	113,100	115
120	56.7	333.4	118,500	60.2	338.2	112,700	63.6	341.8	106,900	120
125	54.7	329.9	112,400	58.3	335.1	106,900	61.8	339.1	101,400	125
130	52.6	326.1	106,800	56.4	331.8	101,600	59.9	336.2	96,300	130
135	50.6	322.0	101,700	54.4	328.3	96,600	58.0	333.1	91,600	135
140	48.4	317.6	97,000	52.4	324.5	92,100	56.1	329.8	87,200	140
145	46.2	312.8	92,600	50.3	320.3	87,900	54.1	326.2	83,200	145
150	43.9	307.7	88,500	48.1	315.9	84,000	52.0	322.3	79,500	150
155	41.4	302.1	84,700	45.9	311.1	80,400	49.9	318.1	76,000	155
160	38.9	296.0	81,200	43.5	305.9	77,000	47.8	313.6	72,800	160
165	36.2	289.3	77,800	41.1	300.2	73,800	45.5	308.7	69,800	165
170	33.3	281.8	74,700	38.5	294.0	70,800	43.1	303.5	66,900	170
175	30.1	273.4	71,800	35.8	287.2	68,000	40.7	297.7	64,300	175
180	26.6	263.9	69,000	32.8	279.6	65,400	38.1	291.5	61,700	180
185	22.6	252.5	66,300	29.6	271.1	62,900	35.3	284.6	59,400	185
190	17.7	238.2	63,800	26.1	261.3	60,500	32.4	276.9	57,100	190
195	10.7	217.2	61,400	22.0	249.6	58,200	29.1	268.2	55,000	195
200				16.9	234.8	56,000	25.5	258.1	52,900	200
205				9.3	211.8	53,900	21.3	246.1	50,900	205
210							16.0	230.5	49,100	210
215							7.4	204.4	47,100	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140	61.8	335.6	79,200							140
145	60.0	332.7	75,500							145
150	58.1	329.6	72,000							150
155	56.1	326.3	68,800							155
160	54.1	322.7	65,900							160
165	52.1	318.8	63,100							165
170	50.0	314.6	60,500	56.1	321.2	54,100				170
175	47.8	310.1	58,000	54.1	317.6	51,800				175
180	45.6	305.3	55,700	52.0	313.7	49,700				180
185	43.2	300.0	53,500	49.9	309.5	47,700				185
190	40.8	294.3	51,400	47.7	305.0	45,800				190
195	38.2	288.1	49,500	45.5	300.1	44,000	51.7	306.9	38,700	195
200	35.4	281.2	47,600	43.1	294.9	42,300	49.6	302.7	37,100	200
205	32.5	273.5	45,800	40.7	289.1	40,700	47.4	298.1	35,600	205
210	29.2	264.8	44,100	38.1	282.8	39,100	45.2	293.2	34,200	210
215	25.6	254.9	42,500	35.3	275.9	37,600	42.8	287.9	32,900	215
220	21.4	242.9	40,900	32.3	268.2	36,200	40.3	282.1	31,600	220
225	16.2	227.5	39,400	29.1	259.5	34,900	37.7	275.7	30,400	225
230	7.8	202.1	37,800	25.5	249.4	33,600	34.9	268.7	29,200	230
235				21.2	237.4	32,300	31.9	260.9	28,100	235
240				15.9	221.7	31,100	28.6	252.0	27,000	240
245				7.2	195.4	29,800	24.9	241.7	25,900	245
250							20.6	229.3	24,900	250
255							15.0	212.9	23,900	255
260							4.7	181.4	22,700	260

Liftcrane Luffing Jib Capacities

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

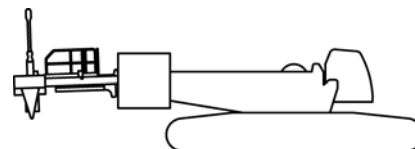
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



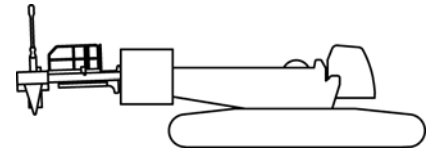
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
80	73.1	374.5	155,900*							80
85	71.6	372.8	154,400*							85
90	70.1	371.0	150,000*							90
95	68.5	369.0	145,200*							95
100	66.9	366.9	140,400*	69.8	369.7	141,300				100
105	65.3	364.6	135,300*	68.3	367.7	132,600				105
110	63.7	362.1	130,100*	66.7	365.5	124,800				110
115	62.0	359.5	124,000	65.1	363.2	117,700				115
120	60.4	356.6	117,300	63.5	360.7	111,300	66.4	363.6	105,400	120
125	58.7	353.6	111,200	61.8	358.0	105,500	64.8	361.3	99,800	125
130	56.9	350.4	105,600	60.1	355.2	100,200	63.2	358.8	94,700	130
135	55.2	346.9	100,500	58.4	352.1	95,300	61.6	356.1	90,100	135
140	53.4	343.2	95,800	56.7	348.9	90,700	59.9	353.2	85,700	140
145	51.5	339.3	91,400	54.9	345.4	86,600	58.2	350.1	81,800	145
150	49.6	335.0	87,300	53.1	341.6	82,700	56.4	346.8	78,000	150
155	47.6	330.5	83,500	51.2	337.6	79,100	54.6	343.2	74,600	155
160	45.6	325.7	80,000	49.3	333.4	75,700	52.8	339.5	71,400	160
165	43.5	320.5	76,700	47.4	328.8	72,500	50.9	335.5	68,400	165
170	41.3	314.8	73,600	45.3	323.9	69,600	49.0	331.1	65,500	170
175	39.0	308.7	70,700	43.2	318.6	66,800	47.0	326.5	62,900	175
180	36.6	302.1	67,900	41.0	313.0	64,200	45.0	321.6	60,400	180
185	34.0	294.9	65,300	38.7	306.8	61,700	42.9	316.2	58,000	185
190	31.3	286.8	62,900	36.3	300.1	59,300	40.7	310.5	55,800	190
195	28.3	277.8	60,500	33.7	292.7	57,100	38.3	304.3	53,700	195
200	25.0	267.5	58,300	30.9	284.6	55,000	35.9	297.5	51,700	200
205	21.1	255.3	56,200	27.8	275.4	53,000	33.3	290.0	49,800	205
210	16.4	239.9	54,100	24.5	264.9	51,100	30.4	281.7	47,900	210
215	9.5	216.9	52,100	20.5	252.4	49,200	27.4	272.4	46,200	215
220				15.6	236.3	47,400	23.9	261.6	44,500	220
225				8.1	210.9	45,600	19.9	248.6	42,900	225
230							14.7	231.8	41,300	230
235							6.0	202.3	39,700	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150	61.6	352.5	70,400							150
155	59.9	349.6	67,200							155
160	58.2	346.6	64,200							160
165	56.5	343.3	61,500							165
170	54.7	339.7	58,900							170
175	52.9	336.0	56,400							175
180	51.0	332.0	54,100	56.4	338.2	48,000				180
185	49.1	327.7	52,000	54.6	334.6	46,000				185
190	47.1	323.0	49,900	52.8	330.9	44,100				190
195	45.1	318.1	48,000	50.9	326.9	42,300				195
200	42.9	312.8	46,100	49.0	322.5	40,700				200
205	40.7	307.1	44,400	47.0	317.9	39,100	52.5	324.1	33,900	205
210	38.4	300.8	42,700	45.0	313.0	37,500	50.7	320.0	32,500	210
215	36.0	294.1	41,100	42.8	307.6	36,100	48.7	315.7	31,200	215
220	33.3	286.6	39,600	40.6	301.9	34,700	46.7	311.0	29,900	220
225	30.5	278.4	38,100	38.3	295.6	33,400	44.7	306.0	28,700	225
230	27.5	269.0	36,700	35.8	288.8	32,100	42.5	300.6	27,600	230
235	24.0	258.3	35,400	33.2	281.4	30,900	40.3	294.8	26,500	235
240	20.0	245.5	34,100	30.4	273.0	29,700	38.0	288.5	25,400	240
245	14.9	228.8	32,800	27.3	263.7	28,600	35.5	281.6	24,400	245
250	6.5	200.4	31,500	23.9	252.9	27,500	32.8	274.0	23,400	250
255				19.8	239.9	26,400	30.0	265.6	22,400	255
260				14.7	223.0	25,400	26.9	256.1	21,500*	260
265				5.9	193.2	24,300	23.3	245.0	20,400*	265
270							19.2	231.6	19,400*	270
275							13.8	213.9	18,400*	275
280							2.4	175.2	17,200*	280

Liftcrane Luffing Jib Capacities

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

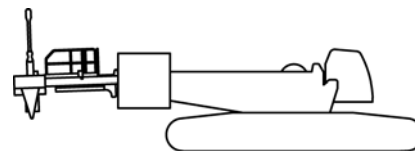
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



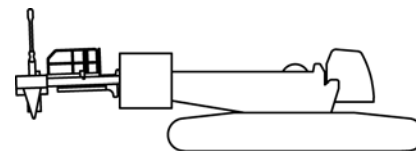
16000 MAX-ER

177.2 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
85	73.3	393.5	131,200*							85
90	71.9	391.9	130,800*							90
95	70.5	390.1	130,400*							95
100	69.1	388.2	127,000*							100
105	67.7	386.2	123,400*	70.3	388.8	126,700*				105
110	66.3	384.0	119,500*	68.9	386.9	123,300				110
115	64.8	381.6	115,600*	67.5	384.8	116,200				115
120	63.3	379.1	111,700*	66.1	382.6	109,900				120
125	61.8	376.4	107,600*	64.6	380.2	104,000	67.3	382.9	98,300	125
130	60.3	373.6	103,600*	63.1	377.7	98,700	65.8	380.7	93,200	130
135	58.7	370.6	99,100	61.6	375.0	93,800	64.4	378.3	88,500	135
140	57.2	367.4	94,400	60.1	372.1	89,300	62.9	375.7	84,200	140
145	55.6	364.0	90,000	58.5	369.1	85,100	61.4	373.0	80,200	145
150	53.9	360.3	85,900	57.0	365.8	81,200	59.8	370.1	76,500	150
155	52.3	356.5	82,200	55.3	362.4	77,600	58.3	367.1	73,100	155
160	50.6	352.4	78,600	53.7	358.7	74,200	56.7	363.8	69,800	160
165	48.8	348.0	75,300	52.0	354.9	71,100	55.1	360.3	66,800	165
170	47.0	343.4	72,200	50.3	350.7	68,100	53.5	356.6	64,000	170
175	45.1	338.5	69,300	48.6	346.4	65,400	51.8	352.7	61,400	175
180	43.2	333.2	66,600	46.7	341.7	62,700	50.0	348.5	58,900	180
185	41.2	327.6	64,000	44.9	336.7	60,300	48.3	344.1	56,500	185
190	39.2	321.5	61,600	42.9	331.4	57,900	46.5	339.4	54,300	190
195	37.0	315.0	59,300	40.9	325.7	55,700	44.6	334.4	52,200	195
200	34.7	307.9	57,100	38.8	319.6	53,700	42.6	329.0	50,200	200
205	32.2	300.1	55,000	36.7	312.9	51,700	40.6	323.2	48,300	205
210	29.6	291.5	53,000	34.3	305.7	49,800	38.5	317.0	46,500	210
215	26.7	281.9	51,100	31.9	297.9	48,000	36.3	310.3	44,800	215
220	23.5	270.9	49,300	29.2	289.2	46,200	34.0	303.0	43,200	220
225	19.8	257.9	47,500	26.3	279.4	44,600	31.5	295.1	41,600	225
230	15.3	241.4	45,800	23.1	268.1	43,000	28.8	286.2	40,100	230
235	8.5	216.1	44,100	19.3	254.8	41,500	25.8	276.2	38,700	235
240				14.5	237.6	40,000	22.5	264.7	37,300	240
245				6.9	209.4	38,500	18.6	250.9	35,900	245
250							13.6	232.8	34,600	250
255							4.6	199.2	33,200	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

177.2 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155	62.9	372.2	65,500							155
160	61.4	369.5	62,600							160
165	59.9	366.6	59,800							165
170	58.3	363.5	57,200							170
175	56.8	360.3	54,800							175
180	55.1	356.8	52,500							180
185	53.5	353.1	50,400							185
190	51.8	349.2	48,300	56.7	355.2	42,400				190
195	50.1	345.0	46,400	55.1	351.7	40,700				195
200	48.3	340.6	44,600	53.4	348.0	39,000				200
205	46.5	335.9	42,800	51.8	344.1	37,400				205
210	44.6	330.9	41,200	50.0	339.9	35,900				210
215	42.7	325.5	39,600	48.3	335.5	34,500				215
220	40.7	319.8	38,100	46.4	330.8	33,100	51.5	337.3	28,200	220
225	38.6	313.6	36,700	44.6	325.8	31,800	49.8	333.1	27,000	225
230	36.4	306.9	35,300	42.6	320.4	30,500	48.0	328.7	25,900	230
235	34.0	299.7	34,000	40.6	314.6	29,300	46.2	323.9	24,800	235
240	31.6	291.7	32,700	38.5	308.4	28,200	44.3	318.8	23,600*	240
245	28.9	282.9	31,500	36.3	301.7	27,100	42.3	313.4	22,500*	245
250	25.9	272.9	30,300	33.9	294.4	26,000	40.3	307.6	21,400*	250
255	22.6	261.5	29,200	31.4	286.4	25,000	38.2	301.3	20,400*	255
260	18.8	247.7	28,100	28.8	277.5	24,000	36.0	294.5	19,300*	260
265	13.8	229.9	27,000	25.8	267.5	23,000	33.6	287.1	18,400*	265
270	5.2	197.7	25,800	22.5	256.0	22,100	31.1	279.0	17,400*	270
275				18.6	242.2	21,200	28.4	270.0	16,500*	275
280				13.6	224.0	20,300	25.4	259.8	15,600*	280
285				4.4	189.9	19,200*	22.0	248.1	14,700*	285
290							18.0	233.7	13,800*	290
295							12.7	214.6	13,000*	295

Liftcrane Luffing Jib Capacities

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

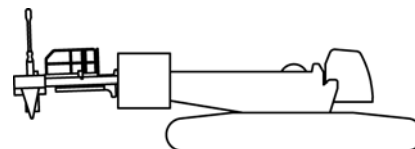
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



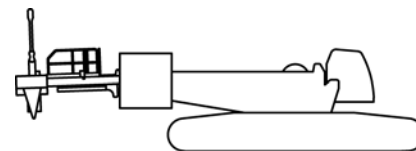
16000 MAX-ER

177.2 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90	73.5	412.6	111,500*							90
95	72.2	411.0	111,100*							95
100	70.9	409.2	110,600*							100
105	69.7	407.4	110,100*							105
110	68.4	405.4	108,200*	70.8	407.9	107,500*				110
115	67.0	403.3	105,300*	69.5	406.1	107,300*				115
120	65.7	401.0	102,300*	68.2	404.1	107,000*				120
125	64.4	398.6	99,200*	66.8	401.9	102,600				125
130	63.0	396.1	96,100*	65.5	399.7	97,300	68.0	402.2	91,700	130
135	61.6	393.4	93,000*	64.2	397.2	92,400	66.6	400.0	87,000	135
140	60.2	390.5	89,800*	62.8	394.7	87,900	65.3	397.8	82,700	140
145	58.8	387.5	86,700*	61.4	392.0	83,700	64.0	395.3	78,700	145
150	57.4	384.3	83,600*	60.0	389.1	79,900	62.6	392.7	75,000	150
155	55.9	381.0	80,600*	58.6	386.0	76,300	61.2	390.0	71,600	155
160	54.4	377.4	77,400	57.2	382.8	72,900	59.8	387.1	68,400	160
165	52.9	373.6	74,100	55.7	379.4	69,800	58.4	384.0	65,400	165
170	51.4	369.7	71,000	54.2	375.8	66,800	56.9	380.8	62,600	170
175	49.8	365.5	68,100	52.7	372.0	64,100	55.5	377.4	60,000	175
180	48.1	361.0	65,400	51.1	368.0	61,500	54.0	373.7	57,500	180
185	46.5	356.3	62,800	49.5	363.8	59,000	52.4	369.9	55,200	185
190	44.8	351.3	60,400	47.9	359.3	56,700	50.9	365.9	53,000	190
195	43.0	346.0	58,100	46.2	354.6	54,500	49.3	361.6	50,900	195
200	41.2	340.3	55,900	44.5	349.5	52,400	47.7	357.1	48,900	200
205	39.3	334.3	53,900	42.7	344.1	50,400	46.0	352.3	47,000	205
210	37.3	327.8	51,900	40.9	338.4	48,600	44.2	347.2	45,200	210
215	35.2	320.8	50,000	39.0	332.3	46,800	42.5	341.8	43,500	215
220	33.0	313.2	48,200	37.0	325.8	45,100	40.6	336.0	41,900	220
225	30.6	305.0	46,500	34.9	318.7	43,400	38.7	329.8	40,400	225
230	28.1	295.9	44,900	32.7	311.1	41,900	36.7	323.2	38,900	230
235	25.4	285.7	43,300	30.3	302.7	40,400	34.5	316.0	37,500	235
240	22.3	274.0	41,800	27.7	293.4	38,900	32.3	308.3	36,100	240
245	18.7	260.2	40,300	25.0	283.1	37,600	29.9	299.8	34,800	245
250	14.3	242.6	38,900	21.8	271.1	36,200	27.3	290.4	33,500	250
255	7.5	214.9	37,400*	18.2	256.9	34,900	24.5	279.8	32,300	255
260				13.5	238.5	33,700	21.3	267.6	31,100	260
265				5.8	207.2	32,400	17.5	252.9	30,000	265
270							12.7	233.5	28,800	270
275							3.0	194.0	27,600	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



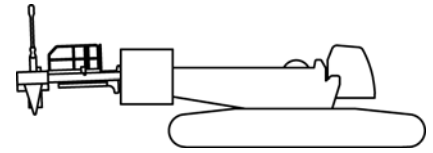
16000 MAX-ER

177.2 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165	62.6	389.2	58,200							165
170	61.3	386.5	55,700							170
175	59.9	383.6	53,200							175
180	58.4	380.5	51,000							180
185	57.0	377.3	48,800							185
190	55.5	373.8	46,800							190
195	54.0	370.2	44,900							195
200	52.5	366.4	43,100	56.9	372.2	37,300				200
205	50.9	362.4	41,300	55.5	368.7	35,800				205
210	49.3	358.1	39,700	54.0	365.1	34,300				210
215	47.7	353.6	38,100	52.4	361.3	32,900				215
220	46.0	348.8	36,700	50.9	357.3	31,500				220
225	44.3	343.7	35,200	49.3	353.0	30,200				225
230	42.5	338.3	33,900	47.6	348.5	29,000	52.2	354.5	23,700*	230
235	40.7	332.5	32,600	46.0	343.6	27,800	50.6	350.5	22,500*	235
240	38.7	326.4	31,300	44.2	338.5	26,700	49.0	346.2	21,400*	240
245	36.7	319.8	30,100	42.4	333.1	25,600	47.4	341.6	20,300*	245
250	34.6	312.6	29,000	40.6	327.4	24,500	45.7	336.7	19,200*	250
255	32.4	304.9	27,900	38.7	321.2	23,500	44.0	331.6	18,200*	255
260	30.0	296.5	26,800	36.6	314.5	22,600	42.2	326.1	17,200*	260
265	27.4	287.1	25,800	34.5	307.4	21,600*	40.3	320.3	16,300*	265
270	24.6	276.5	24,800	32.3	299.6	20,600*	38.4	314.1	15,300*	270
275	21.4	264.4	23,800	29.9	291.1	19,600*	36.4	307.4	14,400*	275
280	17.7	249.8	22,900	27.3	281.7	18,600*	34.2	300.1	13,600*	280
285	12.9	230.6	21,900	24.5	271.1	17,700*	32.0	292.3	12,800*	285
290	3.8	193.7	20,900	21.3	258.9	16,700*	29.5	283.7	11,900*	290
295				17.5	244.2	15,800*	26.9	274.1	11,100*	295
300				12.6	224.7	14,900*	24.0	263.3	10,400*	300
305				2.7	184.1	13,800*	20.8	250.8	9,600*	305
310							16.9	235.6	8,800*	310
315							11.8	215.1	8,100*	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



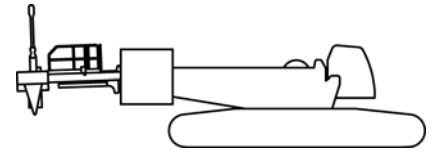
16000 MAX-ER

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.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170										170
175	62.4	406.2	51,900							175
180	61.1	403.4	49,600							180
185	59.8	400.5	47,500							185
190	58.5	397.5	45,400							190
195	57.2	394.2	43,500							195
200	55.8	390.9	41,700							200
205	54.5	387.3	40,000							205
210	53.1	383.6	38,400	57.1	389.2	32,900				210
215	51.6	379.6	36,800	55.8	385.8	31,500				215
220	50.2	375.5	35,400	54.4	382.2	30,100				220
225	48.7	371.1	33,900	53.0	378.5	28,800				225
230	47.2	366.5	32,600	51.6	374.5	27,600				230
235	45.6	361.6	31,300	50.1	370.4	26,400				235
240	44.0	356.5	30,100	48.6	366.0	25,300	52.8	371.7	19,400*	240
245	42.3	351.1	28,900	47.1	361.4	24,200	51.4	367.7	18,300*	245
250	40.6	345.3	27,800	45.5	356.5	23,100*	49.9	363.5	17,300*	250
255	38.9	339.2	26,700	43.9	351.3	22,000*	48.4	359.1	16,300*	255
260	37.0	332.6	25,600	42.3	345.9	20,900*	46.9	354.5	15,300*	260
265	35.1	325.6	24,600	40.6	340.1	19,800*	45.3	349.6	14,400*	265
270	33.1	318.0	23,600	38.8	334.0	18,800*	43.7	344.4	13,500*	270
275	30.9	309.9	22,700	36.9	327.4	17,800*	42.0	338.9	12,600*	275
280	28.6	300.9	21,800	35.0	320.4	16,900*	40.3	333.1	11,800*	280
285	26.1	291.0	20,900	33.0	312.8	16,000*	38.5	326.9	11,000*	285
290	23.4	279.9	20,000	30.8	304.6	15,100*	36.7	320.2	10,200*	290
295	20.3	267.0	19,200*	28.5	295.6	14,200*	34.7	313.1	9,400*	295
300	16.7	251.6	18,200*	26.0	285.6	13,400*	32.7	305.5	8,700*	300
305	12.0	231.2	17,200*	23.3	274.4	12,600*	30.5	297.1	7,900*	305
310	1.7	185.5	16,100*	20.2	261.5	11,800*	28.2	288.0	7,200*	310
315				16.5	245.9	11,000*	25.7	277.9	6,500*	315
320				11.7	225.2	10,100*	22.9	266.5	5,800*	320
325							19.7	253.3	5,200*	325

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 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			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
100				100
105				105
110				110
115				115
120				120
125				125
130				130
135				135
140				140
145				145
150				150
155				155
160				160
165				165
170				170
175				175
180				180
185	62.2	423.1	45,800	185
190	61.0	420.4	43,800	190
195	59.8	417.5	41,900	195
200	58.6	414.4	40,100	200
205	57.3	411.2	38,400	205
210	56.1	407.9	36,800	210
215	54.8	404.4	35,200	215
220	53.5	400.7	33,800	220
225	52.2	396.8	32,400	225
230	50.9	392.8	31,000	230
235	49.5	388.5	29,700	235
240	48.1	384.1	28,500	240
245	46.7	379.4	27,400	245
250	45.2	374.5	26,200	250
255	43.7	369.3	25,100	255
260	42.2	363.8	24,100	260
265	40.6	358.0	23,100	265
270	39.0	351.9	22,100	270
275	37.3	345.4	21,200*	275
280	35.5	338.5	20,200*	280
285	33.6	331.1	19,200*	285
290	31.7	323.1	18,200*	290
295	29.6	314.5	17,300*	295
300	27.4	305.1	16,300*	300
305	25.0	294.7	15,400*	305
310	22.4	283.0	14,600*	310
315	19.4	269.5	13,700*	315
320	15.8	253.2	12,900*	320
325	11.2	231.4	12,000*	325

Liftcrane Luffing Jib Capacities

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

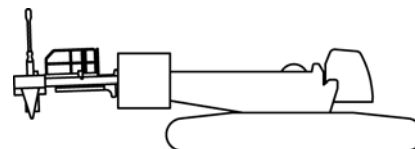
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



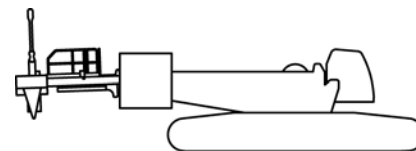
16000 MAX-ER

196.9 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	70.9	280.0	339,600*c							50
55	67.0	277.9	307,600*b							55
60	62.9	275.4	281,800*b							60
65	58.6	272.3	260,700*b	67.2	276.9	253,700*c				65
70	54.2	268.8	241,600*b	63.2	274.4	230,600*b				70
75	49.4	264.6	221,200	58.9	271.4	211,100*b	67.4	275.3	200,900*c	75
80	44.3	259.6	203,700	54.5	267.9	194,400*b	63.4	272.8	185,100*b	80
85	38.6	253.5	188,600	49.7	263.7	180,000	59.1	269.9	171,400*b	85
90	31.9	245.9	175,300	44.6	258.8	167,500	54.7	266.4	159,400*b	90
95	23.6	235.6	163,600	39.0	252.8	156,400	50.0	262.2	148,900	95
100	8.9	216.1	152,800	32.4	245.3	146,500	44.9	257.3	139,500	100
105				24.2	235.2	137,600	39.3	251.4	131,100	105
110				10.7	217.3	129,300	32.8	244.0	123,500	110
115							24.7	234.2	116,600	115
120							11.8	217.1	110,100	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



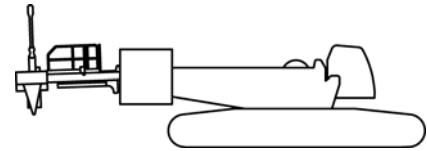
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	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	127,700b							100
105	56.4	263.7	120,000b							105
110	51.8	259.8	113,100							110
115	46.8	255.2	106,900							115
120	41.4	249.7	101,200	57.6	259.3	91,800b				120
125	35.3	243.0	95,900	53.1	255.6	87,100b				125
130	27.9	234.2	91,100	48.3	251.2	82,700				130
135	17.8	221.2	86,500	43.0	246.0	78,700				135
140				37.1	239.6	74,900				140
145				30.2	231.5	71,400	49.1	245.1	64,200	145
150				21.2	220.2	68,100	44.0	240.1	61,300	150
155							38.2	234.0	58,600	155
160							31.5	226.3	56,000	160
165							23.1	215.7	53,500	165
170							7.0	194.4	50,800	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



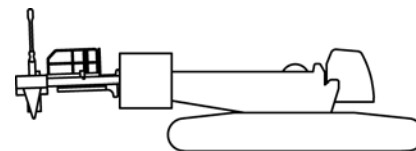
16000 MAX-ER

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.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	71.8	299.1	302,800*c							55
60	68.7	297.2	278,100*b							60
65	65.5	294.9	256,300*b							65
70	62.2	292.3	237,900*b	68.9	296.2	229,600b				70
75	58.8	289.3	220,600	65.7	293.9	210,200b				75
80	55.3	285.9	203,200	62.4	291.3	193,600b				80
85	51.6	282.0	188,200	59.0	288.4	179,300	65.9	292.4	170,300b	85
90	47.7	277.5	175,100	55.5	285.0	166,800	62.6	289.8	158,400b	90
95	43.5	272.3	163,600	51.8	281.1	155,800	59.2	286.8	148,000	95
100	38.9	266.3	153,300	47.9	276.6	146,000	55.7	283.4	138,700	100
105	33.9	259.1	144,100	43.8	271.5	137,300	52.0	279.6	130,400	105
110	27.9	250.2	135,900	39.2	265.5	129,400	48.1	275.2	122,900	110
115	20.3	238.2	128,300	34.2	258.5	122,300	44.0	270.1	116,200	115
120	5.8	213.8	121,100	28.3	249.7	115,800	39.5	264.2	110,000	120
125				20.9	238.0	109,800	34.5	257.2	104,400	125
130				7.8	216.1	104,000	28.7	248.5	99,200	130
135							21.3	237.0	94,300	135
140							9.0	216.5	89,600	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

196.9 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55										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	112,000							110
115	57.0	280.7	105,800							115
120	53.4	277.1	100,200							120
125	49.6	272.9	95,100							125
130	45.5	268.0	90,300							130
135	41.2	262.5	86,000	54.4	272.7	77,500				135
140	36.4	255.9	82,000	50.7	268.7	73,900				140
145	30.9	247.9	78,200	46.7	264.0	70,500				145
150	24.3	237.7	74,700	42.5	258.7	67,400				150
155	14.9	222.4	71,300	37.8	252.4	64,400	51.4	262.6	57,400	155
160				32.6	244.9	61,600	47.5	258.0	54,900	160
165				26.3	235.5	59,000	43.3	252.8	52,600	165
170				18.1	222.3	56,400	38.7	246.8	50,400	170
175							33.5	239.5	48,300	175
180							27.5	230.5	46,300	180
185							19.8	218.2	44,300	185

Liftcrane Luffing Jib Capacities

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

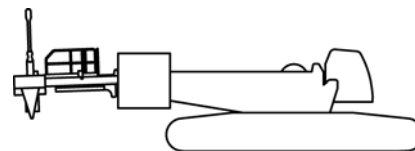
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



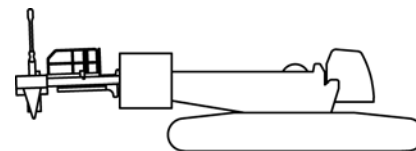
16000 MAX-ER

196.9 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	72.4	318.2	258,000*b							60
65	69.8	316.4	246,900*b							65
70	67.2	314.3	234,900*b							70
75	64.5	311.9	219,400*	70.0	315.4	208,700b				75
80	61.8	309.3	202,200	67.4	313.3	192,200b				80
85	58.9	306.3	187,200	64.7	310.9	177,900				85
90	56.0	302.9	174,100	61.9	308.3	165,500	67.5	311.7	156,800b	90
95	53.0	299.2	162,600	59.1	305.3	154,500	64.8	309.4	146,400	95
100	49.8	295.0	152,400	56.2	302.0	144,800	62.1	306.7	137,200	100
105	46.5	290.3	143,300	53.2	298.3	136,100	59.3	303.8	128,900	105
110	43.0	285.1	135,100	50.0	294.1	128,300	56.3	300.5	121,500	110
115	39.2	279.1	127,700	46.7	289.5	121,300	53.3	296.8	114,800	115
120	35.0	272.1	121,000	43.2	284.3	114,900	50.2	292.7	108,700	120
125	30.4	264.0	114,800	39.4	278.3	109,000	46.9	288.0	103,200	125
130	24.9	253.9	109,100	35.3	271.5	103,600	43.4	282.9	98,100	130
135	17.9	240.3	103,800	30.7	263.4	98,700	39.6	276.9	93,400	135
140				25.3	253.5	94,000	35.5	270.1	89,000	140
145				18.4	240.2	89,700	31.0	262.1	85,000	145
150				5.2	213.4	85,400	25.6	252.3	81,200	150
155							18.8	239.3	77,600	155
160							6.7	214.7	74,100	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



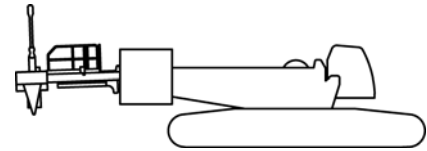
16000 MAX-ER

196.9 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60										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	98,500							120
125	57.4	297.7	93,400							125
130	54.5	294.2	88,800							130
135	51.4	290.2	84,500							135
140	48.1	285.8	80,500							140
145	44.7	280.8	76,900	55.3	289.8	68,800				145
150	41.0	275.2	73,400	52.3	286.0	65,700				150
155	37.1	268.8	70,200	49.1	281.7	62,800				155
160	32.7	261.2	67,300	45.7	276.9	60,100				160
165	27.7	252.2	64,400	42.1	271.4	57,600	52.8	279.8	50,700	165
170	21.6	240.6	61,700	38.3	265.2	55,200	49.6	275.6	48,600	170
175	12.7	223.1	59,100	34.0	258.1	52,900	46.3	270.9	46,600	175
180				29.2	249.5	50,800	42.8	265.6	44,700	180
185				23.5	238.9	48,700	39.0	259.5	42,900	185
190				15.8	223.8	46,700	34.8	252.6	41,100	190
195							30.1	244.3	39,500	195
200							24.6	234.1	37,900	200
205							17.4	220.2	36,300	205

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



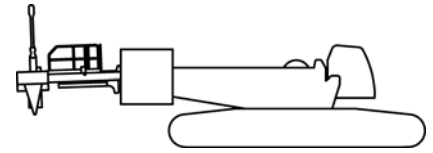
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
65	72.8	337.3	221,400*							65
70	70.6	335.6	213,100*							70
75	68.4	333.6	204,000*							75
80	66.1	331.4	194,600*	70.8	334.5	191,000b				80
85	63.8	328.9	185,000*	68.5	332.6	176,800				85
90	61.4	326.2	173,200	66.3	330.4	164,300				90
95	59.0	323.2	161,700	63.9	327.9	153,400				95
100	56.5	319.9	151,500	61.6	325.2	143,700	66.4	328.8	135,900	100
105	54.0	316.3	142,500	59.2	322.3	135,100	64.1	326.4	127,700	105
110	51.3	312.4	134,300	56.7	319.0	127,300	61.7	323.7	120,300	110
115	48.5	308.0	126,900	54.1	315.4	120,300	59.3	320.7	113,600	115
120	45.6	303.2	120,200	51.5	311.5	113,900	56.8	317.5	107,600	120
125	42.6	297.8	114,100	48.7	307.1	108,100	54.2	313.9	102,100	125
130	39.4	291.8	108,500	45.8	302.3	102,800	51.6	310.0	97,000	130
135	35.9	285.1	103,300	42.8	297.0	97,900	48.9	305.7	92,300	135
140	32.0	277.3	98,600	39.6	291.1	93,300	46.0	300.9	88,000	140
145	27.7	268.2	94,100	36.1	284.4	89,100	43.0	295.6	84,100	145
150	22.6	257.1	90,000	32.3	276.7	85,200	39.7	289.7	80,400	150
155	16.0	241.9	86,000	28.0	267.7	81,500	36.3	283.0	76,900	155
160				23.0	256.7	78,100	32.5	275.4	73,700	160
165				16.5	241.9	74,800	28.2	266.5	70,600	165
170							23.3	255.6	67,700	170
175							16.9	241.1	65,000	175
180							4.2	211.1	62,100	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

196.9 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65										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	92,100							125
130	60.2	317.9	87,500							130
135	57.7	314.7	83,200							135
140	55.2	311.3	79,300							140
145	52.6	307.5	75,700							145
150	49.9	303.3	72,300							150
155	47.1	298.7	69,100	55.9	306.8	61,400				155
160	44.1	293.6	66,200	53.3	303.1	58,800				160
165	40.9	288.0	63,400	50.7	299.1	56,300				165
170	37.6	281.6	60,800	47.9	294.6	53,900				170
175	33.9	274.4	58,400	45.0	289.7	51,700				175
180	29.9	266.0	56,100	41.9	284.2	49,700	51.1	293.0	43,300	180
185	25.2	255.9	53,900	38.6	278.0	47,700	48.4	288.6	41,500	185
190	19.5	243.1	51,700	35.0	271.1	45,800	45.5	283.7	39,900	190
195	11.0	223.2	49,600	31.1	263.1	44,000	42.4	278.3	38,300	195
200				26.6	253.6	42,300	39.2	272.3	36,800	200
205				21.3	241.7	40,700	35.7	265.5	35,300	205
210				14.0	224.9	39,000	31.8	257.7	33,900	210
215							27.5	248.5	32,600	215
220							22.3	237.2	31,300	220
225							15.5	221.7	30,000	225

Liftcrane Luffing Jib Capacities

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

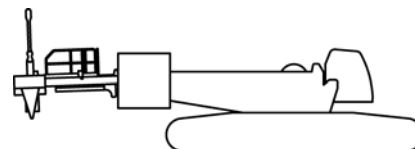
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



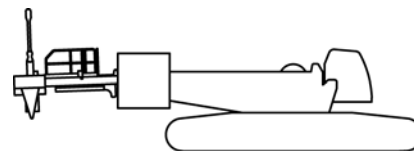
16000 MAX-ER

196.9 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	73.1	356.4	190,800*							70
75	71.2	354.7	184,500*							75
80	69.3	352.8	177,800*							80
85	67.3	350.7	170,700*							85
90	65.3	348.4	163,300*	69.4	351.8	162,900				90
95	63.3	345.9	155,800*	67.4	349.7	152,000				95
100	61.2	343.2	148,400*	65.4	347.4	142,300				100
105	59.1	340.2	141,100*	63.4	344.9	133,700	67.5	348.1	126,100	105
110	56.9	336.9	133,100	61.3	342.2	125,900	65.5	345.9	118,700	110
115	54.7	333.4	125,800	59.2	339.2	118,900	63.5	343.4	112,100	115
120	52.4	329.6	119,100	57.0	336.0	112,600	61.4	340.6	106,100	120
125	50.0	325.4	113,000	54.8	332.5	106,800	59.3	337.7	100,600	125
130	47.6	320.9	107,400	52.5	328.7	101,500	57.1	334.5	95,500	130
135	45.0	316.0	102,300	50.2	324.6	96,600	54.9	331.0	90,900	135
140	42.3	310.5	97,500	47.7	320.1	92,100	52.6	327.2	86,600	140
145	39.5	304.6	93,100	45.2	315.1	87,900	50.3	323.1	82,700	145
150	36.5	298.0	89,000	42.5	309.8	84,000	47.8	318.6	79,000	150
155	33.2	290.5	85,200	39.7	303.8	80,400	45.3	313.7	75,600	155
160	29.6	282.0	81,700	36.7	297.3	77,000	42.6	308.4	72,400	160
165	25.6	272.0	78,300	33.4	289.9	73,900	39.8	302.5	69,400	165
170	20.7	259.8	75,100	29.9	281.5	70,900	36.8	295.9	66,600	170
175	14.4	243.1	72,100	25.8	271.6	68,100	33.6	288.6	63,900	175
180				21.1	259.5	65,400	30.0	280.2	61,400	180
185				14.9	243.2	62,800	26.1	270.4	59,000	185
190							21.4	258.5	56,700	190
195							15.3	242.5	54,500	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

196.9 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70										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	81,500							135
140	60.1	334.8	77,600							140
145	57.9	331.7	74,000							145
150	55.7	328.3	70,600							150
155	53.5	324.6	67,500							155
160	51.2	320.6	64,600							160
165	48.8	316.3	61,900	56.4	323.9	54,500				165
170	46.2	311.6	59,300	54.1	320.3	52,200				170
175	43.6	306.4	56,900	51.8	316.4	50,000				175
180	40.9	300.7	54,700	49.4	312.1	48,000				180
185	37.9	294.4	52,500	47.0	307.5	46,000				185
190	34.8	287.4	50,500	44.4	302.5	44,200	52.2	310.2	38,000	190
195	31.4	279.4	48,500	41.7	296.9	42,500	49.9	306.0	36,500	195
200	27.6	270.2	46,700	38.8	290.8	40,800	47.4	301.5	35,000	200
205	23.2	259.2	44,900	35.7	284.0	39,200	44.9	296.5	33,600	205
210	17.7	245.1	43,200	32.4	276.4	37,700	42.2	291.1	32,300	210
215	9.4	222.9	41,500	28.7	267.5	36,300	39.3	285.1	31,000	215
220				24.5	257.1	34,900	36.3	278.4	29,800	220
225				19.5	244.2	33,600	33.0	270.9	28,600	225
230				12.4	225.5	32,200	29.4	262.4	27,500	230
235							25.3	252.3	26,400	235
240							20.4	239.9	25,300	240
245							13.9	222.7	24,200	245

Liftcrane Luffing Jib Capacities

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

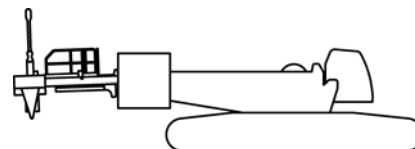
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



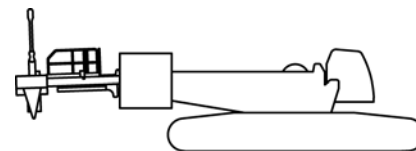
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
75	73.4	375.5	165,200*							75
80	71.7	373.8	160,500*							80
85	69.9	372.0	155,400*							85
90	68.2	370.0	150,000*							90
95	66.4	367.8	144,300*	70.1	371.0	150,700				95
100	64.7	365.4	138,500*	68.3	369.0	141,100				100
105	62.8	362.9	132,700*	66.6	366.8	132,500				105
110	61.0	360.1	126,900*	64.8	364.5	124,700				110
115	59.1	357.1	121,200*	63.0	361.9	117,700	66.6	365.2	110,800	115
120	57.2	353.9	115,600*	61.1	359.2	111,400	64.9	362.9	104,800	120
125	55.2	350.5	110,200*	59.2	356.2	105,600	63.0	360.4	99,300	125
130	53.2	346.8	105,000*	57.3	353.0	100,300	61.2	357.6	94,300	130
135	51.1	342.8	100,000*	55.3	349.6	95,500	59.3	354.6	89,600	135
140	49.0	338.5	95,300*	53.3	345.9	91,000	57.4	351.5	85,400	140
145	46.8	333.8	90,900*	51.3	341.9	86,800	55.4	348.0	81,500	145
150	44.5	328.8	86,700*	49.1	337.6	82,900	53.4	344.4	77,800	150
155	42.1	323.3	82,800*	46.9	333.0	79,400	51.4	340.4	74,400	155
160	39.6	317.3	79,200*	44.6	328.0	76,000	49.2	336.1	71,200	160
165	36.9	310.8	75,800*	42.3	322.5	72,900	47.0	331.5	68,200	165
170	34.1	303.6	72,700*	39.8	316.6	69,900	44.8	326.5	65,500	170
175	31.0	295.5	69,900*	37.1	310.1	67,100	42.4	321.1	62,800	175
180	27.6	286.3	67,500*	34.3	302.9	64,500	39.9	315.2	60,400	180
185	23.8	275.5	65,400*	31.2	294.9	62,100	37.2	308.7	58,000	185
190	19.2	262.2	63,600	27.8	285.7	59,700	34.4	301.6	55,800	190
195	13.0	243.9	61,100	24.0	275.1	57,500	31.4	293.6	53,700	195
200				19.5	262.0	55,300	28.0	284.5	51,700	200
205				13.5	244.2	53,200	24.2	274.0	49,800	205
210							19.8	261.0	47,900	210
215							13.9	243.6	46,200	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

196.9 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
75										75
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	72,600							145
150	60.0	351.8	69,300							150
155	58.1	348.7	66,200							155
160	56.2	345.3	63,300							160
165	54.2	341.7	60,600							165
170	52.1	337.9	58,000							170
175	50.0	333.7	55,700	56.7	340.9	48,600				175
180	47.9	329.2	53,400	54.8	337.4	46,600				180
185	45.6	324.4	51,300	52.7	333.6	44,700				185
190	43.3	319.1	49,300	50.6	329.5	42,900				190
195	40.8	313.4	47,400	48.5	325.1	41,100				195
200	38.2	307.2	45,600	46.3	320.4	39,500				200
205	35.5	300.3	43,900	43.9	315.2	38,000	51.0	323.4	32,200	205
210	32.5	292.7	42,200	41.5	309.7	36,500	48.9	319.0	30,900	210
215	29.3	284.0	40,700	39.0	303.6	35,100	46.7	314.4	29,600	215
220	25.7	274.1	39,100	36.3	296.9	33,800	44.4	309.3	28,400	220
225	21.5	262.1	37,700	33.4	289.5	32,500	42.0	303.8	27,300	225
230	16.3	246.8	36,300	30.2	281.2	31,200	39.4	297.8	26,200	230
235	8.1	221.9	34,800	26.8	271.6	30,000	36.8	291.3	25,100	235
240				22.8	260.4	28,900	33.9	284.0	24,100	240
245				17.9	246.2	27,700	30.8	275.9	23,100*	245
250				11.1	225.7	26,600	27.4	266.6	22,000*	250
255							23.5	255.6	21,000*	255
260							18.9	242.2	19,900*	260
265							12.6	223.4	18,900*	265

Liftcrane Luffing Jib Capacities

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

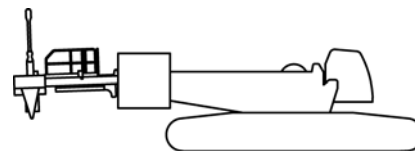
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



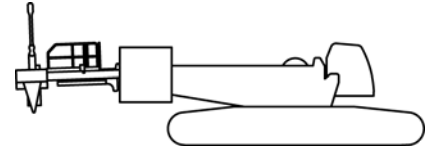
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
80	73.6	394.5	141,900*							80
85	72.0	392.9	139,800*							85
90	70.5	391.1	136,000*							90
95	68.9	389.2	131,900*							95
100	67.4	387.1	127,600*	70.6	390.1	138,200*				100
105	65.8	384.9	123,200*	69.0	388.2	131,000				105
110	64.1	382.5	118,700*	67.5	386.1	123,300				110
115	62.5	379.9	114,100*	65.9	383.9	116,300				115
120	60.8	377.1	109,500*	64.2	381.5	110,000	67.5	384.5	103,200	120
125	59.1	374.1	105,000*	62.6	378.9	104,200	65.9	382.3	97,700	125
130	57.4	370.9	100,600*	60.9	376.1	98,900	64.3	379.9	92,700	130
135	55.7	367.5	96,300*	59.3	373.1	94,100	62.7	377.3	88,100	135
140	53.9	363.9	92,200*	57.5	370.0	89,600	61.0	374.6	83,900	140
145	52.0	360.0	88,200*	55.8	366.6	85,400	59.3	371.6	79,900	145
150	50.1	355.9	84,300*	54.0	363.0	81,600	57.6	368.5	76,300	150
155	48.2	351.4	80,700*	52.1	359.1	78,000	55.9	365.1	72,900	155
160	46.2	346.7	77,200*	50.3	355.0	74,700	54.1	361.5	69,700	160
165	44.1	341.5	74,000*	48.3	350.6	71,500	52.2	357.6	66,800	165
170	41.9	336.0	70,900*	46.3	345.8	68,600	50.3	353.5	64,000	170
175	39.7	330.1	68,000*	44.2	340.7	65,900	48.4	349.1	61,400	175
180	37.3	323.6	65,300*	42.1	335.3	63,300	46.4	344.4	59,000	180
185	34.8	316.6	62,800*	39.8	329.4	60,800	44.3	339.3	56,600	185
190	32.1	308.8	60,500*	37.4	322.9	58,500	42.2	333.9	54,500	190
195	29.1	300.1	58,500*	34.9	315.9	56,300	39.9	328.0	52,400	195
200	25.9	290.1	56,700*	32.3	308.1	54,200	37.6	321.6	50,400	200
205	22.2	278.5	55,100*	29.3	299.5	52,200	35.1	314.6	48,500	205
210	17.8	264.3	53,900	26.1	289.7	50,300	32.4	306.9	46,700	210
215	11.9	244.3	51,900	22.5	278.2	48,500	29.5	298.3	45,000	215
220				18.2	264.1	46,800	26.3	288.5	43,400	220
225				12.3	244.8	45,000	22.7	277.1	41,800	225
230							18.4	263.2	40,300	230
235							12.7	244.3	38,800	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



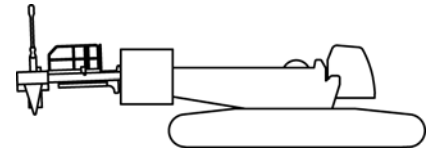
16000 MAX-ER

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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155	61.6	371.6	64,500							155
160	60.0	368.7	61,600							160
165	58.3	365.6	58,900							165
170	56.5	362.4	56,400							170
175	54.7	358.8	54,000							175
180	52.9	355.1	51,800							180
185	51.0	351.0	49,700	57.0	357.9	42,900				185
190	49.1	346.8	47,700	55.2	354.4	41,100				190
195	47.1	342.2	45,800	53.4	350.7	39,400				195
200	45.1	337.2	44,100	51.6	346.8	37,800				200
205	43.0	331.9	42,400	49.7	342.6	36,300				205
210	40.8	326.2	40,800	47.7	338.0	34,800				210
215	38.4	320.0	39,200	45.7	333.2	33,500	51.9	340.6	27,800	215
220	36.0	313.2	37,800	43.6	328.0	32,100	50.0	336.5	26,600*	220
225	33.4	305.8	36,300	41.4	322.4	30,900	48.1	332.0	25,300*	225
230	30.6	297.5	35,000	39.1	316.4	29,700	46.1	327.2	24,100*	230
235	27.5	288.2	33,700	36.7	309.7	28,500	44.0	322.1	23,000*	235
240	24.1	277.5	32,400	34.2	302.5	27,400	41.8	316.6	21,900*	240
245	20.1	264.7	31,200	31.4	294.5	26,300	39.5	310.6	20,800*	245
250	15.0	248.2	30,000	28.4	285.6	25,300	37.2	304.1	19,800*	250
255	6.8	220.3	28,800	25.1	275.3	24,300	34.6	297.0	18,800*	255
260				21.3	263.2	23,300	31.9	289.1	17,900*	260
265				16.6	248.0	22,400	29.0	280.4	16,900*	265
270				9.9	225.5	21,400	25.7	270.4	16,000*	270
275							22.0	258.7	15,100*	275
280							17.6	244.2	14,200*	280
285							11.4	223.7	13,300*	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



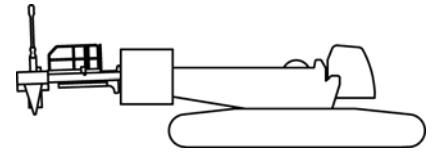
16000 MAX-ER

196.9 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160	63.0	391.3	59,900							160
165	61.4	388.6	57,200							165
170	59.9	385.7	54,700							170
175	58.4	382.6	52,400							175
180	56.8	379.3	50,200							180
185	55.2	375.9	48,100							185
190	53.5	372.2	46,100							190
195	51.9	368.3	44,200	57.2	374.8	37,700				195
200	50.1	364.1	42,500	55.6	371.4	36,100				200
205	48.4	359.7	40,800	54.0	367.8	34,600				205
210	46.6	355.0	39,200	52.3	364.0	33,100				210
215	44.7	350.0	37,700	50.6	359.9	31,800				215
220	42.7	344.7	36,200	48.9	355.6	30,500				220
225	40.7	338.9	34,800	47.1	351.0	29,200	52.6	357.8	23,000*	225
230	38.6	332.7	33,500	45.2	346.0	28,000	50.9	353.8	21,800*	230
235	36.4	326.1	32,200	43.3	340.8	26,900	49.2	349.5	20,700*	235
240	34.1	318.8	31,000	41.3	335.2	25,800	47.4	344.9	19,600*	240
245	31.6	310.9	29,800	39.2	329.1	24,800	45.6	340.1	18,500*	245
250	28.9	302.1	28,700	37.1	322.6	23,700	43.7	334.9	17,500*	250
255	26.0	292.1	27,600	34.8	315.5	22,800*	41.7	329.3	16,600*	255
260	22.7	280.7	26,500	32.3	307.8	21,700*	39.6	323.4	15,600*	260
265	18.8	267.1	25,500	29.7	299.2	20,700*	37.5	316.9	14,800*	265
270	13.9	249.3	24,500	26.9	289.7	19,700*	35.2	310.0	13,900*	270
275	5.5	217.9	23,400	23.7	278.7	18,700*	32.8	302.3	13,000*	275
280				20.0	265.8	17,700*	30.2	293.9	12,200*	280
285				15.5	249.5	16,800*	27.4	284.6	11,400*	285
290				8.9	224.9	15,800*	24.3	273.9	10,600*	290
295							20.7	261.4	9,900*	295
300							16.4	245.9	9,100*	300
305							10.4	223.7	8,300*	305

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140										140
145										145
150										150
155										155
160										160
165										165
170	62.7	408.2	53,100							170
175	61.3	405.5	50,700							175
180	59.9	402.6	48,600							180
185	58.5	399.6	46,500							185
190	57.0	396.3	44,500							190
195	55.5	392.9	42,700							195
200	54.1	389.3	40,900							200
205	52.5	385.5	39,200	57.4	391.8	32,900				205
210	51.0	381.5	37,700	56.0	388.5	31,500				210
215	49.4	377.2	36,200	54.5	384.9	30,100				215
220	47.7	372.7	34,700	53.0	381.1	28,800				220
225	46.1	367.9	33,300	51.4	377.2	27,600				225
230	44.3	362.8	32,000	49.8	373.0	26,400				230
235	42.5	357.4	30,800	48.2	368.5	25,300*				235
240	40.7	351.7	29,600	46.5	363.8	24,000*	51.7	371.0	17,200*	240
245	38.8	345.5	28,400	44.8	358.9	22,900*	50.1	366.9	16,200*	245
250	36.8	338.9	27,300	43.1	353.5	21,800*	48.5	362.5	15,300*	250
255	34.7	331.8	26,300	41.2	347.9	20,700*	46.8	357.8	14,300*	255
260	32.4	324.1	25,200	39.3	341.9	19,700*	45.1	352.9	13,400*	260
265	30.0	315.6	24,200	37.4	335.4	18,600*	43.4	347.6	12,500*	265
270	27.5	306.3	23,300	35.3	328.4	17,700*	41.6	342.1	11,700*	270
275	24.6	295.8	22,300	33.1	320.9	16,700*	39.7	336.1	10,900*	275
280	21.5	283.6	21,400	30.7	312.7	15,800*	37.7	329.7	10,100*	280
285	17.7	269.1	20,500	28.2	303.6	14,900*	35.6	322.9	9,300*	285
290	13.0	250.1	19,600*	25.5	293.5	14,100*	33.5	315.4	8,600*	290
295	4.2	214.3	18,500*	22.4	281.9	13,200*	31.2	307.3	7,900*	295
300				18.9	268.1	12,400*	28.7	298.4	7,200*	300
305				14.5	250.8	11,600*	26.0	288.5	6,500*	305
310				7.9	223.9	10,700*	23.0	277.2	5,800*	310
315							19.6	263.9	5,100*	315

Liftcrane Luffing Jib Capacities

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

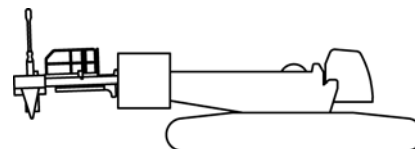
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



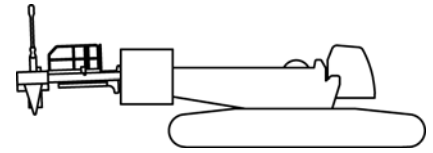
16000 MAX-ER

196.9 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95	74.0	451.7	89,200*							95
100	72.8	450.1	88,600*							100
105	71.6	448.5	88,200*							105
110	70.4	446.7	87,800*							110
115	69.2	444.8	87,200*							115
120	68.0	442.8	85,200*	70.5	445.6	85,600*				120
125	66.8	440.6	83,000*	69.3	443.8	85,400*				125
130	65.6	438.4	80,800*	68.1	441.8	85,300*				130
135	64.3	436.0	78,600*	66.9	439.6	85,000*				135
140	63.1	433.4	76,300*	65.7	437.4	84,800*				140
145	61.8	430.8	74,100*	64.4	435.0	81,300	66.9	438.0	75,500	145
150	60.5	427.9	71,800*	63.2	432.5	77,500	65.7	435.8	71,900	150
155	59.2	425.0	69,600*	61.9	429.8	73,900	64.5	433.4	68,500	155
160	57.9	421.9	67,300*	60.6	427.0	70,600	63.2	430.9	65,400	160
165	56.6	418.6	65,100*	59.3	424.0	67,500	62.0	428.2	62,500	165
170	55.2	415.1	63,000*	58.0	420.9	64,600	60.7	425.4	59,700	170
175	53.8	411.5	60,900*	56.6	417.6	61,900	59.4	422.5	57,100	175
180	52.4	407.6	58,800*	55.3	414.2	59,300	58.1	419.4	54,700	180
185	51.0	403.6	56,800*	53.9	410.5	56,900	56.7	416.1	52,400	185
190	49.5	399.3	54,900*	52.5	406.7	54,600	55.4	412.7	50,300	190
195	48.0	394.9	53,000*	51.1	402.7	52,400	54.0	409.0	48,200	195
200	46.5	390.1	51,300*	49.6	398.5	50,400	52.6	405.2	46,300	200
205	44.9	385.1	49,500*	48.1	394.0	48,400	51.1	401.2	44,500	205
210	43.2	379.9	47,900*	46.6	389.3	46,600	49.7	397.0	42,700	210
215	41.6	374.3	46,300*	45.0	384.3	44,800	48.2	392.5	41,100	215
220	39.8	368.4	44,900*	43.4	379.1	43,200	46.6	387.9	39,500	220
225	38.0	362.0	43,500*	41.7	373.5	41,600	45.1	382.9	38,000	225
230	36.1	355.3	42,100*	39.9	367.6	40,000	43.4	377.7	36,500	230
235	34.2	348.0	40,900*	38.1	361.3	38,600	41.8	372.1	35,100	235
240	32.1	340.2	39,700*	36.3	354.6	37,200	40.0	366.2	33,800	240
245	29.9	331.7	38,700*	34.3	347.4	35,800	38.2	359.9	32,600	245
250	27.5	322.3	37,700*	32.2	339.6	34,500	36.4	353.2	31,300	250
255	24.9	311.9	36,400	30.0	331.1	33,300	34.4	346.0	30,200	255
260	22.0	300.0	35,100	27.7	321.8	32,100	32.3	338.3	29,000	260
265	18.7	286.2	33,900	25.1	311.5	30,900	30.1	329.8	28,000	265
270	14.7	268.9	32,700	22.2	299.7	29,800	27.8	320.6	26,900	270
275	9.0	243.7	31,500	19.0	286.0	28,700	25.2	310.3	25,900	275
280				15.0	269.0	27,600	22.4	298.6	24,900	280
285				9.4	244.7	26,600	19.1	285.0	23,900	285
290							15.2	268.3	23,000	290
295							9.8	244.6	22,000	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



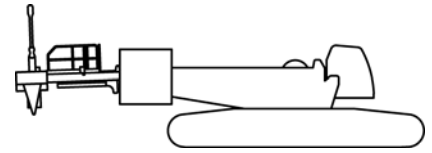
16000 MAX-ER

196.9 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
95				95
100				100
105				105
110				110
115				115
120				120
125				125
130				130
135				135
140				140
145				145
150				150
155				155
160				160
165				165
170				170
175				175
180	62.4	425.2	47,100	180
185	61.1	422.5	45,100	185
190	59.8	419.6	43,100	190
195	58.5	416.5	41,300	195
200	57.2	413.3	39,500	200
205	55.9	409.9	37,900	205
210	54.5	406.4	36,300	210
215	53.1	402.6	34,800	215
220	51.7	398.7	33,400	220
225	50.2	394.6	32,000	225
230	48.7	390.2	30,700	230
235	47.2	385.6	29,500	235
240	45.6	380.7	28,300	240
245	44.0	375.6	27,100	245
250	42.4	370.2	26,000	250
255	40.7	364.4	25,000	255
260	38.9	358.3	24,000	260
265	37.1	351.7	23,000	265
270	35.1	344.7	22,100	270
275	33.1	337.2	21,100*	275
280	31.0	329.0	20,100*	280
285	28.7	320.1	19,100*	285
290	26.2	310.2	18,200*	290
295	23.5	299.1	17,200*	295
300	20.4	286.3	16,300*	300
305	16.8	270.9	15,400*	305
310	12.1	250.6	14,500*	310
315	2.5	208.1	13,500*	315

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
0 lb Hanging Counterweight
at 36.1 ft thru 49.2 ft Position
360 Degree Rating

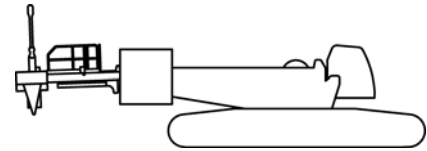


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Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



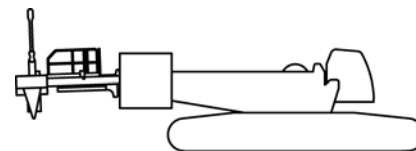
16000 MAX-ER

216.5 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50	72.0	300.2	297,200*d							50
55	68.1	298.1	287,000*c							55
60	64.0	295.7	269,100*b							60
65	59.8	292.9	249,500*b	69.1	297.5	251,300*c				65
70	55.4	289.5	233,100*b	65.1	295.2	228,400*b				70
75	50.8	285.4	219,500*	61.0	292.4	209,100*b				75
80	45.7	280.7	202,900	56.6	289.2	192,600*b	66.2	294.0	182,100*c	80
85	40.2	274.9	187,900	52.1	285.3	178,300	62.0	291.3	168,600*b	85
90	33.9	267.8	174,700	47.1	280.8	165,900	57.8	288.2	156,900*b	90
95	26.2	258.5	163,100	41.8	275.3	154,900	53.2	284.5	146,500*b	95
100	14.7	243.6	152,500	35.7	268.7	145,100	48.4	280.2	137,300	100
105				28.5	260.1	136,300	43.2	275.0	129,000	105
110				18.6	247.5	128,300	37.3	268.7	121,600	110
115							30.4	260.6	114,800	115
120							21.5	249.5	108,600	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



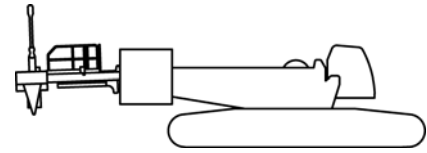
16000 MAX-ER

216.5 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
50										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	116,600b							105
110	56.4	282.8	109,900b							110
115	51.8	278.9	103,800b							115
120	46.9	274.4	98,300							120
125	41.5	268.9	93,200							125
130	35.4	262.1	88,500	54.7	275.4	79,100b				130
135	28.1	253.4	84,200	50.0	271.3	75,200				135
140	18.0	240.5	80,000	44.9	266.4	71,700				140
145				39.2	260.5	68,300				145
150				32.8	253.1	65,200	52.4	265.9	57,400b	150
155				24.7	243.2	62,200	47.5	261.4	54,800	155
160				11.7	226.1	59,300	42.1	256.0	52,400	160
165							36.1	249.4	50,100	165
170							29.0	241.0	47,900	170
175							19.4	228.8	45,800	175

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

216.5 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
55	72.7	319.3	263,700*c							55
60	69.6	317.4	252,300*b							60
65	66.4	315.2	240,000*b							65
70	63.1	312.7	227,200*b	70.4	316.7	227,400b				70
75	59.8	309.8	213,200*	67.2	314.6	208,100b				75
80	56.3	306.5	201,000*	64.0	312.2	191,700b				80
85	52.6	302.7	187,500	60.7	309.4	177,500b				85
90	48.8	298.4	174,400	57.2	306.2	165,100	64.8	311.0	155,800b	90
95	44.7	293.4	162,900	53.6	302.5	154,200	61.5	308.3	145,500b	95
100	40.2	287.7	152,700	49.8	298.4	144,600	58.1	305.2	136,400	100
105	35.3	280.9	143,600	45.8	293.6	135,900	54.6	301.7	128,200	105
110	29.7	272.5	135,300	41.5	288.1	128,200	50.8	297.6	120,800	110
115	22.7	261.6	127,800	36.7	281.6	121,100	46.9	293.0	114,200	115
120	12.0	244.0	120,800	31.3	273.7	114,700	42.6	287.7	108,200	120
125				24.8	263.7	108,800	38.0	281.5	102,600	125
130				15.7	248.9	103,200	32.7	274.0	97,500	130
135							26.6	264.7	92,800	135
140							18.4	251.6	88,400	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

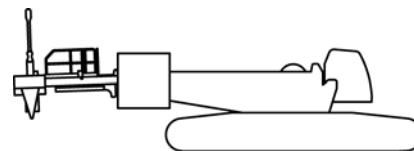
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
55										55
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115	60.5	303.0	102,600							115
120	57.1	299.8	97,200							120
125	53.5	296.1	92,200							125
130	49.7	292.0	87,600							130
135	45.6	287.2	83,400							135
140	41.3	281.6	79,500	55.7	292.5	70,400				140
145	36.5	275.0	75,900	52.0	288.6	67,200				145
150	31.0	267.1	72,500	48.1	284.2	64,200				150
155	24.4	257.0	69,200	44.0	279.1	61,400				155
160	15.1	241.8	66,100	39.5	273.2	58,700				160
165				34.5	266.2	56,200	50.1	279.0	48,900	165
170				28.6	257.6	53,800	46.1	274.2	46,900	170
175				21.3	246.1	51,600	41.8	268.7	44,900	175
180				9.0	225.5	49,200	37.0	262.3	43,100	180
185							31.7	254.6	41,300	185
190							25.2	244.7	39,600	190
195							16.4	230.5	37,900	195

Liftcrane Luffing Jib Capacities

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

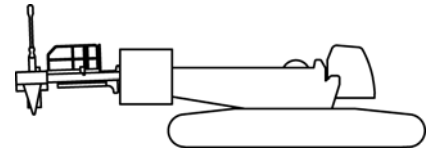
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



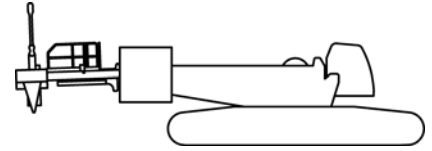
16000 MAX-ER

216.5 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60	73.1	338.3	226,000*b							60
65	70.5	336.6	217,200*b							65
70	67.9	334.5	207,700*b							70
75	65.2	332.2	197,800*							75
80	62.5	329.7	187,800*	68.6	333.9	190,200b				80
85	59.7	326.8	177,800*	66.0	331.6	176,100b				85
90	56.8	323.5	168,200*	63.3	329.1	163,700				90
95	53.8	319.9	158,900*	60.5	326.3	152,900	66.6	330.4	143,800b	95
100	50.7	315.8	150,100*	57.6	323.2	143,300	64.0	328.0	134,800	100
105	47.4	311.3	141,900*	54.6	319.6	134,700	61.2	325.2	126,600	105
110	44.0	306.2	134,300*	51.6	315.7	127,000	58.3	322.2	119,400	110
115	40.3	300.4	127,200	48.3	311.3	120,000	55.4	318.7	112,800	115
120	36.2	293.8	120,500	44.9	306.4	113,600	52.4	314.9	106,800	120
125	31.7	286.0	114,300	41.3	300.8	107,900	49.2	310.6	101,300	125
130	26.6	276.6	108,700	37.3	294.4	102,500	45.8	305.9	96,300	130
135	20.1	264.2	103,400	33.0	287.0	97,600	42.2	300.5	91,700	135
140	9.9	243.7	98,400	28.0	278.1	93,100	38.4	294.3	87,400	140
145				22.0	266.7	88,800	34.2	287.1	83,400	145
150				13.5	249.8	84,700	29.4	278.7	79,700	150
155							23.7	268.1	76,300	155
160							16.1	253.2	72,900	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



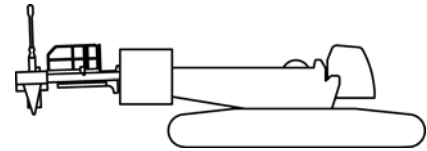
16000 MAX-ER

216.5 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
60										60
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125	60.3	320.0	90,400							125
130	57.5	316.8	85,900							130
135	54.5	313.3	81,800							135
140	51.4	309.3	77,900							140
145	48.2	304.9	74,400							145
150	44.8	300.0	71,000	56.3	309.5	62,400				150
155	41.1	294.3	67,900	53.3	305.8	59,600				155
160	37.2	287.9	65,000	50.2	301.7	57,000				160
165	32.8	280.4	62,300	46.9	297.1	54,600				165
170	27.8	271.4	59,700	43.4	291.9	52,300				170
175	21.7	259.9	57,300	39.6	286.0	50,200	51.8	296.3	43,100	175
180	13.0	242.6	54,900	35.5	279.2	48,100	48.5	291.9	41,300	180
185				31.0	271.2	46,200	45.1	287.0	39,600	185
190				25.6	261.4	44,300	41.5	281.5	38,000	190
195				18.8	248.3	42,500	37.6	275.2	36,400	195
200				6.6	223.7	40,600	33.3	267.8	35,000	200
205							28.4	259.0	33,600	205
210							22.5	247.9	32,200	210
215							14.2	231.6	30,800	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



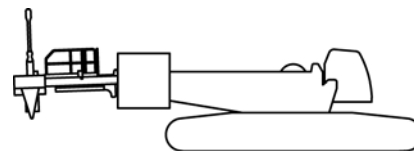
16000 MAX-ER

216.5 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
65	73.4	357.4	195,000*							65
70	71.2	355.7	188,300*							70
75	69.0	353.8	181,100*							75
80	66.7	351.6	173,500*							80
85	64.4	349.3	165,600*	69.6	353.1	174,900				85
90	62.1	346.6	157,800*	67.3	351.0	162,600				90
95	59.7	343.7	150,000*	65.1	348.7	151,700				95
100	57.2	340.5	142,400*	62.7	346.1	142,200	67.9	349.7	133,500	100
105	54.7	337.0	135,200*	60.3	343.3	133,600	65.6	347.5	125,400	105
110	52.0	333.1	128,200*	57.9	340.1	125,900	63.3	344.9	118,100	110
115	49.3	328.9	121,600*	55.4	336.7	119,000	60.9	342.2	111,600	115
120	46.5	324.2	115,500*	52.8	333.0	112,600	58.5	339.1	105,600	120
125	43.5	319.0	109,800*	50.1	328.8	106,900	56.0	335.8	100,200	125
130	40.3	313.2	104,500*	47.2	324.2	101,600	53.4	332.1	95,200	130
135	36.9	306.6	99,600*	44.3	319.2	96,800	50.7	328.0	90,600	135
140	33.1	299.2	95,300*	41.2	313.5	92,300	48.0	323.6	86,400	140
145	29.0	290.5	91,500*	37.8	307.2	88,100	45.0	318.7	82,500	145
150	24.1	280.0	88,400*	34.2	300.1	84,200	42.0	313.2	78,800	150
155	18.1	266.3	85,700	30.1	291.8	80,600	38.7	307.1	75,400	155
160	8.0	242.7	81,900	25.5	281.9	77,200	35.1	300.1	72,200	160
165				19.9	269.2	74,000	31.2	292.2	69,300	165
170				11.7	250.2	70,900	26.8	282.7	66,400	170
175							21.5	271.0	63,800	175
180							14.2	254.4	61,200	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 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	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
65										65
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130	62.6	339.8	84,500							130
135	60.2	336.9	80,400							135
140	57.8	333.8	76,600							140
145	55.2	330.4	73,100							145
150	52.6	326.6	69,800							150
155	49.9	322.4	66,700							155
160	47.1	317.8	63,900	56.8	326.5	55,600				160
165	44.1	312.7	61,200	54.2	323.0	53,200				165
170	41.0	307.1	58,700	51.6	319.0	51,000				170
175	37.7	300.7	56,300	48.9	314.7	48,900				175
180	34.0	293.5	54,100	46.0	309.9	46,900				180
185	30.0	285.2	52,000	43.0	304.6	45,000	52.9	313.5	38,200	185
190	25.3	275.2	49,900	39.7	298.7	43,200	50.2	309.4	36,600	190
195	19.6	262.4	48,000	36.3	292.1	41,500	47.4	304.8	35,100	195
200	11.2	242.8	46,000	32.5	284.5	39,900	44.5	299.8	33,700	200
205				28.2	275.6	38,400	41.4	294.2	32,300	205
210				23.3	264.7	36,900	38.0	288.0	31,000	210
215				16.9	250.1	35,400	34.4	280.9	29,800	215
220				4.2	220.1	33,800	30.4	272.6	28,600	220
225							25.8	262.9	27,500	225
230							20.3	250.5	26,300	230
235							12.4	232.1	25,200	235

Liftcrane Luffing Jib Capacities

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

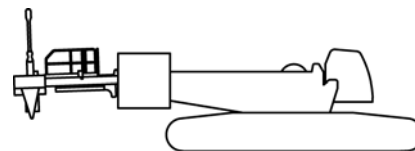
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

0 lb Hanging Counterweight

at 36.1 ft thru 49.2 ft Position

360 Degree Rating



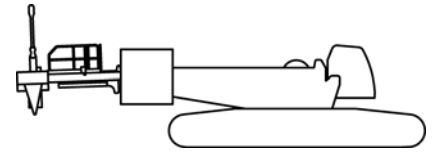
16000 MAX-ER

216.5 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
70	73.7	376.5	168,800*							70
75	71.7	374.8	163,700*							75
80	69.8	373.0	158,100*							80
85	67.8	371.0	152,300*							85
90	65.8	368.7	146,200*	70.3	372.2	161,000				90
95	63.8	366.3	140,000*	68.4	370.3	150,200				95
100	61.8	363.6	133,800*	66.4	368.1	140,700				100
105	59.6	360.7	127,700*	64.4	365.7	132,100				105
110	57.5	357.5	121,700*	62.3	363.1	124,500	66.9	366.8	116,500	110
115	55.3	354.0	115,900*	60.2	360.2	117,500	64.9	364.5	109,900	115
120	53.0	350.3	110,400*	58.1	357.1	111,300	62.8	361.9	104,000	120
125	50.7	346.2	105,100*	55.9	353.8	105,500	60.8	359.1	98,600	125
130	48.2	341.8	100,100*	53.6	350.1	100,300	58.6	356.1	93,600	130
135	45.7	337.0	95,400*	51.3	346.1	95,400	56.4	352.8	89,100	135
140	43.1	331.7	91,100*	48.9	341.8	91,000	54.2	349.2	84,900	140
145	40.3	325.9	87,000*	46.4	337.1	86,900	51.9	345.3	81,000	145
150	37.3	319.5	83,200*	43.8	332.0	83,000	49.5	341.1	77,400	150
155	34.1	312.3	79,800*	41.1	326.3	79,400	47.1	336.5	74,000	155
160	30.6	304.1	76,800*	38.1	320.0	76,100	44.5	331.5	70,900	160
165	26.7	294.6	74,100*	35.0	313.1	73,000	41.8	325.9	67,900	165
170	22.2	283.1	71,900*	31.6	305.2	70,000	38.9	319.9	65,200	170
175	16.4	268.0	70,500*	27.8	296.1	67,200	35.8	313.1	62,600	175
180	6.3	240.8	68,800	23.5	285.2	64,600	32.5	305.4	60,100	180
185				18.1	271.4	62,100	28.8	296.7	57,800	185
190				10.2	250.1	59,600	24.7	286.3	55,600	190
195							19.6	273.5	53,400	195
200							12.7	255.1	51,400	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
 0 lb Hanging Counterweight
 at 36.1 ft thru 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

216.5 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Luffing Jib Capacity Pounds	
70										70
75										75
80										80
85										85
90										90
95										95
100										100
105										105
110										110
115										115
120										120
125										125
130										130
135										135
140	62.2	356.7	74,800							140
145	60.1	353.9	71,300							145
150	58.0	350.8	68,100							150
155	55.8	347.4	65,100							155
160	53.5	343.7	62,200							160
165	51.2	339.7	59,600							165
170	48.8	335.4	57,100	57.1	343.5	49,100				170
175	46.3	330.7	54,800	54.9	340.0	47,100				175
180	43.7	325.5	52,600	52.6	336.2	45,100				180
185	40.9	319.8	50,500	50.3	332.1	43,300				185
190	38.0	313.5	48,500	47.8	327.6	41,500				190
195	34.9	306.5	46,700	45.3	322.8	39,900				195
200	31.5	298.6	44,900	42.6	317.4	38,300	51.5	326.7	31,800	200
205	27.7	289.4	43,200	39.8	311.5	36,800	49.1	322.4	30,500	205
210	23.3	278.5	41,500	36.8	305.0	35,400	46.6	317.7	29,300	210
215	17.9	264.5	39,900	33.6	297.6	34,000	44.0	312.6	28,100	215
220	9.7	242.5	38,300	30.0	289.2	32,700	41.2	307.0	26,900	220
225				26.1	279.5	31,400	38.3	300.8	25,800	225
230				21.3	267.6	30,200	35.2	293.8	24,700*	230
235				15.2	251.6	29,000	31.8	286.0	23,500*	235
240							28.1	277.0	22,400*	240
245							23.8	266.3	21,300*	245
250							18.5	252.7	20,300*	250
255							10.9	232.3	19,200*	255