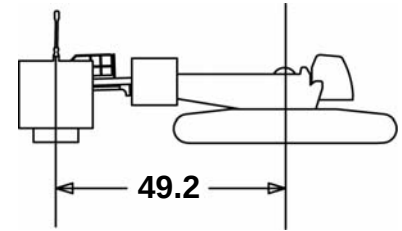


Liftcrane Luffing Jib Capacities

**Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 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. **Caution: Do not luff into areas indicated by (b) or (c) without required minimum weights.** Luffing jib will not luff down and luffing hoist wire rope may overhaul luffing jib and cause luffing hoist to go slack causing wire rope damage or failure.

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

Upper luffing jib point capacity for liftcrane service with single part whip line is 30,000 lb or 60,000 lb with two part whip line. In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacity.

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc. beneath boom and luffing jib point sheaves is considered part of luffing jib load. Boom and luffing jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with mast up and bearing turntable level within a tolerance of 1/2 in. in 10 ft and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib assembly **No. A13416**, Wire Rope Specification chart **No. 8771-A**, Counterweight Arrangement chart **No. 8682-A**, Luffing Jib Raising Procedure chart **No. 8761-B**, and Wind Conditions chart **No. 8688-A**.

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

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

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

BOOM ANGLE: Boom angle in degrees (°) is angle between horizontal and centerline of boom butt and inserts.

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

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

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

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

Boom and/or Jib Catwalks Deduct

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

Liftcrane Luffing Jib Capacities

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

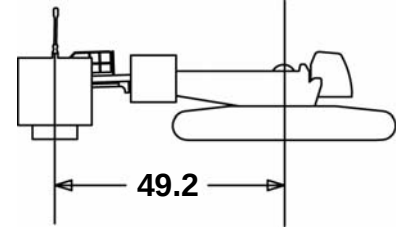
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



16000 MAX-ER

137.8 ft Boom, 78.7 ft Luffing Jib

80 Degree Boom Angle					
Jib Oper. Rad. Feet	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Oper. Rad. Feet
65	67.2	217.0	349,000	395,300*b	65
70	63.2	214.5	319,800	382,200*b	70
75	58.9	211.5	294,800	370,600*b	75
80	54.5	208.0	273,300	347,000*	80
85	49.7	203.9	254,400	316,000*	85
90	44.6	198.9	237,800	286,100*	90
95	38.9	192.9	223,000	260,900*	95
100	32.4	185.4	209,700	239,200*	100
105	24.2	175.4	197,600	220,200*	105
110					110
115					115
120					120
125					125
130					130
135					135
140					140
145					145

Liftcrane Luffing Jib Capacities

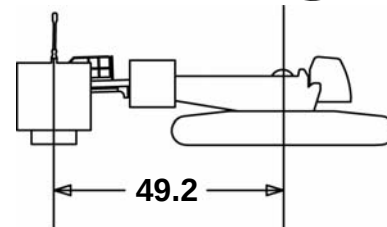
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
65													65
70													70
75													75
80													80
85	60.5	209.8	243,100	348,200*b									85
90	56.1	206.5	227,300	328,500*									90
95	51.5	202.6	213,200	310,900*									95
100	46.5	197.9	200,700	294,900*	57.5	203.6	191,400	288,500*					100
105	41.1	192.3	189,300	270,400*	52.9	199.9	180,600	273,800*					105
110	34.9	185.5	179,000	247,500*	48.1	195.5	170,900	260,400*					110
115	27.5	176.6	169,500	227,600*	42.8	190.2	162,000	248,200*					115
120	17.0	163.1	160,600	209,800*	36.9	183.8	153,800	237,000*	49.2	191.7	146,500	231,700*	120
125					29.9	175.7	146,200	226,600*	44.0	186.6	139,400	221,600*	125
130					20.8	164.1	139,100	215,800*	38.3	180.5	132,800	212,300*	130
135									31.6	172.8	126,700	203,700*	135
140									23.1	162.3	120,900	195,600*	140
145									7.4	141.3	115,000	187,200	145

Liftcrane Luffing Jib Capacities

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

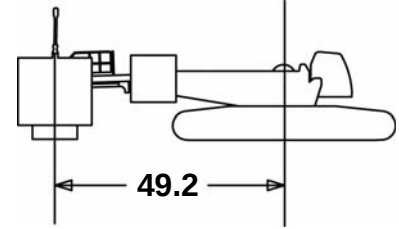
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



16000 MAX-ER

137.8 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	65.7	234.1	294,600	341,100*b	75
80	62.4	231.5	273,000	331,200*	80
85	59.0	228.5	254,200	321,400*	85
90	55.5	225.1	237,600	291,300*	90
95	51.8	221.2	222,900	266,000*	95
100	47.9	216.8	209,800	244,400*	100
105	43.8	211.7	198,000	225,800*	105
110	39.2	205.7	187,200	209,400*	110
115					115
120					120
125					125
130					130
135					135
140					140
145					145
150					150
155					155
160					160
165					165

Liftcrane Luffing Jib Capacities

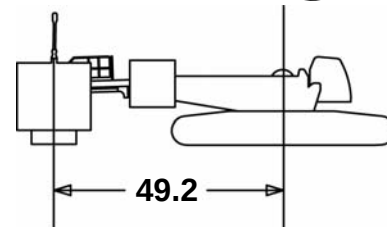
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75													75
80													80
85													85
90													90
95	60.3	226.7	212,600	309,700*									95
100	56.8	223.5	200,100	293,800*									100
105	53.2	219.8	188,800	275,300*									105
110	49.4	215.6	178,600	252,500*	57.9	220.6	169,900	259,200*					110
115	45.3	210.7	169,300	232,900*	54.3	217.1	161,100	247,100*					115
120	40.9	205.1	160,800	215,800*	50.5	213.0	153,100	236,000*					120
125	36.1	198.4	153,000	200,700*	46.6	208.4	145,700	225,700*					125
130	30.6	190.4	145,800	187,200*	42.3	203.0	138,900	216,300*	51.4	209.1	131,900	211,200*	130
135	23.9	180.0	139,100	175,000*	37.6	196.7	132,500	205,700*	47.5	204.6	125,900	202,700*	135
140	14.2	164.2	132,600	162,400*	32.3	189.1	126,700	191,800*	43.3	199.4	120,400	194,800*	140
145					26.1	179.6	121,100	179,200*	38.7	193.3	115,200	186,900	145
150					17.7	166.1	115,800	167,700*	33.6	186.1	110,300	179,500	150
155									27.6	177.1	105,700	172,600	155
160									19.9	164.9	101,300	166,000	160
165									3.1	136.5	96,700	156,100*	165

Liftcrane Luffing Jib Capacities

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

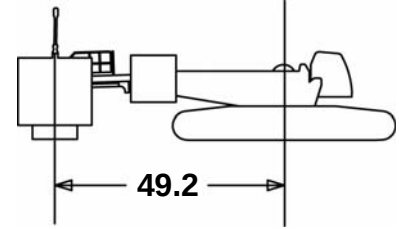
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



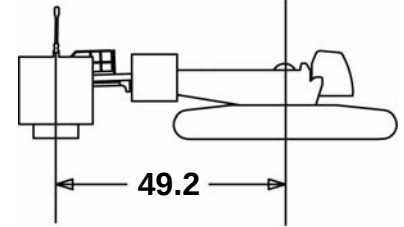
16000 MAX-ER

137.8 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	67.4	253.4	272,000	304,400*	80
85	64.7	251.1	253,100	296,400*	85
90	61.9	248.4	236,600	288,800*	90
95	59.1	245.5	221,900	268,300*	95
100	56.2	242.1	208,700	246,600*	100
105	53.2	238.4	196,900	227,800*	105
110	50.0	234.3	186,300	211,500*	110
115	46.7	229.6	176,600	197,100*	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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80													80
85													85
90													90
95													95
100	62.9	246.6	198,500	291,700*									100
105	60.1	243.7	187,300	277,400*									105
110	57.3	240.5	177,200	254,600*									110
115	54.3	236.9	167,900	234,800*									115
120	51.2	232.9	159,500	217,700*									120
125	47.9	228.5	151,800	202,600*	55.2	234.1	144,000	224,000*					125
130	44.5	223.5	144,700	189,300*	52.1	230.3	137,300	214,700*					130
135	40.8	217.8	138,100	177,400*	48.9	226.0	131,000	206,000*					135
140	36.9	211.3	132,000	166,600*	45.6	221.2	125,300	193,600*	52.8	226.3	118,500	193,000*	140
145	32.4	203.7	126,300	156,900*	42.0	215.7	119,900	181,300*	49.7	222.1	113,500	185,400	145
150	27.4	194.6	121,000	148,000*	38.1	209.5	114,900	170,300*	46.3	217.4	108,700	178,000	150
155	21.2	182.8	115,900	139,700*	33.8	202.3	110,100	160,300*	42.8	212.1	104,300	171,200	155
160	12.0	164.6	111,000	129,400*	29.0	193.7	105,700	151,100*	39.0	206.1	100,100	164,800	160
165					23.2	182.9	101,500	142,700*	34.8	199.1	96,100	158,800	165
170					15.4	167.6	97,400	134,700*	30.2	190.9	92,400	153,200	170
175									24.7	180.7	88,800	145,100*	175
180									17.5	166.8	85,400	137,100*	180

Liftcrane Luffing Jib Capacities

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

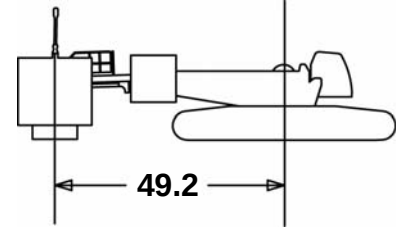
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



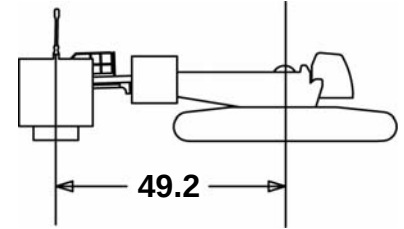
16000 MAX-ER

137.8 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	66.2	270.5	235,700	267,300*	90
95	63.9	268.1	221,000	261,200*	95
100	61.6	265.4	207,900	247,100*	100
105	59.2	262.4	196,100	228,300*	105
110	56.7	259.2	185,400	211,900*	110
115	54.1	255.6	175,800	197,600*	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					185
190					190
195					195
200					200

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90													90
95													95
100													100
105													105
110	62.4	263.5	176,000	255,000*									110
115	60.0	260.6	166,800	235,200*									115
120	57.6	257.5	158,400	218,000*									120
125	55.1	254.0	150,700	203,000*									125
130	52.4	250.2	143,600	189,700*									130
135	49.7	246.0	137,100	177,800*	55.8	251.2	129,800	204,700*					135
140	46.9	241.4	131,100	167,200*	53.2	247.5	124,000	193,900*					140
145	43.9	236.3	125,500	157,600*	50.6	243.4	118,700	181,600*					145
150	40.8	230.6	120,200	148,800*	47.8	238.9	113,700	170,700*					150
155	37.4	224.2	115,300	140,800*	44.8	234.0	109,100	160,800*	51.2	239.5	102,900	170,000	155
160	33.7	216.9	110,700	133,500*	41.7	228.4	104,700	151,800*	48.4	235.1	98,800	163,600	160
165	29.6	208.4	106,400	126,700*	38.4	222.3	100,600	143,600*	45.5	230.2	94,900	157,700	165
170	24.9	198.3	102,300	120,400*	34.9	215.3	96,800	136,100*	42.5	224.9	91,300	152,100	170
175	19.1	185.2	98,300	114,400*	30.9	207.2	93,100	129,200*	39.2	218.9	87,800	145,800*	175
180	10.2	164.5	94,400	105,600*	26.4	197.7	89,600	122,700*	35.7	212.1	84,600	138,100*	180
185					21.0	185.7	86,300	116,700*	31.8	204.3	81,500	131,100*	185
190					13.6	168.5	83,000	110,800*	27.5	195.1	78,500	124,600*	190
195									22.4	183.8	75,700	118,400*	195
200									15.6	168.3	72,900	112,600*	200

Liftcrane Luffing Jib Capacities

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

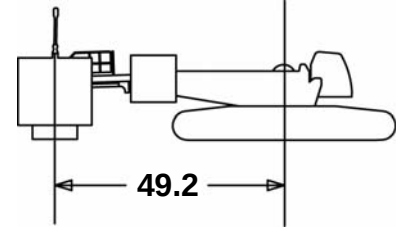
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



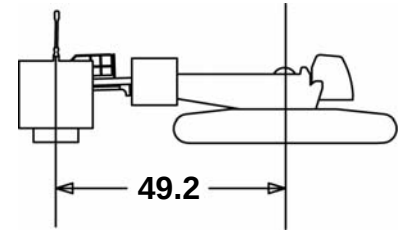
16000 MAX-ER

137.8 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100	65.4	287.6	206,500	231,400*	100
105	63.4	285.1	194,700	224,800*	105
110	61.3	282.4	184,000	211,600*	110
115	59.2	279.4	174,400	197,500*	115
120	57.0	276.2	165,600	184,700*	120
125					125
130					130
135					135
140					140
145					145
150					150
155					155
160					160
165					165
170					170
175					175
180					180
185					185
190					190
195					195
200					200
205					205
210					210
215					215
220					220

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

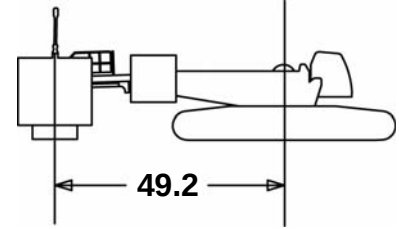
137.8 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100													100
105													105
110													110
115													115
120	62.1	280.5	156,700	217,600*									120
125	60.0	277.6	149,000	202,900*									125
130	57.8	274.5	142,000	189,500*									130
135	55.6	271.1	135,500	177,600*									135
140	53.4	267.4	129,500	167,000*									140
145	51.0	263.4	123,900	157,400*	56.3	268.2	116,800	181,400*					145
150	48.6	259.0	118,700	148,600*	54.1	264.6	111,900	170,400*					150
155	46.1	254.2	113,800	140,700*	51.7	260.7	107,300	160,500*					155
160	43.5	249.0	109,300	133,400*	49.4	256.5	103,000	151,500*					160
165	40.7	243.3	105,000	126,700*	46.9	251.8	98,900	143,400*	52.3	256.7	93,000	156,000	165
170	37.8	237.0	101,000	120,500*	44.3	246.7	95,100	135,900*	49.9	252.6	89,400	150,500	170
175	34.6	229.9	97,200	114,800*	41.6	241.2	91,500	129,000*	47.4	248.0	86,000	145,300	175
180	31.2	221.9	93,600	109,400*	38.7	235.1	88,100	122,700*	44.9	243.1	82,800	137,800*	180
185	27.4	212.6	90,200	104,400*	35.6	228.2	84,900	116,900*	42.2	237.6	79,700	130,800*	185
190	22.9	201.5	86,900	99,700*	32.3	220.5	81,900	111,400*	39.3	231.6	76,800	124,400*	190
195	17.4	187.1	83,700	95,100*	28.6	211.7	78,900	106,300*	36.3	224.9	74,100	118,500*	195
200					24.3	201.2	76,100	101,500*	33.0	217.5	71,500	112,900*	200
205					19.2	188.1	73,400	96,900*	29.4	208.9	69,000	107,800*	205
210					12.1	169.0	70,800	92,400*	25.4	198.9	66,600	102,900*	210
215									20.5	186.5	64,300	98,300*	215
220									14.0	169.4	62,000	93,800*	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

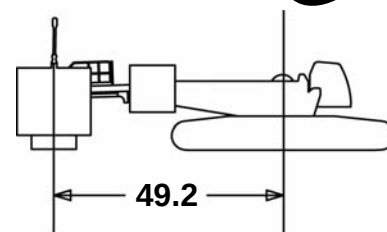
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 49.2 ft Position

360 Degree Rating



16000 MAX-ER

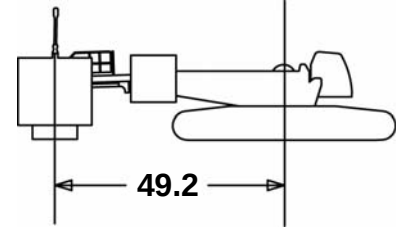
137.8 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
130	61.8	297.4	140,700	178,200*									130
135	59.9	294.5	134,200	176,700*									135
140	58.0	291.4	128,100	166,800*									140
145	56.1	288.1	122,600	157,100*									145
150	54.1	284.5	117,400	148,400*									150
155	52.0	280.6	112,500	140,400*	56.7	285.2	105,800	160,200*					155
160	49.9	276.4	108,000	133,100*	54.7	281.7	101,500	151,200*					160
165	47.7	271.9	103,700	126,400*	52.6	277.9	97,500	143,000*					165
170	45.5	267.1	99,700	120,200*	50.6	273.8	93,700	135,500*					170
175	43.1	261.8	96,000	114,500*	48.4	269.4	90,100	128,700*					175
180	40.7	256.1	92,400	109,200*	46.2	264.7	86,800	122,400*	51.0	269.9	81,200	137,400*	180
185	38.1	249.8	89,100	104,300*	43.9	259.5	83,600	116,500*	48.9	265.6	78,200	130,400*	185
190	35.3	242.9	85,900	99,600*	41.4	253.9	80,600	111,100*	46.7	260.9	75,400	124,000*	190
195	32.3	235.2	82,900	95,300*	38.9	247.8	77,700	106,100*	44.4	255.8	72,700	118,100*	195
200	29.1	226.5	80,000	91,200*	36.2	241.1	75,000	101,400*	42.0	250.4	70,100	112,600*	200
205	25.5	216.4	77,200	87,300*	33.3	233.7	72,400	96,900*	39.5	244.4	67,700	107,500*	205
210	21.2	204.4	74,500	83,600*	30.1	225.3	69,900	92,800*	36.8	237.8	65,300	102,700*	210
215	15.9	188.7	71,900	80,000*	26.6	215.7	67,500	88,800*	33.9	230.5	63,100	98,200*	215
220					22.6	204.4	65,200	85,100*	30.9	222.4	60,900	94,000*	220
225					17.7	190.1	63,000	81,500*	27.4	213.1	58,900	90,000*	225
230					10.7	169.1	60,800	77,900*	23.6	202.2	56,900	86,300*	230
235									18.9	188.8	54,900	82,700*	235
240									12.7	170.1	53,000	79,100*	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



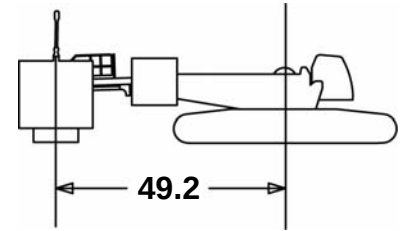
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
140	61.5	314.4	126,400	145,600*									140
145	59.9	311.5	120,800	145,600*									145
150	58.2	308.4	115,600	141,300*									150
155	56.4	305.1	110,800	136,300*									155
160	54.6	301.6	106,300	131,300*									160
165	52.8	297.8	102,000	125,200*	56.9	302.2	95,600	131,800*					165
170	50.9	293.8	98,100	119,100*	55.2	298.8	91,800	131,500*					170
175	49.0	289.5	94,300	113,400*	53.4	295.1	88,300	127,100*					175
180	47.0	284.8	90,800	108,100*	51.5	291.1	84,900	121,100*					180
185	45.0	279.9	87,500	103,200*	49.6	286.9	81,800	115,300*					185
190	42.9	274.5	84,300	98,600*	47.6	282.4	78,800	109,900*	51.9	287.1	73,400	120,900*	190
195	40.6	268.8	81,300	94,300*	45.6	277.5	76,000	104,900*	50.0	283.0	70,700	116,800*	195
200	38.3	262.6	78,500	90,300*	43.5	272.3	73,300	100,300*	48.1	278.5	68,200	111,300*	200
205	35.9	255.8	75,700	86,500*	41.3	266.7	70,700	95,900*	46.1	273.7	65,800	106,200*	205
210	33.2	248.3	73,200	82,900*	39.0	260.6	68,300	91,800*	44.0	268.6	63,500	101,500*	210
215	30.4	240.0	70,700	79,600*	36.6	254.0	65,900	87,900*	41.8	263.1	61,300	97,100*	215
220	27.3	230.6	68,300	76,300*	34.1	246.7	63,700	84,300*	39.6	257.1	59,200	92,900*	220
225					31.3	238.7	61,600	80,900*	37.2	250.6	57,100	89,100*	225
230					28.3	229.7	59,500	77,600*	34.6	243.5	55,200	85,400*	230
235					25.0	219.4	57,500	74,500*	31.9	235.7	53,400	81,900*	235
240					21.1	207.2	55,600	71,500*	29.0	226.9	51,600	78,600*	240
245					16.4	191.8	53,700	68,600*	25.8	217.0	49,800	75,500*	245
250					9.6	168.8	51,800	65,700*	22.1	205.3	48,200	72,500*	250
255									17.6	190.8	46,500	69,600*	255
260									11.5	170.4	44,900	66,700*	260



Liftcrane Luffing Jib Capacities

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

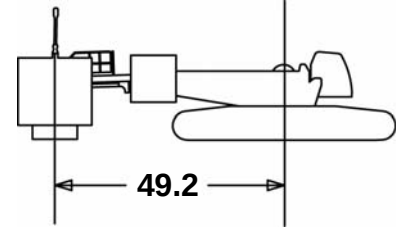
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



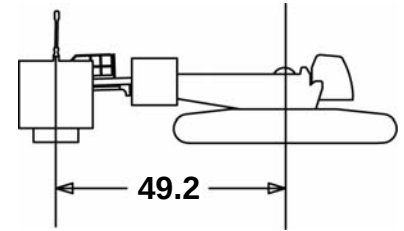
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
160	58.3	325.4	104,500	121,200*									160
165	56.7	322.1	100,200	121,200*									165
170	55.1	318.6	96,300	116,500*									170
175	53.4	315.0	92,500	111,100*	57.2	319.2	86,400	110,800*					175
180	51.8	311.0	89,000	106,100*	55.6	315.8	83,000	110,800*					180
185	50.0	306.9	85,700	101,300*	53.9	312.2	79,900	110,800*					185
190	48.3	302.4	82,500	96,700*	52.3	308.3	76,900	107,900*					190
195	46.5	297.7	79,600	92,500*	50.6	304.2	74,100	102,900*					195
200	44.6	292.7	76,700	88,500*	48.8	299.9	71,400	98,300*	52.7	304.3	66,200	101,500*	200
205	42.6	287.3	74,000	84,800*	47.0	295.3	68,900	94,000*	51.0	300.3	63,800	101,500*	205
210	40.6	281.5	71,500	81,300*	45.2	290.3	66,400	89,900*	49.2	296.0	61,500	99,500*	210
215	38.5	275.4	69,000	78,000*	43.2	285.1	64,100	86,200*	47.4	291.5	59,300	95,100*	215
220	36.3	268.6	66,700	74,900*	41.2	279.4	61,900	82,600*	45.6	286.6	57,200	91,000*	220
225	34.0	261.4	64,400	71,900*	39.2	273.4	59,800	79,200*	43.7	281.4	55,300	87,200*	225
230					37.0	266.8	57,800	76,100*	41.7	275.9	53,300	83,600*	230
235					34.7	259.7	55,800	73,000*	39.6	269.9	51,500	80,200*	235
240					32.2	251.9	54,000	70,200*	37.5	263.5	49,800	77,000*	240
245					29.6	243.4	52,200	67,500*	35.2	256.5	48,100	74,000*	245
250					26.7	233.8	50,500	64,900*	32.8	248.9	46,500	71,100*	250
255					23.5	222.8	48,800	62,400*	30.2	240.5	44,900	68,300*	255
260					19.9	209.7	47,100	60,000*	27.4	231.1	43,400	65,700*	260
265					15.3	193.3	45,500	57,600*	24.3	220.5	41,900	63,200*	265
270					8.5	168.0	43,900	55,100*	20.7	208.0	40,500	60,800*	270
275									16.4	192.5	39,000	58,400*	275
280									10.4	170.4	37,600	56,000*	280



Liftcrane Luffing Jib Capacities

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

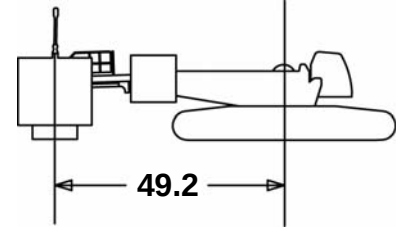
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



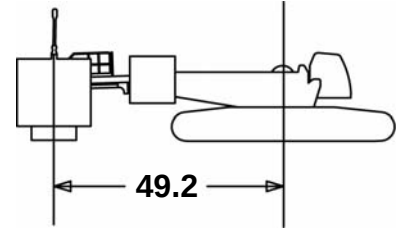
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
175	56.9	339.1	90,800	101,300*									175
180	55.5	335.7	87,300	101,300*									180
185	54.0	332.0	84,000	100,200*	57.4	336.2	78,000	92,300*					185
190	52.4	328.2	80,900	95,900*	55.9	332.8	75,100	92,300*					190
195	50.9	324.2	77,900	91,900*	54.4	329.3	72,300	92,300*					195
200	49.3	319.9	75,100	87,900*	52.9	325.5	69,600	92,300*					200
205	47.6	315.4	72,400	84,100*	51.4	321.5	67,100	92,300*					205
210	46.0	310.6	69,800	80,600*	49.8	317.3	64,700	89,300*					210
215	44.2	305.5	67,400	77,300*	48.1	312.9	62,400	85,500*	51.7	317.5	57,400	85,200*	215
220	42.4	300.1	65,100	74,100*	46.5	308.2	60,200	81,900*	50.1	313.4	55,400	85,200*	220
225	40.6	294.3	62,900	71,100*	44.8	303.1	58,100	78,500*	48.5	309.0	53,400	85,200*	225
230	38.7	288.1	60,800	68,300*	43.0	297.8	56,100	75,300*	46.9	304.4	51,500	82,800*	230
235	36.7	281.5	58,700	65,600*	41.2	292.2	54,200	72,200*	45.2	299.4	49,700	79,400*	235
240					39.3	286.1	52,300	69,400*	43.4	294.2	48,000	76,200*	240
245					37.3	279.6	50,600	66,600*	41.6	288.6	46,300	73,100*	245
250					35.2	272.7	48,900	64,000*	39.7	282.6	44,700	70,200*	250
255					33.0	265.1	47,200	61,500*	37.7	276.3	43,200	67,400*	255
260					30.6	256.8	45,600	59,200*	35.7	269.4	41,700	64,800*	260
265					28.1	247.7	44,100	56,900*	33.5	262.0	40,200	62,300*	265
270					25.4	237.5	42,600	54,700*	31.2	253.9	38,900	59,900*	270
275					22.3	225.9	41,200	52,600*	28.7	245.0	37,500	57,600*	275
280					18.7	212.0	39,800	50,600*	26.0	235.1	36,200	55,400*	280
285					14.3	194.5	38,400	48,500*	23.0	223.8	35,000	53,300*	285
290					7.5	166.8	37,000	46,400*	19.6	210.5	33,700	51,300*	290
295									15.4	194.0	32,500	49,300*	295
300									9.5	170.1	31,200	47,200*	300



Liftcrane Luffing Jib Capacities

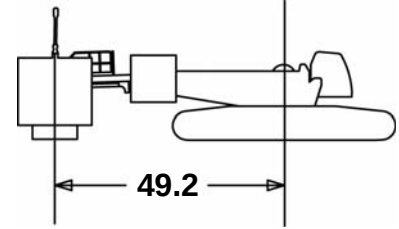
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 49.2 ft Position

360 Degree Rating



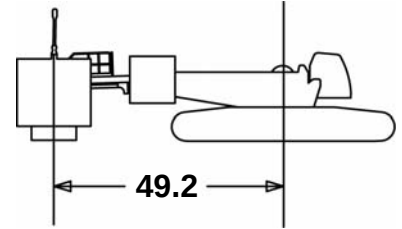
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

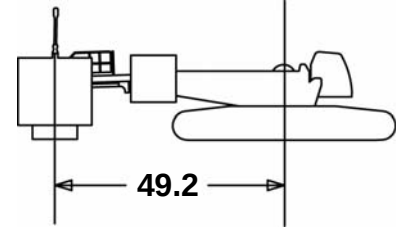
137.8 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
200	53.0	345.4	73,600	84,600*	56.2	349.8	68,000	77,300*					200
205	51.6	341.4	70,900	82,500*	54.8	346.3	65,500	77,300*					205
210	50.1	337.3	68,400	79,000*	53.4	342.6	63,100	77,300*					210
215	48.6	332.9	66,000	75,700*	52.0	338.7	60,800	77,300*					215
220	47.1	328.3	63,600	72,500*	50.6	334.7	58,600	77,300*					220
225	45.5	323.4	61,400	69,600*	49.1	330.4	56,500	76,800*	52.3	334.8	51,700	71,000*	225
230	43.9	318.3	59,300	66,800*	47.6	325.8	54,500	73,700*	50.9	330.7	49,900	71,000*	230
235	42.3	312.8	57,300	64,200*	46.0	321.0	52,600	70,700*	49.4	326.5	48,100	71,000*	235
240					44.4	316.0	50,800	67,800*	47.9	322.0	46,300	71,000*	240
245					42.8	310.6	49,100	65,200*	46.4	317.2	44,700	71,000*	245
250					41.1	304.9	47,400	62,600*	44.8	312.2	43,100	68,600*	250
255					39.3	298.9	45,800	60,200*	43.2	307.0	41,600	65,900*	255
260					37.5	292.5	44,200	57,900*	41.5	301.3	40,100	63,400*	260
265					35.6	285.6	42,700	55,700*	39.7	295.4	38,700	60,900*	265
270					33.6	278.2	41,300	53,500*	37.9	289.0	37,400	58,600*	270
275					31.5	270.2	39,900	51,500*	36.1	282.3	36,000	56,300*	275
280					29.2	261.4	38,500	49,600*	34.1	275.0	34,800	54,200*	280
285					26.8	251.8	37,200	47,700*	32.0	267.1	33,500	52,200*	285
290					24.2	241.0	35,900	45,900*	29.8	258.6	32,300	50,200*	290
295					21.2	228.7	34,700	44,100*	27.4	249.2	31,200	48,300*	295
300					17.7	214.1	33,400	42,300*	24.8	238.7	30,100	46,500*	300
305					13.4	195.4	32,200	40,600*	21.9	226.8	29,000	44,700*	305
310					6.5	165.1	30,900	38,800*	18.6	212.8	27,900	43,000*	310
315									14.5	195.3	26,800	41,300*	315
320									8.6	169.4	25,700	39,500*	320



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



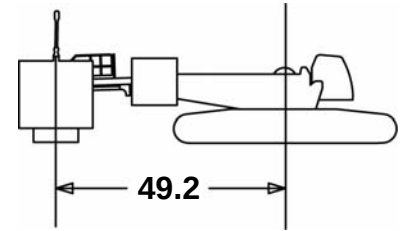
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
220	50.8	354.6	61,800	69,500*	53.9	359.7	56,700	64,600*					220
225	49.5	350.3	59,600	68,000*	52.6	355.9	54,600	64,600*					225
230	48.1	345.9	57,500	65,200*	51.2	351.9	52,600	64,600*					230
235	46.7	341.2	55,500	62,600*	49.9	347.7	50,700	64,600*	52.9	351.9	46,000	58,900*	235
240	45.2	336.2	53,600	60,100*	48.5	343.4	48,900	64,600*	51.5	348.0	44,300	58,900*	240
245	43.7	331.1	51,800	57,700*	47.1	338.7	47,200	63,600*	50.2	343.8	42,700	58,900*	245
250					45.6	333.9	45,500	61,000*	48.8	339.5	41,100	58,900*	250
255					44.1	328.7	43,900	58,600*	47.4	334.9	39,600	58,900*	255
260					42.6	323.4	42,300	56,300*	46.0	330.1	38,100	58,900*	260
265					41.0	317.7	40,900	54,100*	44.5	325.0	36,700	58,900*	265
270					39.4	311.6	39,400	52,000*	43.0	319.7	35,400	57,000*	270
275					37.7	305.2	38,100	50,000*	41.4	314.1	34,100	54,800*	275
280					36.0	298.5	36,700	48,100*	39.8	308.1	32,900	52,700*	280
285					34.1	291.2	35,400	46,300*	38.1	301.8	31,600	50,600*	285
290					32.2	283.4	34,200	44,500*	36.4	295.1	30,500	48,700*	290
295					30.2	274.9	33,000	42,700*	34.6	288.0	29,300	46,900*	295
300					28.0	265.7	31,800	41,100*	32.7	280.3	28,200	45,100*	300
305					25.7	255.6	30,700	39,500*	30.6	272.0	27,200	43,300*	305
310					23.1	244.3	29,500	37,900*	28.5	263.0	26,100	41,700*	310
315					20.2	231.3	28,500	36,400*	26.2	253.1	25,100	40,000*	315
320					16.8	215.9	27,400	34,900*	23.7	242.1	24,100	38,500*	320
325					12.6	196.1	26,300	33,400*	20.9	229.6	23,200	36,900*	325
330					5.5	162.7	25,100	31,600*	17.6	214.8	22,200	35,400*	330
335									13.6	196.3	21,300	34,000*	335
340									7.8	168.4	20,300	32,400*	340

Liftcrane Luffing Jib Capacities

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

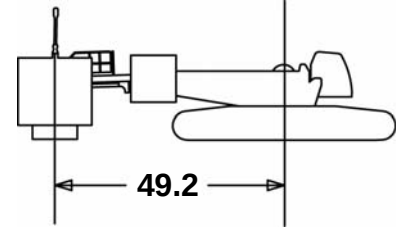
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



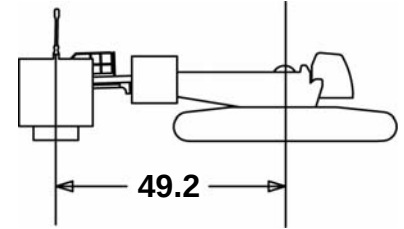
16000 MAX-ER

157.5 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70	66.0	235.7	317,700	368,900* ^b	70
75	61.8	233.0	292,900	356,500* ^b	75
80	57.5	229.9	271,400	345,100* ^b	80
85	53.0	226.2	252,700	324,300*	85
90	48.2	221.8	236,100	300,200*	90
95	42.9	216.5	221,500	277,700*	95
100	37.0	210.1	208,300	253,700*	100
105	30.1	202.0	196,300	232,900*	105
110	21.0	190.6	185,400	214,500*	110
115					115
120					120
125					125
130					130
135					135
140					140
145					145
150					150

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
70													70
75													75
80													80
85													85
90	60.6	228.9	223,600	324,700*b									90
95	56.2	225.6	209,700	307,200*b									95
100	51.6	221.6	197,300	291,500*									100
105	46.6	217.0	186,200	276,900*									105
110	41.2	211.5	176,100	263,300*	54.5	219.8	166,300	256,300*					110
115	35.0	204.6	166,800	247,900*	49.8	215.6	157,600	244,300*					115
120	27.6	195.8	158,300	228,000*	44.7	210.7	149,700	233,300*	52.4	212.4	134,100	217,100*	120
125	17.3	182.4	150,200	210,100*	39.0	204.7	142,400	223,100*	47.5	207.9	127,800	208,000*	125
130					32.5	197.2	135,600	213,700*	42.2	202.5	121,900	199,600*	130
135					24.3	187.2	129,200	204,900*	36.2	196.0	116,500	191,800*	135
140					10.9	169.4	123,000	196,600*	29.0	187.6	111,300	184,000	140
145									19.5	175.4	106,400	176,500	145
150													150

Liftcrane Luffing Jib Capacities

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

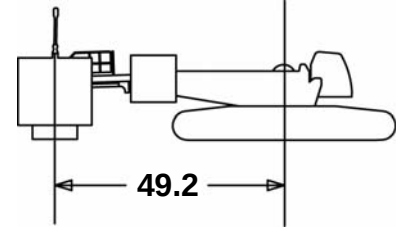
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



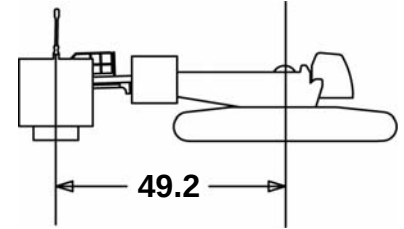
16000 MAX-ER

157.5 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	67.9	255.0	292,500	329,400*b	75
80	64.7	252.7	271,000	319,300*b	80
85	61.4	250.0	252,300	309,800*	85
90	57.9	246.9	235,800	300,900*	90
95	54.4	243.3	221,200	283,500*	95
100	50.6	239.3	208,100	259,400*	100
105	46.6	234.6	196,400	238,700*	105
110	42.4	229.3	185,700	220,800*	110
115	37.7	223.0	176,100	205,000*	115
120	32.4	215.4	167,200	191,000*	120
125	26.2	206.0	159,000	178,400*	125
130					130
135					135
140					140
145					145
150					150
155					155
160					160
165					165
170					170

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75													75
80													80
85													85
90													90
95													95
100	60.3	245.8	196,500	290,200*									100
105	56.9	242.6	185,500	275,800*									105
110	53.3	238.9	175,400	262,300*									110
115	49.4	234.7	166,300	250,000*									115
120	45.4	229.8	158,000	233,700*	55.5	236.9	148,700	232,100*					120
125	41.0	224.2	150,300	216,500*	51.9	233.0	141,500	222,000*					125
130	36.2	217.6	143,300	201,300*	48.0	228.5	134,900	212,700*					130
135	30.7	209.6	136,700	187,700*	43.8	223.4	128,800	204,100*					135
140	24.0	199.2	130,500	175,500*	39.3	217.5	123,100	196,100*	50.1	225.5	115,500	190,600*	140
145	14.4	183.6	124,600	164,000*	34.2	210.4	117,700	188,700*	46.1	220.7	110,500	183,100	145
150					28.4	201.7	112,700	181,200	41.8	215.3	105,900	175,800	150
155					21.0	190.0	108,000	171,800*	37.1	208.9	101,500	169,100	155
160					8.1	168.4	103,200	158,500*	31.7	201.1	97,400	162,700	160
165									25.3	191.3	93,500	156,800	165
170									16.5	177.1	89,600	151,100	170

Liftcrane Luffing Jib Capacities

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

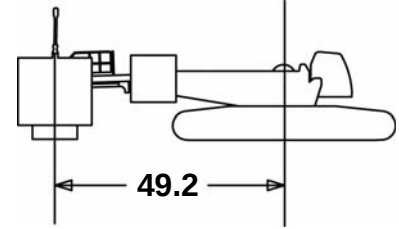
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



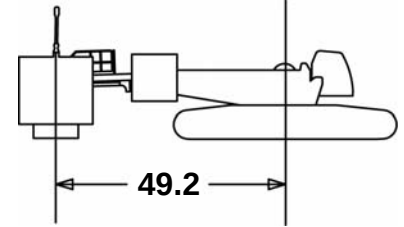
16000 MAX-ER

157.5 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	66.5	272.1	251,100	287,600*	85
90	63.8	269.7	234,600	279,900*	90
95	61.0	266.9	220,000	272,500*	95
100	58.2	263.8	207,000	261,100*	100
105	55.3	260.4	195,200	240,400*	105
110	52.2	256.6	184,700	222,400*	110
115	49.0	252.3	175,000	206,700*	115
120	45.6	247.4	166,300	192,900*	120
125	42.0	242.0	158,200	180,500*	125
130	38.2	235.8	150,800	169,400*	130
135					135
140					140
145					145
150					150
155					155
160					160
165					165
170					170
175					175
180					180
185					185
190					190

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85													85
90													90
95													95
100													100
105	63.0	265.6	183,800	274,000*									105
110	60.2	262.8	173,800	260,600*									110
115	57.3	259.6	164,700	248,400*									115
120	54.3	256.0	156,500	235,200*									120
125	51.2	252.1	148,900	218,000*									125
130	48.0	247.6	141,900	202,900*	56.2	253.9	133,100	211,000*					130
135	44.6	242.6	135,500	189,500*	53.2	250.2	127,000	202,400*					135
140	40.9	236.9	129,500	177,600*	50.1	246.0	121,400	194,500*					140
145	36.9	230.5	123,900	166,800*	46.7	241.4	116,200	187,100*					145
150	32.5	222.9	118,700	157,100*	43.2	236.2	111,300	179,900	51.8	242.8	104,000	174,200	150
155	27.5	213.8	113,800	148,200*	39.5	230.2	106,700	173,000	48.6	238.4	99,700	167,500	155
160	21.3	202.1	109,100	139,900*	35.4	223.4	102,500	163,600*	45.2	233.6	95,700	161,200	160
165	12.3	184.1	104,600	130,700*	30.8	215.3	98,400	154,200*	41.6	228.0	91,900	155,400	165
170					25.4	205.4	94,600	145,600*	37.6	221.7	88,400	149,900	170
175					18.5	192.2	90,800	137,500*	33.3	214.4	85,000	144,700	175
180					5.5	165.9	87,000	125,900*	28.4	205.6	81,800	139,800	180
185									22.5	194.4	78,700	135,200	185
190									14.3	178.2	75,600	130,700	190

Liftcrane Luffing Jib Capacities

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

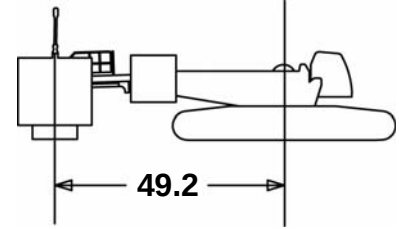
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



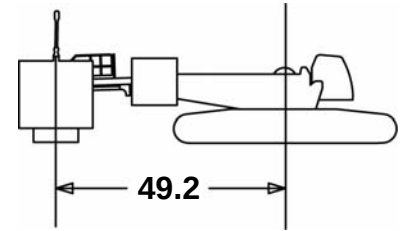
16000 MAX-ER

157.5 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95	65.5	289.2	219,100	252,800*	95
100	63.2	286.6	206,000	246,800*	100
105	60.8	283.9	194,300	241,000*	105
110	58.4	280.8	183,700	223,500*	110
115	55.9	277.4	174,100	207,800*	115
120	53.3	273.7	165,400	193,800*	120
125	50.6	269.7	157,300	181,500*	125
130	47.8	265.2	150,000	170,400*	130
135	44.9	260.2	143,100	160,400*	135
140					140
145					145
150					150
155					155
160					160
165					165
170					170
175					175
180					180
185					185
190					190
195					195
200					200
205					205
210					210

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95													95
100													100
105													105
110													110
115	62.5	282.6	163,500	245,500*									115
120	60.1	279.7	155,300	235,800*									120
125	57.6	276.6	147,700	219,000*									125
130	55.1	273.1	140,700	203,800*									130
135	52.5	269.3	134,300	190,400*									135
140	49.8	265.1	128,400	178,400*	56.7	270.9	120,000	193,100*					140
145	46.9	260.5	122,900	167,700*	54.1	267.3	114,800	185,800*					145
150	44.0	255.4	117,700	158,100*	51.5	263.4	110,000	178,700					150
155	40.8	249.7	112,900	149,300*	48.7	259.0	105,500	171,800					155
160	37.5	243.3	108,400	141,300*	45.9	254.2	101,300	164,400*	52.9	260.0	94,200	159,900	160
165	33.8	236.0	104,200	133,900*	42.8	248.9	97,300	155,100*	50.3	255.9	90,500	154,100	165
170	29.7	227.6	100,200	127,100*	39.6	243.0	93,600	146,600*	47.4	251.4	87,000	148,700	170
175	25.0	217.5	96,400	120,700*	36.1	236.3	90,000	138,900*	44.5	246.3	83,700	143,500	175
180	19.2	204.5	92,700	114,700*	32.3	228.7	86,700	131,700*	41.4	240.8	80,600	138,700	180
185	10.5	184.1	89,100	106,800*	28.1	219.7	83,500	125,100*	38.1	234.5	77,600	134,200	185
190					23.0	208.7	80,400	118,900*	34.4	227.4	74,800	129,900	190
195					16.6	193.9	77,500	113,000*	30.5	219.2	72,100	125,800	195
200									25.9	209.4	69,600	121,900	200
205									20.3	197.1	67,100	116,600*	205
210									12.5	178.8	64,600	110,800*	210

Liftcrane Luffing Jib Capacities

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

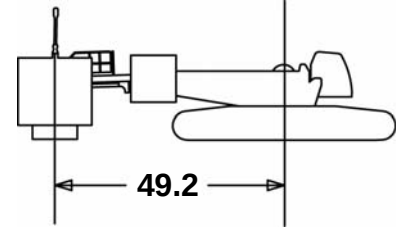
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



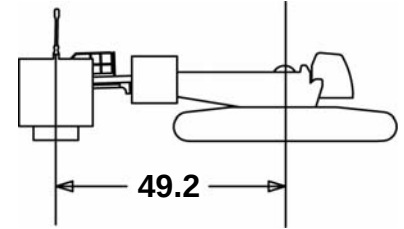
16000 MAX-ER

157.5 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	64.8	306.2	192,800	220,300*	105
110	62.7	303.6	182,200	217,300*	110
115	60.6	300.8	172,600	207,200*	115
120	58.5	297.8	163,900	193,300*	120
125	56.3	294.5	155,900	181,000*	125
130	54.1	290.9	148,500	169,900*	130
135	51.8	287.0	141,700	160,000*	135
140	49.4	282.7	135,400	151,000*	140
145					145
150					150
155					155
160					160
165					165
170					170
175					175
180					180
185					185
190					190
195					195
200					200
205					205
210					210
215					215
220					220
225					225
230					230

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

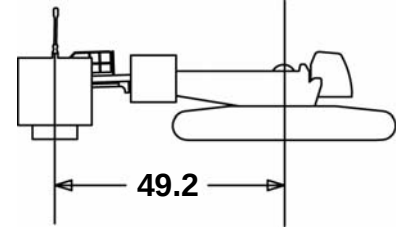
157.5 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105													105
110													110
115													115
120													120
125	62.1	299.5	145,900	201,300*									125
130	60.0	296.7	139,000	201,300*									130
135	57.9	293.5	132,600	189,800*									135
140	55.7	290.1	126,700	177,900*									140
145	53.4	286.5	121,200	167,200*									145
150	51.1	282.5	116,100	157,500*	57.1	287.9	108,000	177,000					150
155	48.7	278.1	111,300	148,800*	54.8	284.4	103,600	170,100					155
160	46.2	273.4	106,800	140,800*	52.5	280.6	99,400	163,700					160
165	43.5	268.1	102,600	133,500*	50.2	276.5	95,500	154,500*					165
170	40.8	262.4	98,700	126,800*	47.7	272.0	91,800	146,100*					170
175	37.8	256.1	95,000	120,600*	45.2	267.1	88,300	138,400*	51.5	273.2	81,700	141,800	175
180	34.7	249.1	91,500	114,900*	42.5	261.7	85,000	131,300*	49.1	268.9	78,600	137,000	180
185	31.3	241.1	88,100	109,500*	39.7	255.8	81,900	124,800*	46.6	264.2	75,700	132,500	185
190	27.4	231.8	85,000	104,500*	36.7	249.2	78,900	118,800*	44.0	259.1	72,900	128,300	190
195	23.0	220.7	81,900	99,700*	33.5	241.8	76,100	113,200*	41.3	253.5	70,300	124,200	195
200	17.5	206.5	79,000	95,200*	29.9	233.4	73,400	108,000*	38.4	247.3	67,800	120,400	200
205	8.9	183.5	76,000	88,100*	25.9	223.6	70,800	103,100*	35.2	240.4	65,400	116,600*	205
210					21.1	211.5	68,400	98,400*	31.9	232.6	63,200	111,200*	210
215					15.0	195.3	65,900	93,900*	28.1	223.6	61,000	106,100*	215
220									23.8	212.9	58,900	101,300*	220
225									18.6	199.3	56,800	96,800*	225
230									11.0	179.0	54,700	92,300*	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



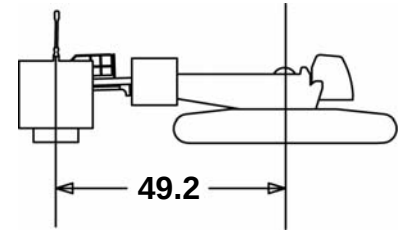
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
125													125
130													130
135	61.8	316.5	131,200	165,600*									135
140	59.9	313.6	125,300	165,600*									140
145	58.0	310.5	119,800	165,600*									145
150	56.1	307.2	114,700	157,300*									150
155	54.1	303.6	109,900	148,500*									155
160	52.1	299.7	105,500	140,500*	57.3	304.9	97,900	150,100*					160
165	50.0	295.5	101,300	133,200*	55.4	301.5	93,900	150,100*					165
170	47.8	291.0	97,400	126,500*	53.4	297.8	90,300	145,800*					170
175	45.5	286.2	93,700	120,300*	51.3	293.8	86,800	138,000*					175
180	43.2	280.9	90,200	114,600*	49.2	289.5	83,500	131,000*					180
185	40.7	275.2	86,900	109,300*	47.0	284.9	80,500	124,500*	52.4	290.4	74,100	131,200	185
190	38.1	268.9	83,800	104,400*	44.7	279.9	77,500	118,500*	50.3	286.3	71,400	126,900	190
195	35.4	262.0	80,900	99,700*	42.3	274.4	74,800	112,900*	48.2	281.9	68,800	122,900	195
200	32.4	254.3	78,000	95,400*	39.8	268.5	72,100	107,800*	45.9	277.1	66,300	119,100	200
205	29.2	245.6	75,300	91,300*	37.1	262.0	69,600	102,900*	43.6	271.9	64,000	115,500	205
210	25.5	235.6	72,700	87,400*	34.3	254.9	67,200	98,400*	41.2	266.2	61,800	110,800*	210
215	21.3	223.6	70,300	83,700*	31.2	246.8	64,900	94,200*	38.6	260.1	59,600	105,800*	215
220	16.1	208.1	67,800	80,100*	27.9	237.7	62,700	90,200*	35.9	253.3	57,600	101,100*	220
225	7.6	182.3	65,300	73,600*	24.1	227.1	60,600	86,400*	32.9	245.7	55,600	96,800*	225
230					19.6	214.0	58,500	82,700*	29.7	237.3	53,700	92,600*	230
235					13.6	196.2	56,500	79,200*	26.2	227.5	51,900	88,800*	235
240									22.1	215.9	50,100	85,000*	240
245									17.1	201.2	48,400	81,500*	245
250									9.6	178.7	46,600	77,900*	250



Liftcrane Luffing Jib Capacities

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

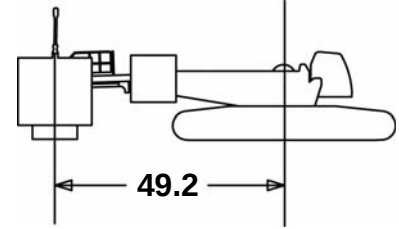
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



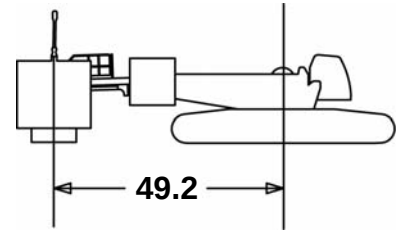
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

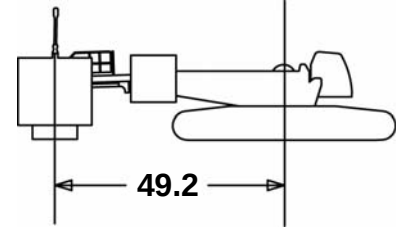
157.5 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
145	61.6	333.5	117,900	136,500*									145
150	59.9	330.6	112,900	136,500*									150
155	58.2	327.5	108,100	136,500*									155
160	56.4	324.2	103,700	135,000*									160
165	54.7	320.7	99,500	130,400*									165
170	52.8	316.9	95,600	125,300*	57.5	321.9	88,300	122,900*					170
175	51.0	312.9	92,000	119,200*	55.8	318.5	84,800	122,900*					175
180	49.1	308.6	88,500	113,500*	54.0	314.9	81,600	122,900*					180
185	47.1	304.0	85,200	108,200*	52.2	311.0	78,500	122,900*					185
190	45.0	299.0	82,100	103,300*	50.3	306.9	75,600	117,300*					190
195	42.9	293.7	79,200	98,700*	48.3	302.5	72,900	111,800*					195
200	40.7	287.9	76,400	94,400*	46.3	297.7	70,300	106,600*	51.3	303.6	64,300	114,100*	200
205	38.4	281.7	73,800	90,400*	44.2	292.6	67,800	101,800*	49.4	299.4	62,000	113,800	205
210	35.9	274.9	71,200	86,600*	42.1	287.2	65,400	97,400*	47.4	294.8	59,800	109,600*	210
215	33.3	267.5	68,800	83,000*	39.8	281.3	63,200	93,200*	45.4	289.9	57,700	104,600*	215
220	30.5	259.2	66,500	79,600*	37.5	274.8	61,000	89,200*	43.3	284.7	55,600	100,000*	220
225	27.4	249.9	64,300	76,400*	35.0	267.8	59,000	85,500*	41.1	279.0	53,700	95,700*	225
230	23.9	239.1	62,100	73,300*	32.3	260.1	57,000	82,000*	38.8	272.9	51,900	91,600*	230
235	19.9	226.2	60,100	70,400*	29.4	251.4	55,100	78,700*	36.3	266.2	50,100	87,800*	235
240	14.8	209.4	58,000	67,500*	26.2	241.6	53,200	75,600*	33.8	258.8	48,400	84,200*	240
245					22.5	230.2	51,500	72,500*	31.0	250.7	46,800	80,800*	245
250					18.2	216.2	49,700	69,600*	28.0	241.6	45,200	77,500*	250
255					12.4	196.9	48,000	66,700*	24.6	231.1	43,700	74,500*	255
260									20.7	218.6	42,200	71,500*	260
265									15.8	202.8	40,700	68,600*	265
270									8.4	177.9	39,100	65,700*	270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



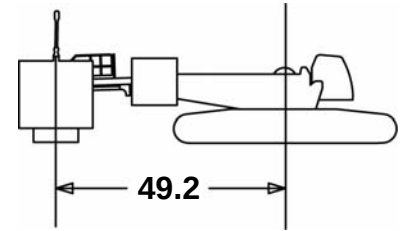
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
160	59.9	347.5	101,800	113,600*									160
165	58.3	344.5	97,700	113,600*									165
170	56.7	341.2	93,800	113,600*									170
175	55.1	337.7	90,100	113,600*									175
180	53.5	334.0	86,700	111,800*	57.7	338.9	79,600	103,700*					180
185	51.8	330.1	83,400	106,800*	56.1	335.5	76,600	103,700*					185
190	50.1	326.0	80,300	101,900*	54.5	332.0	73,700	103,700*					190
195	48.3	321.5	77,400	97,300*	52.9	328.2	70,900	103,700*					195
200	46.5	316.8	74,600	93,000*	51.2	324.2	68,400	103,700*					200
205	44.6	311.8	72,000	89,000*	49.4	319.9	65,900	100,400*					205
210	42.7	306.4	69,500	85,200*	47.6	315.4	63,500	95,900*	52.1	320.8	57,700	95,800*	210
215	40.7	300.7	67,100	81,700*	45.8	310.6	61,300	91,700*	50.4	316.7	55,600	95,800*	215
220	38.5	294.5	64,800	78,400*	43.9	305.4	59,200	87,800*	48.6	312.4	53,600	95,800*	220
225	36.3	287.8	62,600	75,200*	41.9	299.9	57,100	84,200*	46.8	307.7	51,700	94,200*	225
230	34.0	280.5	60,500	72,200*	39.9	294.0	55,200	80,700*	44.9	302.7	49,900	90,100*	230
235	31.5	272.5	58,500	69,400*	37.7	287.6	53,300	77,500*	43.0	297.4	48,200	86,400*	235
240	28.8	263.7	56,600	66,700*	35.5	280.7	51,500	74,400*	41.0	291.7	46,500	82,800*	240
245	25.9	253.7	54,700	64,100*	33.1	273.2	49,800	71,400*	38.9	285.6	44,900	79,400*	245
250	22.6	242.2	52,900	61,600*	30.5	265.0	48,100	68,600*	36.7	279.0	43,300	76,300*	250
255	18.7	228.4	51,100	59,200*	27.8	255.7	46,500	66,000*	34.4	271.9	41,800	73,300*	255
260	13.7	210.4	49,400	56,800*	24.7	245.3	44,900	63,400*	32.0	264.0	40,400	70,400*	260
265					21.2	233.1	43,400	61,000*	29.3	255.3	39,000	67,700*	265
270					17.0	218.0	41,900	58,600*	26.4	245.6	37,700	65,100*	270
275					11.3	197.2	40,400	56,200*	23.2	234.4	36,300	62,600*	275
280									19.4	221.1	35,100	60,200*	280
285									14.7	204.1	33,800	57,800*	285
290									7.3	176.6	32,400	55,300*	290



Liftcrane Luffing Jib Capacities

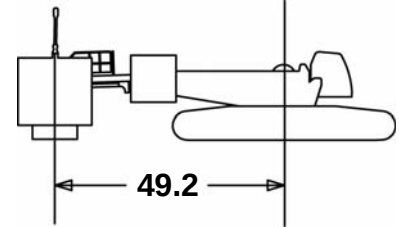
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 49.2 ft Position

360 Degree Rating



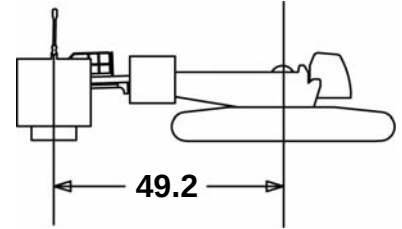
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

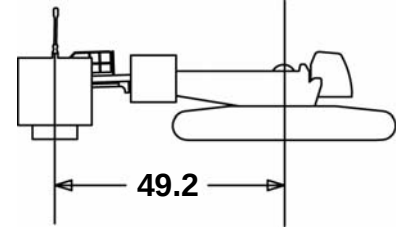
157.5 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
180	57.0	358.2	84,900	95,800*									180
185	55.5	354.8	81,600	95,800*									185
190	54.0	351.1	78,600	95,800*	57.9	355.8	71,700	87,100*					190
195	52.5	347.3	75,700	95,800*	56.4	352.5	69,000	87,100*					195
200	50.9	343.3	72,900	92,000*	54.9	349.0	66,400	87,100*					200
205	49.3	339.0	70,300	88,000*	53.4	345.3	64,000	87,100*					205
210	47.7	334.5	67,800	84,200*	51.9	341.4	61,700	87,100*					210
215	46.0	329.7	65,400	80,700*	50.3	337.3	59,400	87,100*					215
220	44.3	324.6	63,100	77,300*	48.7	332.9	57,300	86,800*	52.7	338.0	51,700	79,800*	220
225	42.5	319.2	61,000	74,200*	47.1	328.3	55,300	83,100*	51.2	334.0	49,800	79,800*	225
230	40.6	313.4	58,900	71,200*	45.4	323.4	53,400	79,600*	49.6	329.8	48,000	79,800*	230
235	38.7	307.3	56,900	68,300*	43.6	318.2	51,500	76,400*	48.0	325.3	46,200	79,800*	235
240	36.7	300.6	55,000	65,600*	41.8	312.7	49,700	73,300*	46.3	320.6	44,600	79,800*	240
245	34.6	293.5	53,200	63,100*	39.9	306.8	48,000	70,300*	44.6	315.5	43,000	78,300*	245
250	32.3	285.7	51,400	60,600*	38.0	300.4	46,400	67,500*	42.8	310.2	41,500	75,100*	250
255	30.0	277.3	49,700	58,300*	35.9	293.6	44,800	64,900*	41.0	304.5	40,000	72,100*	255
260	27.4	267.9	48,100	56,000*	33.8	286.3	43,300	62,400*	39.0	298.4	38,600	69,300*	260
265	24.5	257.3	46,500	53,800*	31.5	278.3	41,800	60,000*	37.0	291.9	37,200	66,500*	265
270	21.3	245.1	44,900	51,700*	29.0	269.5	40,400	57,700*	35.0	284.8	35,900	64,000*	270
275	17.6	230.5	43,400	49,700*	26.4	259.7	39,000	55,500*	32.7	277.2	34,600	61,500*	275
280	12.8	211.2	41,900	47,700*	23.4	248.6	37,700	53,300*	30.4	268.8	33,400	59,100*	280
285					20.0	235.6	36,400	51,300*	27.8	259.6	32,200	56,900*	285
290					16.0	219.6	35,100	49,200*	25.0	249.3	31,100	54,700*	290
295					10.4	197.2	33,800	47,200*	21.9	237.4	29,900	52,600*	295
300									18.3	223.3	28,800	50,600*	300
305									13.7	205.1	27,700	48,600*	305
310									6.2	174.7	26,500	46,400*	310



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



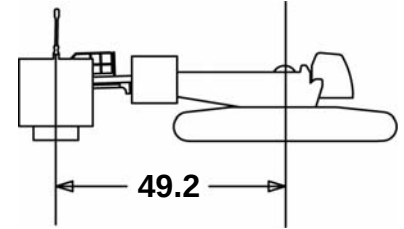
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
200	54.4	368.2	71,400	80,800*	58.0	372.8	64,800	73,200*					200
205	53.0	364.5	68,800	80,800*	56.7	369.5	62,400	73,200*					205
210	51.6	360.5	66,300	80,800*	55.3	366.1	60,000	73,200*					210
215	50.2	356.4	63,900	79,000*	53.9	362.4	57,800	73,200*					215
220	48.7	352.0	61,600	75,700*	52.5	358.6	55,700	73,200*					220
225	47.1	347.4	59,500	72,600*	51.1	354.6	53,700	73,200*					225
230	45.6	342.5	57,400	69,700*	49.6	350.4	51,800	73,200*					230
235	44.0	337.4	55,500	66,900*	48.1	345.9	49,900	73,200*	51.9	351.3	44,600	67,500*	235
240	42.3	331.9	53,600	64,200*	46.6	341.2	48,200	71,700*	50.4	347.1	42,900	67,500*	240
245	40.6	326.2	51,700	61,700*	45.0	336.2	46,500	68,800*	48.9	342.8	41,300	67,500*	245
250	38.8	320.0	50,000	59,300*	43.4	331.0	44,900	66,100*	47.4	338.2	39,800	67,500*	250
255	37.0	313.5	48,300	57,000*	41.7	325.4	43,300	63,500*	45.9	333.4	38,400	67,500*	255
260	35.1	306.4	46,700	54,800*	40.0	319.5	41,800	61,000*	44.3	328.3	37,000	67,500*	260
265	33.0	298.9	45,200	52,700*	38.2	313.2	40,300	58,700*	42.6	322.9	35,600	65,100*	265
270	30.9	290.7	43,700	50,700*	36.3	306.5	38,900	56,400*	40.9	317.2	34,300	62,500*	270
275	28.6	281.7	42,200	48,800*	34.3	299.3	37,600	54,300*	39.1	311.1	33,100	60,100*	275
280	26.1	271.8	40,800	46,900*	32.2	291.5	36,300	52,200*	37.3	304.7	31,900	57,800*	280
285	23.4	260.6	39,400	45,100*	30.0	283.0	35,000	50,200*	35.4	297.7	30,700	55,600*	285
290	20.3	247.8	38,100	43,300*	27.7	273.7	33,800	48,300*	33.4	290.3	29,600	53,500*	290
295	16.6	232.2	36,800	41,600*	25.1	263.4	32,600	46,500*	31.3	282.2	28,500	51,500*	295
300	11.9	211.7	35,400	39,900*	22.3	251.7	31,400	44,700*	29.0	273.4	27,400	49,600*	300
305					19.0	238.0	30,300	42,900*	26.5	263.6	26,400	47,700*	305
310					15.0	221.0	29,200	41,200*	23.8	252.7	25,300	45,900*	310
315					9.5	196.9	28,000	39,500*	20.8	240.2	24,300	44,100*	315
320									17.3	225.2	23,400	42,400*	320
325									12.8	205.9	22,400	40,700*	325
330									5.2	172.0	21,300	38,800*	330



Liftcrane Luffing Jib Capacities

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

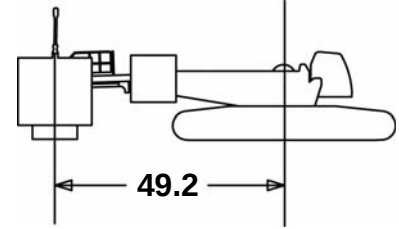
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



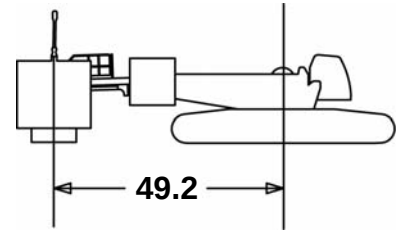
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
220	52.2	377.7	59,800	67,300*	55.6	383.1	53,700	61,600*					220
225	50.9	373.7	57,600	67,200*	54.3	379.5	51,700	61,600*					225
230	49.5	369.4	55,600	67,100*	53.0	375.8	49,800	61,600*					230
235	48.1	365.0	53,600	65,300*	51.7	371.8	47,900	61,600*					235
240	46.7	360.3	51,700	62,600*	50.4	367.7	46,200	61,600*					240
245	45.2	355.4	49,900	60,100*	49.0	363.4	44,500	61,600*	52.4	368.5	39,200	56,200*	245
250	43.7	350.2	48,200	57,800*	47.6	358.9	42,900	61,600*	51.1	364.4	37,700	56,200*	250
255	42.2	344.7	46,500	55,500*	46.1	354.1	41,300	61,600*	49.7	360.2	36,300	56,200*	255
260	40.6	338.9	44,900	53,300*	44.7	349.0	39,900	59,400*	48.3	355.8	34,900	56,200*	260
265	38.9	332.8	43,400	51,200*	43.2	343.8	38,400	57,100*	46.9	351.1	33,600	56,200*	265
270	37.2	326.3	41,900	49,300*	41.6	338.2	37,000	54,900*	45.5	346.3	32,300	56,200*	270
275	35.5	319.4	40,500	47,400*	40.0	332.3	35,700	52,700*	44.0	341.1	31,100	56,200*	275
280	33.6	311.9	39,100	45,500*	38.3	326.0	34,400	50,700*	42.4	335.7	29,900	56,200*	280
285	31.6	304.0	37,800	43,800*	36.6	319.4	33,200	48,800*	40.9	330.0	28,700	54,100*	285
290	29.6	295.3	36,500	42,100*	34.8	312.3	32,000	46,900*	39.2	323.9	27,600	52,000*	290
295	27.4	285.9	35,200	40,400*	32.9	304.6	30,800	45,100*	37.5	317.5	26,500	50,000*	295
300	24.9	275.5	34,000	38,800*	30.9	296.4	29,700	43,300*	35.8	310.6	25,500	48,100*	300
305	22.3	263.7	32,800	37,200*	28.8	287.5	28,600	41,700*	33.9	303.3	24,500	46,200*	305
310	19.3	250.2	31,600	35,700*	26.5	277.7	27,500	40,000*	32.0	295.4	23,500	44,500*	310
315	15.7	233.8	30,500	34,200*	24.0	266.9	26,500	38,400*	29.9	286.9	22,500	42,800*	315
320	11.1	211.9	29,300	32,700*	21.2	254.6	25,500	36,900*	27.7	277.6	21,600	41,100*	320
325					18.1	240.1	24,500	35,400*	25.4	267.4	20,700	39,500*	325
330					14.2	222.2	23,500	33,900*	22.8	255.9	19,800	38,000*	330
335					8.7	196.2	22,400	32,400*	19.8	242.7	18,900	36,400*	335
340									16.4	227.0	18,000	34,900*	340
345									12.0	206.4	17,200	33,500*	345
350									4.0	168.2	16,200	31,800*	350

Liftcrane Luffing Jib Capacities

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

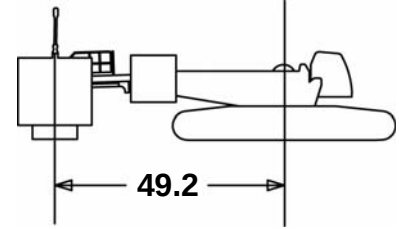
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



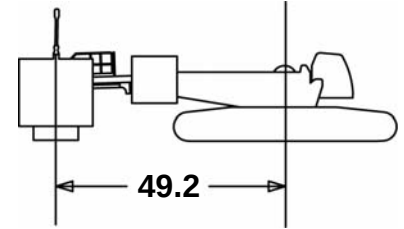
16000 MAX-ER

177.2 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	64.7	254.3	290,300	349,600*b	75
80	60.5	251.5	268,900	332,900*b	80
85	56.1	248.1	250,300	317,000*b	85
90	51.5	244.2	234,000	301,900*	90
95	46.5	239.6	219,400	285,500*	95
100	41.1	234.0	206,400	268,600*	100
105	34.9	227.2	194,600	246,800*	105
110	27.5	218.3	183,800	226,900*	110
115	17.1	204.9	173,800	202,200*	115
120					120
125					125
130					130
135					135
140					140
145					145
150					150
155					155
160					160

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75													75
80													80
85													85
90													90
95	60.6	247.9	205,600	303,300*b									95
100	56.3	244.6	193,500	287,700*b									100
105	51.7	240.7	182,500	273,400*									105
110	46.7	236.1	172,600	260,000*									110
115	41.3	230.6	163,600	247,800*	56.1	239.6	152,700	240,000*b					115
120	35.2	223.8	155,300	236,600*	51.5	235.6	145,000	229,200*					120
125	27.8	215.0	147,600	226,200*	46.5	231.0	138,000	219,300*					125
130	17.5	201.8	140,300	210,400*	41.0	225.4	131,500	210,100*					130
135					34.9	218.5	125,400	201,500*	50.8	228.8	116,600	195,200*	135
140					27.4	209.6	119,700	193,500*	45.8	224.1	111,400	187,500*	140
145					16.9	196.1	114,200	186,000*	40.2	218.3	106,500	180,000	145
150									33.9	211.2	102,000	172,900	150
155									26.2	201.9	97,600	166,100	155
160									14.8	187.1	93,300	159,700	160

Liftcrane Luffing Jib Capacities

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

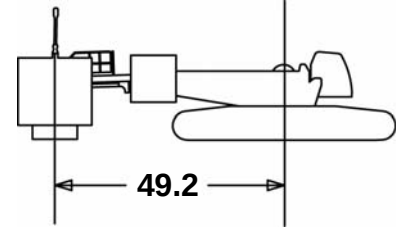
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



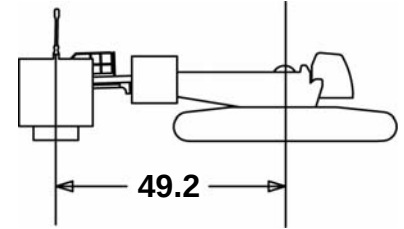
16000 MAX-ER

177.2 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80	66.9	273.7	268,400	317,800* ^b	80
85	63.6	271.2	249,800	304,700* ^b	85
90	60.3	268.4	233,500	291,900*	90
95	56.8	265.2	219,000	279,600*	95
100	53.2	261.5	206,000	267,800*	100
105	49.4	257.2	194,400	252,500*	105
110	45.3	252.4	183,800	232,800*	110
115	41.0	246.8	174,300	215,600*	115
120	36.1	240.1	165,500	200,400*	120
125	30.6	232.1	157,400	186,900*	125
130	23.9	221.7	149,900	174,600*	130
135					135
140					140
145					145
150					150
155					155
160					160
165					165
170					170
175					175
180					180

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
80													80
85													85
90													90
95													95
100													100
105	60.4	264.9	181,600	272,200*									105
110	56.9	261.7	171,800	258,900*									110
115	53.3	258.0	162,800	246,800*									115
120	49.5	253.8	154,700	235,600*									120
125	45.5	248.9	147,200	225,400*	56.8	256.6	136,800	218,000*					125
130	41.1	243.3	140,300	216,000*	53.2	252.9	130,400	208,900*					130
135	36.3	236.7	133,900	201,500*	49.4	248.6	124,500	200,500*					135
140	30.8	228.8	127,900	188,000*	45.3	243.8	119,000	192,600*					140
145	24.1	218.5	122,300	175,700*	40.9	238.1	113,900	185,300*	52.6	246.1	105,300	178,900	145
150	14.7	203.0	116,800	163,500*	36.1	231.5	109,000	178,100	48.8	241.8	100,900	171,800	150
155					30.5	223.4	104,500	171,300	44.7	236.8	96,700	165,200	155
160					23.8	213.0	100,200	164,800	40.3	231.1	92,800	159,100	160
165					14.1	197.1	96,000	158,700	35.3	224.3	89,200	153,300	165
170									29.7	215.9	85,600	147,800	170
175									22.7	205.1	82,300	142,700	175
180									12.1	187.5	78,900	137,700	180

Liftcrane Luffing Jib Capacities

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

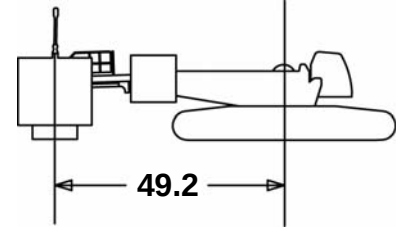
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



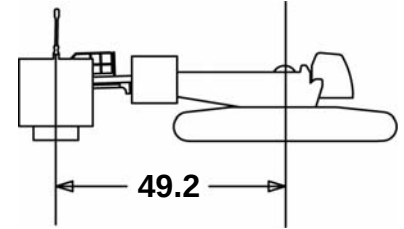
16000 MAX-ER

177.2 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	65.7	290.8	232,100	278,200*	90
95	62.9	288.2	217,600	268,000*	95
100	60.2	285.4	204,700	257,900*	100
105	57.3	282.2	193,100	248,200*	105
110	54.3	278.6	182,600	234,400*	110
115	51.2	274.6	173,100	217,200*	115
120	47.9	270.2	164,400	202,200*	120
125	44.5	265.2	156,400	188,800*	125
130	40.9	259.5	149,100	176,900*	130
135	36.9	253.0	142,300	166,100*	135
140	32.5	245.4	136,000	156,400*	140
145	27.4	236.3	130,100	147,500*	145
150	21.2	224.6	124,500	139,200*	150
155					155
160					160
165					165
170					170
175					175
180					180
185					185
190					190
195					195
200					200

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90													90
95													95
100													100
105													105
110													110
115	60.2	281.8	161,100	245,000*									115
120	57.4	278.7	153,000	233,900*									120
125	54.4	275.1	145,600	223,800*									125
130	51.3	271.1	138,700	214,400*									130
135	48.1	266.7	132,400	203,100*	57.2	273.6	122,500	198,600*					135
140	44.6	261.7	126,600	189,800*	54.3	270.0	117,100	190,800*					140
145	41.0	256.1	121,100	177,800*	51.2	266.0	112,000	183,600*					145
150	37.0	249.6	116,000	167,000*	47.9	261.6	107,300	176,600					150
155	32.6	242.1	111,200	157,300*	44.5	256.6	102,900	169,800					155
160	27.6	233.0	106,700	148,300*	40.8	250.9	98,800	163,500	50.7	259.2	90,900	157,300	160
165	21.5	221.4	102,400	140,000*	36.8	244.4	94,900	157,500	47.4	254.7	87,300	151,600	165
170	12.5	203.6	98,200	130,100*	32.4	236.8	91,200	152,000	44.0	249.6	83,900	146,300	170
175					27.4	227.6	87,700	146,700	40.3	243.8	80,700	141,200	175
180					21.2	215.9	84,300	140,200*	36.2	237.2	77,600	136,500	180
185					12.0	197.6	81,000	132,300*	31.8	229.4	74,800	132,000	185
190									26.6	220.0	72,000	127,700	190
195									20.1	207.7	69,300	123,700	195
200									9.9	187.3	66,500	119,700	200

Liftcrane Luffing Jib Capacities

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

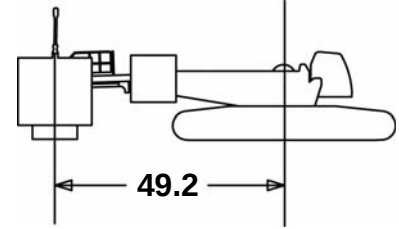
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



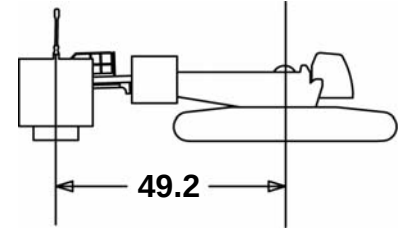
16000 MAX-ER

177.2 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95	67.1	310.1	216,600	252,100*	95
100	64.8	307.8	203,700	246,300*	100
105	62.4	305.2	192,100	238,300*	105
110	60.1	302.3	181,600	230,300*	110
115	57.6	299.2	172,100	218,300*	115
120	55.1	295.7	163,400	203,200*	120
125	52.5	291.9	155,500	189,800*	125
130	49.7	287.7	148,200	177,800*	130
135	46.9	283.1	141,400	167,100*	135
140	43.9	278.0	135,200	157,500*	140
145	40.8	272.3	129,400	148,700*	145
150	37.4	265.9	124,000	140,700*	150
155	33.7	258.6	118,900	133,300*	155
160					160
165					165
170					170
175					175
180					180
185					185
190					190
195					195
200					200
205					205
210					210
215					215
220					220

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95													95
100													100
105													105
110													110
115													115
120	62.5	301.6	151,700	232,500*									120
125	60.1	298.8	144,300	222,400*									125
130	57.7	295.6	137,400	213,100*									130
135	55.1	292.2	131,200	204,100*									135
140	52.5	288.4	125,300	190,600*									140
145	49.8	284.2	119,900	178,700*	57.6	290.6	110,600	182,200*					145
150	47.0	279.6	114,900	167,900*	55.0	287.1	105,900	175,300					150
155	44.0	274.5	110,200	158,200*	52.4	283.3	101,500	168,500					155
160	40.9	268.8	105,800	149,400*	49.7	279.1	97,500	162,300					160
165	37.5	262.5	101,700	141,400*	46.9	274.5	93,600	156,400					165
170	33.9	255.2	97,700	134,000*	43.9	269.3	90,000	150,800	52.1	276.5	82,400	144,900	170
175	29.8	246.8	94,000	127,200*	40.7	263.6	86,600	145,600	49.3	272.3	79,200	139,900	175
180	25.1	236.7	90,500	120,800*	37.4	257.2	83,400	140,800	46.5	267.6	76,200	135,200	180
185	19.3	223.8	87,100	114,800*	33.7	249.9	80,300	134,200*	43.5	262.4	73,400	130,800	185
190	10.7	203.7	83,800	106,300*	29.6	241.5	77,400	127,400*	40.3	256.6	70,700	126,600	190
195					24.9	231.3	74,600	121,000*	36.9	250.1	68,200	122,600	195
200					19.1	218.2	71,900	115,000*	33.2	242.6	65,800	118,900	200
205					10.2	197.4	69,100	109,100*	29.0	234.0	63,400	115,300	205
210									24.2	223.5	61,200	111,800	210
215									18.1	209.8	59,000	108,500	215
220									8.1	186.3	56,700	105,200	220

Liftcrane Luffing Jib Capacities

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

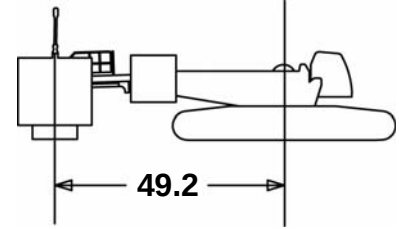
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



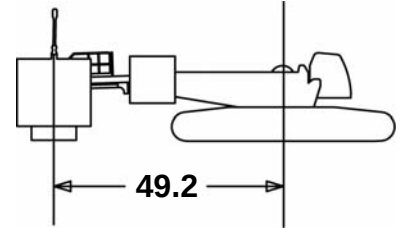
16000 MAX-ER

177.2 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
110	64.1	324.8	180,000	210,200*	110
115	62.1	322.1	170,500	210,200*	115
120	60.0	319.3	161,900	202,700*	120
125	57.8	316.1	153,900	189,300*	125
130	55.6	312.7	146,600	177,300*	130
135	53.4	309.0	139,900	166,700*	135
140	51.0	305.0	133,700	157,000*	140
145	48.6	300.7	127,900	148,300*	145
150	46.1	295.9	122,600	140,300*	150
155	43.5	290.7	117,500	133,000*	155
160	40.7	285.0	112,800	126,300*	160
165					165
170					170
175					175
180					180
185					185
190					190
195					195
200					200
205					205
210					210
215					215
220					220
225					225
230					230
235					235
240					240

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
110													110
115													115
120													120
125													125
130	62.1	318.6	135,500	192,200*									130
135	60.0	315.7	129,300	192,200*									135
140	57.9	312.6	123,500	190,000*									140
145	55.7	309.2	118,100	178,100*									145
150	53.4	305.5	113,100	167,400*									150
155	51.1	301.5	108,500	157,700*	57.8	307.5	99,500	166,800					155
160	48.7	297.2	104,100	148,900*	55.6	304.1	95,400	160,500					160
165	46.2	292.5	100,000	141,000*	53.3	300.5	91,600	154,700					165
170	43.6	287.3	96,100	133,700*	51.0	296.4	88,100	149,200					170
175	40.8	281.6	92,500	127,000*	48.6	292.1	84,700	144,000					175
180	37.9	275.3	89,100	120,700*	46.1	287.3	81,500	139,200					180
185	34.7	268.2	85,800	115,000*	43.5	282.1	78,500	133,700*	50.7	289.6	71,300	129,000	185
190	31.3	260.2	82,700	109,600*	40.7	276.4	75,700	127,000*	48.3	285.2	68,700	124,900	190
195	27.5	251.0	79,800	104,600*	37.8	270.0	73,000	120,900*	45.7	280.4	66,200	121,000	195
200	23.1	240.0	76,900	99,800*	34.6	263.0	70,400	115,100*	43.1	275.1	63,800	117,200	200
205	17.6	225.8	74,200	95,300*	31.2	254.9	67,900	109,800*	40.3	269.3	61,600	113,700	205
210	9.2	203.2	71,400	87,600*	27.3	245.7	65,500	104,800*	37.3	262.9	59,400	110,300	210
215					22.9	234.5	63,300	100,000*	34.1	255.7	57,300	107,100	215
220					17.4	220.1	61,000	95,500*	30.7	247.5	55,300	104,000	220
225					8.6	196.7	58,700	90,900*	26.8	238.0	53,400	101,100	225
230									22.2	226.6	51,600	98,200	230
235									16.4	211.5	49,700	95,300*	235
240									6.4	184.5	47,800	90,700*	240

Liftcrane Luffing Jib Capacities

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

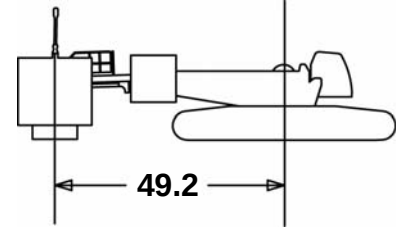
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



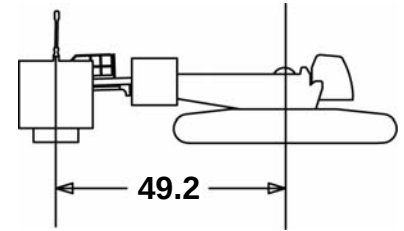
16000 MAX-ER

177.2 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
125	61.8	339.1	152,700	173,100*	125
130	59.9	336.2	145,400	173,100*	130
135	58.0	333.1	138,700	166,600*	135
140	56.1	329.8	132,500	156,900*	140
145	54.1	326.2	126,700	148,100*	145
150	52.0	322.3	121,300	140,100*	150
155	49.9	318.1	116,300	132,800*	155
160	47.8	313.6	111,700	126,100*	160
165	45.5	308.7	107,300	119,900*	165
170					170
175					175
180					180
185					185
190					190
195					195
200					200
205					205
210					210
215					215
220					220
225					225
230					230
235					235
240					240
245					245
250					250
255					255
260					260

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
125													125
130													130
135													135
140	61.8	335.6	122,000	159,000*									140
145	60.0	332.7	116,700	159,000*									145
150	58.1	329.6	111,700	159,000*									150
155	56.1	326.3	107,000	157,500*									155
160	54.1	322.7	102,700	148,700*									160
165	52.1	318.8	98,600	140,700*									165
170	50.0	314.6	94,800	133,400*	56.1	321.2	86,500	146,100*					170
175	47.8	310.1	91,200	126,700*	54.1	317.6	83,100	142,700					175
180	45.6	305.3	87,800	120,500*	52.0	313.7	80,000	137,800					180
185	43.2	300.0	84,500	114,700*	49.9	309.5	77,000	133,300					185
190	40.8	294.3	81,500	109,400*	47.7	305.0	74,200	126,700*					190
195	38.2	288.1	78,600	104,500*	45.5	300.1	71,500	120,500*	51.7	306.9	64,600	119,600	195
200	35.4	281.2	75,800	99,800*	43.1	294.9	69,000	114,800*	49.6	302.7	62,200	115,900	200
205	32.5	273.5	73,200	95,500*	40.7	289.1	66,500	109,500*	47.4	298.1	60,000	112,300	205
210	29.2	264.8	70,700	91,400*	38.1	282.8	64,200	104,600*	45.2	293.2	57,900	109,000	210
215	25.6	254.9	68,300	87,500*	35.3	275.9	62,000	100,000*	42.8	287.9	55,800	105,800	215
220	21.4	242.9	66,000	83,800*	32.3	268.2	59,900	95,600*	40.3	282.1	53,900	102,800	220
225	16.2	227.5	63,700	80,200*	29.1	259.5	57,900	91,500*	37.7	275.7	52,000	99,900	225
230	7.8	202.1	61,400	73,100*	25.5	249.4	55,900	87,700*	34.9	268.7	50,200	97,100	230
235					21.2	237.4	54,000	84,000*	31.9	260.9	48,500	94,400	235
240					15.9	221.7	52,100	80,400*	28.6	252.0	46,900	91,300*	240
245					7.2	195.4	50,200	76,300*	24.9	241.7	45,300	87,500*	245
250									20.6	229.3	43,700	83,800*	250
255									15.0	212.9	42,100	80,300*	255
260									4.7	181.4	40,400	76,500*	260

Liftcrane Luffing Jib Capacities

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

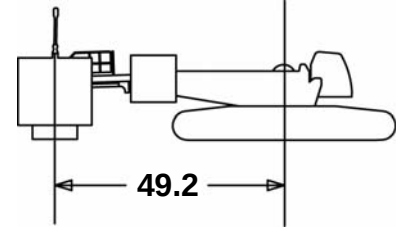
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



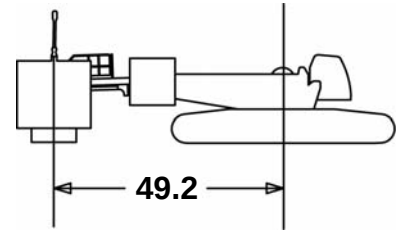
16000 MAX-ER

177.2 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
145	58.2	350.1	125,000	139,300*	145
150	56.4	346.8	119,700	134,500*	150
155	54.6	343.2	114,700	129,700*	155
160	52.8	339.5	110,000	125,000*	160
165	50.9	335.5	105,700	118,800*	165
170	49.0	331.1	101,600	113,100*	170
175					175
180					180
185					185
190					190
195					195
200					200
205					205
210					210
215					215
220					220
225					225
230					230
235					235
240					240
245					245
250					250
255					255
260					260
265					265
270					270
275					275
280					280

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
145													145
150	61.6	352.5	109,800	131,600*									150
155	59.9	349.6	105,100	131,600*									155
160	58.2	346.6	100,800	131,600*									160
165	56.5	343.3	96,700	131,600*									165
170	54.7	339.7	92,900	129,900*									170
175	52.9	336.0	89,300	125,500*									175
180	51.0	332.0	85,900	119,300*	56.4	338.2	77,900	119,600*					180
185	49.1	327.7	82,700	113,600*	54.6	334.6	75,000	119,600*					185
190	47.1	323.0	79,700	108,300*	52.8	330.9	72,200	119,600*					190
195	45.1	318.1	76,900	103,400*	50.9	326.9	69,500	119,300*					195
200	42.9	312.8	74,100	98,800*	49.0	322.5	67,000	113,600*					200
205	40.7	307.1	71,500	94,500*	47.0	317.9	64,600	108,400*	52.5	324.1	57,800	108,200*	205
210	38.4	300.8	69,100	90,500*	45.0	313.0	62,300	103,500*	50.7	320.0	55,700	107,200	210
215	36.0	294.1	66,700	86,700*	42.8	307.6	60,200	98,900*	48.7	315.7	53,700	104,100	215
220	33.3	286.6	64,500	83,100*	40.6	301.9	58,100	94,600*	46.7	311.0	51,800	101,100	220
225	30.5	278.4	62,300	79,700*	38.3	295.6	56,100	90,600*	44.7	306.0	50,000	98,200	225
230	27.5	269.0	60,200	76,500*	35.8	288.8	54,200	86,800*	42.5	300.6	48,300	95,400	230
235	24.0	258.3	58,200	73,400*	33.2	281.4	52,400	83,200*	40.3	294.8	46,600	92,800	235
240	20.0	245.5	56,300	70,400*	30.4	273.0	50,600	79,900*	38.0	288.5	45,000	90,300*	240
245	14.9	228.8	54,300	67,500*	27.3	263.7	48,900	76,600*	35.5	281.6	43,400	86,600*	245
250	6.5	200.4	52,300	60,900*	23.9	252.9	47,200	73,600*	32.8	274.0	41,900	83,000*	250
255					19.8	239.9	45,600	70,600*	30.0	265.6	40,500	79,700*	255
260					14.7	223.0	44,000	67,700*	26.9	256.1	39,100	76,500*	260
265					5.9	193.2	42,300	63,700*	23.3	245.0	37,700	73,500*	265
270									19.2	231.6	36,400	70,500*	270
275									13.8	213.9	35,000	67,600*	275
280									2.4	175.2	33,500	64,300*	280

Liftcrane Luffing Jib Capacities

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

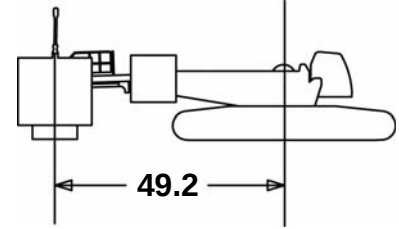
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



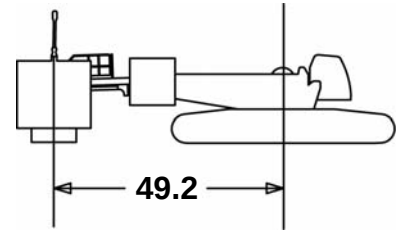
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

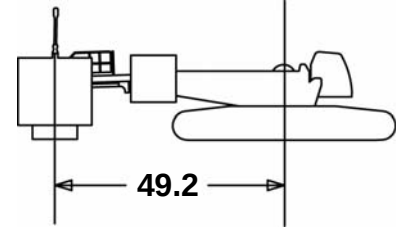
177.2 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
165	59.9	366.6	94,800	109,800*									165
170	58.3	363.5	91,000	109,800*									170
175	56.8	360.3	87,400	109,800*									175
180	55.1	356.8	84,000	109,800*									180
185	53.5	353.1	80,900	109,800*									185
190	51.8	349.2	77,900	106,900*	56.7	355.2	70,200	100,900*					190
195	50.1	345.0	75,000	101,900*	55.1	351.7	67,500	100,900*					195
200	48.3	340.6	72,300	97,400*	53.4	348.0	65,000	100,900*					200
205	46.5	335.9	69,700	93,100*	51.8	344.1	62,600	100,900*					205
210	44.6	330.9	67,300	89,100*	50.0	339.9	60,400	100,900*					210
215	42.7	325.5	64,900	85,300*	48.3	335.5	58,200	97,400*					215
220	40.7	319.8	62,700	81,800*	46.4	330.8	56,200	93,200*	51.5	337.3	49,800	93,000*	220
225	38.6	313.6	60,600	78,400*	44.6	325.8	54,200	89,200*	49.8	333.1	47,900	93,000*	225
230	36.4	306.9	58,500	75,300*	42.6	320.4	52,300	85,400*	48.0	328.7	46,200	93,000*	230
235	34.0	299.7	56,600	72,300*	40.6	314.6	50,500	81,900*	46.2	323.9	44,600	91,100	235
240	31.6	291.7	54,700	69,400*	38.5	308.4	48,800	78,600*	44.3	318.8	43,000	88,600	240
245	28.9	282.9	52,900	66,700*	36.3	301.7	47,100	75,400*	42.3	313.4	41,400	85,100*	245
250	25.9	272.9	51,100	64,100*	33.9	294.4	45,500	72,400*	40.3	307.6	40,000	81,600*	250
255	22.6	261.5	49,400	61,600*	31.4	286.4	43,900	69,600*	38.2	301.3	38,600	78,400*	255
260	18.8	247.7	47,700	59,200*	28.8	277.5	42,500	66,900*	36.0	294.5	37,200	75,200*	260
265	13.8	229.9	46,100	56,800*	25.8	267.5	41,000	64,300*	33.6	287.1	35,900	72,300*	265
270	5.2	197.7	44,300	50,400*	22.5	256.0	39,600	61,800*	31.1	279.0	34,600	69,500*	270
275					18.6	242.2	38,200	59,400*	28.4	270.0	33,400	66,800*	275
280					13.6	224.0	36,800	57,000*	25.4	259.8	32,200	64,200*	280
285					4.4	189.9	35,300	52,900*	22.0	248.1	31,000	61,800*	285
290									18.0	233.7	29,800	59,400*	290
295									12.7	214.6	28,600	57,000*	295



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



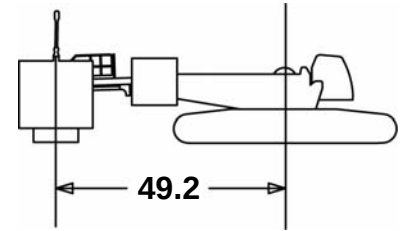
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

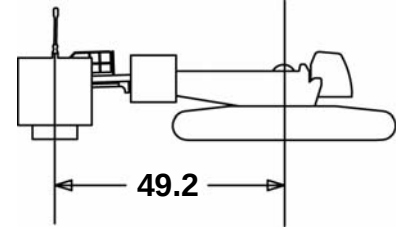
177.2 ft Boom, 236.2 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
180	58.4	380.5	82,200	92,800*									180
185	57.0	377.3	79,000	92,800*									185
190	55.5	373.8	76,000	92,800*									190
195	54.0	370.2	73,200	92,800*									195
200	52.5	366.4	70,500	92,800*	56.9	372.2	63,000	84,800*					200
205	50.9	362.4	67,900	92,100*	55.5	368.7	60,700	84,800*					205
210	49.3	358.1	65,500	88,100*	54.0	365.1	58,400	84,800*					210
215	47.7	353.6	63,200	84,300*	52.4	361.3	56,300	84,800*					215
220	46.0	348.8	61,000	80,700*	50.9	357.3	54,200	84,800*					220
225	44.3	343.7	58,900	77,400*	49.3	353.0	52,300	84,800*					225
230	42.5	338.3	56,800	74,200*	47.6	348.5	50,400	84,300*	52.2	354.5	44,200	77,500*	230
235	40.7	332.5	54,900	71,200*	46.0	343.6	48,600	80,800*	50.6	350.5	42,500	77,500*	235
240	38.7	326.4	53,000	68,400*	44.2	338.5	46,900	77,500*	49.0	346.2	41,000	77,500*	240
245	36.7	319.8	51,200	65,700*	42.4	333.1	45,300	74,300*	47.4	341.6	39,400	77,500*	245
250	34.6	312.6	49,500	63,100*	40.6	327.4	43,700	71,300*	45.7	336.7	38,000	77,500*	250
255	32.4	304.9	47,900	60,600*	38.7	321.2	42,200	68,500*	44.0	331.6	36,600	77,200*	255
260	30.0	296.5	46,300	58,300*	36.6	314.5	40,700	65,800*	42.2	326.1	35,300	74,100*	260
265	27.4	287.1	44,700	56,000*	34.5	307.4	39,300	63,200*	40.3	320.3	34,000	71,100*	265
270	24.6	276.5	43,200	53,900*	32.3	299.6	38,000	60,800*	38.4	314.1	32,700	68,300*	270
275	21.4	264.4	41,800	51,800*	29.9	291.1	36,600	58,500*	36.4	307.4	31,500	65,700*	275
280	17.7	249.8	40,400	49,700*	27.3	281.7	35,400	56,200*	34.2	300.1	30,400	63,100*	280
285	12.9	230.6	38,900	47,700*	24.5	271.1	34,100	54,100*	32.0	292.3	29,200	60,700*	285
290					21.3	258.9	32,900	52,000*	29.5	283.7	28,100	58,400*	290
295					17.5	244.2	31,700	49,900*	26.9	274.1	27,100	56,200*	295
300					12.6	224.7	30,500	47,900*	24.0	263.3	26,000	54,000*	300
305					2.7	184.1	29,100	43,500*	20.8	250.8	25,000	51,900*	305
310									16.9	235.6	24,000	49,900*	310
315									11.8	215.1	23,000	47,900*	315



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



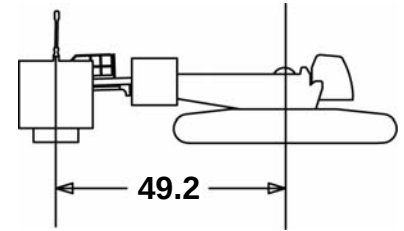
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
200	55.8	390.9	68,900	78,400*									200
205	54.5	387.3	66,400	78,400*									205
210	53.1	383.6	63,900	78,400*	57.1	389.2	56,700	71,300*					210
215	51.6	379.6	61,600	78,400*	55.8	385.8	54,600	71,300*					215
220	50.2	375.5	59,400	78,400*	54.4	382.2	52,600	71,300*					220
225	48.7	371.1	57,300	75,800*	53.0	378.5	50,600	71,300*					225
230	47.2	366.5	55,300	72,700*	51.6	374.5	48,800	71,300*					230
235	45.6	361.6	53,400	69,700*	50.1	370.4	47,000	71,300*					235
240	44.0	356.5	51,500	66,900*	48.6	366.0	45,300	71,300*	52.8	371.7	39,200	64,800*	240
245	42.3	351.1	49,800	64,300*	47.1	361.4	43,700	71,300*	51.4	367.7	37,700	64,800*	245
250	40.6	345.3	48,100	61,700*	45.5	356.5	42,100	69,800*	49.9	363.5	36,300	64,800*	250
255	38.9	339.2	46,400	59,300*	43.9	351.3	40,600	67,000*	48.4	359.1	34,900	64,800*	255
260	37.0	332.6	44,900	57,000*	42.3	345.9	39,200	64,400*	46.9	354.5	33,600	64,800*	260
265	35.1	325.6	43,300	54,900*	40.6	340.1	37,800	61,800*	45.3	349.6	32,300	64,800*	265
270	33.1	318.0	41,900	52,800*	38.8	334.0	36,400	59,500*	43.7	344.4	31,100	64,800*	270
275	30.9	309.9	40,500	50,800*	36.9	327.4	35,100	57,200*	42.0	338.9	29,900	64,200*	275
280	28.6	300.9	39,100	48,800*	35.0	320.4	33,900	55,000*	40.3	333.1	28,700	61,700*	280
285	26.1	291.0	37,800	47,000*	33.0	312.8	32,700	52,900*	38.5	326.9	27,600	59,300*	285
290	23.4	279.9	36,500	45,200*	30.8	304.6	31,500	50,900*	36.7	320.2	26,600	57,100*	290
295	20.3	267.0	35,200	43,400*	28.5	295.6	30,300	49,000*	34.7	313.1	25,500	54,900*	295
300	16.7	251.6	34,000	41,600*	26.0	285.6	29,200	47,100*	32.7	305.5	24,500	52,800*	300
305	12.0	231.2	32,700	39,900*	23.3	274.4	28,100	45,300*	30.5	297.1	23,500	50,900*	305
310					20.2	261.5	27,100	43,600*	28.2	288.0	22,600	49,000*	310
315					16.5	245.9	26,000	41,800*	25.7	277.9	21,700	47,100*	315
320					11.7	225.2	25,000	40,100*	22.9	266.5	20,700	45,300*	320
325									19.7	253.3	19,800	43,500*	325
330									15.9	237.2	18,900	41,800*	330
335									10.9	215.3	18,000	40,100*	335



Liftcrane Luffing Jib Capacities

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

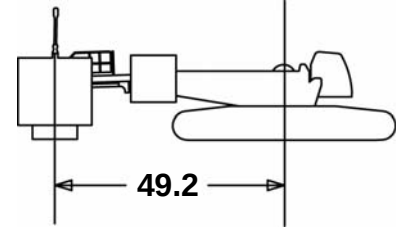
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



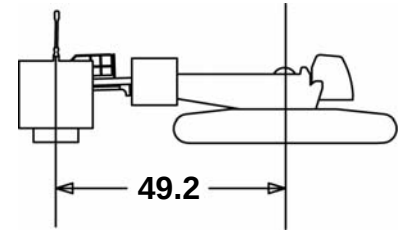
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
220	53.5	400.7	57,500	66,100*	57.3	406.1	50,500	59,800*					220
225	52.2	396.8	55,400	66,000*	56.0	402.8	48,500	59,800*					225
230	50.9	392.8	53,400	65,900*	54.8	399.3	46,700	59,800*					230
235	49.5	388.5	51,500	65,900*	53.5	395.6	44,900	59,800*					235
240	48.1	384.1	49,600	65,300*	52.2	391.7	43,200	59,800*					240
245	46.7	379.4	47,900	62,700*	50.8	387.7	41,600	59,800*					245
250	45.2	374.5	46,200	60,200*	49.5	383.4	40,100	59,800*					250
255	43.7	369.3	44,600	57,800*	48.1	379.0	38,600	59,800*	52.0	385.0	32,700	54,600*	255
260	42.2	363.8	43,000	55,500*	46.6	374.3	37,200	59,800*	50.6	380.9	31,400	54,600*	260
265	40.6	358.0	41,500	53,300*	45.2	369.3	35,800	59,800*	49.3	376.6	30,200	54,600*	265
270	39.0	351.9	40,100	51,300*	43.7	364.1	34,400	57,900*	47.9	372.1	29,000	54,600*	270
275	37.3	345.4	38,700	49,300*	42.1	358.6	33,200	55,600*	46.4	367.4	27,800	54,600*	275
280	35.5	338.5	37,300	47,400*	40.6	352.9	31,900	53,500*	45.0	362.4	26,700	54,600*	280
285	33.6	331.1	36,000	45,600*	38.9	346.7	30,700	51,400*	43.5	357.2	25,600	54,600*	285
290	31.7	323.1	34,800	43,800*	37.2	340.2	29,600	49,400*	41.9	351.6	24,500	54,600*	290
295	29.6	314.5	33,500	42,100*	35.4	333.3	28,500	47,500*	40.3	345.8	23,500	53,300*	295
300	27.4	305.1	32,400	40,400*	33.6	325.8	27,400	45,700*	38.7	339.6	22,500	51,300*	300
305	25.0	294.7	31,200	38,800*	31.6	317.9	26,300	43,900*	37.0	333.1	21,500	49,300*	305
310	22.4	283.0	30,100	37,300*	29.5	309.2	25,300	42,200*	35.2	326.1	20,600	47,500*	310
315	19.4	269.5	29,000	35,800*	27.3	299.7	24,300	40,600*	33.3	318.6	19,700	45,600*	315
320	15.8	253.2	27,900	34,300*	24.9	289.3	23,300	39,000*	31.3	310.5	18,800	43,900*	320
325	11.2	231.4	26,800	32,700*	22.2	277.5	22,400	37,400*	29.2	301.7	18,000	42,200*	325
330					19.2	263.9	21,500	35,900*	27.0	292.1	17,100	40,600*	330
335					15.6	247.5	20,500	34,400*	24.5	281.5	16,300	39,000*	335
340					10.9	225.4	19,600	32,900*	21.8	269.5	15,500	37,400*	340
345									18.8	255.6	14,700	35,900*	345
350									15.1	238.6	13,900	34,500*	350
355									10.1	215.2	13,100	32,900*	355

Liftcrane Luffing Jib Capacities

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

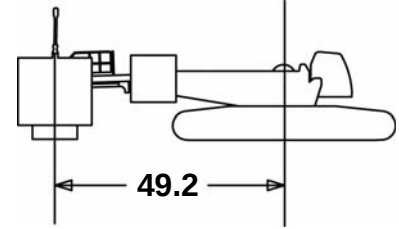
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



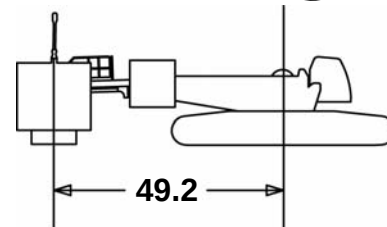
16000 MAX-ER

196.9 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75	67.4	275.3	287,100	327,700*c	75
80	63.4	272.8	266,000	313,200*b	80
85	59.1	269.9	247,600	299,000*b	85
90	54.7	266.4	231,300	285,200*b	90
95	50.0	262.2	216,900	272,200*	95
100	44.9	257.3	204,000	259,900*	100
105	39.3	251.4	192,400	248,400*	105
110	32.8	244.0	181,800	237,300*	110
115	24.7	234.2	172,100	221,500*	115
120	11.8	217.1	162,900	186,300*	120
125					125
130					130
135					135
140					140
145					145
150					150
155					155
160					160
165					165
170					170

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
75													75
80													80
85													85
90													90
95													95
100	60.7	267.0	189,000	283,700*b									100
105	56.4	263.7	178,300	269,600*b									105
110	51.8	259.8	168,600	256,400*									110
115	46.8	255.2	159,800	244,400*									115
120	41.4	249.7	151,700	233,300*	57.6	259.3	139,700	224,800*b					120
125	35.3	243.0	144,300	223,200*	53.1	255.6	132,900	215,000*b					125
130	27.9	234.2	137,300	213,700*	48.3	251.2	126,700	206,000*					130
135	17.8	221.2	130,700	204,900*	43.0	246.0	120,800	197,700*					135
140					37.1	239.6	115,400	189,900*					140
145					30.2	231.5	110,300	182,600*	49.1	245.1	101,000	175,600	145
150					21.2	220.2	105,400	175,400	44.0	240.1	96,700	168,600	150
155									38.2	234.0	92,600	162,100	155
160									31.5	226.3	88,800	156,000	160
165									23.1	215.7	85,100	150,200	165
170									7.0	194.4	81,200	144,600	170

Liftcrane Luffing Jib Capacities

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

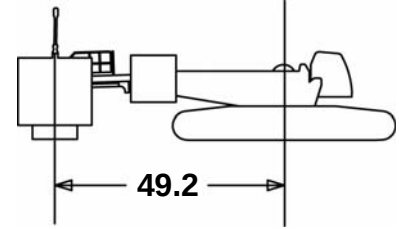
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



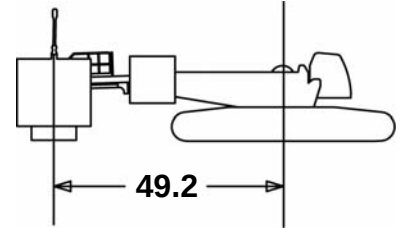
16000 MAX-ER

196.9 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	65.9	292.4	246,900	285,400*b	85
90	62.6	289.8	230,700	274,000*b	90
95	59.2	286.8	216,400	262,900*	95
100	55.7	283.4	203,500	252,200*	100
105	52.0	279.6	192,000	242,000*	105
110	48.1	275.2	181,600	232,200*	110
115	44.0	270.1	172,100	223,000*	115
120	39.5	264.2	163,500	210,600*	120
125	34.5	257.2	155,500	196,000*	125
130	28.7	248.5	148,100	182,900*	130
135	21.3	237.0	141,200	171,000*	135
140					140
145					145
150					150
155					155
160					160
165					165
170					170
175					175
180					180
185					185

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85													85
90													90
95													95
100													100
105													105
110	60.5	284.0	167,600	255,200*									110
115	57.0	280.7	158,900	243,200*									115
120	53.4	277.1	150,900	232,300*									120
125	49.6	272.9	143,600	222,200*									125
130	45.5	268.0	136,800	212,900*									130
135	41.2	262.5	130,600	204,300*	54.4	272.7	119,700	196,500*					135
140	36.4	255.9	124,800	196,200*	50.7	268.7	114,400	188,800*					140
145	30.9	247.9	119,300	188,200*	46.7	264.0	109,400	181,600*					145
150	24.3	237.7	114,200	175,900*	42.5	258.7	104,800	174,700					150
155	14.9	222.4	109,200	164,500*	37.8	252.4	100,500	168,000	51.4	262.6	91,400	161,000	155
160					32.6	244.9	96,400	161,700	47.5	258.0	87,700	155,000	160
165					26.3	235.5	92,500	155,800	43.3	252.8	84,200	149,400	165
170					18.1	222.3	88,700	150,200	38.7	246.8	80,900	144,100	170
175									33.5	239.5	77,800	139,100	175
180									27.5	230.5	74,800	134,400	180
185									19.8	218.2	71,900	129,900	185

Liftcrane Luffing Jib Capacities

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

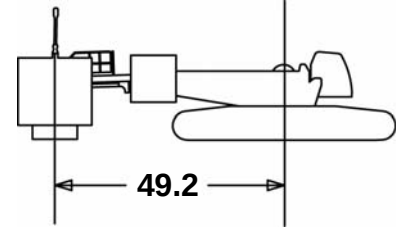
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



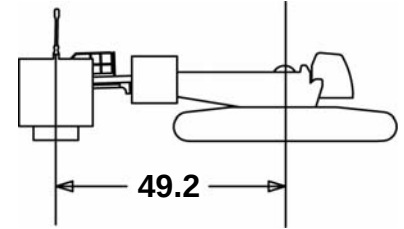
16000 MAX-ER

196.9 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	67.5	311.7	229,300	260,000*	90
95	64.8	309.4	214,900	251,100*	95
100	62.1	306.7	202,100	242,200*	100
105	59.3	303.8	190,600	233,300*	105
110	56.3	300.5	180,200	224,800*	110
115	53.3	296.8	170,800	216,600*	115
120	50.2	292.7	162,200	208,700*	120
125	46.9	288.0	154,300	198,300*	125
130	43.4	282.9	147,100	185,300*	130
135	39.6	276.9	140,400	173,700*	135
140	35.5	270.1	134,200	163,300*	140
145	31.0	262.1	128,300	153,800*	145
150	25.6	252.3	122,900	145,100*	150
155	18.8	239.3	117,700	136,900*	155
160					160
165					165
170					170
175					175
180					180
185					185
190					190
195					195
200					200
205					205

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90													90
95													95
100													100
105													105
110													110
115													115
120	60.3	300.9	149,000	230,400*									120
125	57.4	297.7	141,800	220,400*									125
130	54.5	294.2	135,100	211,200*									130
135	51.4	290.2	128,900	202,600*									135
140	48.1	285.8	123,200	194,700*									140
145	44.7	280.8	117,900	187,300*	55.3	289.8	107,400	179,800*					145
150	41.0	275.2	112,900	178,400*	52.3	286.0	102,900	173,000					150
155	37.1	268.8	108,300	167,600*	49.1	281.7	98,600	166,400					155
160	32.7	261.2	103,900	157,800*	45.7	276.9	94,700	160,200					160
165	27.7	252.2	99,800	148,800*	42.1	271.4	90,900	154,300	52.8	279.8	82,100	147,500	165
170	21.6	240.6	95,900	140,400*	38.3	265.2	87,400	148,900	49.6	275.6	78,900	142,300	170
175	12.7	223.1	92,000	131,200*	34.0	258.1	84,100	143,800	46.3	270.9	75,800	137,400	175
180					29.2	249.5	80,900	138,900	42.8	265.6	73,000	132,800	180
185					23.5	238.9	77,800	134,300	39.0	259.5	70,200	128,400	185
190					15.8	223.8	74,800	129,900	34.8	252.6	67,600	124,300	190
195									30.1	244.3	65,200	120,400	195
200									24.6	234.1	62,800	116,600	200
205									17.4	220.2	60,400	113,000	205

Liftcrane Luffing Jib Capacities

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

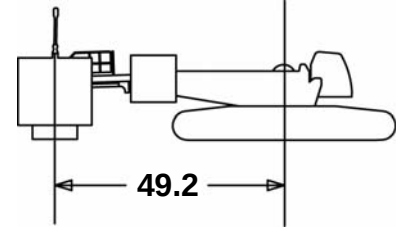
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



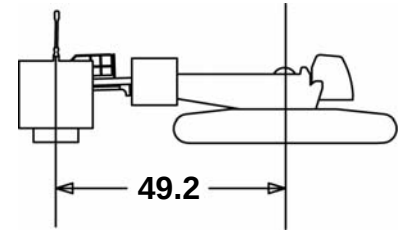
16000 MAX-ER

196.9 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100	66.4	328.8	201,000	225,900*	100
105	64.1	326.4	189,500	222,800*	105
110	61.7	323.7	179,100	215,700*	110
115	59.3	320.7	169,700	208,600*	115
120	56.8	317.5	161,200	201,800*	120
125	54.2	313.9	153,300	195,100*	125
130	51.6	310.0	146,100	185,900*	130
135	48.9	305.7	139,400	174,300*	135
140	46.0	300.9	133,300	164,000*	140
145	43.0	295.6	127,500	154,600*	145
150	39.7	289.7	122,200	146,100*	150
155	36.3	283.0	117,200	138,300*	155
160	32.5	275.4	112,500	131,100*	160
165	28.2	266.5	108,100	124,400*	165
170	23.3	255.6	103,900	118,200*	170
175	16.9	241.1	99,800	111,300*	175
180					180
185					185
190					190
195					195
200					200
205					205
210					210
215					215
220					220
225					225

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
100													100
105													105
110													110
115													115
120													120
125	62.6	320.7	140,400	209,900*									125
130	60.2	317.9	133,700	209,800*									130
135	57.7	314.7	127,600	201,300*									135
140	55.2	311.3	121,900	193,400*									140
145	52.6	307.5	116,600	186,000*									145
150	49.9	303.3	111,700	178,900*									150
155	47.1	298.7	107,100	168,100*	55.9	306.8	97,100	165,000					155
160	44.1	293.6	102,800	158,400*	53.3	303.1	93,200	158,800					160
165	40.9	288.0	98,800	149,600*	50.7	299.1	89,500	153,100					165
170	37.6	281.6	95,000	141,500*	47.9	294.6	86,000	147,700					170
175	33.9	274.4	91,400	134,100*	45.0	289.7	82,800	142,600					175
180	29.9	266.0	88,000	127,300*	41.9	284.2	79,700	137,800	51.1	293.0	71,400	131,400	180
185	25.2	255.9	84,700	120,900*	38.6	278.0	76,700	133,300	48.4	288.6	68,700	127,100	185
190	19.5	243.1	81,600	114,900*	35.0	271.1	73,900	129,000	45.5	283.7	66,200	123,000	190
195	11.0	223.2	78,500	107,100*	31.1	263.1	71,300	124,900	42.4	278.3	63,800	119,200	195
200					26.6	253.6	68,700	121,100	39.2	272.3	61,500	115,500	200
205					21.3	241.7	66,200	117,100*	35.7	265.5	59,300	112,000	205
210					14.0	224.9	63,800	111,200*	31.8	257.7	57,200	108,700	210
215									27.5	248.5	55,200	105,500	215
220									22.3	237.2	53,200	102,500	220
225									15.5	221.7	51,300	99,500	225

Liftcrane Luffing Jib Capacities

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

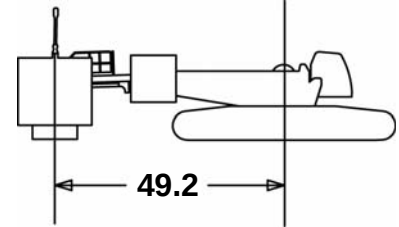
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



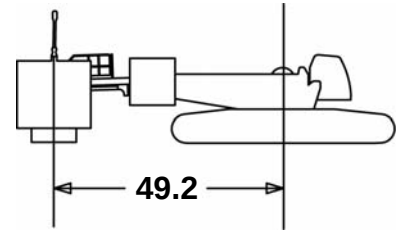
16000 MAX-ER

196.9 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115	63.5	343.4	168,100	188,300*	115
120	61.4	340.6	159,500	188,300*	120
125	59.3	337.7	151,700	184,300*	125
130	57.1	334.5	144,500	177,600*	130
135	54.9	331.0	137,800	170,600*	135
140	52.6	327.2	131,700	163,300*	140
145	50.3	323.1	126,000	154,700*	145
150	47.8	318.6	120,700	146,200*	150
155	45.3	313.7	115,700	138,400*	155
160	42.6	308.4	111,100	131,200*	160
165	39.8	302.5	106,800	124,700*	165
170	36.8	295.9	102,700	118,600*	170
175	33.6	288.6	98,800	112,900*	175
180	30.0	280.2	95,100	107,700*	180
185	26.1	270.4	91,600	102,700*	185
190					190
195					195
200					200
205					205
210					210
215					215
220					220
225					225
230					230
235					235
240					240
245					245

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115													115
120													120
125													125
130													130
135	62.2	337.7	125,600	175,100*									135
140	60.1	334.8	120,000	175,100*									140
145	57.9	331.7	114,700	175,100*									145
150	55.7	328.3	109,800	175,100*									150
155	53.5	324.6	105,300	168,200*									155
160	51.2	320.6	101,000	158,400*									160
165	48.8	316.3	97,000	149,600*	56.4	323.9	87,400	151,300					165
170	46.2	311.6	93,300	141,600*	54.1	320.3	83,900	145,900					170
175	43.6	306.4	89,700	134,200*	51.8	316.4	80,700	140,800					175
180	40.9	300.7	86,400	127,400*	49.4	312.1	77,700	136,100					180
185	37.9	294.4	83,200	121,200*	47.0	307.5	74,800	131,600					185
190	34.8	287.4	80,200	115,400*	44.4	302.5	72,000	127,400	52.2	310.2	64,000	121,200	190
195	31.4	279.4	77,300	110,000*	41.7	296.9	69,400	123,400	49.9	306.0	61,600	117,400	195
200	27.6	270.2	74,600	104,900*	38.8	290.8	67,000	119,600	47.4	301.5	59,400	113,800	200
205	23.2	259.2	72,000	100,100*	35.7	284.0	64,600	115,900	44.9	296.5	57,200	110,300	205
210	17.7	245.1	69,400	95,600*	32.4	276.4	62,300	111,900*	42.2	291.1	55,200	107,000	210
215	9.4	222.9	66,800	88,500*	28.7	267.5	60,200	106,700*	39.3	285.1	53,300	103,900	215
220					24.5	257.1	58,100	101,900*	36.3	278.4	51,400	100,900	220
225					19.5	244.2	56,000	97,300*	33.0	270.9	49,600	98,100	225
230					12.4	225.5	54,000	92,800*	29.4	262.4	47,900	95,300	230
235									25.3	252.3	46,200	92,700	235
240									20.4	239.9	44,500	90,200	240
245									13.9	222.7	42,900	87,700	245

Liftcrane Luffing Jib Capacities

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

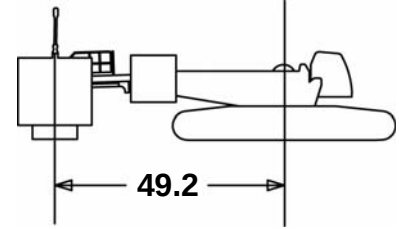
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



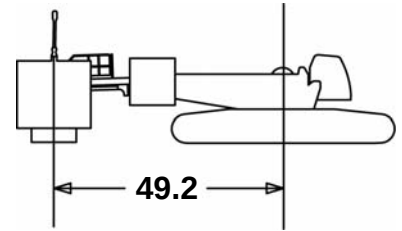
16000 MAX-ER

196.9 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
135	59.3	354.6	136,500	158,600*	135
140	57.4	351.5	130,400	154,300*	140
145	55.4	348.0	124,700	148,900*	145
150	53.4	344.4	119,400	143,300*	150
155	51.4	340.4	114,500	137,500*	155
160	49.2	336.1	109,900	130,600*	160
165	47.0	331.5	105,500	124,100*	165
170	44.8	326.5	101,500	118,100*	170
175	42.4	321.1	97,600	112,500*	175
180	39.9	315.2	94,000	107,300*	180
185	37.2	308.7	90,600	102,400*	185
190	34.4	301.6	87,400	97,900*	190
195					195
200					200
205					205
210					210
215					215
220					220
225					225
230					230
235					235
240					240
245					245
250					250
255					255
260					260
265					265

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
135													135
140													140
145	61.9	354.6	113,200	146,300*									145
150	60.0	351.8	108,300	146,300*									150
155	58.1	348.7	103,800	146,300*									155
160	56.2	345.3	99,500	146,300*									160
165	54.2	341.7	95,600	146,300*									165
170	52.1	337.9	91,800	140,800*									170
175	50.0	333.7	88,300	133,500*	56.7	340.9	79,100	133,800*					175
180	47.9	329.2	85,000	126,800*	54.8	337.4	76,000	133,800*					180
185	45.6	324.4	81,800	120,600*	52.7	333.6	73,200	130,200					185
190	43.3	319.1	78,900	114,800*	50.6	329.5	70,500	126,000					190
195	40.8	313.4	76,100	109,500*	48.5	325.1	67,900	122,000					195
200	38.2	307.2	73,400	104,500*	46.3	320.4	65,500	118,300					200
205	35.5	300.3	70,800	99,900*	43.9	315.2	63,100	114,700	51.0	323.4	55,600	108,900	205
210	32.5	292.7	68,400	95,500*	41.5	309.7	60,900	111,300*	48.9	319.0	53,600	105,600	210
215	29.3	284.0	66,000	91,400*	39.0	303.6	58,800	106,300*	46.7	314.4	51,600	102,500	215
220	25.7	274.1	63,800	87,500*	36.3	296.9	56,800	101,500*	44.4	309.3	49,800	99,600	220
225	21.5	262.1	61,600	83,800*	33.4	289.5	54,800	97,100*	42.0	303.8	48,100	96,800	225
230	16.3	246.8	59,500	80,200*	30.2	281.2	53,000	92,900*	39.4	297.8	46,400	94,100	230
235	8.1	221.9	57,300	73,800*	26.8	271.6	51,200	89,000*	36.8	291.3	44,800	91,500	235
240					22.8	260.4	49,400	85,200*	33.9	284.0	43,200	89,000	240
245					17.9	246.2	47,700	81,600*	30.8	275.9	41,700	86,600	245
250					11.1	225.7	46,000	78,100*	27.4	266.6	40,200	84,400	250
255									23.5	255.6	38,800	82,200	255
260									18.9	242.2	37,400	80,000	260
265									12.6	223.4	36,000	77,900	265

Liftcrane Luffing Jib Capacities

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

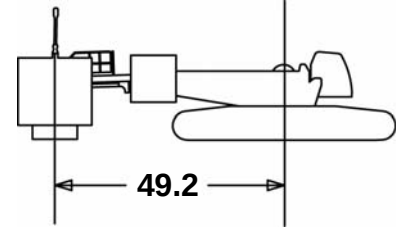
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



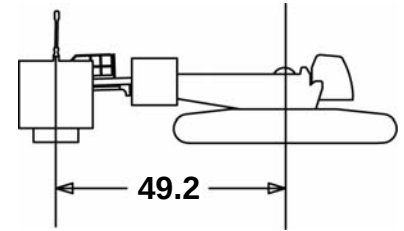
16000 MAX-ER

196.9 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
150	57.6	368.5	117,700	132,400*	150
155	55.9	365.1	112,800	128,500*	155
160	54.1	361.5	108,200	124,100*	160
165	52.2	357.6	103,900	119,900*	165
170	50.3	353.5	99,800	115,600*	170
175	48.4	349.1	96,000	111,500*	175
180	46.4	344.4	92,400	106,800*	180
185	44.3	339.3	89,000	101,900*	185
190	42.2	333.9	85,800	97,400*	190
195	39.9	328.0	82,800	93,200*	195
200	37.6	321.6	79,900	89,200*	200
205					205
210					210
215					215
220					220
225					225
230					230
235					235
240					240
245					245
250					250
255					255
260					260
265					265
270					270
275					275
280					280
285					285

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
150													150
155	61.6	371.6	101,800	122,100*									155
160	60.0	368.7	97,500	122,100*									160
165	58.3	365.6	93,600	122,100*									165
170	56.5	362.4	89,900	122,100*									170
175	54.7	358.8	86,400	122,100*									175
180	52.9	355.1	83,100	121,700*									180
185	51.0	351.0	80,000	117,700*	57.0	357.9	71,000	111,000*					185
190	49.1	346.8	77,000	113,700*	55.2	354.4	68,400	111,000*					190
195	47.1	342.2	74,200	109,000*	53.4	350.7	65,800	111,000*					195
200	45.1	337.2	71,600	104,000*	51.6	346.8	63,400	111,000*					200
205	43.0	331.9	69,100	99,400*	49.7	342.6	61,100	111,000*					205
210	40.8	326.2	66,700	95,000*	47.7	338.0	58,900	109,600					210
215	38.4	320.0	64,400	90,900*	45.7	333.2	56,800	105,700*	51.9	340.6	49,400	100,700	215
220	36.0	313.2	62,200	87,100*	43.6	328.0	54,800	100,900*	50.0	336.5	47,600	97,800	220
225	33.4	305.8	60,100	83,500*	41.4	322.4	52,900	96,500*	48.1	332.0	45,900	95,000	225
230	30.6	297.5	58,000	80,100*	39.1	316.4	51,100	92,400*	46.1	327.2	44,300	92,300	230
235	27.5	288.2	56,100	76,800*	36.7	309.7	49,300	88,500*	44.0	322.1	42,700	89,800	235
240	24.1	277.5	54,200	73,700*	34.2	302.5	47,700	84,800*	41.8	316.6	41,200	87,300	240
245	20.1	264.7	52,400	70,700*	31.4	294.5	46,000	81,300*	39.5	310.6	39,700	85,000	245
250	15.0	248.2	50,600	67,800*	28.4	285.6	44,500	78,000*	37.2	304.1	38,300	82,700	250
255	6.8	220.3	48,700	61,600*	25.1	275.3	42,900	74,900*	34.6	297.0	36,900	80,600	255
260					21.3	263.2	41,500	71,900*	31.9	289.1	35,600	78,500	260
265					16.6	248.0	40,000	69,000*	29.0	280.4	34,300	76,500	265
270					9.9	225.5	38,500	66,000*	25.7	270.4	33,100	74,600	270
275									22.0	258.7	31,900	72,700*	275
280									17.6	244.2	30,700	69,800*	280
285									11.4	223.7	29,500	66,900*	285

Liftcrane Luffing Jib Capacities

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

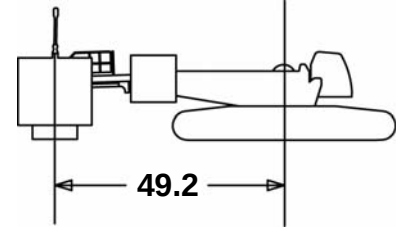
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



16000 MAX-ER

196.9 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
170	54.6	378.6	98,100	110,800*	170
175	52.9	374.8	94,300	107,400*	175
180	51.2	370.8	90,700	104,000*	180
185	49.5	366.6	87,300	100,000*	185
190	47.7	362.0	84,100	95,500*	190
195	45.9	357.2	81,000	91,400*	195
200	44.0	352.1	78,200	87,400*	200
205					205
210					210
215					215
220					220
225					225
230					230
235					235
240					240
245					245
250					250
255					255
260					260
265					265
270					270
275					275
280					280
285					285
290					290
295					295
300					300
305					305

Liftcrane Luffing Jib Capacities

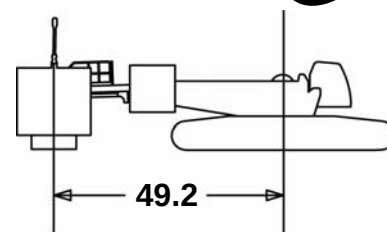
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
170	59.9	385.7	87,900	102,400*									170
175	58.4	382.6	84,400	102,400*									175
180	56.8	379.3	81,100	102,400*									180
185	55.2	375.9	78,000	102,400*									185
190	53.5	372.2	75,100	102,400*									190
195	51.9	368.3	72,300	102,400*	57.2	374.8	63,700	93,900*					195
200	50.1	364.1	69,700	102,000*	55.6	371.4	61,300	93,900*					200
205	48.4	359.7	67,200	97,400*	54.0	367.8	59,000	93,900*					205
210	46.6	355.0	64,800	93,200*	52.3	364.0	56,900	93,900*					210
215	44.7	350.0	62,500	89,100*	50.6	359.9	54,800	93,900*					215
220	42.7	344.7	60,300	85,400*	48.9	355.6	52,800	93,900*					220
225	40.7	338.9	58,300	81,800*	47.1	351.0	50,900	93,900*	52.6	357.8	43,800	85,600*	225
230	38.6	332.7	56,300	78,500*	45.2	346.0	49,100	90,500*	50.9	353.8	42,100	85,600*	230
235	36.4	326.1	54,400	75,300*	43.3	340.8	47,400	86,700*	49.2	349.5	40,600	85,600*	235
240	34.1	318.8	52,500	72,300*	41.3	335.2	45,700	83,100*	47.4	344.9	39,100	85,600*	240
245	31.6	310.9	50,800	69,500*	39.2	329.1	44,100	79,700*	45.6	340.1	37,600	83,300	245
250	28.9	302.1	49,100	66,800*	37.1	322.6	42,600	76,500*	43.7	334.9	36,200	81,100	250
255	26.0	292.1	47,400	64,200*	34.8	315.5	41,100	73,400*	41.7	329.3	34,900	78,900	255
260	22.7	280.7	45,800	61,700*	32.3	307.8	39,700	70,600*	39.6	323.4	33,600	76,900	260
265	18.8	267.1	44,300	59,300*	29.7	299.2	38,300	67,800*	37.5	316.9	32,400	74,900	265
270	13.9	249.3	42,700	56,900*	26.9	289.7	37,000	65,200*	35.2	310.0	31,200	73,000	270
275	5.5	217.9	41,100	50,900*	23.7	278.7	35,700	62,700*	32.8	302.3	30,000	71,100	275
280					20.0	265.8	34,400	60,300*	30.2	293.9	28,900	68,600*	280
285					15.5	249.5	33,100	57,900*	27.4	284.6	27,800	65,900*	285
290					8.9	224.9	31,800	55,400*	24.3	273.9	26,700	63,400*	290
295									20.7	261.4	25,700	61,000*	295
300									16.4	245.9	24,700	58,600*	300
305									10.4	223.7	23,600	56,200*	305

Liftcrane Luffing Jib Capacities

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

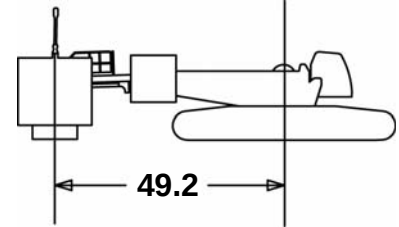
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



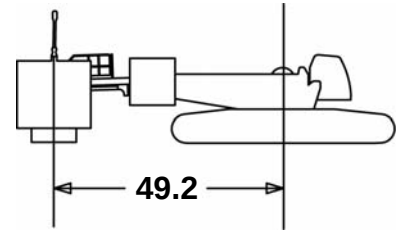
16000 MAX-ER

196.9 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
190	52.0	388.0	82,400	92,000*	190
195	50.4	383.9	79,400	89,300*	195
200	48.8	379.6	76,500	86,500*	200
205	47.1	375.0	73,800	82,800*	205
210	45.4	370.1	71,200	79,300*	210
215					215
220					220
225					225
230					230
235					235
240					240
245					245
250					250
255					255
260					260
265					265
270					270
275					275
280					280
285					285
290					290
295					295
300					300
305					305
310					310
315					315
320					320
325					325

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
190	57.0	396.3	73,200	87,200*									190
195	55.5	392.9	70,400	87,200*									195
200	54.1	389.3	67,800	87,200*									200
205	52.5	385.5	65,300	87,200*	57.4	391.8	57,000	79,400*					205
210	51.0	381.5	63,000	87,200*	56.0	388.5	54,800	79,400*					210
215	49.4	377.2	60,700	87,200*	54.5	384.9	52,800	79,400*					215
220	47.7	372.7	58,600	84,400*	53.0	381.1	50,800	79,400*					220
225	46.1	367.9	56,500	80,800*	51.4	377.2	49,000	79,400*					225
230	44.3	362.8	54,500	77,400*	49.8	373.0	47,200	79,400*					230
235	42.5	357.4	52,600	74,300*	48.2	368.5	45,500	79,400*					235
240	40.7	351.7	50,800	71,300*	46.5	363.8	43,800	79,400*	51.7	371.0	37,000	73,300*	240
245	38.8	345.5	49,100	68,400*	44.8	358.9	42,200	78,600*	50.1	366.9	35,500	73,300*	245
250	36.8	338.9	47,400	65,700*	43.1	353.5	40,700	75,400*	48.5	362.5	34,200	73,300*	250
255	34.7	331.8	45,800	63,200*	41.2	347.9	39,300	72,300*	46.8	357.8	32,900	73,300*	255
260	32.4	324.1	44,300	60,700*	39.3	341.9	37,900	69,500*	45.1	352.9	31,600	73,300*	260
265	30.0	315.6	42,800	58,300*	37.4	335.4	36,500	66,700*	43.4	347.6	30,400	73,300*	265
270	27.5	306.3	41,300	56,100*	35.3	328.4	35,200	64,100*	41.6	342.1	29,200	71,400	270
275	24.6	295.8	39,900	53,900*	33.1	320.9	34,000	61,600*	39.7	336.1	28,100	69,600	275
280	21.5	283.6	38,600	51,800*	30.7	312.7	32,800	59,300*	37.7	329.7	27,000	67,400*	280
285	17.7	269.1	37,200	49,800*	28.2	303.6	31,600	57,000*	35.6	322.9	25,900	64,800*	285
290	13.0	250.1	35,900	47,700*	25.5	293.5	30,400	54,800*	33.5	315.4	24,900	62,300*	290
295	4.2	214.3	34,400	41,900*	22.4	281.9	29,300	52,700*	31.2	307.3	23,900	59,900*	295
300					18.9	268.1	28,200	50,600*	28.7	298.4	22,900	57,600*	300
305					14.5	250.8	27,100	48,600*	26.0	288.5	22,000	55,400*	305
310					7.9	223.9	25,900	46,500*	23.0	277.2	21,100	53,300*	310
315									19.6	263.9	20,200	51,300*	315
320									15.4	247.4	19,200	49,200*	320
325									9.4	223.4	18,300	47,200*	325



Liftcrane Luffing Jib Capacities

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

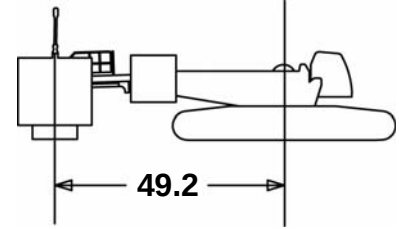
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



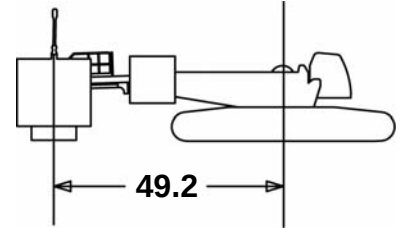
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

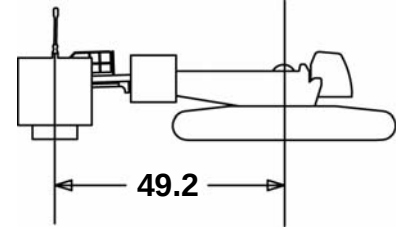
196.9 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
200	57.2	413.3	66,200	74,000*									200
205	55.9	409.9	63,700	74,000*									205
210	54.5	406.4	61,400	74,000*									210
215	53.1	402.6	59,100	74,000*	57.6	408.8	51,000	67,000*					215
220	51.7	398.7	57,000	74,000*	56.2	405.5	49,100	67,000*					220
225	50.2	394.6	54,900	74,000*	54.9	402.0	47,200	67,000*					225
230	48.7	390.2	53,000	74,000*	53.5	398.3	45,500	67,000*					230
235	47.2	385.6	51,100	72,700*	52.1	394.4	43,800	67,000*					235
240	45.6	380.7	49,300	69,800*	50.6	390.3	42,100	67,000*					240
245	44.0	375.6	47,600	67,000*	49.1	386.0	40,600	67,000*					245
250	42.4	370.2	45,900	64,300*	47.6	381.5	39,100	67,000*	52.3	388.2	32,400	61,300*	250
255	40.7	364.4	44,300	61,800*	46.1	376.7	37,600	67,000*	50.9	384.2	31,100	61,300*	255
260	38.9	358.3	42,800	59,400*	44.5	371.7	36,300	67,000*	49.4	379.9	29,900	61,300*	260
265	37.1	351.7	41,300	57,100*	42.9	366.3	34,900	65,300*	47.9	375.5	28,700	61,300*	265
270	35.1	344.7	39,900	54,900*	41.2	360.6	33,600	62,700*	46.4	370.7	27,500	61,300*	270
275	33.1	337.2	38,500	52,800*	39.4	354.6	32,400	60,300*	44.8	365.7	26,400	61,300*	275
280	31.0	329.0	37,200	50,800*	37.6	348.2	31,200	58,000*	43.2	360.4	25,300	61,300*	280
285	28.7	320.1	35,900	48,900*	35.7	341.3	30,000	55,700*	41.5	354.8	24,300	61,300*	285
290	26.2	310.2	34,700	47,000*	33.7	334.0	28,900	53,600*	39.7	348.9	23,300	60,900*	290
295	23.5	299.1	33,500	45,200*	31.6	326.0	27,800	51,600*	37.9	342.5	22,300	58,600*	295
300	20.4	286.3	32,300	43,400*	29.3	317.3	26,800	49,600*	36.0	335.7	21,300	56,300*	300
305	16.8	270.9	31,100	41,700*	26.9	307.7	25,700	47,800*	34.1	328.5	20,400	54,200*	305
310	12.1	250.6	29,900	39,900*	24.3	297.0	24,700	45,900*	32.0	320.6	19,500	52,200*	310
315	2.5	208.1	28,600	33,900*	21.3	284.7	23,800	44,200*	29.7	312.0	18,700	50,200*	315
320					17.9	270.2	22,800	42,400*	27.4	302.6	17,800	48,300*	320
325					13.6	251.7	21,800	40,700*	24.8	292.1	17,000	46,500*	325
330					6.9	222.4	20,800	38,900*	21.9	280.2	16,200	44,700*	330
335									18.5	266.1	15,400	43,000*	335
340									14.4	248.6	14,500	41,200*	340
345									8.5	222.6	13,700	39,500*	345



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

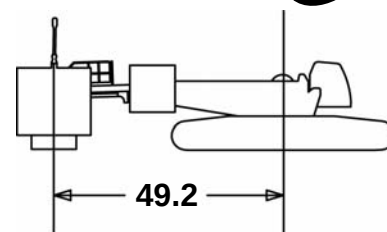
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 49.2 ft Position

360 Degree Rating



16000 MAX-ER

196.9 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
220	54.9	423.5	55,000	62,600*	57.7	425.8	45,100	56,500*					220
225	53.6	419.8	52,900	62,600*	56.5	422.5	43,300	56,500*					225
230	52.2	415.9	51,000	62,600*	55.2	419.0	41,600	56,500*					230
235	50.9	411.9	49,100	62,600*	53.9	415.4	40,000	56,500*					235
240	49.5	407.6	47,300	62,600*	52.6	411.6	38,500	56,500*					240
245	48.2	403.2	45,600	62,600*	51.3	407.6	37,000	56,500*					245
250	46.7	398.5	44,000	62,600*	49.9	403.4	35,600	56,500*					250
255	45.3	393.6	42,400	60,200*	48.6	399.0	34,200	56,500*	52.9	405.4	27,600	51,200*	255
260	43.8	388.4	40,900	57,800*	47.1	394.4	32,900	56,500*	51.5	401.5	26,400	51,200*	260
265	42.2	382.9	39,400	55,600*	45.7	389.6	31,600	56,500*	48.8	393.0	25,300	51,200*	265
270	40.7	377.2	38,000	53,400*	44.2	384.5	30,400	56,500*	47.4	388.4	24,200	51,200*	270
275	39.0	371.1	36,700	51,300*	42.7	379.1	29,200	56,400*	46.0	383.6	23,100	51,200*	275
280	37.3	364.6	35,400	49,300*	41.1	373.4	28,100	54,200*	44.5	378.5	22,100	51,200*	280
285	35.5	357.7	34,100	47,400*	39.5	367.4	26,900	52,100*	43.0	373.2	21,100	51,200*	285
290	33.7	350.3	32,900	45,600*	37.8	361.0	25,900	50,100*	41.4	367.6	20,200	51,200*	290
295	31.7	342.3	31,700	43,800*	36.0	354.2	24,800	48,200*	39.8	361.6	19,200	51,200*	295
300	29.7	333.7	30,600	42,100*	34.2	347.0	23,800	46,300*	38.1	355.3	18,300	50,600*	300
305	27.4	324.3	29,400	40,500*	32.3	339.2	22,900	44,500*	36.4	348.6	17,500	48,700*	305
310	25.0	313.9	28,400	38,900*	30.3	330.8	21,900	42,800*	34.5	341.4	16,600	46,800*	310
315	22.4	302.2	27,300	37,300*	28.1	321.6	21,000	41,100*	32.6	333.7	15,800	45,000*	315
320	19.4	288.8	26,200	35,800*	25.7	311.5	20,100	39,500*	30.6	325.5	15,000	43,300*	320
325	15.9	272.5	25,200	34,300*	23.2	300.3	19,200	38,000*	28.5	316.5	14,200	41,600*	325
330	11.3	250.9	24,200	32,800*	20.3	287.4	18,300	36,400*	26.2	306.5	13,500	40,000*	330
335					17.0	272.1	17,500	34,900*	23.7	295.5	12,700	38,500*	335
340					12.8	252.5	16,600	33,500*	20.9	283.0	12,000	36,900*	340
345					6.0	220.4	15,700	31,900*	17.6	268.2	11,300	35,400*	345
350									13.6	249.6	10,600	34,000*	350
355									7.7	221.6	9,800	32,400*	355
360													360
365													365

Liftcrane Luffing Jib Capacities

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

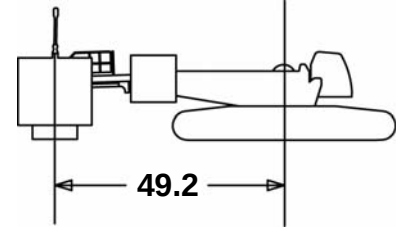
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



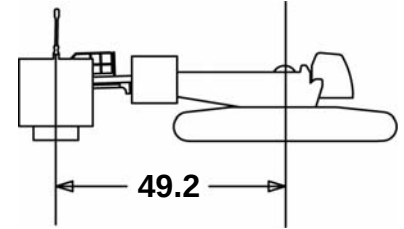
16000 MAX-ER

216.5 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85	62.0	291.3	245,000	281,400*b	85
90	57.8	288.2	228,900	267,800*b	90
95	53.2	284.5	214,700	254,100*b	95
100	48.4	280.2	201,900	240,500*	100
105	43.2	275.0	190,400	227,000*	105
110	37.3	268.7	180,000	213,600*	110
115	30.4	260.6	170,400	200,000*	115
120	21.5	249.5	161,500	185,800*	120
125					125
130					130
135					135
140					140
145					145
150					150
155					155
160					160
165					165
170					170
175					175

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
85													85
90													90
95													95
100													100
105	60.8	286.1	174,500	261,700*b									105
110	56.4	282.8	165,000	250,100*b									110
115	51.8	278.9	156,300	238,100*b									115
120	46.9	274.4	148,500	225,900*									120
125	41.5	268.9	141,200	213,500*									125
130	35.4	262.1	134,500	201,100*	54.7	275.4	122,200	202,400*b					130
135	28.1	253.4	128,200	188,200*	50.0	271.3	116,600	194,200*					135
140	18.0	240.5	122,200	174,300*	44.9	266.4	111,400	186,600*					140
145					39.2	260.5	106,500	179,500*					145
150					32.8	253.1	101,900	172,500	52.4	265.9	91,800	164,700b	150
155					24.7	243.2	97,600	165,800	47.5	261.4	88,000	158,400	155
160					11.7	226.1	93,200	159,300	42.1	256.0	84,400	152,500	160
165									36.1	249.4	80,900	146,900	165
170									29.0	241.0	77,600	141,700	170
175									19.4	228.8	74,400	136,600	175

Liftcrane Luffing Jib Capacities

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

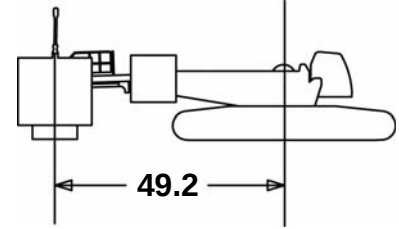
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



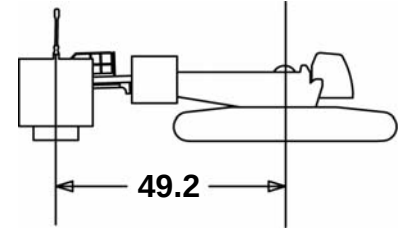
16000 MAX-ER

216.5 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95	61.5	308.3	213,900	243,400*b	95
100	58.1	305.2	201,200	233,300*	100
105	54.6	301.7	189,800	223,200*	105
110	50.8	297.6	179,500	213,100*	110
115	46.9	293.0	170,100	203,200*	115
120	42.6	287.7	161,600	193,300*	120
125	38.0	281.5	153,700	183,600*	125
130	32.7	274.0	146,400	173,800*	130
135	26.6	264.7	139,600	163,700*	135
140	18.4	251.6	133,200	153,000*	140
145					145
150					150
155					155
160					160
165					165
170					170
175					175
180					180
185					185
190					190
195					195

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
95													95
100													100
105													105
110													110
115	60.5	303.0	155,200	228,300*b									115
120	57.1	299.8	147,400	219,800*									120
125	53.5	296.1	140,200	210,900*									125
130	49.7	292.0	133,600	202,000*									130
135	45.6	287.2	127,500	192,900*									135
140	41.3	281.6	121,900	183,800*	55.7	292.5	110,100	185,300*					140
145	36.5	275.0	116,600	174,600*	52.0	288.6	105,400	178,300*					145
150	31.0	267.1	111,600	165,300*	48.1	284.2	100,900	171,500					150
155	24.4	257.0	106,900	155,600*	44.0	279.1	96,700	164,900					155
160	15.1	241.8	102,400	144,800*	39.5	273.2	92,800	158,800					160
165					34.5	266.2	89,100	153,000	50.1	279.0	79,600	145,700	165
170					28.6	257.6	85,600	147,600	46.1	274.2	76,500	140,600	170
175					21.3	246.1	82,200	142,400	41.8	268.7	73,600	135,800	175
180					9.0	225.5	78,700	134,800*	37.0	262.3	70,800	131,200	180
185									31.7	254.6	68,100	126,900	185
190									25.2	244.7	65,500	122,700	190
195									16.4	230.5	62,900	118,800	195

Liftcrane Luffing Jib Capacities

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

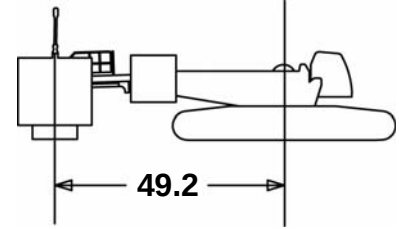
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



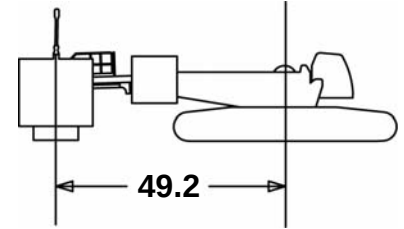
16000 MAX-ER

216.5 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	61.2	325.2	188,300	213,200*	105
110	58.3	322.2	178,000	205,500*	110
115	55.4	318.7	168,700	197,700*	115
120	52.4	314.9	160,200	190,000*	120
125	49.2	310.6	152,400	182,400*	125
130	45.8	305.9	145,200	174,800*	130
135	42.2	300.5	138,600	167,300*	135
140	38.4	294.3	132,500	159,700*	140
145	34.2	287.1	126,700	151,800*	145
150	29.4	278.7	121,400	144,600*	150
155	23.7	268.1	116,300	137,100*	155
160	16.1	253.2	111,500	128,600*	160
165					165
170					170
175					175
180					180
185					185
190					190
195					195
200					200
205					205
210					210
215					215

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105													105
110													110
115													115
120													120
125	60.3	320.0	138,300	201,200*									125
130	57.5	316.8	131,800	194,800*									130
135	54.5	313.3	125,700	188,100*									135
140	51.4	309.3	120,100	181,200*									140
145	48.2	304.9	115,000	174,300*									145
150	44.8	300.0	110,100	167,300*	56.3	309.5	98,800	169,700					150
155	41.1	294.3	105,600	160,300*	53.3	305.8	94,700	163,200					155
160	37.2	287.9	101,300	153,200*	50.2	301.7	90,900	157,100					160
165	32.8	280.4	97,300	146,100*	46.9	297.1	87,300	151,400					165
170	27.8	271.4	93,500	138,700*	43.4	291.9	83,900	146,000					170
175	21.7	259.9	89,900	131,100*	39.6	286.0	80,700	141,000	51.8	296.3	71,400	133,900	175
180	13.0	242.6	86,300	122,400*	35.5	279.2	77,600	136,300	48.5	291.9	68,600	129,400	180
185					31.0	271.2	74,700	131,800	45.1	287.0	66,100	125,200	185
190					25.6	261.4	71,900	127,500	41.5	281.5	63,600	121,200	190
195					18.8	248.3	69,200	123,400	37.6	275.2	61,300	117,300	195
200					6.6	223.7	66,400	114,400*	33.3	267.8	59,000	113,700	200
205									28.4	259.0	56,900	110,300	205
210									22.5	247.9	54,800	106,900	210
215									14.2	231.6	52,700	103,700	215

Liftcrane Luffing Jib Capacities

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

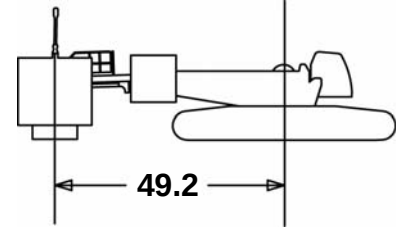
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



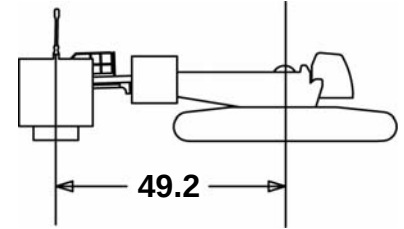
16000 MAX-ER

216.5 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115	60.9	342.2	167,500	187,700*	115
120	58.5	339.1	159,100	181,700*	120
125	56.0	335.8	151,300	175,800*	125
130	53.4	332.1	144,100	169,700*	130
135	50.7	328.0	137,600	162,300*	135
140	48.0	323.6	131,500	154,900*	140
145	45.0	318.7	125,800	147,700*	145
150	42.0	313.2	120,500	140,700*	150
155	38.7	307.1	115,600	134,100*	155
160	35.1	300.1	111,000	127,800*	160
165	31.2	292.2	106,600	121,900*	165
170	26.8	282.7	102,500	116,600*	170
175	21.5	271.0	98,500	112,000*	175
180	14.2	254.4	94,700	107,600*	180
185					185
190					190
195					195
200					200
205					205
210					210
215					215
220					220
225					225
230					230
235					235

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115													115
120													120
125													125
130	62.6	339.8	130,300	182,500*									130
135	60.2	336.9	124,300	178,000*									135
140	57.8	333.8	118,700	173,100*									140
145	55.2	330.4	113,600	167,900*									145
150	52.6	326.6	108,800	162,600*									150
155	49.9	322.4	104,300	157,200*									155
160	47.1	317.8	100,100	151,700*	56.8	326.5	89,300	155,700					160
165	44.1	312.7	96,200	146,200*	54.2	323.0	85,700	150,000					165
170	41.0	307.1	92,400	140,700*	51.6	319.0	82,400	144,700					170
175	37.7	300.7	88,900	135,100*	48.9	314.7	79,200	139,700					175
180	34.0	293.5	85,600	129,500*	46.0	309.9	76,200	135,000					180
185	30.0	285.2	82,500	123,700*	43.0	304.6	73,400	130,600	52.9	313.5	64,400	123,700	185
190	25.3	275.2	79,400	117,900*	39.7	298.7	70,700	126,400	50.2	309.4	62,000	119,800	190
195	19.6	262.4	76,500	111,600*	36.3	292.1	68,200	122,400	47.4	304.8	59,700	116,000	195
200	11.2	242.8	73,600	104,500*	32.5	284.5	65,700	118,700	44.5	299.8	57,600	112,400	200
205					28.2	275.6	63,400	115,100	41.4	294.2	55,500	109,000	205
210					23.3	264.7	61,100	111,600	38.0	288.0	53,500	105,800	210
215					16.9	250.1	58,900	105,700*	34.4	280.9	51,600	102,700	215
220					4.2	220.1	56,500	97,900*	30.4	272.6	49,800	99,800	220
225									25.8	262.9	48,000	96,900	225
230									20.3	250.5	46,300	94,200	230
235									12.4	232.1	44,500	91,500	235

Liftcrane Luffing Jib Capacities

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

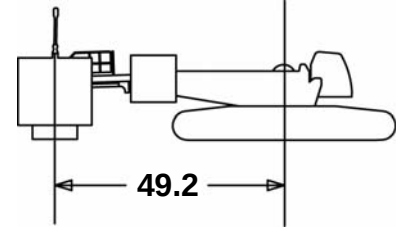
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



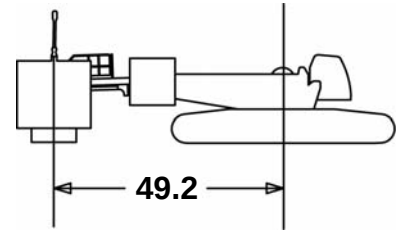
16000 MAX-ER

216.5 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
130	58.6	356.1	142,500	159,400*	130
135	56.4	352.8	135,900	153,800*	135
140	54.2	349.2	129,800	148,100*	140
145	51.9	345.3	124,200	142,200*	145
150	49.5	341.1	119,000	136,200*	150
155	47.1	336.5	114,100	130,400*	155
160	44.5	331.5	109,500	124,700*	160
165	41.8	325.9	105,200	119,200*	165
170	38.9	319.9	101,100	113,900*	170
175	35.8	313.1	97,300	108,900*	175
180					180
185					185
190					190
195					195
200					200
205					205
210					210
215					215
220					220
225					225
230					230
235					235
240					240
245					245
250					250
255					255

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

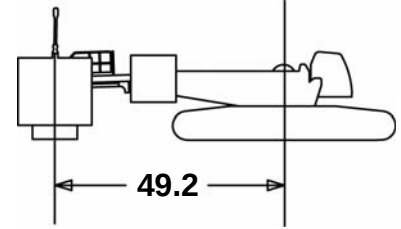
216.5 ft Boom, 157.5 ft Luffing Jib

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	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
130													130
135													135
140	62.2	356.7	116,700	155,600*									140
145	60.1	353.9	111,500	155,600*									145
150	58.0	350.8	106,800	154,800*									150
155	55.8	347.4	102,300	150,800*									155
160	53.5	343.7	98,200	146,600*									160
165	51.2	339.7	94,300	142,300*									165
170	48.8	335.4	90,600	138,000*	57.1	343.5	80,200	142,900					170
175	46.3	330.7	87,100	133,500*	54.9	340.0	77,000	137,900					175
180	43.7	325.5	83,900	129,100*	52.6	336.2	74,100	133,200					180
185	40.9	319.8	80,800	124,600*	50.3	332.1	71,300	128,900					185
190	38.0	313.5	77,900	120,100*	47.8	327.6	68,700	124,700					190
195	34.9	306.5	75,100	115,500*	45.3	322.8	66,200	120,800					195
200	31.5	298.6	72,400	110,100*	42.6	317.4	63,800	117,000	51.5	326.7	55,300	110,600	200
205	27.7	289.4	69,900	105,000*	39.8	311.5	61,500	113,500	49.1	322.4	53,300	107,200	205
210	23.3	278.5	67,400	100,200*	36.8	305.0	59,400	110,100	46.6	317.7	51,300	104,000	210
215	17.9	264.5	65,000	95,600*	33.6	297.6	57,300	106,900	44.0	312.6	49,500	101,000	215
220	9.7	242.5	62,600	89,100*	30.0	289.2	55,300	103,800	41.2	307.0	47,700	98,100	220
225					26.1	279.5	53,400	100,900	38.3	300.8	46,000	95,300	225
230					21.3	267.6	51,500	96,500*	35.2	293.8	44,400	92,700	230
235					15.2	251.6	49,600	91,200*	31.8	286.0	42,800	90,100	235
240									28.1	277.0	41,300	87,700	240
245									23.8	266.3	39,800	85,300	245
250									18.5	252.7	38,400	83,000	250
255									10.9	232.3	36,900	80,800	255



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



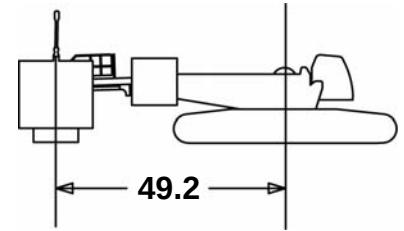
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

216.5 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
150	61.9	373.7	105,200	131,800*									150
155	60.1	370.8	100,800	131,800*									155
160	58.2	367.7	96,600	131,800*									160
165	56.2	364.4	92,700	131,800*									165
170	54.2	360.8	89,100	131,800*									170
175	52.2	357.0	85,700	129,200*									175
180	50.1	352.8	82,400	125,700*	57.4	360.5	72,400	120,100*					180
185	47.9	348.4	79,400	122,100*	55.4	357.1	69,600	120,100*					185
190	45.7	343.5	76,500	118,500*	53.4	353.4	67,000	120,100*					190
195	43.3	338.3	73,700	114,800*	51.4	349.4	64,600	119,400					195
200	40.9	332.6	71,100	109,600*	49.2	345.2	62,200	115,700					200
205	38.3	326.3	68,600	104,600*	47.0	340.5	60,000	112,200					205
210	35.5	319.5	66,200	100,000*	44.8	335.6	57,800	108,800	52.4	343.9	49,600	102,500	210
215	32.6	311.8	64,000	95,600*	42.4	330.1	55,800	105,600	50.3	339.8	47,800	99,500	215
220	29.4	303.2	61,800	91,500*	39.9	324.2	53,900	102,600	48.1	335.4	46,000	96,700	220
225	25.8	293.3	59,700	87,600*	37.2	317.8	52,000	99,700	45.9	330.6	44,400	93,900	225
230	21.6	281.4	57,600	83,900*	34.4	310.6	50,200	96,900	43.6	325.4	42,800	91,300	230
235	16.4	266.2	55,700	80,300*	31.4	302.7	48,500	94,300	41.1	319.7	41,300	88,800	235
240	8.3	241.6	53,600	74,300*	28.0	293.6	46,800	90,300*	38.6	313.5	39,800	86,400	240
245					24.2	283.0	45,200	86,500*	35.8	306.7	38,400	84,100	245
250					19.8	270.1	43,600	82,900*	32.9	299.2	37,000	81,900	250
255					13.9	252.6	42,000	79,300*	29.7	290.7	35,700	79,700	255
260									26.2	280.9	34,400	77,700	260
265									22.1	269.3	33,200	75,700	265
270									17.0	254.6	31,900	73,700	270
275									9.5	231.9	30,600	71,800	275



Liftcrane Luffing Jib Capacities

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

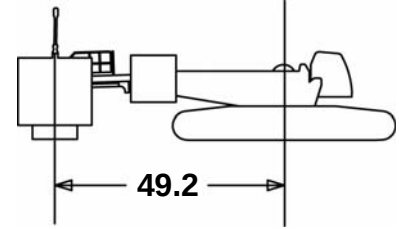
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



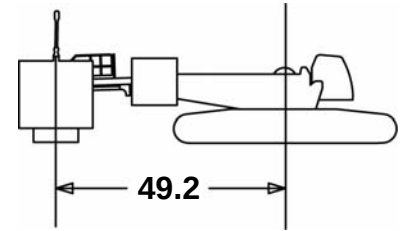
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

216.5 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
160	61.7	390.7	94,600	111,300*									160
165	60.0	387.8	90,700	111,300*									165
170	58.3	384.7	87,100	111,300*									170
175	56.5	381.4	83,600	111,300*									175
180	54.8	377.9	80,400	111,300*									180
185	52.9	374.2	77,400	111,300*									185
190	51.1	370.1	74,500	111,300*	57.6	377.5	64,800	100,800*					190
195	49.2	365.9	71,800	110,400*	55.9	374.1	62,400	100,800*					195
200	47.2	361.3	69,200	107,500*	54.1	370.5	60,100	100,800*					200
205	45.1	356.3	66,800	104,100*	52.2	366.7	57,800	100,800*					205
210	43.0	351.0	64,400	99,400*	50.3	362.5	55,700	100,800*					210
215	40.8	345.3	62,200	95,100*	48.4	358.1	53,700	100,800*					215
220	38.5	339.1	60,000	91,000*	46.4	353.4	51,800	100,800*					220
225	36.0	332.4	58,000	87,200*	44.3	348.4	50,000	98,000	51.3	357.1	42,100	92,100	225
230	33.4	325.0	56,000	83,600*	42.2	342.9	48,200	95,300	49.4	352.8	40,600	89,500	230
235	30.6	316.7	54,200	80,100*	39.9	337.0	46,600	92,700	47.4	348.3	39,100	87,000	235
240	27.6	307.5	52,300	76,900*	37.6	330.6	44,900	89,800*	45.4	343.4	37,600	84,600	240
245	24.1	296.8	50,600	73,800*	35.1	323.6	43,400	86,100*	43.3	338.1	36,300	82,300	245
250	20.2	284.0	48,900	70,800*	32.4	315.9	41,900	82,500*	41.1	332.5	34,900	80,100	250
255	15.2	267.6	47,200	67,800*	29.5	307.3	40,400	79,200*	38.7	326.3	33,700	78,000	255
260	7.0	240.2	45,400	62,100*	26.3	297.5	39,000	76,000*	36.3	319.6	32,400	76,000	260
265					22.7	286.2	37,700	72,900*	33.7	312.3	31,200	74,100	265
270					18.4	272.3	36,300	70,000*	31.0	304.2	30,100	72,200	270
275					12.7	253.3	34,900	67,100*	27.9	295.0	28,900	70,400	275
280									24.5	284.5	27,800	68,600	280
285									20.6	272.0	26,800	66,900	285
290									15.8	256.1	25,700	65,300	290
295									8.3	231.1	24,500	63,600	295



Liftcrane Luffing Jib Capacities

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

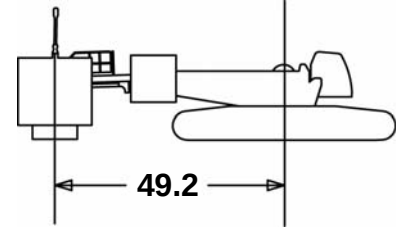
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



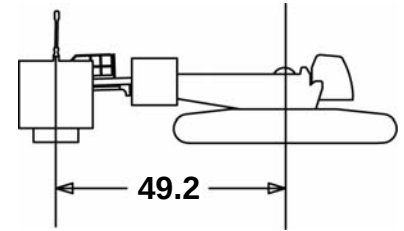
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

216.5 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
175	59.9	404.7	81,600	94,000*									175
180	58.4	401.7	78,400	94,000*									180
185	56.8	398.4	75,400	94,000*									185
190	55.2	395.0	72,500	94,000*									190
195	53.6	391.3	69,800	94,000*									195
200	51.9	387.4	67,300	94,000*	57.8	394.5	57,900	86,000*					200
205	50.2	383.2	64,800	94,000*	56.2	391.1	55,700	86,000*					205
210	48.4	378.8	62,500	94,000*	54.6	387.6	53,600	86,000*					210
215	46.6	374.1	60,300	93,200*	52.9	383.8	51,600	86,000*					215
220	44.7	369.1	58,200	89,200*	51.2	379.9	49,700	86,000*					220
225	42.8	363.8	56,100	85,400*	49.5	375.6	47,900	86,000*					225
230	40.8	358.1	54,200	81,900*	47.7	371.1	46,200	86,000*					230
235	38.7	351.9	52,300	78,500*	45.9	366.3	44,500	86,000*	52.1	374.3	36,900	79,400*	235
240	36.5	345.2	50,600	75,400*	44.0	361.1	42,900	86,000*	50.4	370.2	35,500	79,400*	240
245	34.1	338.0	48,800	72,400*	42.0	355.6	41,400	84,300*	48.6	365.8	34,100	79,400*	245
250	31.7	330.0	47,200	69,500*	40.0	349.7	39,900	80,800*	46.8	361.2	32,800	78,400	250
255	29.0	321.2	45,600	66,800*	37.8	343.4	38,500	77,600*	44.9	356.2	31,600	76,300	255
260	26.0	311.4	44,100	64,200*	35.6	336.5	37,200	74,500*	43.0	350.9	30,300	74,300	260
265	22.8	300.0	42,600	61,700*	33.2	329.0	35,800	71,500*	41.0	345.2	29,200	72,400	265
270	18.9	286.4	41,100	59,300*	30.6	320.8	34,600	68,800*	38.9	339.1	28,100	70,500	270
275	14.1	268.7	39,600	56,900*	27.9	311.6	33,300	66,100*	36.7	332.5	27,000	68,800	275
280	5.8	238.0	38,100	51,400*	24.8	301.2	32,100	63,500*	34.4	325.3	25,900	67,000	280
285					21.4	289.1	30,900	61,100*	31.9	317.5	24,900	65,400	285
290					17.2	274.2	29,800	58,700*	29.3	308.8	23,900	63,800	290
295					11.6	253.7	28,600	56,300*	26.4	299.0	22,900	62,200	295
300									23.1	287.8	22,000	60,700	300
305									19.4	274.5	21,000	59,200	305
310									14.7	257.4	20,100	57,700	310
315									7.2	229.8	19,000	55,200*	315



Liftcrane Luffing Jib Capacities

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

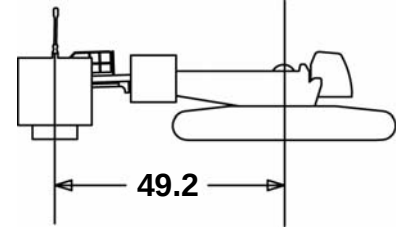
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



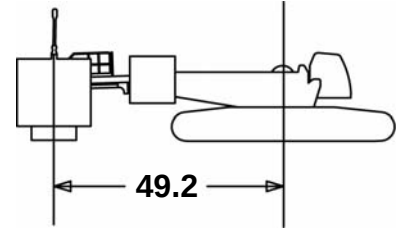
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

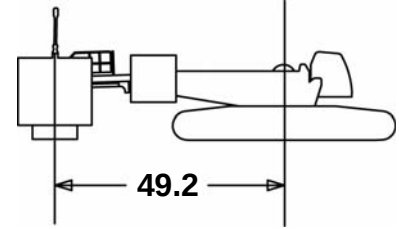
216.5 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
190	58.5	418.6	70,600	80,500*									190
195	57.0	415.4	67,900	80,500*									195
200	55.6	412.0	65,300	80,500*									200
205	54.1	408.4	62,900	80,500*									205
210	52.6	404.6	60,600	80,500*	57.9	411.4	51,500	73,200*					210
215	51.0	400.6	58,400	80,500*	56.5	408.1	49,500	73,200*					215
220	49.4	396.3	56,300	80,500*	55.0	404.7	47,700	73,200*					220
225	47.8	391.8	54,300	80,500*	53.5	401.0	45,900	73,200*					225
230	46.1	387.0	52,400	80,500*	52.0	397.1	44,200	73,200*					230
235	44.4	381.9	50,500	77,500*	50.4	393.0	42,500	73,200*					235
240	42.6	376.5	48,800	74,300*	48.8	388.6	40,900	73,200*					240
245	40.7	370.8	47,100	71,300*	47.1	384.0	39,400	73,200*	52.7	391.5	31,900	67,100*	245
250	38.8	364.7	45,500	68,500*	45.4	379.1	38,000	73,200*	51.2	387.5	30,700	67,100*	250
255	36.8	358.1	43,900	65,800*	43.7	373.9	36,600	73,200*	49.6	383.3	29,400	67,100*	255
260	34.7	351.0	42,400	63,200*	41.9	368.4	35,300	73,200*	47.9	378.8	28,200	67,100*	260
265	32.5	343.2	41,000	60,700*	40.0	362.5	34,000	70,400*	46.3	374.0	27,100	67,100*	265
270	30.1	334.8	39,600	58,400*	38.0	356.2	32,700	67,700*	44.6	369.0	26,000	67,100*	270
275	27.5	325.5	38,200	56,100*	36.0	349.4	31,500	65,000*	42.8	363.7	24,900	67,100*	275
280	24.7	315.0	36,900	54,000*	33.9	342.1	30,300	62,500*	40.9	358.0	23,900	65,400	280
285	21.5	302.9	35,600	51,900*	31.6	334.1	29,200	60,100*	39.0	351.9	22,900	63,700	285
290	17.8	288.4	34,300	49,800*	29.1	325.4	28,100	57,800*	37.0	345.3	21,900	62,200	290
295	13.1	269.5	33,100	47,800*	26.5	315.6	27,000	55,500*	34.9	338.3	21,000	60,600	295
300	4.5	234.8	31,700	42,400*	23.5	304.6	26,000	53,400*	32.7	330.6	20,100	59,100	300
305					20.2	291.7	25,000	51,300*	30.4	322.3	19,200	57,700	305
310					16.2	275.9	23,900	49,300*	27.8	313.0	18,300	56,300	310
315					10.7	253.8	22,900	47,300*	25.0	302.7	17,500	54,700*	315
320									21.9	290.8	16,700	52,600*	320
325									18.3	276.7	15,800	50,600*	325
330									13.7	258.4	15,000	48,600*	330
335									6.1	227.8	14,100	46,400*	335



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



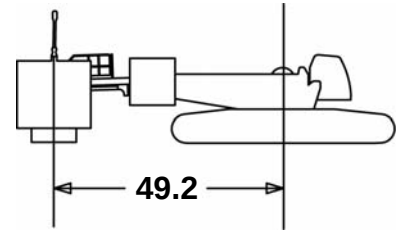
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

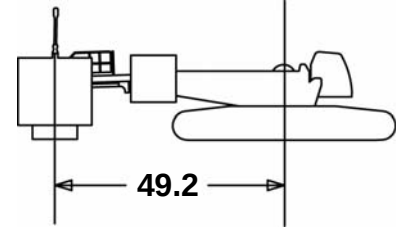
216.5 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
205	57.2	432.4	61,300	68,800*									205
210	55.9	429.0	59,000	68,800*									210
215	54.5	425.5	56,800	68,800*									215
220	53.1	421.7	54,700	68,800*									220
225	51.7	417.8	52,700	68,800*	56.7	425.1	44,100	62,900*					225
230	50.2	413.7	50,800	68,800*	55.4	421.7	42,400	62,900*					230
235	48.7	409.3	49,000	68,800*	54.0	418.1	40,800	62,900*					235
240	47.2	404.7	47,200	68,800*	52.6	414.3	39,200	62,900*					240
245	45.7	399.9	45,500	68,800*	51.1	410.3	37,700	62,900*					245
250	44.1	394.7	43,900	67,000*	49.7	406.0	36,300	62,900*					250
255	42.4	389.3	42,400	64,400*	48.2	401.6	34,900	62,900*	51.8	404.7	26,400	57,400*	255
260	40.7	383.5	40,900	61,800*	46.6	396.9	33,600	62,900*	50.4	400.6	25,300	57,400*	260
265	38.9	377.4	39,500	59,400*	45.1	391.9	32,300	62,900*	48.9	396.3	24,200	57,400*	265
270	37.1	370.9	38,100	57,100*	43.4	386.7	31,100	62,900*	47.4	391.7	23,200	57,400*	270
275	35.2	363.9	36,700	54,900*	41.8	381.1	29,900	62,900*	45.8	386.9	22,100	57,400*	275
280	33.1	356.4	35,400	52,800*	40.0	375.3	28,700	61,100*	44.2	381.8	21,200	57,400*	280
285	31.0	348.2	34,200	50,800*	38.2	369.0	27,600	58,700*	42.6	376.4	20,200	57,400*	285
290	28.7	339.3	33,000	48,900*	36.4	362.3	26,500	56,500*	40.9	370.7	19,300	57,400*	290
295	26.2	329.4	31,800	47,000*	34.4	355.1	25,500	54,300*	39.1	364.6	18,400	57,400*	295
300	23.5	318.4	30,700	45,200*	32.3	347.3	24,500	52,300*	37.3	358.1	17,500	56,300	300
305	20.5	305.6	29,500	43,400*	30.1	338.9	23,500	50,300*	35.4	351.2	16,700	55,000	305
310	16.8	290.3	28,400	41,700*	27.8	329.6	22,600	48,400*	33.4	343.7	15,900	53,500*	310
315	12.2	270.1	27,300	40,000*	25.2	319.3	21,600	46,600*	31.2	335.6	15,100	51,500*	315
320	3.0	229.6	26,100	34,400*	22.4	307.7	20,700	44,800*	29.0	326.8	14,300	49,600*	320
325					19.1	294.1	19,800	43,000*	26.5	317.1	13,600	47,700*	325
330					15.2	277.3	18,900	41,300*	23.8	306.1	12,800	45,900*	330
335					9.8	253.6	18,000	39,500*	20.8	293.6	12,100	44,100*	335
340									17.3	278.6	11,400	42,400*	340
345									12.8	259.2	10,600	40,700*	345
350									5.0	225.0	9,800	38,800*	350
355													355



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



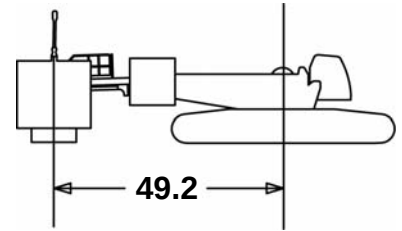
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

216.5 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
225	54.9	442.5	50,600	58,100*									225
230	53.6	438.9	48,700	58,100*									230
235	52.3	435.0	46,900	58,100*	56.9	442.1	38,600	52,800*					235
240	50.9	431.0	45,200	58,100*	55.7	438.7	37,000	52,800*					240
245	49.6	426.7	43,500	58,100*	54.4	435.2	35,500	52,800*					245
250	48.2	422.3	41,900	58,100*	53.1	431.4	34,100	52,800*					250
255	46.8	417.6	40,400	58,100*	51.8	427.5	32,700	52,800*					255
260	45.3	412.7	38,900	58,100*	50.4	423.4	31,400	52,800*					260
265	43.8	407.5	37,500	58,100*	49.0	419.1	30,200	52,800*					265
270	42.3	402.1	36,200	56,200*	47.6	414.5	29,000	52,800*	52.4	421.9	21,900	47,900*	270
275	40.7	396.3	34,800	54,000*	46.2	409.8	27,800	52,800*	51.1	417.9	20,900	47,900*	275
280	39.0	390.2	33,600	51,900*	44.7	404.7	26,700	52,800*	49.7	413.7	19,900	47,900*	280
285	37.3	383.7	32,300	49,800*	43.2	399.5	25,600	52,800*	48.3	409.3	18,900	47,900*	285
290	35.6	376.8	31,100	47,900*	41.7	393.9	24,500	52,800*	46.9	404.6	18,000	47,900*	290
295	33.7	369.4	30,000	46,000*	40.1	388.0	23,500	52,800*	45.5	399.7	17,100	47,900*	295
300	31.8	361.5	28,900	44,200*	38.4	381.8	22,500	51,300*	44.0	394.6	16,200	47,900*	300
305	29.7	352.9	27,800	42,500*	36.7	375.1	21,500	49,300*	42.4	389.2	15,400	47,900*	305
310	27.5	343.5	26,700	40,800*	34.9	368.0	20,600	47,400*	40.9	383.4	14,600	47,900*	310
315	25.1	333.1	25,700	39,200*	33.0	360.5	19,700	45,600*	39.2	377.4	13,800	47,900*	315
320	22.5	321.5	24,700	37,600*	31.0	352.3	18,800	43,800*	37.5	370.9	13,000	47,900*	320
325	19.5	308.1	23,700	36,100*	28.9	343.4	18,000	42,100*	35.8	364.1	12,300	47,900*	325
330	16.0	291.9	22,800	34,600*	26.6	333.6	17,100	40,400*	33.9	356.7	11,500	46,700*	330
335	11.4	270.5	21,800	33,000*	24.1	322.8	16,300	38,800*	32.0	348.9	10,800	44,900*	335
340					21.4	310.6	15,500	37,300*	29.9	340.4	10,100	43,100*	340
345					18.2	296.2	14,700	35,700*	27.7	331.1	9,400	41,400*	345
350					14.4	278.5	13,900	34,200*	25.4	320.8	8,800	39,800*	350
355					9.0	253.1	13,100	32,700*	22.8	309.3	8,100	38,200*	355
360									19.8	296.1	7,500	36,700*	360
365									16.4	280.3	6,800	35,200*	365
370									12.0	259.7	6,100	33,700*	370
375									3.8	221.0	5,400	32,000*	375

Liftcrane Luffing Jib Capacities

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

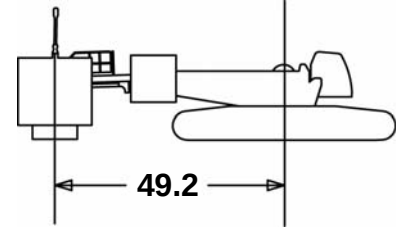
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



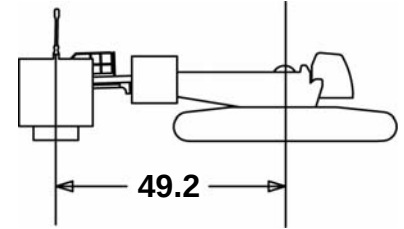
16000 MAX-ER

236.2 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90	60.7	309.8	225,600	252,600*b	90
95	56.4	306.5	211,500	240,700*b	95
100	51.8	302.6	199,000	228,800*b	100
105	46.8	298.0	187,600	216,800*	105
110	41.4	292.5	177,300	204,900*	110
115	35.3	285.7	168,000	192,900*	115
120	27.9	277.0	159,300	180,700*	120
125					125
130					130
135					135
140					140
145					145
150					150
155					155
160					160
165					165
170					170
175					175
180					180
185					185

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

236.2 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
90													90
95													95
100													100
105													105
110	60.9	305.1	160,200	235,500*b									110
115	56.5	301.9	151,800	225,500*b									115
120	51.9	298.0	144,100	215,100*b									120
125	47.0	293.5	137,100	204,500*									125
130	41.6	288.0	130,600	193,800*									130
135	35.5	281.3	124,500	182,800*	56.3	295.2	111,200	189,900*b					135
140	28.3	272.6	118,800	171,500*	51.7	291.3	106,200	182,400*b					140
145	18.3	259.8	113,400	159,200*	46.7	286.7	101,600	175,500*					145
150					41.3	281.1	97,200	168,800					150
155					35.1	274.3	93,100	162,300					155
160					27.8	265.5	89,200	156,100	50.8	282.3	78,600	148,000b	160
165					17.5	252.3	85,400	149,300*	45.7	277.5	75,400	142,600	165
170									40.2	271.8	72,400	137,600	170
175									33.9	264.7	69,500	132,800	175
180									26.1	255.3	66,700	128,200	180
185									14.7	240.4	63,900	123,800	185

Liftcrane Luffing Jib Capacities

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

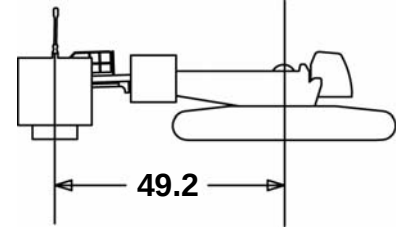
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



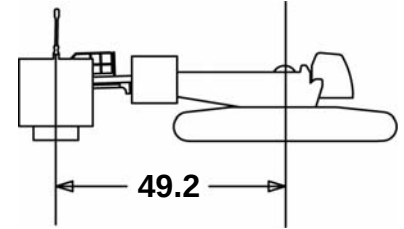
16000 MAX-ER

236.2 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105	57.0	323.5	186,900	211,400*	105
110	53.4	319.8	176,700	202,500*	110
115	49.6	315.6	167,500	193,700*	115
120	45.5	310.8	159,000	184,900*	120
125	41.2	305.2	151,300	176,100*	125
130	36.4	298.7	144,100	167,300*	130
135	30.9	290.7	137,500	158,300*	135
140	24.3	280.5	131,300	149,100*	140
145					145
150					150
155					155
160					160
165					165
170					170
175					175
180					180
185					185
190					190
195					195
200					200
205					205

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

236.2 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
105													105
110													110
115													115
120	60.6	322.1	142,900	206,700* ^b									120
125	57.1	318.9	135,900	199,300*									125
130	53.5	315.2	129,500	191,600*									130
135	49.7	311.1	123,600	183,700*									135
140	45.7	306.3	118,100	175,900*									140
145	41.4	300.7	113,000	167,800*	56.9	312.2	100,200	174,100*					145
150	36.6	294.2	108,200	159,500*	53.3	308.5	95,900	167,600					150
155	31.1	286.3	103,700	151,300*	49.5	304.3	92,000	161,200					155
160	24.6	276.2	99,400	142,600*	45.5	299.5	88,200	155,200					160
165	15.4	261.2	95,200	133,100*	41.1	293.9	84,700	149,500					165
170					36.3	287.3	81,400	144,200	52.6	299.6	70,900	136,300	170
175					30.8	279.3	78,200	139,300	48.8	295.3	68,200	131,600	175
180					24.1	269.0	75,200	134,300*	44.7	290.3	65,600	127,200	180
185					14.6	253.5	72,100	125,600*	40.2	284.5	63,100	123,000	185
190									35.3	277.7	60,700	119,000	190
195									29.6	269.4	58,400	115,300	195
200									22.7	258.5	56,200	111,700	200
205									12.0	240.8	53,900	108,100	205

Liftcrane Luffing Jib Capacities

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

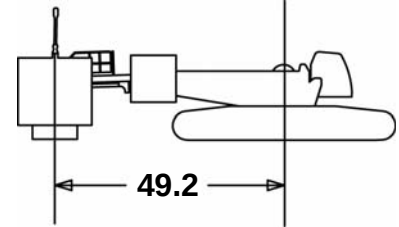
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



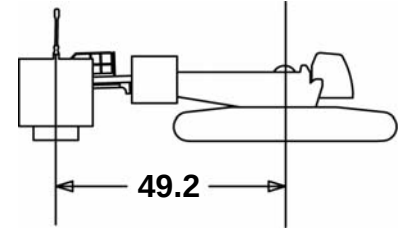
16000 MAX-ER

236.2 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	80 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115	57.4	340.5	165,900	184,900*	115
120	54.5	337.0	157,500	177,400*	120
125	51.4	333.0	149,900	169,800*	125
130	48.1	328.6	142,800	162,200*	130
135	44.7	323.6	136,300	154,700*	135
140	41.0	318.0	130,200	147,600*	140
145	37.1	311.5	124,600	140,800*	145
150	32.7	304.0	119,300	134,500*	150
155	27.7	295.0	114,400	128,800*	155
160	21.6	283.4	109,700	123,900*	160
165					165
170					170
175					175
180					180
185					185
190					190
195					195
200					200
205					205
210					210
215					215
220					220
225					225

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

236.2 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115													115
120													120
125													125
130	60.4	339.0	127,500	181,600*									130
135	57.5	335.9	121,700	176,000*									135
140	54.6	332.4	116,200	170,100*									140
145	51.5	328.4	111,200	164,100*									145
150	48.2	324.0	106,500	157,900*									150
155	44.8	319.1	102,100	151,900*	57.4	329.2	89,700	159,300					155
160	41.2	313.5	98,000	145,600*	54.4	325.6	86,100	153,300					160
165	37.2	307.1	94,100	139,300*	51.3	321.7	82,600	147,800					165
170	32.9	299.6	90,400	132,900*	48.0	317.2	79,400	142,500					170
175	27.9	290.6	86,900	126,400*	44.6	312.3	76,300	137,600					175
180	21.9	279.2	83,600	119,600*	41.0	306.6	73,400	133,000					180
185	13.2	262.0	80,300	111,900*	37.0	300.2	70,700	128,600	50.7	312.7	60,800	121,100	185
190					32.6	292.6	68,100	124,500	47.4	308.2	58,500	117,200	190
195					27.6	283.5	65,500	119,500*	44.0	303.1	56,400	113,600	195
200					21.4	271.9	63,100	113,200*	40.2	297.3	54,300	110,100	200
205					12.5	254.1	60,600	106,000*	36.2	290.7	52,300	106,700	205
210									31.7	282.9	50,400	103,500	210
215									26.5	273.4	48,500	100,500	215
220									20.1	261.1	46,700	97,500	220
225									9.8	240.5	44,800	94,600	225



Liftcrane Luffing Jib Capacities

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

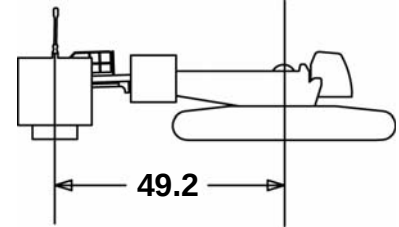
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

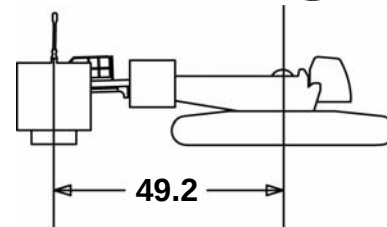
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 49.2 ft Position

360 Degree Rating



16000 MAX-ER

236.2 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
135	62.7	358.8	120,100	162,100*									135
140	60.3	356.0	114,700	161,600*									140
145	57.8	352.9	109,700	157,300*									145
150	55.3	349.4	105,000	152,800*									150
155	52.7	345.6	100,700	148,000*									155
160	50.0	341.5	96,600	143,200*									160
165	47.2	336.9	92,800	138,400*	57.7	346.2	81,000	146,100*					165
170	44.2	331.9	89,200	133,400*	55.1	342.7	77,800	141,100					170
175	41.1	326.2	85,800	128,500*	52.5	338.9	74,800	136,300					175
180	37.7	319.9	82,600	123,500*	49.8	334.7	71,900	131,700					180
185	34.1	312.7	79,500	118,400*	47.0	330.1	69,200	127,400					185
190	30.0	304.4	76,600	113,300*	44.0	325.0	66,700	123,300					190
195	25.4	294.4	73,900	108,000*	40.9	319.4	64,200	119,400	52.0	330.0	54,700	112,100	195
200	19.7	281.7	71,200	102,300*	37.5	313.0	61,900	115,700	49.3	325.7	52,600	108,700	200
205	11.4	262.3	68,500	95,900*	33.8	305.7	59,700	112,100*	46.4	321.0	50,700	105,400	205
210					29.8	297.3	57,600	107,400*	43.4	315.8	48,900	102,200	210
215					25.1	287.2	55,500	102,500*	40.3	310.0	47,100	99,300	215
220					19.3	274.3	53,500	97,300*	36.8	303.5	45,400	96,400	220
225					10.7	254.1	51,500	91,200*	33.1	296.1	43,800	93,700	225
230									29.0	287.4	42,200	91,100	230
235									24.1	276.9	40,600	88,600	235
240									18.0	263.2	39,100	86,100	240
245									8.0	239.5	37,500	83,700	245



Liftcrane Luffing Jib Capacities

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

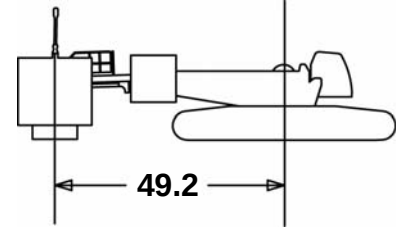
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



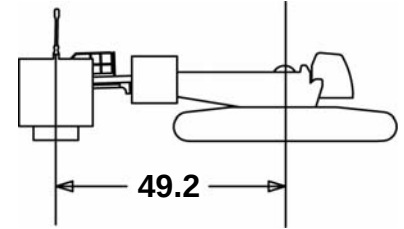
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

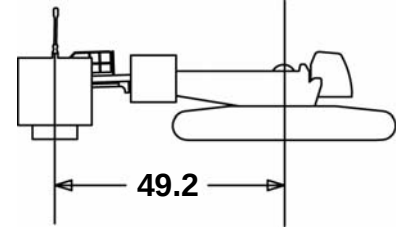
236.2 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
145	62.3	375.8	107,600	138,800*									145
150	60.2	373.0	103,000	138,800*									150
155	58.0	369.9	98,600	138,800*									155
160	55.8	366.5	94,600	137,100*									160
165	53.6	362.8	90,800	133,400*									165
170	51.3	358.8	87,300	129,600*									170
175	48.8	354.5	83,900	125,700*	57.9	363.2	72,500	128,000*					175
180	46.3	349.8	80,700	121,700*	55.7	359.8	69,700	127,900*					180
185	43.7	344.6	77,700	117,700*	53.4	356.1	67,000	125,000*					185
190	41.0	339.0	74,900	113,700*	51.1	352.1	64,500	121,500					190
195	38.1	332.7	72,200	109,600*	48.7	347.7	62,100	117,600					195
200	34.9	325.7	69,600	105,500*	46.2	343.0	59,900	114,000					200
205	31.5	317.8	67,200	101,300*	43.6	337.8	57,700	110,500					205
210	27.7	308.6	64,800	97,100*	40.8	332.1	55,700	107,200	50.7	343.1	46,600	100,300	210
215	23.4	297.7	62,600	92,700*	37.9	325.8	53,700	103,900*	48.2	338.7	44,800	97,400	215
220	18.0	283.8	60,400	87,900*	34.7	318.8	51,800	100,100*	45.7	333.9	43,200	94,600	220
225	9.9	262.1	58,100	82,400*	31.3	310.8	50,000	96,300*	43.1	328.6	41,600	91,900	225
230					27.5	301.6	48,200	92,300*	40.3	322.8	40,100	89,400	230
235					23.1	290.5	46,500	88,300*	37.3	316.4	38,600	86,900	235
240					17.6	276.3	44,800	83,800*	34.1	309.2	37,200	84,500	240
245					9.2	253.6	43,100	78,500*	30.6	301.0	35,900	82,300	245
250									26.7	291.5	34,600	80,100	250
255									22.2	280.0	33,300	78,000	255
260									16.4	264.9	32,000	75,900	260
265									6.3	237.6	30,500	72,800*	265



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



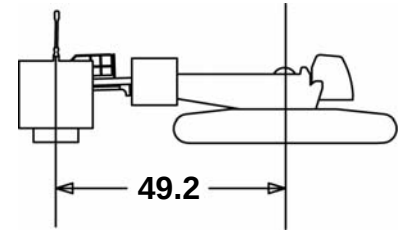
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

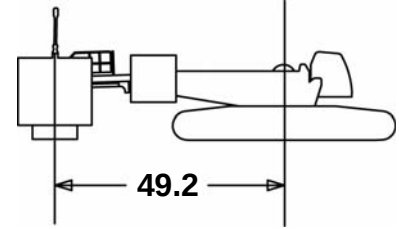
236.2 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
155	62.0	392.8	97,000	119,000*									155
160	60.1	389.9	93,000	119,000*									160
165	58.2	386.8	89,200	119,000*									165
170	56.2	383.5	85,700	119,000*									170
175	54.3	379.9	82,300	119,000*									175
180	52.2	376.1	79,200	116,700*									180
185	50.1	371.9	76,200	113,600*									185
190	47.9	367.5	73,400	110,400*	56.1	376.8	62,800	111,000*					190
195	45.7	362.6	70,800	107,100*	54.1	373.2	60,400	111,000*					195
200	43.4	357.4	68,200	103,900*	52.1	369.3	58,200	109,700*					200
205	40.9	351.7	65,800	100,600*	50.0	365.2	56,100	107,100*					205
210	38.3	345.5	63,500	97,200*	47.8	360.7	54,000	104,200*					210
215	35.6	338.6	61,300	93,900*	45.6	355.8	52,100	101,300*					215
220	32.6	331.0	59,200	90,400*	43.2	350.6	50,200	98,400*	51.7	360.4	41,400	93,100	220
225	29.4	322.4	57,200	86,900*	40.8	344.9	48,500	95,400*	49.6	356.2	39,900	90,500	225
230	25.8	312.5	55,300	83,400*	38.2	338.6	46,800	92,300*	47.4	351.6	38,400	87,900	230
235	21.7	300.7	53,400	79,600*	35.4	331.7	45,100	89,200*	45.1	346.7	37,000	85,500	235
240	16.5	285.5	51,500	75,600*	32.5	324.0	43,600	86,000*	42.8	341.4	35,600	83,200	240
245	8.5	261.4	49,600	70,800*	29.2	315.4	42,000	82,800*	40.3	335.5	34,300	80,900	245
250					25.6	305.4	40,600	79,500*	37.7	329.2	33,000	78,800	250
255					21.4	293.4	39,100	76,000*	34.9	322.1	31,800	76,700	255
260					16.2	278.0	37,700	72,100*	31.9	314.3	30,600	74,800	260
265					7.8	252.6	36,200	67,500*	28.6	305.4	29,500	72,800	265
270									24.9	295.1	28,300	71,000	270
275									20.5	282.7	27,200	69,200	275
280									15.0	266.2	26,100	67,000*	280
285									4.5	234.2	24,800	62,600*	285



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



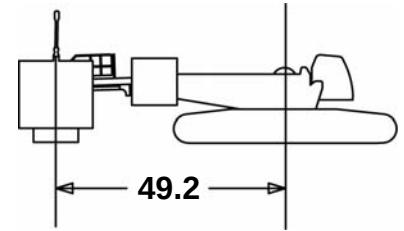
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

236.2 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
165	61.7	409.7	87,100	101,600*									165
170	60.0	406.9	83,600	101,600*									170
175	58.3	403.8	80,300	101,600*									175
180	56.6	400.5	77,100	101,600*									180
185	54.8	397.0	74,200	101,600*									185
190	53.0	393.2	71,400	101,600*									190
195	51.1	389.2	68,800	101,600*									195
200	49.2	385.0	66,300	100,500*	56.5	393.8	55,900	93,600*					200
205	47.2	380.4	63,900	97,800*	54.7	390.3	53,800	93,600*					205
210	45.2	375.4	61,600	95,100*	52.9	386.5	51,800	93,600*					210
215	43.1	370.1	59,500	92,400*	51.0	382.5	49,900	93,600*					215
220	40.9	364.4	57,400	89,600*	49.1	378.2	48,100	93,600*					220
225	38.5	358.2	55,400	86,800*	47.1	373.6	46,400	92,500*					225
230	36.1	351.5	53,500	84,000*	45.1	368.6	44,700	90,100*	52.5	377.6	36,100	84,900*	230
235	33.5	344.1	51,700	81,100*	42.9	363.3	43,100	87,600*	50.6	373.5	34,700	83,600	235
240	30.7	335.9	50,000	78,200*	40.7	357.6	41,600	85,100*	48.7	369.2	33,300	81,300	240
245	27.6	326.7	48,300	75,200*	38.4	351.4	40,100	82,500*	46.7	364.5	32,000	79,100	245
250	24.2	316.0	46,600	72,100*	35.9	344.6	38,700	79,900*	44.7	359.5	30,800	77,000	250
255	20.2	303.3	45,000	68,900*	33.3	337.2	37,300	77,300*	42.5	354.1	29,600	75,000	255
260	15.3	287.0	43,400	65,400*	30.5	328.9	36,000	74,600*	40.3	348.3	28,500	73,000	260
265	7.3	260.0	41,800	61,100*	27.4	319.6	34,700	71,800*	37.9	342.0	27,400	71,100	265
270					24.0	308.8	33,400	68,900*	35.5	335.1	26,300	69,300	270
275					20.0	296.0	32,200	65,800*	32.8	327.5	25,300	67,600	275
280					14.9	279.3	31,000	62,400*	30.0	319.1	24,300	65,900	280
285					6.5	250.8	29,600	58,300*	26.8	309.5	23,300	64,300	285
290									23.3	298.4	22,300	62,700	290
295									19.1	285.0	21,300	61,100*	295
300									13.7	267.2	20,400	58,000*	300
305									1.9	227.0	19,200	54,000*	305



Liftcrane Luffing Jib Capacities

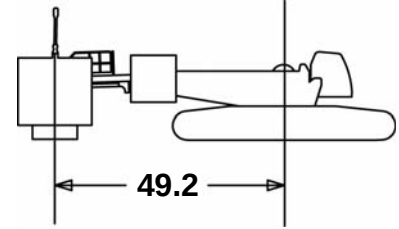
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 49.2 ft Position

360 Degree Rating



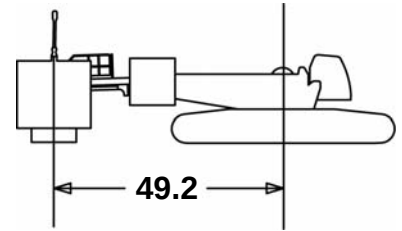
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

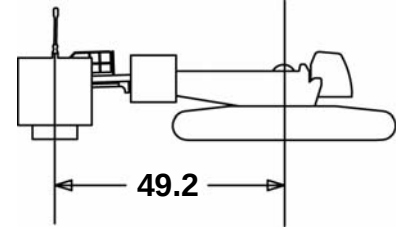
236.2 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
175	61.5	426.7	78,200	87,300*									175
180	60.0	423.8	75,100	87,300*									180
185	58.4	420.7	72,200	87,300*									185
190	56.8	417.5	69,400	87,300*									190
195	55.2	414.0	66,800	87,300*									195
200	53.6	410.4	64,300	87,300*									200
205	51.9	406.5	61,900	87,300*									205
210	50.2	402.3	59,700	87,300*	56.8	410.8	49,700	80,100*					210
215	48.4	397.9	57,500	87,300*	55.1	407.4	47,800	80,100*					215
220	46.6	393.2	55,500	86,700*	53.5	403.7	46,000	80,100*					220
225	44.8	388.2	53,500	84,500*	51.8	399.8	44,300	80,100*					225
230	42.8	382.9	51,600	82,100*	50.1	395.6	42,600	80,100*					230
235	40.8	377.2	49,800	79,800*	48.3	391.2	41,000	80,100*					235
240	38.7	371.0	48,100	77,400*	46.5	386.5	39,500	80,100*					240
245	36.5	364.4	46,500	74,900*	44.6	381.5	38,100	80,100*	51.5	390.8	29,800	73,900*	245
250	34.2	357.1	44,900	72,400*	42.7	376.1	36,700	78,000*	49.8	386.6	28,600	73,900*	250
255	31.7	349.2	43,300	69,600*	40.7	370.3	35,300	75,900*	48.0	382.1	27,500	73,200	255
260	29.0	340.5	41,800	66,900*	38.6	364.2	34,000	73,700*	46.2	377.4	26,300	71,300	260
265	26.1	330.6	40,400	64,300*	36.4	357.5	32,800	71,500*	44.3	372.3	25,200	69,400	265
270	22.8	319.2	39,000	61,800*	34.0	350.2	31,600	69,200*	42.3	366.9	24,200	67,600	270
275	19.0	305.7	37,600	59,400*	31.5	342.2	30,400	66,900*	40.3	361.0	23,200	65,900	275
280	14.2	288.1	36,300	56,400*	28.9	333.4	29,200	64,500*	38.2	354.8	22,200	64,200	280
285	6.1	258.0	34,800	51,000*	25.9	323.5	28,100	62,100*	35.9	348.0	21,300	62,600	285
290					22.6	312.0	27,100	59,500*	33.6	340.6	20,300	61,000	290
295					18.7	298.3	26,000	56,800*	31.1	332.5	19,400	59,500	295
300					13.8	280.4	24,900	53,800*	28.3	323.5	18,600	58,100	300
305					5.2	248.1	23,700	50,000*	25.3	313.3	17,700	56,700	305
310									21.9	301.5	16,900	55,200*	310
315									17.9	287.1	16,000	52,700*	315
320									12.7	268.0	15,200	49,900*	320



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



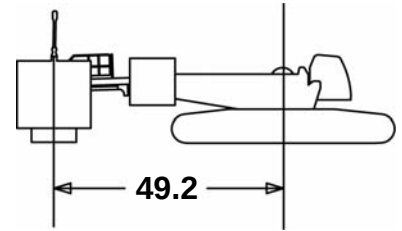
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

236.2 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
195	58.5	437.7	64,800	74,500*									195
200	57.1	434.5	62,300	74,500*									200
205	55.6	431.1	59,900	74,500*									205
210	54.1	427.5	57,700	74,500*									210
215	52.6	423.7	55,600	74,500*									215
220	51.0	419.6	53,500	74,500*	57.0	427.8	43,800	68,500*					220
225	49.4	415.4	51,600	74,500*	55.5	424.4	42,100	68,500*					225
230	47.8	410.9	49,700	74,500*	54.0	420.8	40,500	68,500*					230
235	46.1	406.1	48,000	74,500*	52.5	417.0	38,900	68,500*					235
240	44.4	401.0	46,300	74,500*	50.9	412.9	37,400	68,500*					240
245	42.6	395.7	44,600	73,100*	49.3	408.6	36,000	68,500*					245
250	40.8	389.9	43,100	71,000*	47.7	404.1	34,600	68,500*					250
255	38.9	383.8	41,600	68,500*	46.0	399.3	33,300	68,500*	52.2	408.0	25,200	62,600*	255
260	36.8	377.2	40,100	65,800*	44.3	394.3	32,000	68,500*	50.6	404.0	24,100	62,600*	260
265	34.7	370.1	38,700	63,200*	42.5	388.9	30,800	68,500*	49.0	399.6	23,100	62,600*	265
270	32.5	362.4	37,400	60,800*	40.7	383.1	29,600	67,600*	47.4	395.1	22,000	62,600*	270
275	30.1	354.0	36,000	58,400*	38.7	376.9	28,500	65,800*	45.7	390.2	21,100	62,600*	275
280	27.6	344.7	34,800	56,200*	36.7	370.3	27,400	63,900*	44.0	385.1	20,100	62,500	280
285	24.8	334.2	33,500	54,000*	34.6	363.2	26,300	61,900*	42.2	379.6	19,200	60,900	285
290	21.6	322.2	32,300	51,900*	32.4	355.5	25,300	59,900*	40.3	373.8	18,300	59,400	290
295	17.9	307.7	31,100	49,900*	30.0	347.0	24,300	57,900*	38.4	367.5	17,400	57,900	295
300	13.2	289.0	30,000	47,800*	27.4	337.6	23,300	55,700*	36.3	360.9	16,600	56,500	300
305	4.9	255.1	28,700	42,000*	24.6	327.1	22,300	53,500*	34.2	353.6	15,800	55,100	305
310					21.4	314.9	21,400	51,300*	31.9	345.7	15,000	53,700	310
315					17.7	300.3	20,400	48,900*	29.5	337.1	14,200	52,400	315
320					12.8	281.1	19,500	46,200*	26.9	327.5	13,400	51,200	320
325					3.7	244.0	18,400	42,800*	24.0	316.7	12,700	49,600*	325
330									20.7	304.2	12,000	47,500*	330
335									16.9	289.0	11,200	45,300*	335
340									11.7	268.4	10,500	42,800*	340



Liftcrane Luffing Jib Capacities

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

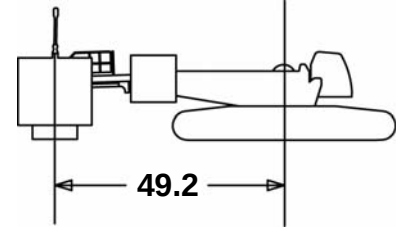
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



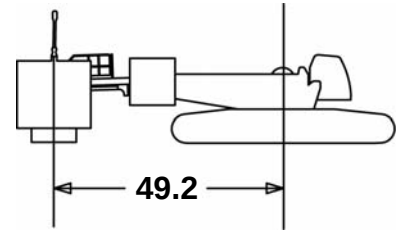
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

236.2 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
210	57.3	451.5	56,000	64,000*									210
215	55.9	448.1	53,900	64,000*									215
220	54.5	444.6	51,900	64,000*									220
225	53.1	440.8	49,900	64,000*									225
230	51.7	436.9	48,100	64,000*	57.2	444.8	38,700	58,300*					230
235	50.3	432.8	46,300	64,000*	55.8	441.4	37,100	58,300*					235
240	48.8	428.4	44,600	64,000*	54.5	437.9	35,700	58,300*					240
245	47.3	423.8	43,000	64,000*	53.1	434.1	34,200	58,300*					245
250	45.7	419.0	41,500	64,000*	51.6	430.2	32,900	58,300*					250
255	44.1	413.9	40,000	64,000*	50.2	426.0	31,600	58,300*					255
260	42.4	408.4	38,500	64,000*	48.7	421.6	30,300	58,300*					260
265	40.7	402.7	37,200	61,900*	47.2	417.0	29,100	58,300*	52.8	425.2	21,200	52,800*	265
270	39.0	396.6	35,800	59,500*	45.6	412.2	27,900	58,300*	51.4	421.2	20,200	52,800*	270
275	37.1	390.0	34,500	57,200*	44.0	407.0	26,800	58,300*	49.9	417.0	19,200	52,800*	275
280	35.2	383.0	33,300	55,000*	42.3	401.6	25,700	58,300*	48.4	412.6	18,300	52,800*	280
285	33.2	375.5	32,100	52,900*	40.6	395.8	24,700	58,300*	46.9	408.0	17,400	52,800*	285
290	31.0	367.4	30,900	50,900*	38.9	389.7	23,600	58,300*	45.3	403.1	16,500	52,800*	290
295	28.8	358.5	29,800	48,900*	37.0	383.1	22,700	57,100*	43.7	397.9	15,700	52,800*	295
300	26.3	348.6	28,700	47,100*	35.1	376.1	21,700	55,100*	42.0	392.4	14,800	52,800*	300
305	23.6	337.6	27,600	45,300*	33.1	368.6	20,800	53,000*	40.3	386.5	14,000	52,800*	305
310	20.5	324.9	26,500	43,500*	30.9	360.4	19,900	51,000*	38.5	380.3	13,300	52,100*	310
315	16.9	309.6	25,500	41,700*	28.6	351.4	19,000	49,100*	36.7	373.7	12,500	50,700*	315
320	12.3	289.6	24,500	40,000*	26.1	341.5	18,100	47,200*	34.7	366.6	11,800	49,400*	320
325	3.5	250.6	23,300	34,200*	23.4	330.4	17,300	45,400*	32.7	358.9	11,100	48,100*	325
330					20.3	317.6	16,500	43,600*	30.5	350.6	10,400	46,800*	330
335					16.7	302.1	15,600	41,900*	28.2	341.5	9,700	45,600*	335
340					12.0	281.6	14,800	39,700*	25.6	331.4	9,000	44,300*	340
345					1.5	235.2	13,800	35,600*	22.9	320.0	8,400	42,800*	345
350									19.7	306.7	7,700	41,000*	350
355									15.9	290.6	7,100	38,900*	355
360									10.8	268.6	6,400	36,600*	360



Liftcrane Luffing Jib Capacities

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

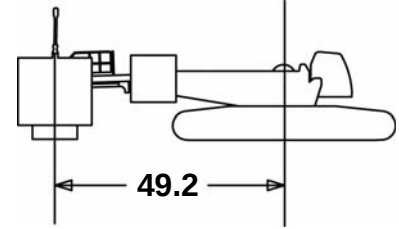
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



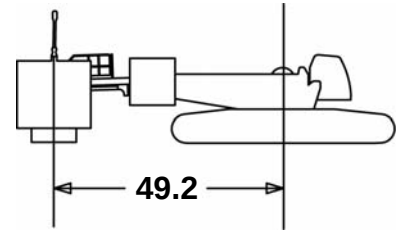
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

236.2 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
225	56.2	465.1	47,800	54,400*									225
230	54.9	461.6	46,000	54,400*									230
235	53.6	457.9	44,300	54,400*									235
240	52.3	454.1	42,600	54,400*	57.3	461.8	33,400	49,300*					240
245	51.0	450.1	41,000	54,400*	56.1	458.4	32,000	49,300*					245
250	49.6	445.8	39,400	54,400*	54.8	454.9	30,600	49,300*					250
255	48.2	441.4	38,000	54,400*	53.5	451.2	29,300	49,300*					255
260	46.8	436.7	36,500	54,400*	52.2	447.4	28,100	49,300*					260
265	45.3	431.8	35,200	54,400*	50.9	443.3	26,900	49,300*					265
270	43.8	426.6	33,800	54,400*	49.5	439.1	25,700	49,300*					270
275	42.3	421.2	32,600	54,400*	48.1	434.6	24,600	49,300*	52.0	438.5	16,000	45,000*	275
280	40.7	415.4	31,300	54,000*	46.7	429.9	23,600	49,300*	50.6	434.4	15,100	45,000*	280
285	39.1	409.3	30,200	51,900*	45.2	425.0	22,500	49,300*	49.3	430.1	14,200	45,000*	285
290	37.4	402.9	29,000	49,900*	43.7	419.8	21,500	49,300*	47.9	425.6	13,400	45,000*	290
295	35.6	396.0	27,900	47,900*	42.2	414.4	20,600	49,300*	46.4	420.9	12,600	45,000*	295
300	33.7	388.6	26,800	46,100*	40.6	408.6	19,600	49,300*	45.0	415.9	11,800	45,000*	300
305	31.8	380.6	25,800	44,300*	39.0	402.5	18,700	49,300*	43.5	410.6	11,000	45,000*	305
310	29.7	372.1	24,800	42,500*	37.3	396.0	17,800	49,300*	41.9	405.1	10,300	45,000*	310
315	27.5	362.7	23,800	40,900*	35.5	389.0	17,000	48,000*	40.3	399.3	9,600	45,000*	315
320	25.1	352.4	22,800	39,200*	33.6	381.6	16,200	46,200*	38.7	393.1	8,900	45,000*	320
325	22.5	340.7	21,900	37,700*	31.7	373.7	15,300	44,400*	36.9	386.5	8,200	44,500*	325
330	19.5	327.4	21,000	36,100*	29.6	365.0	14,600	42,700*	35.2	379.5	7,600	43,200*	330
335	16.0	311.2	20,000	34,600*	27.4	355.6	13,800	41,000*	33.3	372.0	6,900	42,100*	335
340	11.5	290.0	19,100	33,100*	25.0	345.2	13,000	39,400*	31.3	363.9	6,300	40,900*	340
345	1.1	240.6	18,000	26,500*	22.3	333.5	12,300	37,800*	29.2	355.2	5,700	39,800*	345
350					19.3	320.0	11,600	36,300*	27.0	345.6	5,100	38,700*	350
355					15.8	303.7	10,800	34,800*	24.5	335.0	4,500	37,300*	355
360					11.2	281.9	10,100	32,900*	21.8	323.0	3,900	35,800*	360
365									18.7	309.0	3,400	34,100*	365
370									15.0	292.0	2,800	32,300*	370
375									10.0	268.4	2,200	30,200*	375
380													380



Liftcrane Luffing Jib Capacities

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

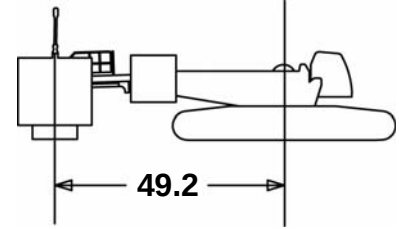
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

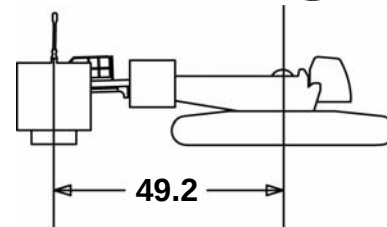
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 49.2 ft Position

360 Degree Rating



16000 MAX-ER

255.9 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
115	61.0	324.2	147,300	213,000*b									115
120	56.6	321.0	139,800	205,200*b									120
125	52.0	317.1	133,000	197,000*b									125
130	47.1	312.6	126,700	188,500*									130
135	41.7	307.1	120,800	179,700*									135
140	35.7	300.4	115,400	170,700*	57.8	314.9	101,100	178,300*b					140
145	28.4	291.8	110,200	161,600*	53.3	311.2	96,600	171,600*b					145
150	18.5	279.2	105,200	151,500*	48.5	306.9	92,500	165,000					150
155					43.2	301.7	88,600	158,700					155
160					37.4	295.4	84,900	152,700					160
165					30.5	287.4	81,400	147,100	49.1	298.6	67,100	133,500b	165
170					21.6	276.2	78,000	141,800	43.9	293.6	64,400	128,800	170
175									38.2	287.4	61,900	124,500	175
180									31.5	279.7	59,400	120,300	180
185									23.0	269.2	57,000	116,400	185
190									6.7	247.4	54,400	112,300	190
195													195



Liftcrane Luffing Jib Capacities

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

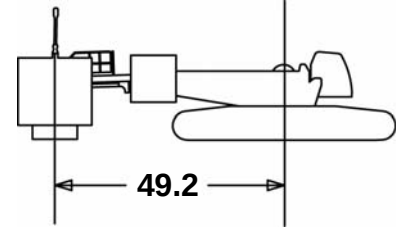
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

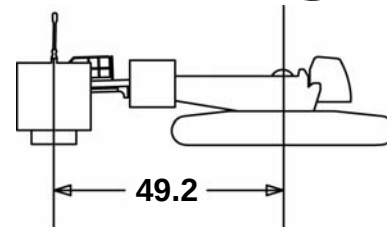
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 49.2 ft Position

360 Degree Rating



16000 MAX-ER

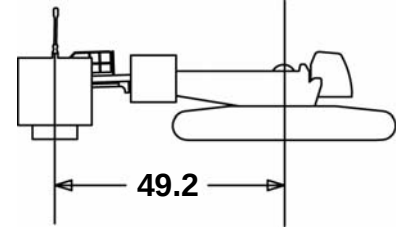
255.9 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
125	60.7	341.2	131,700	186,400* ^b									125
130	57.2	338.0	125,400	180,600*									130
135	53.6	334.3	119,700	174,500*									135
140	49.8	330.2	114,400	168,100*									140
145	45.8	325.4	109,400	161,600*									145
150	41.4	319.9	104,800	155,000*									150
155	36.7	313.4	100,400	148,400*	54.6	328.4	87,200	157,400					155
160	31.2	305.5	96,300	141,600*	50.8	324.3	83,600	151,600					160
165	24.7	295.4	92,400	134,400*	46.9	319.7	80,300	146,100					165
170	15.6	280.6	88,600	126,400*	42.6	314.4	77,100	140,900					170
175					38.0	308.2	74,100	136,000					175
180					32.8	300.8	71,300	131,500	51.3	316.0	60,400	123,200	180
185					26.6	291.4	68,500	127,100	47.4	311.5	58,100	119,200	185
190					18.5	278.4	65,800	122,900	43.2	306.3	55,900	115,300	190
195									38.6	300.2	53,800	111,700	195
200									33.5	293.0	51,700	108,200	200
205									27.5	284.0	49,800	104,900	205
210									19.8	271.6	47,800	101,700	210



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



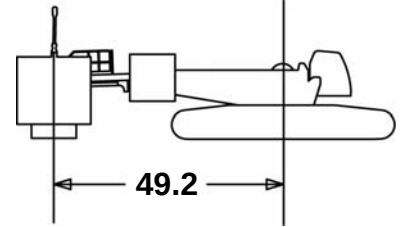
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

255.9 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
135	60.5	358.1	117,600	162,600*									135
140	57.6	355.0	112,300	160,500*									140
145	54.6	351.5	107,400	155,800*									145
150	51.5	347.5	102,900	150,900*									150
155	48.3	343.1	98,600	145,900*									155
160	44.9	338.2	94,600	140,800*									160
165	41.3	332.6	90,900	135,600*	55.4	345.4	78,000	144,200					165
170	37.3	326.2	87,300	130,500*	52.4	341.6	75,000	139,100					170
175	33.0	318.8	83,900	125,200*	49.2	337.3	72,000	134,300					175
180	28.0	309.8	80,700	119,700*	45.8	332.6	69,300	129,800					180
185	22.0	298.5	77,700	113,800*	42.3	327.2	66,700	125,500					185
190	13.4	281.5	74,600	107,300*	38.4	321.0	64,200	121,500	52.8	333.3	53,500	113,400	190
195					34.2	313.9	61,800	117,600	49.6	329.1	51,500	109,800	195
200					29.4	305.4	59,500	114,000	46.3	324.4	49,600	106,400	200
205					23.7	294.8	57,300	110,500	42.7	319.1	47,700	103,200	205
210					16.2	280.1	55,100	107,100	38.9	313.0	45,900	100,100	210
215									34.8	306.0	44,200	97,200	215
220									30.1	297.8	42,600	94,400	220
225									24.6	287.5	41,000	91,700	225
230									17.4	273.6	39,400	89,000	230

Liftcrane Luffing Jib Capacities

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

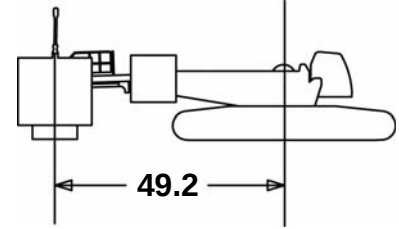
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



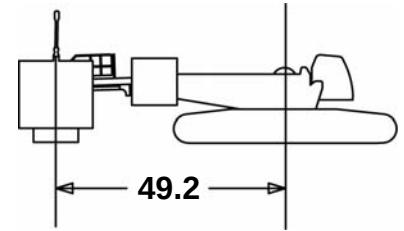
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

255.9 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
140	62.7	377.9	110,700	140,200*									140
145	60.3	375.1	105,900	140,200*									145
150	57.9	372.0	101,300	140,200*									150
155	55.3	368.5	97,100	139,900*									155
160	52.7	364.7	93,200	136,100*									160
165	50.0	360.6	89,500	132,100*									165
170	47.2	356.0	86,000	128,100*									170
175	44.3	351.0	82,700	124,000*	56.0	362.5	70,400	132,800					175
180	41.1	345.3	79,600	119,800*	53.4	358.8	67,700	128,300					180
185	37.8	339.0	76,600	115,800*	50.8	354.7	65,100	124,100					185
190	34.1	331.9	73,800	111,500*	48.0	350.3	62,700	120,100					190
195	30.1	323.5	71,100	107,100*	45.1	345.4	60,400	116,300					195
200	25.5	313.6	68,600	102,600*	42.0	339.9	58,200	112,800					200
205	19.8	301.0	66,100	97,800*	38.7	333.8	56,100	109,400	51.1	346.5	46,000	101,700	205
210	11.6	281.9	63,600	92,400*	35.2	326.9	54,000	106,100	48.4	342.1	44,300	98,700	210
215					31.2	318.9	52,100	103,000	45.5	337.2	42,600	95,800	215
220					26.8	309.5	50,200	100,000	42.4	331.8	41,100	93,100	220
225					21.5	297.7	48,400	97,200	39.1	325.8	39,500	90,400	225
230					14.3	281.2	46,600	94,400	35.6	319.0	38,100	87,900	230
235									31.8	311.2	36,700	85,500	235
240									27.4	302.0	35,300	83,200	240
245									22.3	290.6	34,000	80,900	245
250									15.5	275.0	32,600	78,700	250



Liftcrane Luffing Jib Capacities

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

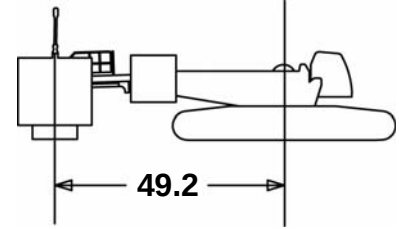
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



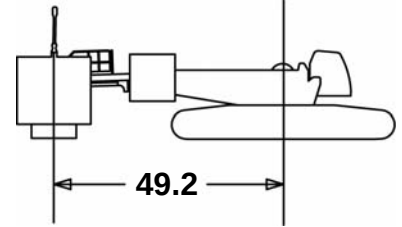
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

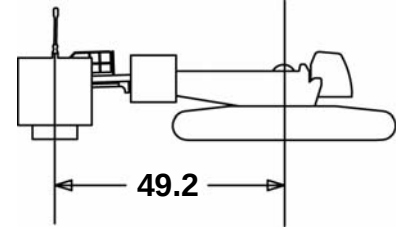
255.9 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
150	62.3	394.9	99,100	121,100*									150
155	60.2	392.0	95,000	121,100*									155
160	58.1	388.9	91,000	121,100*									160
165	55.9	385.6	87,400	121,100*									165
170	53.6	381.9	83,900	121,100*									170
175	51.3	377.9	80,700	118,400*									175
180	48.9	373.6	77,600	115,200*									180
185	46.4	368.9	74,700	111,900*	56.5	379.5	62,800	114,900*					185
190	43.8	363.7	72,000	108,600*	54.2	375.9	60,400	114,900*					190
195	41.0	358.1	69,400	105,200*	51.9	372.0	58,100	114,500					195
200	38.1	351.8	66,900	101,900*	49.5	367.8	56,000	110,900					200
205	35.0	344.8	64,500	98,400*	47.1	363.2	53,900	107,600					205
210	31.6	337.0	62,200	94,900*	44.5	358.2	52,000	104,400					210
215	27.8	327.8	60,100	91,300*	41.8	352.6	50,100	101,300	52.2	363.7	40,200	93,900	215
220	23.5	317.0	58,000	87,600*	38.9	346.6	48,300	98,400	49.9	359.5	38,700	91,100	220
225	18.1	303.1	55,900	83,600*	35.9	339.8	46,600	95,600	47.4	355.0	37,200	88,600	225
230	10.1	281.7	53,800	78,900*	32.5	332.2	44,900	93,000	44.8	350.0	35,800	86,100	230
235					28.9	323.4	43,300	90,400	42.1	344.5	34,500	83,700	235
240					24.7	313.1	41,800	87,900	39.3	338.5	33,200	81,400	240
245					19.7	300.2	40,200	85,600	36.3	331.9	31,900	79,300	245
250					12.8	282.0	38,700	81,900*	33.0	324.4	30,700	77,200	250
255									29.4	315.8	29,500	75,100	255
260									25.3	305.7	28,400	73,200	260
265									20.4	293.3	27,200	71,300	265
270									13.9	276.1	26,100	69,400	270



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



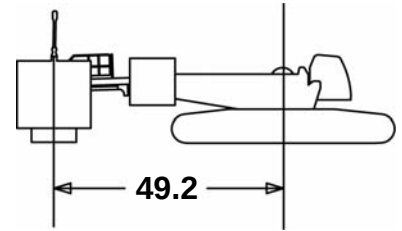
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

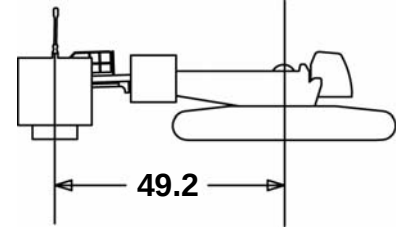
255.9 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
160	62.0	411.8	89,400	105,200*									160
165	60.1	409.0	85,700	105,200*									165
170	58.2	405.9	82,300	105,200*									170
175	56.3	402.6	79,000	105,200*									175
180	54.3	399.0	76,000	105,200*									180
185	52.3	395.2	73,100	105,200*									185
190	50.2	391.0	70,400	104,900*									190
195	48.0	386.5	67,800	102,200*	56.8	396.5	56,300	98,600*					195
200	45.7	381.7	65,400	99,500*	54.8	393.0	54,200	98,600*					200
205	43.4	376.5	63,000	96,700*	52.8	389.2	52,200	98,600*					205
210	41.0	370.8	60,800	93,900*	50.7	385.1	50,300	98,600*					210
215	38.4	364.6	58,700	91,100*	48.6	380.8	48,400	98,600*					215
220	35.6	357.8	56,700	88,300*	46.4	376.1	46,700	97,000					220
225	32.7	350.2	54,700	85,400*	44.0	370.9	45,000	94,300					225
230	29.5	341.6	52,800	82,400*	41.6	365.4	43,400	91,600	51.0	376.9	34,000	84,600	230
235	25.9	331.7	51,000	79,400*	39.1	359.3	41,800	89,100	48.9	372.5	32,700	82,200	235
240	21.8	319.9	49,300	76,200*	36.4	352.7	40,300	86,700	46.6	367.9	31,400	80,000	240
245	16.6	304.9	47,500	72,700*	33.5	345.3	38,900	84,400	44.3	362.8	30,200	77,800	245
250	8.8	281.1	45,800	68,600*	30.4	337.0	37,500	82,200	41.9	357.3	29,000	75,800	250
255					26.9	327.5	36,200	80,000	39.4	351.3	27,900	73,800	255
260					22.9	316.3	34,800	77,900	36.7	344.7	26,800	71,900	260
265					18.2	302.4	33,500	75,400*	33.9	337.5	25,800	70,000	265
270					11.5	282.3	32,200	71,500*	30.8	329.3	24,700	68,200	270
275									27.4	320.0	23,700	66,500	275
280									23.5	309.1	22,700	64,800	280
285									18.8	295.6	21,800	63,200	285
290									12.5	276.7	20,700	61,600	290



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



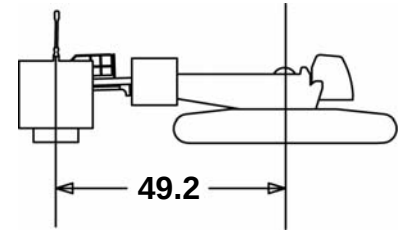
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

255.9 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
170	61.7	428.8	80,100	90,800*									170
175	60.1	425.9	76,900	90,800*									175
180	58.4	422.9	73,900	90,800*									180
185	56.6	419.6	71,000	90,800*									185
190	54.8	416.1	68,300	90,800*									190
195	53.0	412.3	65,800	90,800*									195
200	51.2	408.3	63,300	90,800*									200
205	49.2	404.0	61,000	90,800*	57.1	413.5	49,900	84,300*					205
210	47.3	399.5	58,800	90,700*	55.3	410.0	48,000	84,300*					210
215	45.2	394.5	56,800	88,500*	53.5	406.4	46,200	84,300*					215
220	43.1	389.3	54,800	86,200*	51.7	402.4	44,400	84,300*					220
225	40.9	383.6	52,800	83,800*	49.8	398.2	42,800	84,300*					225
230	38.6	377.4	51,000	81,400*	47.8	393.7	41,200	84,300*					230
235	36.1	370.7	49,300	79,100*	45.8	388.9	39,700	84,300*					235
240	33.5	363.3	47,600	76,600*	43.7	383.7	38,200	84,300*	51.9	394.1	29,100	78,100	240
245	30.8	355.1	45,900	74,200*	41.5	378.1	36,800	82,700	50.0	390.0	27,900	75,900	245
250	27.7	345.9	44,400	71,600*	39.2	372.1	35,500	80,500	48.1	385.5	26,700	73,900	250
255	24.3	335.2	42,800	69,000*	36.8	365.5	34,200	78,400	46.0	380.7	25,600	71,900	255
260	20.3	322.6	41,300	66,200*	34.3	358.3	32,900	76,300	44.0	375.6	24,600	70,000	260
265	15.4	306.3	39,900	63,100*	31.5	350.4	31,700	74,400	41.8	370.0	23,600	68,200	265
270	7.5	279.9	38,300	59,500*	28.5	341.4	30,500	72,500	39.5	364.1	22,600	66,500	270
275					25.2	331.3	29,400	70,700	37.1	357.6	21,600	64,800	275
280					21.5	319.2	28,300	68,800*	34.6	350.5	20,700	63,200	280
285					16.8	304.2	27,100	65,700*	31.9	342.6	19,800	61,600	285
290					10.3	282.2	26,000	62,200*	29.0	333.8	18,900	60,100	290
295									25.7	323.8	18,000	58,600	295
300									22.0	312.1	17,200	57,100	300
305									17.5	297.6	16,300	55,700	305
310									11.4	277.0	15,400	54,300	310



Liftcrane Luffing Jib Capacities

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

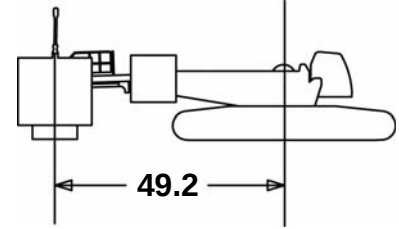
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



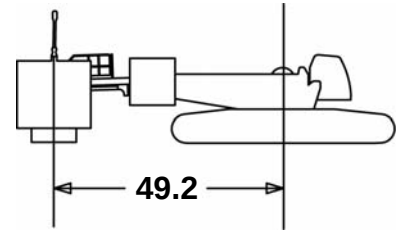
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

255.9 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
185	60.0	442.9	68,900	78,900*									185
190	58.5	439.8	66,200	78,900*									190
195	56.9	436.6	63,700	78,900*									195
200	55.3	433.1	61,300	78,900*									200
205	53.6	429.5	59,000	78,900*									205
210	52.0	425.6	56,800	78,900*									210
215	50.2	421.4	54,700	78,900*	57.3	430.5	44,000	72,600*					215
220	48.5	417.0	52,800	78,900*	55.7	427.1	42,200	72,600*					220
225	46.7	412.4	50,900	78,900*	54.1	423.5	40,600	72,600*					225
230	44.8	407.4	49,100	78,600*	52.4	419.6	39,000	72,600*					230
235	42.9	402.0	47,300	76,700*	50.7	415.6	37,500	72,600*					235
240	40.8	396.3	45,700	74,700*	49.0	411.2	36,100	72,600*					240
245	38.8	390.2	44,100	72,700*	47.2	406.6	34,700	72,600*					245
250	36.6	383.5	42,500	70,700*	45.3	401.7	33,400	72,600*	52.6	411.3	24,500	66,700*	250
255	34.2	376.3	41,000	68,600*	43.4	396.5	32,100	72,600*	50.9	407.3	23,400	66,700*	255
260	31.8	368.4	39,600	66,500*	41.4	390.9	30,900	72,600*	49.2	403.0	22,400	66,700*	260
265	29.1	359.6	38,200	64,300*	39.3	384.9	29,700	72,600*	47.4	398.4	21,400	66,400	265
270	26.2	349.8	36,900	62,100*	37.2	378.4	28,600	70,900	45.5	393.5	20,400	64,700	270
275	22.9	338.5	35,600	59,800*	34.9	371.3	27,500	69,100	43.6	388.4	19,500	63,000	275
280	19.1	325.0	34,300	57,300*	32.4	363.6	26,400	67,300	41.7	382.8	18,500	61,400	280
285	14.3	307.5	33,000	54,600*	29.8	355.1	25,400	65,700	39.6	376.8	17,700	59,900	285
290	6.4	278.0	31,700	51,400*	27.0	345.5	24,300	64,000	37.4	370.4	16,800	58,400	290
295					23.8	334.7	23,300	62,200*	35.2	363.4	16,000	56,900	295
300					20.2	321.9	22,400	59,800*	32.8	355.8	15,200	55,500	300
305					15.7	305.8	21,400	57,100*	30.2	347.4	14,400	54,200	305
310					9.2	281.8	20,400	53,900*	27.4	338.0	13,700	52,800	310
315									24.2	327.4	12,900	51,500*	315
320									20.7	314.8	12,200	50,100*	320
325									16.4	299.3	11,400	48,800*	325
330									10.3	277.0	10,600	47,400*	330



Liftcrane Luffing Jib Capacities

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

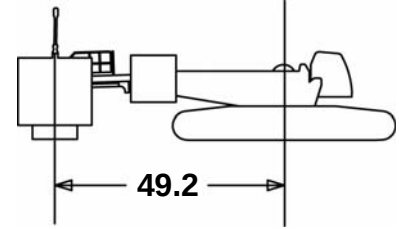
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



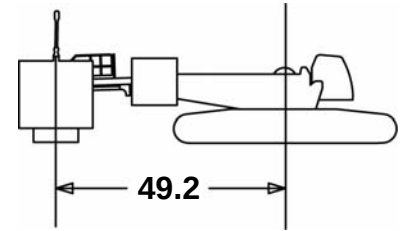
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

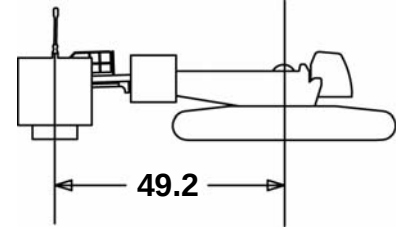
255.9 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
200	58.5	456.8	59,200	67,800*									200
205	57.1	453.6	57,000	67,800*									205
210	55.6	450.2	54,800	67,800*									210
215	54.1	446.6	52,700	67,800*									215
220	52.6	442.8	50,800	67,800*									220
225	51.1	438.7	48,900	67,800*	57.5	447.5	38,400	62,500*					225
230	49.5	434.5	47,100	67,800*	56.0	444.1	36,800	62,500*					230
235	47.8	430.0	45,400	67,800*	54.5	440.5	35,400	62,500*					235
240	46.2	425.2	43,800	67,800*	53.0	436.8	34,000	62,500*					240
245	44.4	420.2	42,200	67,800*	51.5	432.8	32,600	62,500*					245
250	42.7	414.8	40,700	67,800*	49.9	428.6	31,300	62,500*					250
255	40.8	409.1	39,200	66,400*	48.3	424.2	30,000	62,500*					255
260	38.9	402.9	37,800	64,800*	46.6	419.5	28,800	62,500*					260
265	36.9	396.4	36,500	63,200*	44.9	414.5	27,700	62,500*	51.7	424.5	19,100	58,200*	265
270	34.8	389.3	35,200	61,400*	43.1	409.3	26,600	62,500*	50.1	420.4	18,100	58,200*	270
275	32.6	381.6	33,900	59,600*	41.3	403.6	25,500	62,500*	48.5	416.0	17,200	58,200*	275
280	30.2	373.2	32,700	57,700*	39.4	397.6	24,400	62,500*	46.8	411.3	16,400	58,200*	280
285	27.6	363.9	31,500	55,800*	37.4	391.2	23,400	62,500*	45.1	406.4	15,500	58,100*	285
290	24.8	353.4	30,300	53,800*	35.4	384.2	22,400	62,500*	43.4	401.1	14,700	56,500*	290
295	21.7	341.4	29,200	51,800*	33.2	376.7	21,500	60,900	41.5	395.5	13,900	55,000*	295
300	18.0	327.1	28,100	49,600*	30.8	368.5	20,600	59,400*	39.7	389.6	13,100	53,500*	300
305	13.3	308.4	27,000	47,200*	28.3	359.5	19,700	57,100*	37.7	383.2	12,400	52,000*	305
310	5.2	275.4	25,700	42,400*	25.6	349.4	18,800	54,900*	35.6	376.3	11,600	50,600*	310
315					22.6	337.8	17,900	52,800*	33.5	368.9	10,900	49,300*	315
320					19.0	324.2	17,100	50,700*	31.1	360.8	10,200	48,000*	320
325					14.7	307.0	16,200	48,700*	28.7	351.9	9,500	46,700*	325
330					8.2	280.9	15,300	46,600*	26.0	341.9	8,900	45,400*	330
335									23.0	330.6	8,200	44,200*	335
340									19.5	317.3	7,600	43,000*	340
345									15.3	300.7	6,900	41,800*	345
350									9.3	276.6	6,200	40,600*	350



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



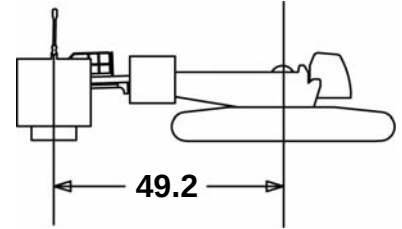
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

255.9 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
215	57.3	470.5	51,000	58,300*									215
220	55.9	467.2	49,100	58,300*									220
225	54.6	463.6	47,200	58,300*									225
230	53.2	459.9	45,400	58,300*									230
235	51.7	456.0	43,700	58,300*	57.6	464.4	33,500	53,300*					235
240	50.3	451.9	42,100	58,300*	56.3	461.1	32,100	53,300*					240
245	48.8	447.5	40,500	58,300*	54.9	457.6	30,800	53,300*					245
250	47.3	442.9	39,000	58,300*	53.5	453.9	29,500	53,300*					250
255	45.7	438.1	37,600	58,300*	52.1	450.0	28,300	53,300*					255
260	44.1	433.0	36,200	58,300*	50.7	446.0	27,100	53,300*					260
265	42.5	427.5	34,900	58,300*	49.2	441.7	25,900	53,300*					265
270	40.8	421.8	33,600	58,300*	47.7	437.2	24,800	53,300*					270
275	39.0	415.7	32,300	57,000*	46.1	432.4	23,700	53,300*	52.3	441.7	15,400	49,100*	275
280	37.2	409.2	31,100	55,500*	44.6	427.4	22,700	53,300*	50.9	437.7	14,500	49,100*	280
285	35.2	402.2	30,000	54,000*	42.9	422.0	21,700	53,300*	49.4	433.4	13,700	49,100*	285
290	33.2	394.7	28,800	52,500*	41.2	416.4	20,800	53,300*	47.9	428.9	12,800	49,100*	290
295	31.1	386.6	27,800	50,900*	39.5	410.4	19,800	53,300*	46.4	424.2	12,100	49,100*	295
300	28.8	377.7	26,700	49,200*	37.7	404.0	18,900	53,300*	44.8	419.2	11,300	49,100*	300
305	26.3	367.9	25,700	47,500*	35.8	397.1	18,000	53,300*	43.1	413.9	10,600	49,100*	305
310	23.6	356.8	24,700	45,700*	33.8	389.8	17,200	53,300*	41.5	408.3	9,900	48,700*	310
315	20.6	344.1	23,700	43,900*	31.7	381.8	16,400	52,200*	39.7	402.3	9,200	47,400*	315
320	17.0	329.0	22,700	42,100*	29.4	373.1	15,600	50,200*	37.9	396.0	8,500	46,100*	320
325	12.4	309.1	21,700	40,000*	27.0	363.6	14,800	48,300*	36.0	389.2	7,800	44,800*	325
330	3.9	271.4	20,600	34,800*	24.4	352.9	14,000	46,400*	34.0	381.9	7,200	43,600*	330
335					21.4	340.7	13,200	44,600*	32.0	374.0	6,600	42,400*	335
340					18.0	326.4	12,500	42,800*	29.7	365.5	6,000	41,200*	340
345					13.8	308.1	11,700	41,100*	27.3	356.0	5,400	40,100*	345
350					7.3	279.6	10,900	39,200*	24.7	345.5	4,800	39,000*	350
355									21.8	333.6	4,200	37,900*	355
360									18.5	319.5	3,600	36,800*	360
365									14.4	302.0	3,000	35,800*	365
370									8.5	275.9	2,400	34,700*	370



Liftcrane Luffing Jib Capacities

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

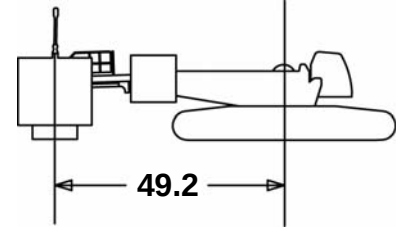
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



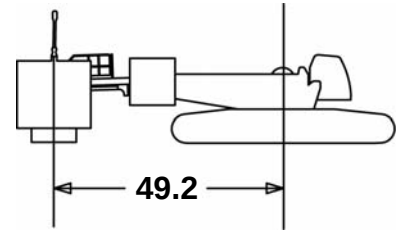
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

255.9 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
230	56.2	484.2	43,300	50,100*									230
235	54.9	480.7	41,600	50,100*									235
240	53.6	477.0	40,000	50,100*									240
245	52.3	473.2	38,400	50,100*	57.8	481.4	28,500	45,500*					245
250	51.0	469.1	36,900	50,100*	56.5	478.1	27,200	45,500*					250
255	49.6	464.9	35,500	50,100*	55.3	474.6	26,000	45,500*					255
260	48.2	460.5	34,100	50,100*	54.0	471.0	24,800	45,500*					260
265	46.8	455.8	32,800	50,100*	52.7	467.2	23,700	45,500*					265
270	45.4	450.9	31,500	50,100*	51.3	463.2	22,600	45,500*					270
275	43.9	445.7	30,300	50,100*	50.0	459.1	21,500	45,500*					275
280	42.3	440.3	29,100	50,100*	48.6	454.7	20,500	45,500*					280
285	40.7	434.5	28,000	50,100*	47.2	450.1	19,500	45,500*	52.8	458.9	11,300	41,400*	285
290	39.1	428.5	26,900	50,100*	45.8	445.2	18,600	45,500*	51.5	454.9	10,500	41,400*	290
295	37.4	422.0	25,800	49,400*	44.3	440.2	17,700	45,500*	50.2	450.8	9,700	41,400*	295
300	35.6	415.1	24,800	48,000*	42.7	434.8	16,800	45,500*	48.8	446.4	9,000	41,400*	300
305	33.8	407.7	23,800	46,100*	41.2	429.1	15,900	45,500*	47.4	441.9	8,300	41,400*	305
310	31.8	399.8	22,800	44,300*	39.5	423.1	15,100	45,500*	45.9	437.0	7,600	41,400*	310
315	29.8	391.3	21,900	42,600*	37.9	416.8	14,300	45,500*	44.5	432.0	6,900	41,400*	315
320	27.6	381.9	20,900	40,900*	36.1	410.0	13,500	45,500*	42.9	426.7	6,200	41,400*	320
325	25.2	371.6	20,000	39,300*	34.3	402.8	12,700	45,500*	41.4	421.0	5,600	41,400*	325
330	22.6	360.0	19,100	37,700*	32.4	395.0	12,000	45,000*	39.8	415.1	5,000	41,200*	330
335	19.6	346.6	18,300	36,100*	30.3	386.6	11,300	43,300*	38.1	408.8	4,400	40,000*	335
340	16.1	330.6	17,400	34,600*	28.2	377.5	10,600	41,600*	36.3	402.1	3,800	38,900*	340
345	11.6	309.5	16,500	33,100*	25.8	367.5	9,900	39,900*	34.5	394.9	3,200	37,800*	345
350	2.2	264.4	15,500	27,300*	23.3	356.2	9,200	38,300*	32.6	387.2	2,700	36,700*	350
355					20.4	343.4	8,500	36,800*	30.6	378.9	2,100	35,600*	355
360					17.1	328.3	7,900	35,300*	28.5	369.9	1,600	34,600*	360
365					13.0	308.9	7,200	33,800*	26.2	360.0		33,600*	365
370					6.4	277.9	6,400	32,200*	23.6	348.9		32,600*	370
375									20.8	336.4		31,700*	375
380									17.6	321.6		30,700*	380
385									13.6	303.0		29,800*	385
390									7.6	274.7		28,800*	390



Liftcrane Luffing Jib Capacities

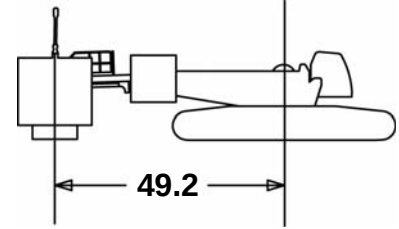
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 49.2 ft Position

360 Degree Rating



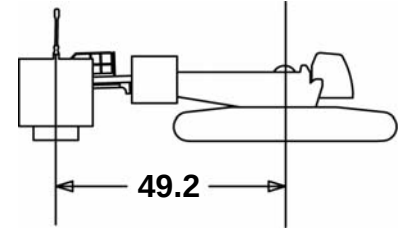
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

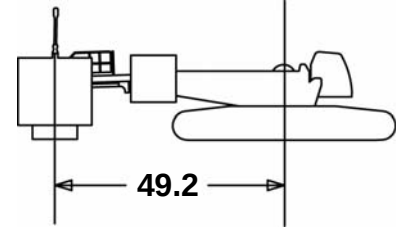
275.6 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
120	61.0	343.3	134,800	184,700*b									120
125	56.7	340.0	128,200	180,400*b									125
130	52.1	336.2	122,100	173,300*b									130
135	47.2	331.7	116,400	165,900*									135
140	41.8	326.2	111,200	158,300*									140
145	35.8	319.6	106,300	150,400*									145
150	28.6	311.0	101,600	142,400*	54.9	331.0	86,900	160,800b					150
155	18.7	298.5	97,100	133,600*	50.2	327.0	83,300	154,600b					155
160					45.1	322.1	79,800	148,800					160
165					39.5	316.2	76,600	143,400					165
170					33.0	308.9	73,400	138,200	52.3	319.4	58,400	124,300b	170
175					25.1	299.2	70,400	133,400	47.4	314.9	56,100	120,100b	175
180					12.6	282.7	67,300	127,700*	42.1	309.5	53,900	116,100	180
185									36.1	302.9	51,800	112,400	185
190									28.9	294.4	49,700	108,800	190
195									19.3	282.2	47,600	105,200	195
200													200



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



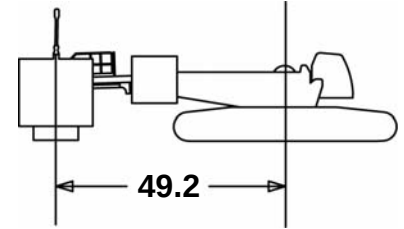
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

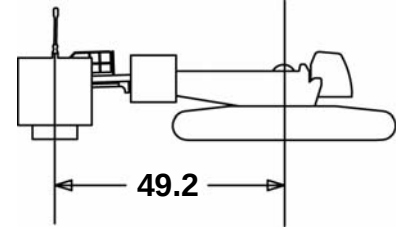
275.6 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
130	60.7	360.2	120,700	160,600*b									130
135	57.3	357.1	115,100	160,000*b									135
140	53.7	353.4	110,000	154,500*									140
145	49.9	349.3	105,200	149,000*									145
150	45.9	344.5	100,700	143,300*									150
155	41.5	339.0	96,500	137,400*									155
160	36.8	332.5	92,600	131,500*	55.8	348.1	78,300	147,500					160
165	31.4	324.7	88,900	125,500*	52.2	344.3	75,200	142,100					165
170	24.9	314.7	85,300	119,200*	48.3	339.9	72,200	137,100					170
175	15.8	300.0	81,800	112,200*	44.2	334.9	69,400	132,400					175
180					39.7	329.0	66,700	127,900					180
185					34.7	322.0	64,100	123,700					185
190					28.9	313.4	61,700	119,700	50.1	332.4	50,300	111,100	190
195					21.7	302.1	59,300	115,300*	46.0	327.7	48,300	107,600	195
200					9.8	282.4	56,800	107,800*	41.7	322.2	46,500	104,300	200
205									37.0	315.8	44,700	101,100	205
210									31.6	308.0	43,000	98,100	210
215									25.2	298.1	41,300	95,100	215
220									16.3	283.8	39,600	92,300	220



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



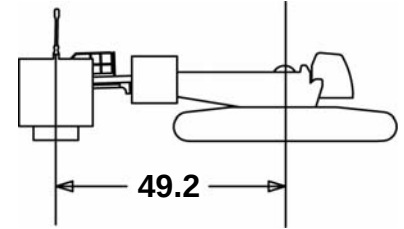
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

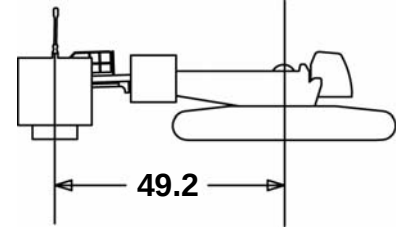
275.6 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
140	60.5	377.2	107,800	139,900*									140
145	57.6	374.0	103,100	139,700*									145
150	54.7	370.5	98,700	137,900*									150
155	51.6	366.6	94,600	133,600*									155
160	48.4	362.2	90,700	129,200*									160
165	45.0	357.3	87,100	124,600*									165
170	41.3	351.7	83,700	120,100*	56.5	365.1	69,800	134,200*					170
175	37.4	345.3	80,500	115,500*	53.4	361.5	67,100	130,500					175
180	33.1	337.9	77,400	110,800*	50.3	357.4	64,500	126,100					180
185	28.1	329.0	74,500	105,900*	47.0	352.8	62,000	121,900					185
190	22.1	317.7	71,600	100,800*	43.5	347.6	59,700	118,000					190
195	13.6	301.0	68,800	95,000*	39.8	341.7	57,500	114,300					195
200					35.7	335.0	55,300	110,800	51.7	349.8	44,100	102,300	200
205					31.2	327.0	53,300	107,400	48.5	345.4	42,400	99,200	205
210					25.9	317.3	51,300	103,200*	45.1	340.5	40,800	96,200	210
215					19.2	304.5	49,300	97,900*	41.5	335.0	39,200	93,400	215
220					7.6	281.1	47,300	91,600*	37.6	328.6	37,700	90,700	220
225									33.3	321.2	36,300	88,100	225
230									28.3	312.4	34,900	85,700	230
235									22.4	301.3	33,500	83,300	235
240									14.1	284.9	32,100	80,900	240



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



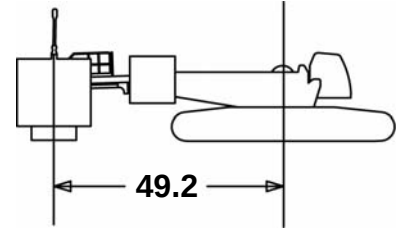
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

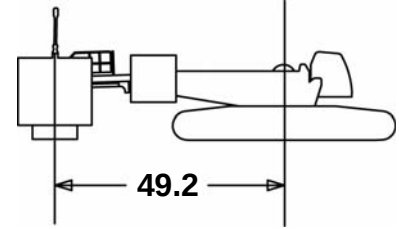
275.6 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
145	62.7	397.0	101,400	121,600*									145
150	60.4	394.1	97,100	121,600*									150
155	57.9	391.0	93,000	121,600*									155
160	55.4	387.6	89,200	121,600*									160
165	52.8	383.8	85,600	119,300*									165
170	50.1	379.7	82,200	115,800*									170
175	47.3	375.1	79,100	112,200*									175
180	44.3	370.1	76,100	108,600*	56.9	382.2	62,700	116,100*					180
185	41.2	364.5	73,200	104,900*	54.3	378.6	60,300	116,100*					185
190	37.8	358.2	70,500	101,300*	51.7	374.7	58,000	115,700*					190
195	34.2	351.0	68,000	97,500*	49.0	370.4	55,900	112,700*					195
200	30.2	342.7	65,500	93,700*	46.1	365.6	53,800	109,400					200
205	25.6	332.8	63,200	89,700*	43.1	360.4	51,800	106,100					205
210	20.0	320.3	60,900	85,400*	39.9	354.5	49,900	102,700*	52.9	367.0	39,000	94,700	210
215	11.8	301.4	58,600	80,600*	36.4	347.9	48,100	99,300*	50.2	362.9	37,500	91,900	215
220					32.6	340.3	46,400	95,600*	47.4	358.3	36,000	89,300	220
225					28.4	331.5	44,700	91,800*	44.4	353.3	34,700	86,800	225
230					23.5	320.7	43,100	87,700*	41.3	347.7	33,300	84,300	230
235					17.2	306.3	41,400	83,300*	38.0	341.4	32,100	82,000	235
240					5.4	278.6	39,600	77,900*	34.4	334.3	30,800	79,800	240
245									30.4	326.1	29,600	77,600	245
250									25.8	316.3	28,400	75,600	250
255									20.2	303.9	27,300	73,600	255
260									12.3	285.5	26,000	71,600	260



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



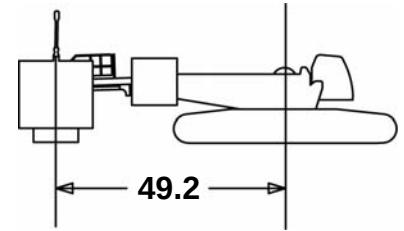
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

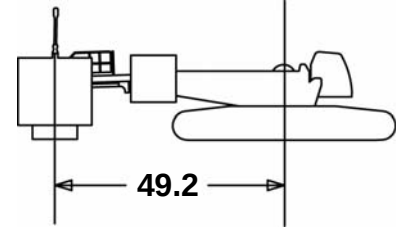
275.6 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
155	62.3	413.9	90,700	106,200*									155
160	60.2	411.1	86,900	106,200*									160
165	58.1	408.0	83,400	106,200*									165
170	55.9	404.6	80,100	106,200*									170
175	53.7	401.0	77,000	106,200*									175
180	51.3	397.0	74,000	104,600*									180
185	48.9	392.7	71,200	101,700*									185
190	46.4	388.0	68,600	98,800*	57.2	399.1	55,600	100,600*					190
195	43.8	382.9	66,100	95,800*	55.0	395.7	53,500	100,600*					195
200	41.1	377.2	63,700	92,800*	52.7	391.9	51,500	100,600*					200
205	38.2	371.0	61,400	89,800*	50.4	387.8	49,600	100,600*					205
210	35.1	364.0	59,200	86,700*	47.9	383.3	47,700	99,300*					210
215	31.7	356.1	57,100	83,600*	45.4	378.5	46,000	96,700*					215
220	27.9	347.0	55,100	80,400*	42.7	373.1	44,300	94,000*					220
225	23.6	336.2	53,200	77,000*	39.9	367.2	42,700	91,200*	51.4	380.2	32,200	84,800	225
230	18.2	322.4	51,300	73,400*	36.9	360.7	41,100	88,200*	49.0	375.9	30,900	82,400	230
235	10.3	301.3	49,300	69,200*	33.7	353.4	39,600	85,300*	46.5	371.2	29,700	80,100	235
240					30.2	345.1	38,200	82,200*	43.9	366.1	28,500	77,900	240
245					26.2	335.4	36,800	79,000*	41.2	360.4	27,400	75,800	245
250					21.6	323.6	35,400	75,500*	38.3	354.2	26,300	73,800	250
255					15.5	307.8	34,000	71,700*	35.2	347.3	25,200	71,900	255
260					2.8	273.2	32,400	66,900*	31.8	339.5	24,200	70,000	260
265									28.1	330.4	23,200	68,200	265
270									23.8	319.7	22,200	66,400	270
275									18.5	306.1	21,200	64,700	275
280									10.8	285.5	20,100	63,000	280



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



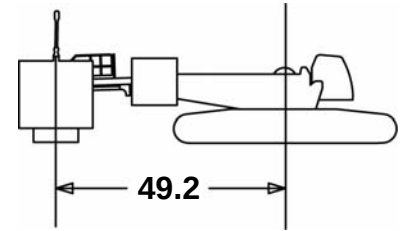
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

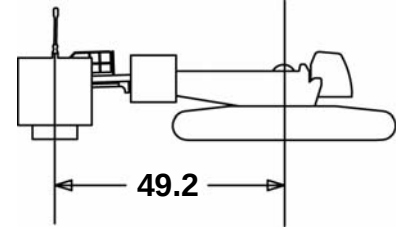
275.6 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
165	62.0	430.9	81,700	92,900*									165
170	60.2	428.0	78,400	92,900*									170
175	58.3	425.0	75,300	92,900*									175
180	56.3	421.6	72,300	92,900*									180
185	54.3	418.1	69,600	92,900*									185
190	52.3	414.2	67,000	92,900*									190
195	50.2	410.1	64,500	92,500*									195
200	48.0	405.6	62,100	90,100*	57.5	416.1	49,700	87,200*					200
205	45.8	400.8	59,900	87,600*	55.5	412.7	47,800	87,200*					205
210	43.5	395.6	57,700	85,100*	53.5	409.0	45,900	87,200*					210
215	41.0	390.0	55,700	82,600*	51.5	405.1	44,200	87,200*					215
220	38.4	383.7	53,700	80,100*	49.3	400.8	42,600	87,200*					220
225	35.7	376.9	51,900	77,600*	47.1	396.2	41,000	87,200*					225
230	32.8	369.3	50,100	74,900*	44.9	391.3	39,500	86,000*					230
235	29.6	360.8	48,300	72,300*	42.5	385.9	38,000	83,700*	52.4	397.4	27,800	78,600	235
240	26.0	350.9	46,700	69,500*	40.0	380.0	36,600	81,400*	50.3	393.3	26,700	76,400	240
245	21.9	339.2	45,000	66,600*	37.3	373.5	35,300	78,900*	48.1	388.8	25,600	74,300	245
250	16.7	324.2	43,400	63,500*	34.5	366.4	34,000	76,500*	45.9	384.0	24,500	72,300	250
255	9.0	300.8	41,800	59,800*	31.5	358.5	32,700	74,000*	43.6	378.8	23,500	70,400	255
260					28.2	349.5	31,500	71,300*	41.1	373.2	22,500	68,600	260
265					24.4	339.0	30,300	68,500*	38.5	367.0	21,500	66,800	265
270					19.9	326.1	29,100	65,500*	35.8	360.2	20,600	65,100	270
275					14.2	309.0	27,900	62,200*	32.9	352.7	19,700	63,500	275
280									29.7	344.2	18,800	61,900	280
285									26.1	334.4	17,900	60,300	285
290									22.0	322.7	17,100	58,800	290
295									17.0	308.0	16,200	57,300	295
300									9.4	285.2	15,300	55,800	300



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

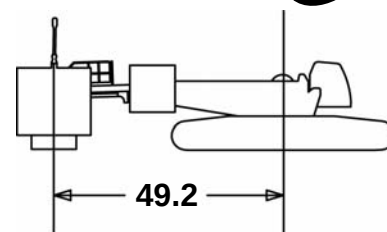
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 49.2 ft Position

360 Degree Rating



16000 MAX-ER

275.6 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
180	60.1	445.0	70,100	81,000*									180
185	58.4	441.9	67,400	81,000*									185
190	56.6	438.7	64,800	81,000*									190
195	54.9	435.2	62,300	81,000*									195
200	53.1	431.4	60,000	81,000*									200
205	51.2	427.4	57,800	81,000*									205
210	49.3	423.1	55,700	81,000*	57.7	433.1	43,600	75,200*					210
215	47.3	418.6	53,700	79,700*	55.9	429.7	41,900	75,200*					215
220	45.3	413.7	51,700	77,600*	54.1	426.2	40,200	75,200*					220
225	43.1	408.4	49,900	75,500*	52.3	422.3	38,700	75,200*					225
230	40.9	402.7	48,100	73,400*	50.4	418.2	37,200	75,200*					230
235	38.6	396.5	46,500	71,200*	48.5	413.8	35,800	75,200*					235
240	36.2	389.8	44,800	69,100*	46.5	409.1	34,400	75,200*					240
245	33.6	382.4	43,300	66,900*	44.4	404.1	33,100	75,200*					245
250	30.8	374.3	41,800	64,600*	42.3	398.6	31,800	74,400*	51.3	410.6	22,100	70,400	250
255	27.8	365.1	40,300	62,300*	40.0	392.7	30,600	72,400*	49.4	406.3	21,100	68,500	255
260	24.4	354.5	38,900	59,900*	37.7	386.4	29,500	70,400*	47.4	401.8	20,100	66,700	260
265	20.4	341.9	37,500	57,300*	35.2	379.4	28,300	68,300*	45.3	396.9	19,200	64,900	265
270	15.5	325.7	36,100	54,600*	32.5	371.7	27,200	66,200*	43.2	391.6	18,300	63,300	270
275	7.8	299.7	34,700	51,400*	29.6	363.2	26,200	64,000*	41.0	385.9	17,400	61,600	275
280					26.4	353.5	25,100	61,600*	38.7	379.8	16,600	60,100	280
285					22.8	342.2	24,100	59,100*	36.3	373.1	15,800	58,600	285
290					18.6	328.4	23,100	56,500*	33.7	365.7	15,000	57,100	290
295					13.0	309.7	22,000	53,600*	30.9	357.6	14,200	55,700*	295
300									27.9	348.5	13,400	54,200*	300
305									24.5	338.0	12,700	52,800*	305
310									20.6	325.5	12,000	51,300*	310
315									15.7	309.5	11,200	49,900*	315
320									8.2	284.3	10,400	48,500*	320



Liftcrane Luffing Jib Capacities

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

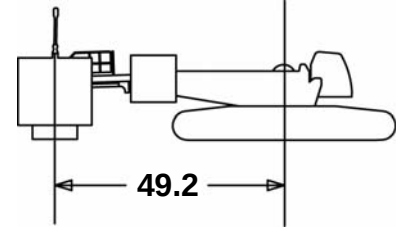
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



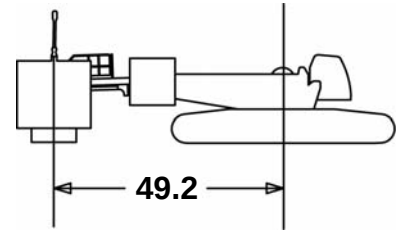
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

275.6 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
190	60.0	462.0	62,700	70,700*									190
195	58.5	458.9	60,200	70,700*									195
200	56.9	455.7	57,900	70,700*									200
205	55.3	452.2	55,700	70,700*									205
210	53.7	448.5	53,600	70,700*									210
215	52.0	444.7	51,600	70,700*									215
220	50.3	440.5	49,700	70,700*	57.9	450.1	38,000	65,200*					220
225	48.5	436.1	47,900	70,700*	56.3	446.8	36,500	65,200*					225
230	46.7	431.5	46,100	70,400*	54.6	443.2	35,000	65,200*					230
235	44.8	426.5	44,500	68,700*	53.0	439.5	33,600	65,200*					235
240	42.9	421.1	42,900	66,900*	51.3	435.5	32,200	65,200*					240
245	40.9	415.4	41,300	65,100*	49.6	431.3	30,900	65,200*					245
250	38.8	409.3	39,900	63,200*	47.8	426.8	29,700	65,200*					250
255	36.6	402.7	38,400	61,300*	45.9	422.0	28,500	65,200*					255
260	34.3	395.5	37,100	59,500*	44.1	416.9	27,400	65,200*	52.1	427.8	17,800	60,900*	260
265	31.8	387.6	35,700	57,600*	42.1	411.4	26,200	65,200*	50.3	423.7	16,900	60,900*	265
270	29.1	378.8	34,500	55,600*	40.1	405.5	25,200	64,400*	48.6	419.3	16,100	60,900*	270
275	26.2	369.0	33,200	53,500*	37.9	399.2	24,100	62,600*	46.8	414.7	15,200	59,600*	275
280	23.0	357.7	32,000	51,500*	35.7	392.3	23,100	60,800*	44.9	409.7	14,400	57,900*	280
285	19.2	344.3	30,800	49,200*	33.3	384.8	22,200	59,100*	43.0	404.4	13,600	56,300*	285
290	14.4	326.9	29,600	46,800*	30.7	376.6	21,200	57,100*	41.0	398.7	12,800	54,800*	290
295	6.6	298.0	28,300	43,900*	28.0	367.5	20,300	55,100*	38.9	392.6	12,100	53,300*	295
300					25.0	357.1	19,400	53,100*	36.7	385.9	11,400	51,900*	300
305					21.5	345.1	18,500	50,900*	34.4	378.8	10,600	50,500*	305
310					17.4	330.4	17,600	48,600*	31.9	370.9	10,000	49,100*	310
315					11.9	310.2	16,700	46,000*	29.3	362.2	9,300	47,800*	315
320									26.4	352.4	8,600	46,500*	320
325									23.1	341.2	8,000	45,300*	325
330									19.3	327.9	7,300	44,000*	330
335									14.6	310.8	6,600	42,800*	335
340									7.1	282.9	5,900	41,500*	340



Liftcrane Luffing Jib Capacities

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

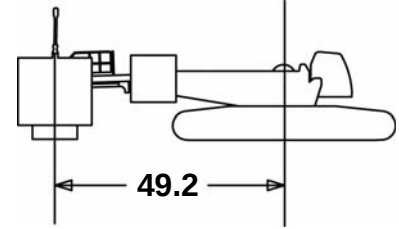
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



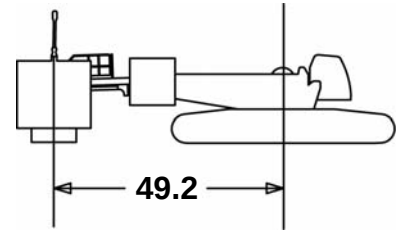
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

275.6 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
205	58.6	475.9	53,600	61,000*									205
210	57.1	472.6	51,500	61,000*									210
215	55.7	469.2	49,500	61,000*									215
220	54.2	465.6	47,700	61,000*									220
225	52.6	461.9	45,900	61,000*									225
230	51.1	457.8	44,100	61,000*	58.0	467.1	32,700	56,300*					230
235	49.5	453.6	42,500	61,000*	56.5	463.8	31,300	56,300*					235
240	47.9	449.1	40,900	61,000*	55.1	460.3	30,000	56,300*					240
245	46.2	444.3	39,400	61,000*	53.6	456.6	28,700	56,300*					245
250	44.5	439.3	37,900	59,700*	52.0	452.7	27,500	56,300*					250
255	42.7	433.9	36,500	58,200*	50.4	448.6	26,300	56,300*					255
260	40.8	428.2	35,200	56,600*	48.8	444.3	25,200	56,300*					260
265	38.9	422.1	33,900	55,100*	47.2	439.7	24,100	56,300*					265
270	36.9	415.5	32,600	53,500*	45.5	434.8	23,100	56,300*	52.7	445.0	13,700	52,100*	270
275	34.8	408.4	31,400	51,900*	43.8	429.6	22,100	56,300*	51.2	441.0	12,900	52,100*	275
280	32.6	400.7	30,300	50,300*	41.9	424.1	21,100	56,300*	49.6	436.8	12,100	52,100*	280
285	30.2	392.4	29,100	48,600*	40.1	418.2	20,100	56,000*	47.9	432.3	11,300	52,100*	285
290	27.7	383.1	28,000	46,900*	38.1	412.0	19,200	54,600*	46.3	427.5	10,600	52,100*	290
295	24.9	372.7	27,000	45,100*	36.1	405.2	18,300	53,000*	44.5	422.5	9,900	50,900*	295
300	21.7	360.7	25,900	43,300*	33.9	397.9	17,500	51,500*	42.8	417.1	9,200	49,500*	300
305	18.1	346.4	24,900	41,300*	31.7	389.9	16,600	49,900*	40.9	411.4	8,500	48,100*	305
310	13.4	327.9	23,800	39,100*	29.2	381.2	15,800	48,200*	39.0	405.3	7,800	46,800*	310
315	5.5	295.5	22,700	36,500*	26.6	371.5	15,000	46,500*	37.0	398.8	7,200	45,500*	315
320					23.6	360.5	14,200	44,700*	34.9	391.7	6,600	44,300*	320
325					20.3	347.7	13,500	42,800*	32.7	384.1	6,000	43,100*	325
330					16.3	332.1	12,700	40,800*	30.3	375.7	5,400	41,900*	330
335					10.9	310.4	11,900	38,400*	27.8	366.5	4,800	40,700*	335
340									25.0	356.1	4,200	39,600*	340
345									21.9	344.2	3,600	38,500*	345
350									18.2	330.0	3,000	37,400*	350
355									13.6	311.8	2,400	36,300*	355
360									6.0	280.9	1,800	35,200*	360



Liftcrane Luffing Jib Capacities

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

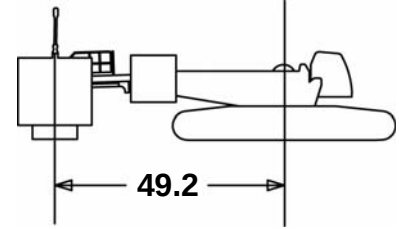
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



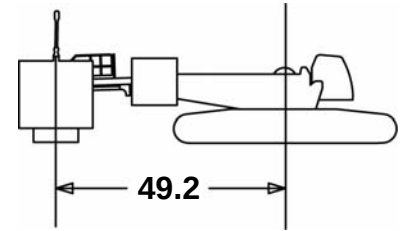
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

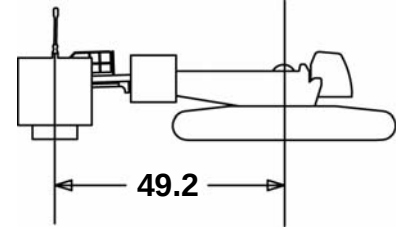
275.6 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
220	57.3	489.6	45,900	53,100*									220
225	56.0	486.3	44,100	53,100*									225
230	54.6	482.7	42,400	53,100*									230
235	53.2	479.0	40,800	53,100*									235
240	51.8	475.1	39,200	53,100*									240
245	50.3	471.0	37,700	53,100*	56.8	480.8	26,900	49,100*					245
250	48.8	466.6	36,300	53,100*	55.4	477.3	25,700	49,100*					250
255	47.3	462.0	34,900	53,100*	54.0	473.7	24,500	49,100*					255
260	45.8	457.2	33,500	53,100*	52.6	469.9	23,400	49,100*					260
265	44.2	452.1	32,300	53,000*	51.2	465.9	22,300	49,100*					265
270	42.5	446.7	31,000	51,700*	49.7	461.7	21,300	49,100*					270
275	40.8	440.9	29,800	50,400*	48.2	457.3	20,300	49,100*					275
280	39.0	434.8	28,700	49,000*	46.7	452.6	19,300	49,100*					280
285	37.2	428.3	27,600	47,600*	45.1	447.6	18,400	49,100*	51.8	458.2	9,400	45,200*	285
290	35.3	421.4	26,500	46,300*	43.5	442.4	17,500	49,100*	50.4	454.1	8,700	45,200*	290
295	33.3	413.9	25,400	44,900*	41.8	436.9	16,600	49,100*	48.9	449.8	8,000	45,200*	295
300	31.1	405.7	24,400	43,400*	40.1	431.0	15,800	49,100*	47.4	445.2	7,300	45,200*	300
305	28.8	396.9	23,400	41,900*	38.3	424.7	15,000	48,600*	45.8	440.4	6,600	45,200*	305
310	26.4	387.1	22,500	40,400*	36.4	418.0	14,200	47,300*	44.2	435.3	6,000	44,800*	310
315	23.7	376.1	21,500	38,800*	34.5	410.9	13,400	46,000*	42.6	429.9	5,400	43,500*	315
320	20.6	363.4	20,600	37,100*	32.4	403.1	12,600	44,600*	40.9	424.2	4,800	42,300*	320
325	17.1	348.3	19,700	35,400*	30.2	394.7	11,900	43,200*	39.1	418.1	4,200	41,100*	325
330	12.5	328.5	18,800	33,400*	27.9	385.5	11,200	41,700*	37.3	411.6	3,600	40,000*	330
335	4.2	292.0	17,800	30,900*	25.3	375.3	10,500	40,200*	35.4	404.6	3,000	38,800*	335
340					22.5	363.7	9,800	38,500*	33.4	397.2	2,500	37,700*	340
345					19.3	350.2	9,100	36,800*	31.2	389.1	2,000	36,700*	345
350					15.4	333.5	8,400	35,000*	28.9	380.2		35,600*	350
355					10.1	310.3	7,700	32,800*	26.5	370.5		34,600*	355
360									23.8	359.5		33,600*	360
365									20.8	347.0		32,600*	365
370									17.2	332.0		31,600*	370
375									12.7	312.5		30,700*	375
380									4.9	278.0		29,600*	380



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



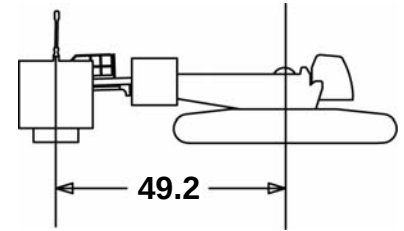
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

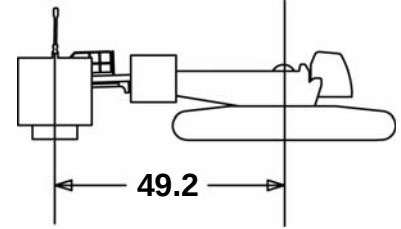
275.6 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
230	57.5	506.6	40,200	45,900*									230
235	56.2	503.3	38,600	45,900*									235
240	54.9	499.8	37,000	45,900*									240
245	53.7	496.1	35,500	45,900*									245
250	52.3	492.3	34,100	45,900*									250
255	51.0	488.2	32,800	45,900*	57.0	497.8	22,100	42,000*					255
260	49.7	484.0	31,400	45,900*	55.7	494.4	21,100	42,000*					260
265	48.3	479.6	30,200	45,900*	54.4	490.8	20,000	42,000*					265
270	46.8	474.9	28,900	45,900*	53.1	487.1	19,000	42,000*					270
275	45.4	470.0	27,800	45,900*	51.8	483.1	18,000	42,000*					275
280	43.9	464.9	26,600	45,900*	50.5	479.0	17,100	42,000*					280
285	42.4	459.4	25,500	45,500*	49.1	474.7	16,100	42,000*					285
290	40.8	453.7	24,500	44,400*	47.7	470.2	15,300	42,000*					290
295	39.1	447.6	23,500	43,200*	46.3	465.5	14,400	42,000*	52.4	475.4	5,600	38,200*	295
300	37.4	441.1	22,500	42,000*	44.8	460.5	13,600	42,000*	51.1	471.4	4,900	38,200*	300
305	35.7	434.3	21,500	40,700*	43.3	455.2	12,800	42,000*	49.7	467.2	4,300	38,200*	305
310	33.8	426.9	20,600	39,500*	41.7	449.6	12,000	42,000*	48.3	462.8	3,600	38,200*	310
315	31.9	419.0	19,700	38,200*	40.1	443.7	11,300	42,000*	46.9	458.1	3,000	38,200*	315
320	29.8	410.4	18,800	36,900*	38.5	437.5	10,500	42,000*	45.4	453.2	2,400	38,200*	320
325	27.6	401.1	17,900	35,600*	36.7	430.9	9,800	41,700*	44.0	448.1	1,900	38,200*	325
330	25.2	390.8	17,100	34,200*	34.9	423.8	9,100	40,600*	42.4	442.6		37,500*	330
335	22.6	379.2	16,200	32,800*	33.0	416.2	8,400	39,400*	40.8	436.9		36,400*	335
340	19.7	365.9	15,400	31,300*	31.1	408.1	7,800	38,100*	39.2	430.9		35,300*	340
345	16.2	350.0	14,600	29,700*	28.9	399.2	7,100	36,800*	37.5	424.4		34,200*	345
350	11.7	329.0	13,800	27,900*	26.7	389.5	6,500	35,500*	35.7	417.5		33,200*	350
355	2.8	286.3	12,800	25,600*	24.2	378.8	5,900	34,100*	33.9	410.2		32,200*	355
360					21.5	366.6	5,300	32,700*	32.0	402.3		31,300*	360
365					18.3	352.4	4,700	31,100*	29.9	393.8		30,300*	365
370					14.5	334.8	4,100	29,400*	27.7	384.5		29,400*	370
375					9.3	309.9	3,400	27,400*	25.3	374.2		28,500*	375
380									22.7	362.7		27,600*	380
385									19.8	349.5		26,700*	385
390									16.3	333.7		25,800*	390
395									11.9	313.0		25,000*	395
400									3.7	273.8		24,000*	400



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



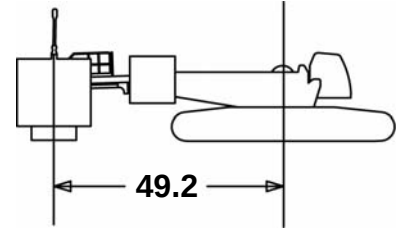
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

295.3 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
125	61.1	362.4	123,700	154,500*b									125
130	56.8	359.1	117,800	152,700*b									130
135	52.2	355.3	112,400	147,000*b									135
140	47.3	350.8	107,300	140,900*b									140
145	41.9	345.4	102,600	134,800*									145
150	35.9	338.7	98,100	128,400*									150
155	28.7	330.2	93,900	122,000*	56.4	350.8	78,400	144,900*b					155
160	19.0	317.8	89,800	115,000*	51.8	347.0	75,100	139,800*b					160
165					46.9	342.4	72,000	134,300*b					165
170					41.5	336.9	69,100	128,600*					170
175					35.4	330.1	66,300	122,600*					175
180					28.1	321.4	63,600	116,500*					180
185					18.0	308.5	61,000	109,600*	50.7	335.8	48,800	112,200b	185
190									45.7	331.0	46,800	108,600b	190
195									40.1	325.3	45,000	105,100	195
200									33.8	318.1	43,100	101,900	200
205									26.1	308.8	41,400	98,700	205
210									14.5	293.8	39,500	95,500	210



Liftcrane Luffing Jib Capacities

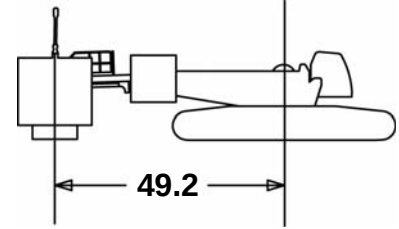
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 49.2 ft Position

360 Degree Rating



16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

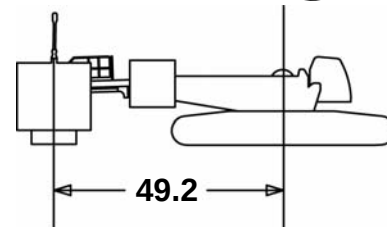
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 49.2 ft Position

360 Degree Rating



16000 MAX-ER

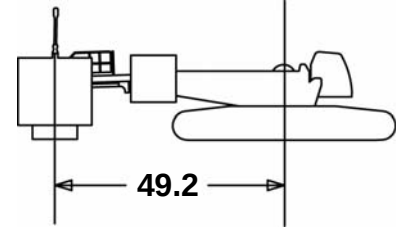
295.3 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
135	60.8	379.3	110,900	134,200*b									135
140	57.3	376.1	105,900	133,200*b									140
145	53.7	372.5	101,300	129,700*									145
150	50.0	368.4	97,000	125,100*									150
155	45.9	363.6	92,900	120,400*									155
160	41.6	358.1	89,100	115,700*									160
165	36.9	351.6	85,600	110,900*	57.1	367.8	70,400	127,200*b					165
170	31.5	343.8	82,200	106,100*	53.5	364.2	67,600	123,400*					170
175	25.0	333.9	78,900	101,000*	49.7	360.0	65,000	119,400*					175
180	16.1	319.4	75,700	95,400*	45.6	355.2	62,400	115,200*					180
185					41.3	349.6	60,000	110,800*					185
190					36.5	343.1	57,700	106,200*					190
195					31.0	335.1	55,500	101,600*	52.6	353.1	43,300	103,800	195
200					24.4	325.0	53,400	96,700*	48.7	348.8	41,600	100,600	200
205					15.1	309.8	51,200	91,200*	44.6	343.8	40,000	97,500	205
210									40.2	338.0	38,500	94,600	210
215									35.3	331.2	37,000	91,800	215
220									29.6	322.8	35,500	89,200	220
225									22.6	311.9	34,000	86,600	225
230									11.8	294.1	32,500	84,000	230



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



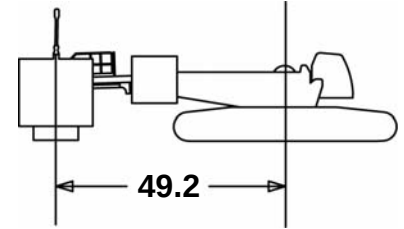
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

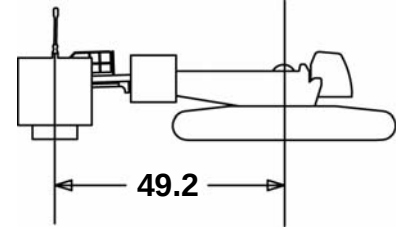
295.3 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
145	60.6	396.3	99,100	117,700*									145
150	57.7	393.1	94,800	117,100*									150
155	54.7	389.6	90,800	116,000*									155
160	51.7	385.7	87,100	112,300*									160
165	48.4	381.3	83,600	108,600*									165
170	45.0	376.4	80,300	104,900*									170
175	41.4	370.9	77,200	101,100*	57.5	384.8	62,500	113,000*					175
180	37.5	364.5	74,300	97,300*	54.5	381.3	60,100	110,400*					180
185	33.2	357.1	71,500	93,500*	51.4	377.4	57,800	107,300*					185
190	28.2	348.2	68,800	89,600*	48.2	372.9	55,500	104,000*					190
195	22.2	337.0	66,200	85,400*	44.8	368.0	53,400	100,600*					195
200	13.8	320.4	63,600	80,800*	41.1	362.4	51,400	97,100*					200
205					37.2	355.9	49,500	93,400*					205
210					32.8	348.4	47,700	89,900*	50.7	366.2	36,000	92,600	210
215					27.8	339.4	45,900	86,000*	47.4	361.7	34,600	89,900	215
220					21.7	327.9	44,100	81,900*	43.9	356.6	33,300	87,300	220
225					12.9	310.6	42,300	77,300*	40.2	350.8	31,900	84,800	225
230									36.2	344.1	30,700	82,500	230
235									31.7	336.3	29,400	80,200	235
240									26.5	326.9	28,200	78,000	240
245									20.0	314.5	27,000	75,800	245
250									9.7	293.8	25,700	72,500*	250



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



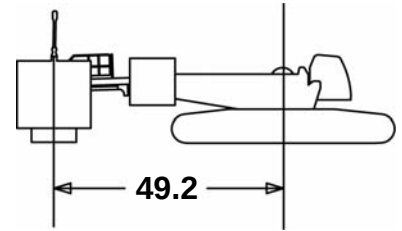
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

295.3 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
150	62.8	416.0	93,100	103,800*									150
155	60.4	413.2	89,200	103,700*									155
160	58.0	410.1	85,500	103,400*									160
165	55.4	406.7	82,000	102,800*									165
170	52.8	402.9	78,800	101,300*									170
175	50.1	398.8	75,700	98,300*									175
180	47.3	394.2	72,800	95,300*									180
185	44.4	389.2	70,100	92,300*	57.8	401.8	55,900	98,900*					185
190	41.3	383.6	67,500	89,200*	55.2	398.4	53,800	98,900*					190
195	37.9	377.3	65,000	86,100*	52.6	394.6	51,700	96,800*					195
200	34.3	370.2	62,700	83,100*	49.9	390.4	49,800	94,200*					200
205	30.3	361.9	60,400	79,900*	47.1	385.8	47,900	91,500*					205
210	25.7	352.1	58,200	76,600*	44.1	380.7	46,100	88,700*					210
215	20.1	339.6	56,100	73,100*	41.0	375.1	44,400	85,800*					215
220	12.0	320.9	54,000	69,200*	37.6	368.7	42,800	82,900*	52.0	383.5	31,400	85,800	220
225					34.0	361.5	41,200	80,000*	49.3	379.2	30,200	83,400	225
230					30.0	353.2	39,700	76,900*	46.4	374.5	28,900	81,000	230
235					25.3	343.2	38,200	73,700*	43.4	369.3	27,800	78,800	235
240					19.6	330.4	36,800	70,200*	40.2	363.5	26,700	76,600	240
245					11.2	310.8	35,200	66,300*	36.8	357.0	25,600	74,600	245
250									33.1	349.5	24,500	72,600	250
255									28.9	340.9	23,500	70,700	255
260									24.1	330.3	22,400	68,800	260
265									18.0	316.6	21,400	66,100*	265
270									7.8	292.7	20,300	62,100*	270



Liftcrane Luffing Jib Capacities

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

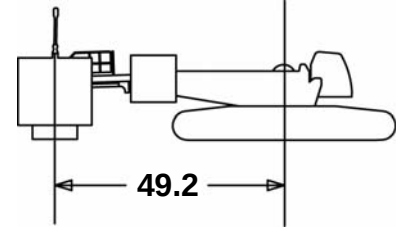
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



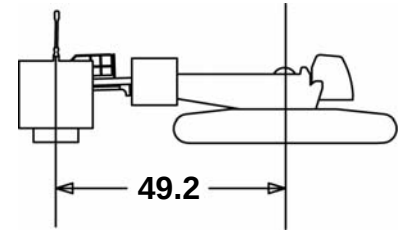
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

295.3 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
165	60.3	430.2	79,800	91,200*									165
170	58.2	427.1	76,500	91,100*									170
175	56.0	423.7	73,500	90,900*									175
180	53.7	420.1	70,700	90,500*									180
185	51.4	416.1	68,000	88,700*									185
190	49.0	411.8	65,400	86,300*									190
195	46.5	407.1	63,000	83,800*	58.0	418.8	49,300	86,400*					195
200	43.9	402.0	60,700	81,200*	55.8	415.4	47,400	86,400*					200
205	41.1	396.3	58,500	78,700*	53.5	411.7	45,500	86,400*					205
210	38.2	390.1	56,400	76,100*	51.2	407.7	43,800	84,900*					210
215	35.1	383.1	54,400	73,600*	48.8	403.4	42,200	82,700*					215
220	31.7	375.3	52,500	71,000*	46.3	398.7	40,600	80,500*					220
225	28.0	366.2	50,600	68,300*	43.7	393.5	39,100	78,200*					225
230	23.6	355.5	48,800	65,500*	40.9	387.8	37,600	75,800*	53.0	400.7	26,400	79,000	230
235	18.3	341.7	47,100	62,500*	38.0	381.6	36,200	73,300*	50.6	396.6	25,300	76,800	235
240	10.5	320.9	45,300	59,200*	34.9	374.5	34,800	71,000*	48.2	392.2	24,200	74,700	240
245					31.5	366.6	33,500	68,400*	45.7	387.4	23,200	72,600	245
250					27.7	357.5	32,300	65,800*	43.0	382.1	22,200	70,700	250
255					23.3	346.5	31,000	63,000*	40.3	376.3	21,200	68,800	255
260					17.9	332.5	29,800	60,100*	37.3	369.8	20,300	67,000	260
265					9.6	310.5	28,500	56,700*	34.1	362.6	19,400	65,300	265
270									30.6	354.4	18,500	63,600	270
275									26.7	344.9	17,600	62,000	275
280									22.1	333.4	16,700	59,400*	280
285									16.3	318.2	15,800	56,500*	285
290									6.1	290.6	14,800	52,900*	290



Liftcrane Luffing Jib Capacities

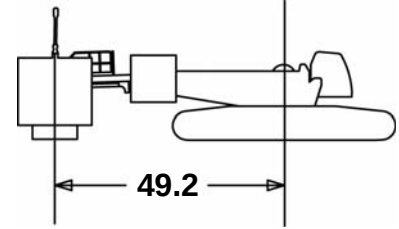
Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A

332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight
at 49.2 ft Position

360 Degree Rating



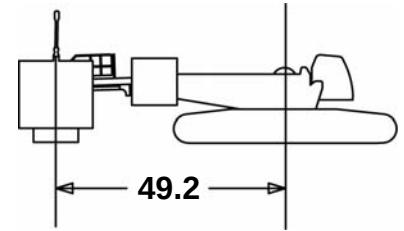
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

295.3 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
175	60.2	447.1	71,800	80,400*									175
180	58.3	444.0	69,000	80,400*									180
185	56.4	440.7	66,300	80,400*									185
190	54.4	437.2	63,800	80,200*									190
195	52.3	433.3	61,400	79,900*									195
200	50.2	429.2	59,100	78,300*									200
205	48.1	424.8	56,900	76,200*									205
210	45.8	420.0	54,900	74,100*	56.2	432.4	42,000	76,200*					210
215	43.5	414.7	52,900	72,000*	54.2	428.9	40,300	76,200*					215
220	41.1	409.1	51,000	69,800*	52.2	425.0	38,800	76,200*					220
225	38.5	402.9	49,200	67,700*	50.1	420.8	37,300	75,000*					225
230	35.7	396.1	47,500	65,600*	47.9	416.4	35,900	73,200*					230
235	32.8	388.5	45,800	63,400*	45.7	411.5	34,500	71,300*					235
240	29.6	380.0	44,200	61,100*	43.3	406.3	33,200	69,300*					240
245	26.1	370.1	42,700	58,800*	40.9	400.6	31,900	67,300*	51.7	413.9	21,300	71,100	245
250	21.9	358.5	41,200	56,400*	38.3	394.4	30,700	65,300*	49.6	409.7	20,300	69,200	250
255	16.9	343.6	39,700	53,800*	35.5	387.5	29,500	63,300*	47.4	405.1	19,400	67,300	255
260	9.2	320.4	38,100	50,900*	32.6	379.9	28,400	61,100*	45.1	400.2	18,500	65,600	260
265					29.4	371.2	27,300	59,000*	42.7	394.8	17,600	63,900	265
270					25.8	361.3	26,200	56,700*	40.3	389.0	16,800	62,200	270
275					21.6	349.4	25,100	54,300*	37.6	382.6	15,900	60,600	275
280					16.4	334.2	24,100	51,700*	34.9	375.6	15,100	59,100*	280
285					8.3	309.6	22,900	48,700*	31.8	367.8	14,400	57,500*	285
290									28.5	358.9	13,600	55,700*	290
295									24.8	348.5	12,800	53,500*	295
300									20.5	336.1	12,100	51,100*	300
305									14.9	319.6	11,300	48,500*	305
310									4.3	287.1	10,400	45,400*	310



Liftcrane Luffing Jib Capacities

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

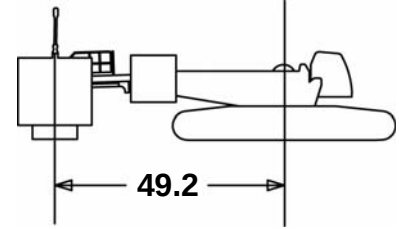
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



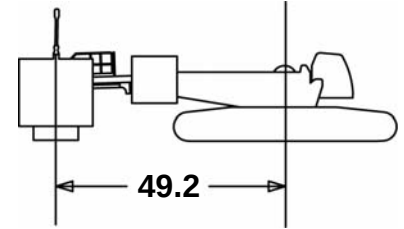
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

295.3 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
190	58.4	461.0	61,500	70,600*									190
195	56.7	457.7	59,200	70,600*									195
200	54.9	454.2	56,900	70,600*									200
205	53.1	450.5	54,800	70,600*									205
210	51.2	446.5	52,700	70,400*									210
215	49.3	442.2	50,800	68,900*									215
220	47.3	437.7	48,900	67,200*	56.5	449.4	36,400	66,400*					220
225	45.3	432.8	47,200	65,400*	54.8	445.9	34,900	66,400*					225
230	43.2	427.5	45,500	63,600*	52.9	442.2	33,500	66,400*					230
235	41.0	421.8	43,900	61,800*	51.1	438.2	32,200	66,400*					235
240	38.7	415.7	42,300	59,900*	49.2	433.9	30,900	66,100*					240
245	36.2	409.0	40,800	58,100*	47.2	429.3	29,700	64,500*					245
250	33.6	401.6	39,400	56,300*	45.1	424.4	28,500	62,900*					250
255	30.9	393.4	38,000	54,300*	43.0	419.0	27,300	61,300*	52.5	431.1	16,900	61,700*	255
260	27.8	384.3	36,600	52,400*	40.8	413.3	26,200	59,600*	50.6	427.0	16,000	61,700*	260
265	24.4	373.7	35,300	50,400*	38.5	407.1	25,200	57,800*	48.7	422.7	15,200	61,500*	265
270	20.5	361.1	34,000	48,300*	36.0	400.4	24,100	56,100*	46.7	418.0	14,400	59,800*	270
275	15.6	345.1	32,700	46,000*	33.4	393.0	23,100	54,300*	44.6	413.0	13,600	58,200*	275
280	8.0	319.5	31,400	43,400*	30.6	384.7	22,200	52,500*	42.5	407.6	12,800	56,600*	280
285					27.6	375.5	21,200	50,500*	40.3	401.8	12,100	55,000*	285
290					24.1	364.8	20,300	48,600*	37.9	395.4	11,400	53,500*	290
295					20.2	352.0	19,400	46,500*	35.4	388.5	10,700	52,100*	295
300					15.1	335.6	18,500	44,200*	32.8	381.0	10,000	50,700*	300
305					7.0	308.2	17,400	41,400*	29.9	372.5	9,300	49,400*	305
310									26.8	363.0	8,600	47,600*	310
315									23.3	351.9	8,000	45,700*	315
320									19.1	338.4	7,300	43,600*	320
325									13.7	320.6	6,700	41,300*	325



Liftcrane Luffing Jib Capacities

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

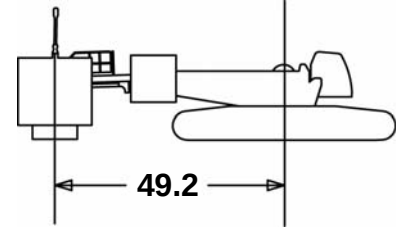
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



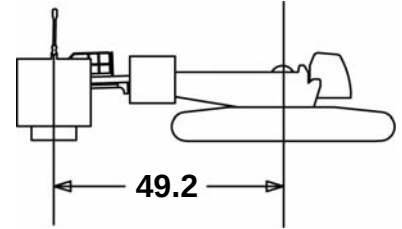
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

295.3 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
200	58.5	478.0	54,800	61,500*									200
205	56.9	474.7	52,600	61,500*									205
210	55.3	471.3	50,600	61,500*									210
215	53.7	467.6	48,700	61,500*									215
220	52.0	463.7	46,900	61,500*									220
225	50.3	459.6	45,100	60,900*									225
230	48.5	455.2	43,400	59,400*	56.8	466.4	31,200	57,500*					230
235	46.7	450.6	41,800	57,900*	55.2	463.0	29,900	57,500*					235
240	44.9	445.6	40,300	56,400*	53.6	459.3	28,700	57,500*					240
245	42.9	440.3	38,800	54,900*	51.9	455.4	27,400	57,500*					245
250	40.9	434.6	37,400	53,300*	50.2	451.3	26,300	57,500*					250
255	38.8	428.4	36,000	51,800*	48.4	446.9	25,200	56,900*					255
260	36.6	421.8	34,700	50,300*	46.6	442.2	24,100	55,600*					260
265	34.3	414.6	33,400	48,700*	44.7	437.2	23,000	54,200*					265
270	31.8	406.7	32,200	47,100*	42.8	431.8	22,000	52,800*	51.5	444.3	12,100	54,000*	270
275	29.2	398.0	31,000	45,400*	40.8	426.1	21,100	51,400*	49.8	440.1	11,300	54,000*	275
280	26.3	388.2	29,800	43,700*	38.7	419.9	20,100	49,900*	48.0	435.6	10,500	53,000*	280
285	23.0	377.0	28,700	42,000*	36.5	413.2	19,200	48,500*	46.2	430.9	9,800	51,900*	285
290	19.2	363.6	27,600	40,200*	34.1	406.0	18,300	46,900*	44.3	425.8	9,100	50,700*	290
295	14.5	346.3	26,500	38,100*	31.7	398.1	17,500	45,400*	42.3	420.3	8,500	49,500*	295
300	6.8	317.9	25,300	35,800*	29.0	389.3	16,600	43,800*	40.3	414.5	7,800	48,200*	300
305					26.0	379.4	15,800	42,100*	38.2	408.2	7,200	46,900*	305
310					22.8	368.0	15,000	40,400*	35.9	401.4	6,500	45,600*	310
315					18.9	354.4	14,200	38,500*	33.6	394.0	5,900	44,100*	315
320					14.0	336.7	13,400	36,500*	31.0	385.9	5,300	42,700*	320
325					5.8	306.0	12,500	34,100*	28.3	376.9	4,700	41,100*	325
330									25.3	366.7	4,200	39,500*	330
335									21.9	354.9	3,600	37,800*	335
340									17.9	340.5	3,000	36,000*	340
345									12.6	321.3	2,400	34,000*	345



Liftcrane Luffing Jib Capacities

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

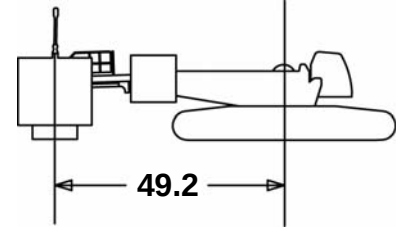
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



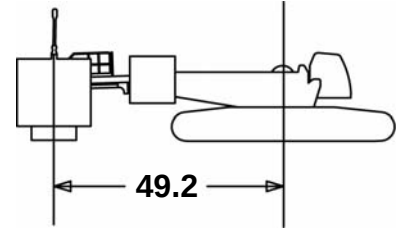
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

295.3 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
215	57.2	491.7	46,600	53,800*									215
220	55.7	488.3	44,800	53,800*									220
225	54.2	484.7	43,000	53,800*									225
230	52.7	480.9	41,400	53,800*									230
235	51.1	476.9	39,800	53,800*									235
240	49.5	472.7	38,300	53,600*	57.0	483.4	26,400	50,200*					240
245	47.9	468.2	36,800	52,300*	55.6	480.0	25,200	50,200*					245
250	46.2	463.4	35,400	51,000*	54.1	476.4	24,000	50,200*					250
255	44.5	458.4	34,100	49,700*	52.6	472.6	22,900	50,200*					255
260	42.7	453.0	32,800	48,400*	51.0	468.6	21,900	50,200*					260
265	40.9	447.3	31,500	47,000*	49.4	464.3	20,800	50,200*					265
270	39.0	441.2	30,300	45,700*	47.8	459.8	19,900	50,000*					270
275	37.0	434.6	29,200	44,400*	46.1	455.0	18,900	48,900*					275
280	34.9	427.6	28,000	43,000*	44.4	450.0	18,000	47,700*	52.2	461.5	8,200	46,600*	280
285	32.6	419.9	26,900	41,600*	42.6	444.6	17,100	46,500*	50.6	457.4	7,500	46,600*	285
290	30.3	411.5	25,900	40,200*	40.7	438.8	16,300	45,300*	49.0	453.1	6,800	46,600*	290
295	27.7	402.3	24,900	38,700*	38.8	432.7	15,400	44,000*	47.4	448.5	6,200	46,500*	295
300	24.9	391.9	23,900	37,200*	36.8	426.1	14,600	42,800*	45.7	443.7	5,500	45,600*	300
305	21.8	380.0	22,900	35,700*	34.7	419.0	13,800	41,400*	43.9	438.6	4,900	44,600*	305
310	18.1	365.7	21,900	34,000*	32.5	411.3	13,100	40,100*	42.2	433.1	4,300	43,300*	310
315	13.5	347.3	20,900	32,200*	30.1	402.8	12,300	38,700*	40.3	427.3	3,700	42,100*	315
320	5.7	315.6	19,900	30,000*	27.5	393.5	11,600	37,200*	38.3	421.0	3,200	40,900*	320
325					24.7	383.0	10,900	35,800*	36.3	414.3	2,600	39,700*	325
330					21.5	370.9	10,200	34,200*	34.2	407.1	2,100	38,600*	330
335					17.8	356.4	9,500	32,600*	31.9	399.2	1,600	37,500*	335
340					13.1	337.5	8,800	30,700*	29.5	390.6		36,200*	340
345					4.5	302.7	7,900	28,500*	26.9	381.0		34,900*	345
350									24.0	370.2		33,400*	350
355									20.7	357.6		31,900*	355
360									16.8	342.4		30,300*	360
365									11.7	321.7		28,400*	365



Liftcrane Luffing Jib Capacities

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

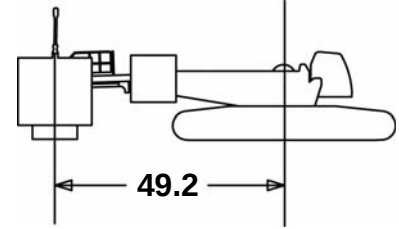
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



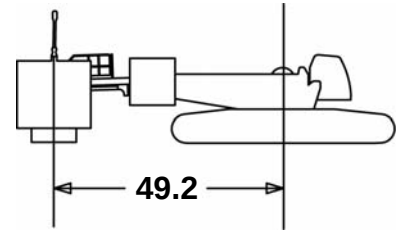
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

295.3 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
225	57.3	508.7	41,200	47,100*									225
230	56.0	505.3	39,600	47,100*									230
235	54.6	501.8	38,000	47,100*									235
240	53.2	498.1	36,500	47,100*									240
245	51.8	494.2	35,100	47,100*									245
250	50.3	490.0	33,700	47,100*	57.2	500.4	22,100	43,600*					250
255	48.9	485.7	32,400	47,100*	55.9	497.0	21,000	43,600*					255
260	47.3	481.1	31,100	46,100*	54.5	493.5	20,000	43,600*					260
265	45.8	476.3	29,800	45,000*	53.1	489.7	19,000	43,600*					265
270	44.2	471.2	28,700	43,900*	51.7	485.8	18,000	43,600*					270
275	42.5	465.8	27,500	42,700*	50.2	481.7	17,100	43,600*					275
280	40.8	460.1	26,400	41,500*	48.7	477.3	16,200	43,600*					280
285	39.1	454.0	25,300	40,300*	47.2	472.7	15,300	43,600*					285
290	37.2	447.5	24,300	39,200*	45.7	467.9	14,500	43,100*	52.8	478.7	4,900	39,900*	290
295	35.3	440.5	23,300	38,000*	44.1	462.7	13,700	42,100*	51.3	474.7	4,200	39,900*	295
300	33.3	433.0	22,300	36,800*	42.4	457.3	12,900	41,000*	49.9	470.5	3,600	39,900*	300
305	31.2	424.9	21,400	35,500*	40.7	451.6	12,100	39,900*	48.4	466.1	3,000	39,900*	305
310	28.9	416.0	20,500	34,200*	38.9	445.4	11,400	38,800*	46.9	461.5	2,400	39,900*	310
315	26.4	406.3	19,600	32,900*	37.1	438.9	10,600	37,700*	45.3	456.5	1,900	39,900*	315
320	23.7	395.3	18,700	31,600*	35.2	431.9	9,900	36,600*	43.7	451.4		38,900*	320
325	20.7	382.7	17,800	30,200*	33.1	424.4	9,300	35,400*	42.0	445.9		37,700*	325
330	17.1	367.6	17,000	28,700*	31.0	416.2	8,600	34,200*	40.3	440.0		36,600*	330
335	12.6	348.0	16,100	27,000*	28.7	407.3	7,900	32,900*	38.5	433.8		35,600*	335
340	4.6	312.4	15,100	25,000*	26.2	397.4	7,300	31,600*	36.6	427.2		34,500*	340
345					23.5	386.4	6,700	30,300*	34.7	420.0		33,500*	345
350					20.4	373.6	6,000	28,900*	32.6	412.4		32,500*	350
355					16.8	358.3	5,400	27,400*	30.5	404.0		31,500*	355
360					12.2	338.1	4,800	25,700*	28.1	394.9		30,600*	360
365					3.0	297.5	4,000	23,600*	25.6	384.8		29,500*	365
370									22.8	373.4		28,200*	370
375									19.7	360.1		26,800*	375
380									15.9	344.0		25,300*	380
385									10.8	321.9		23,600*	385



Liftcrane Luffing Jib Capacities

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

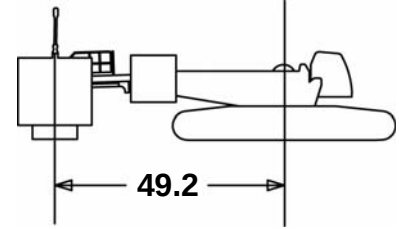
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



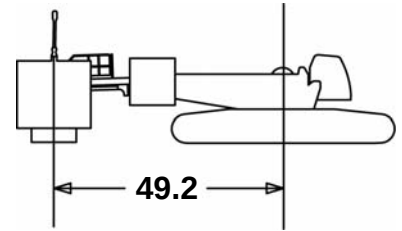
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

295.3 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds		
235	57.5	525.7	35,800	40,900*									235
240	56.2	522.3	34,300	40,900*									240
245	55.0	518.9	32,900	40,900*									245
250	53.7	515.2	31,500	40,900*									250
255	52.4	511.4	30,200	40,900*									255
260	51.0	507.3	28,900	40,900*	57.4	517.4	17,600	37,500*					260
265	49.7	503.1	27,700	40,900*	56.1	514.1	16,600	37,500*					265
270	48.3	498.7	26,500	40,900*	54.9	510.5	15,700	37,500*					270
275	46.9	494.0	25,400	40,200*	53.6	506.9	14,700	37,500*					275
280	45.4	489.1	24,300	39,200*	52.3	503.0	13,900	37,500*					280
285	43.9	484.0	23,300	38,200*	50.9	499.0	13,000	37,500*					285
290	42.4	478.5	22,200	37,200*	49.6	494.7	12,200	37,500*					290
295	40.8	472.8	21,300	36,200*	48.2	490.3	11,400	37,500*					295
300	39.2	466.7	20,300	35,100*	46.8	485.6	10,600	37,500*					300
305	37.5	460.3	19,400	34,100*	45.3	480.7	9,900	37,500*	52.0	491.9	34,500*		305
310	35.7	453.4	18,500	33,100*	43.8	475.5	9,100	36,600*	50.6	487.9	34,500*		310
315	33.9	446.1	17,600	32,000*	42.3	470.1	8,400	35,700*	49.2	483.6	34,500*		315
320	31.9	438.2	16,800	30,900*	40.7	464.3	7,800	34,700*	47.8	479.1	34,500*		320
325	29.9	429.6	15,900	29,800*	39.0	458.2	7,100	33,800*	46.4	474.3	34,500*		325
330	27.7	420.3	15,100	28,600*	37.3	451.7	6,400	32,800*	45.0	469.4	34,100*		330
335	25.3	410.0	14,400	27,400*	35.6	444.8	5,800	31,800*	43.4	464.1	33,000*		335
340	22.7	398.5	13,600	26,200*	33.7	437.4	5,200	30,700*	41.9	458.6	32,000*		340
345	19.7	385.2	12,800	24,900*	31.8	429.5	4,600	29,700*	40.3	452.7	31,000*		345
350	16.3	369.3	12,100	23,600*	29.7	420.9	4,000	28,600*	38.6	446.6	30,000*		350
355	11.8	348.5	11,300	22,000*	27.5	411.5	3,400	27,400*	36.9	440.0	29,100*		355
360	3.2	307.5	10,400	20,100*	25.1	401.1	2,900	26,300*	35.1	433.0	28,200*		360
365					22.5	389.5	2,300	25,100*	33.3	425.5	27,300*		365
370					19.5	376.1	1,800	23,800*	31.3	417.4	26,400*		370
375					16.0	359.9		22,400*	29.2	408.6	25,500*		375
380					11.4	338.5		20,800*	26.9	399.0	24,700*		380
385									24.5	388.4	23,900*		385
390									21.8	376.4	23,000*		390
395									18.7	362.4	21,800*		395
400									15.0	345.3	20,500*		400
405									10.0	321.7	18,900*		405



Liftcrane Luffing Jib Capacities

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

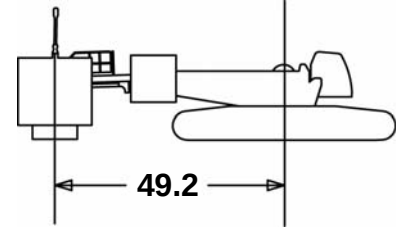
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



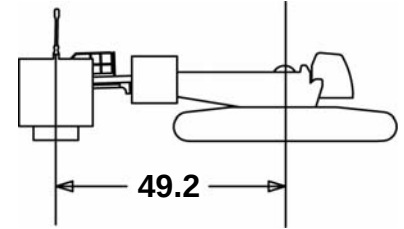
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

315.0 ft Boom, 78.7 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
130	61.2	381.4	112,500	131,800*c									130
135	56.9	378.2	107,300	129,900*b									135
140	52.3	374.4	102,400	128,100*b									140
145	47.4	369.9	97,900	126,200*b									145
150	42.0	364.5	93,700	124,500*									150
155	36.0	357.9	89,700	122,900*									155
160	28.9	349.4	85,900	118,800*	58.0	370.5	69,200	126,900*b					160
165	19.2	337.1	82,200	112,600*	53.5	366.9	66,400	126,200*b					165
170					48.7	362.5	63,700	125,100*b					170
175					43.4	357.4	61,100	123,900*					175
180					37.6	351.1	58,600	121,900					180
185					30.8	343.2	56,300	117,800					185
190					22.0	332.3	53,900	113,900					190
195									49.1	352.1	39,000	100,700b	195
200									43.9	347.0	37,400	97,500b	200
205									38.1	340.9	35,800	94,500	205
210									31.4	333.2	34,300	91,700	210
215									22.9	322.6	32,800	88,900	215
220									6.3	300.4	31,000	86,000	220



Liftcrane Luffing Jib Capacities

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

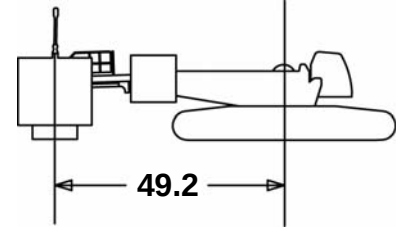
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



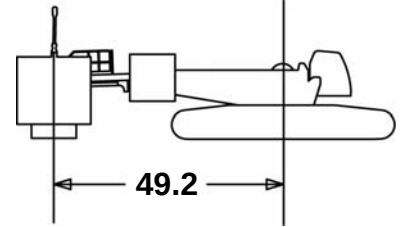
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

315.0 ft Boom, 98.4 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
140	60.8	398.4	100,900	115,100*b									140
145	57.4	395.2	96,500	114,100*b									145
150	53.8	391.6	92,400	112,900*									150
155	50.0	387.5	88,500	111,600*									155
160	46.0	382.7	84,900	110,200*									160
165	41.7	377.2	81,400	108,800*									165
170	37.0	370.8	78,200	107,600*									170
175	31.6	363.0	75,100	104,700*	54.7	384.0	59,500	110,900*b					175
180	25.1	353.1	72,100	100,200*	51.0	380.0	57,200	110,300*					180
185	16.3	338.8	69,200	95,200*	47.1	375.4	54,900	109,500*					185
190					42.8	370.1	52,800	108,500*					190
195					38.2	364.0	50,800	107,500*					195
200					33.0	356.6	48,800	105,900					200
205					26.9	347.3	46,900	102,700	51.3	369.5	34,200	93,200	205
210					18.9	334.6	45,000	99,500	47.4	365.0	32,800	90,400	210
215									43.2	359.8	31,500	87,700	215
220									38.6	353.7	30,200	85,200	220
225									33.5	346.4	28,900	82,700	225
230									27.4	337.4	27,700	80,400	230
235									19.7	325.0	26,400	78,100	235



Liftcrane Luffing Jib Capacities

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

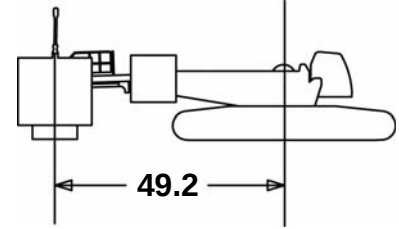
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



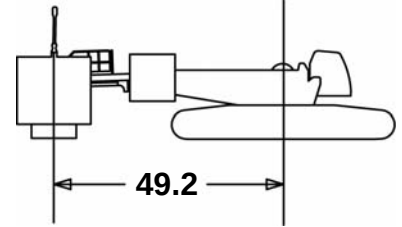
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

315.0 ft Boom, 118.1 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
150	60.6	415.3	90,100	101,300*									150
155	57.8	412.2	86,200	100,600*									155
160	54.8	408.7	82,700	99,700*									160
165	51.7	404.8	79,300	98,700*									165
170	48.5	400.4	76,200	97,700*									170
175	45.1	395.5	73,200	96,600*									175
180	41.5	390.0	70,400	95,500*									180
185	37.6	383.6	67,700	94,600*	55.5	401.1	52,500	97,400*					185
190	33.2	376.3	65,200	92,000*	52.5	397.3	50,400	97,200*					190
195	28.3	367.4	62,700	88,900*	49.3	393.0	48,500	96,700*					195
200	22.4	356.2	60,400	85,100*	46.0	388.2	46,600	96,100*					200
205	14.0	339.8	58,000	81,000*	42.4	382.9	44,900	95,300*					205
210					38.6	376.8	43,200	94,600*					210
215					34.4	369.7	41,500	93,900*	52.8	386.8	28,900	85,700	215
220					29.6	361.3	39,900	92,300	49.6	382.6	27,700	83,200	220
225					24.0	350.8	38,400	89,700	46.2	377.9	26,600	80,800	225
230					16.5	336.3	36,800	87,100	42.7	372.5	25,400	78,500	230
235									38.9	366.5	24,300	76,400	235
240									34.7	359.5	23,300	74,300	240
245									30.0	351.2	22,200	72,300	245
250									24.5	341.0	21,200	70,300	250
255									17.3	326.9	20,100	68,400	255



Liftcrane Luffing Jib Capacities

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

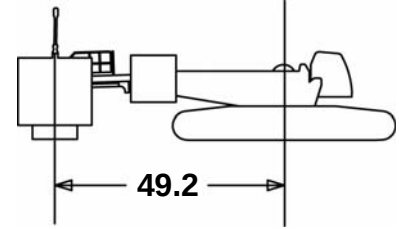
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



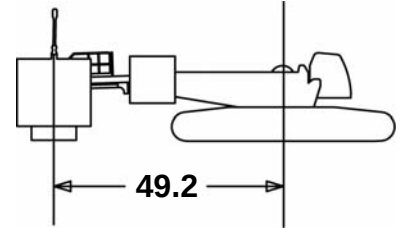
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

315.0 ft Boom, 137.8 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
165	58.0	429.2	77,700	89,100*									165
170	55.5	425.8	74,600	88,500*									170
175	52.9	422.0	71,600	87,800*									175
180	50.2	417.9	68,900	87,000*									180
185	47.4	413.3	66,300	86,200*									185
190	44.4	408.3	63,800	85,400*									190
195	41.3	402.7	61,400	84,600*	56.1	418.1	46,700	85,800*					195
200	38.0	396.4	59,200	82,300*	53.5	414.4	44,900	85,800*					200
205	34.4	389.3	57,000	80,000*	50.9	410.4	43,100	85,700*					205
210	30.4	381.1	55,000	77,700*	48.1	406.0	41,500	85,300*					210
215	25.8	371.3	53,000	75,600*	45.2	401.1	39,900	84,900*					215
220	20.2	358.9	51,000	73,100*	42.1	395.6	38,400	84,300*					220
225	12.3	340.4	49,000	69,600*	38.8	389.5	36,900	83,800*					225
230					35.3	382.6	35,500	83,300*	51.1	399.9	23,600	77,000	230
235					31.4	374.7	34,200	82,800*	48.3	395.5	22,500	74,900	235
240					27.0	365.4	32,900	81,300	45.4	390.7	21,500	72,800	240
245					21.7	353.8	31,600	79,100	42.4	385.3	20,600	70,900	245
250					14.7	337.5	30,200	76,000*	39.1	379.2	19,600	69,000	250
255									35.6	372.4	18,700	67,200	255
260									31.7	364.6	17,800	65,400	260
265									27.4	355.4	17,000	63,700	265
270									22.2	344.0	16,100	62,000	270
275									15.4	328.4	15,200	60,400	275



Liftcrane Luffing Jib Capacities

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

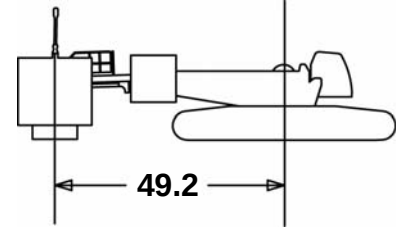
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



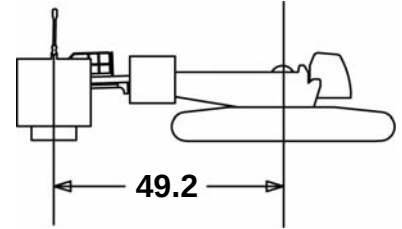
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

315.0 ft Boom, 157.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
175	58.2	446.1	69,300	78,900*									175
180	56.0	442.8	66,600	78,500*									180
185	53.8	439.2	64,000	78,000*									185
190	51.4	435.2	61,600	77,400*									190
195	49.0	430.9	59,300	76,800*									195
200	46.5	426.2	57,100	76,200*									200
205	43.9	421.1	55,000	75,500*	56.6	435.1	40,600	75,400*					205
210	41.2	415.5	53,000	73,700*	54.3	431.5	39,000	75,400*					210
215	38.3	409.2	51,100	71,600*	52.0	427.7	37,500	75,400*					215
220	35.2	402.3	49,300	69,600*	49.6	423.5	36,000	75,400*					220
225	31.8	394.5	47,500	67,700*	47.2	418.9	34,600	75,300*					225
230	28.0	385.4	45,800	65,900*	44.6	413.9	33,300	75,000*					230
235	23.7	374.7	44,100	64,300*	41.9	408.4	32,000	74,600*					235
240	18.4	361.1	42,500	62,700*	39.0	402.3	30,700	74,200*	52.2	417.2	19,000	70,700*	240
245	10.7	340.5	40,900	59,700*	36.0	395.6	29,500	73,800*	49.8	413.0	18,100	68,700*	245
250					32.7	388.0	28,400	73,400*	47.4	408.5	17,200	66,800*	250
255					29.0	379.3	27,200	73,100*	44.8	403.5	16,300	64,900*	255
260					24.9	369.0	26,100	71,400	42.1	398.0	15,500	63,200*	260
265					19.9	356.3	25,000	68,800*	39.3	392.0	14,700	61,400*	265
270					13.1	338.4	23,900	65,600*	36.2	385.3	13,900	59,800*	270
275									33.0	377.8	13,100	58,100*	275
280									29.3	369.2	12,400	56,600*	280
285									25.2	359.1	11,700	55,000*	285
290									20.4	346.7	10,900	53,500*	290
295									13.8	329.4	10,100	52,000*	295



Liftcrane Luffing Jib Capacities

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

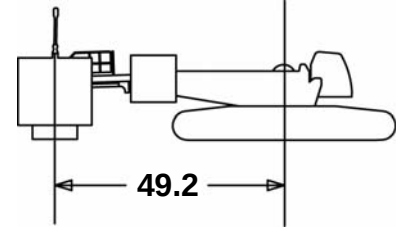
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



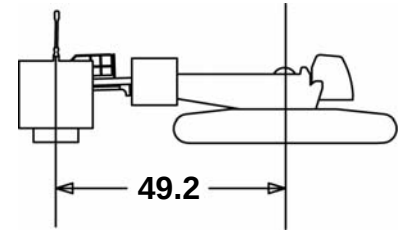
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

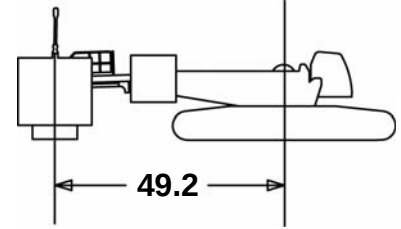
315.0 ft Boom, 177.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
185	58.3	463.1	62,300	69,900*									185
190	56.4	459.8	59,900	69,700*									190
195	54.4	456.3	57,600	69,400*									195
200	52.4	452.4	55,400	69,000*									200
205	50.3	448.3	53,300	68,600*									205
210	48.1	443.9	51,400	68,100*									210
215	45.9	439.1	49,500	67,600*	56.9	452.1	35,600	66,400*					215
220	43.5	433.9	47,700	66,200*	54.9	448.6	34,200	66,400*					220
225	41.1	428.2	46,000	64,500*	52.9	444.9	32,800	66,400*					225
230	38.5	422.0	44,300	62,800*	50.8	440.8	31,500	66,400*					230
235	35.8	415.2	42,800	61,100*	48.7	436.5	30,200	66,400*					235
240	32.9	407.7	41,200	59,500*	46.4	431.7	29,000	66,400*					240
245	29.7	399.2	39,800	58,000*	44.1	426.6	27,800	66,400*					245
250	26.1	389.4	38,300	56,500*	41.7	421.1	26,700	66,200*					250
255	22.0	377.7	36,900	55,300*	39.2	415.1	25,600	66,000*	51.0	430.4	14,400	62,800*	255
260	17.0	362.9	35,500	54,100*	36.5	408.4	24,600	65,700*	48.8	426.0	13,600	61,100*	260
265	9.4	340.1	34,100	51,500*	33.6	401.1	23,600	65,500*	46.6	421.3	12,800	59,400*	265
270					30.5	392.8	22,600	65,100*	44.3	416.3	12,100	57,700*	270
275					27.1	383.4	21,600	63,600*	41.9	410.8	11,400	56,200*	275
280					23.1	372.3	20,600	62,200*	39.4	404.8	10,700	54,600*	280
285					18.4	358.5	19,700	59,900*	36.7	398.2	10,000	53,200*	285
290					11.8	338.8	18,700	57,000*	33.9	390.9	9,300	51,700*	290
295									30.8	382.7	8,700	50,300*	295
300									27.4	373.4	8,000	49,000*	300
305									23.5	362.5	7,400	47,600*	305
310									18.8	349.0	6,700	46,300*	310
315									12.5	330.0	6,000	45,000*	315



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



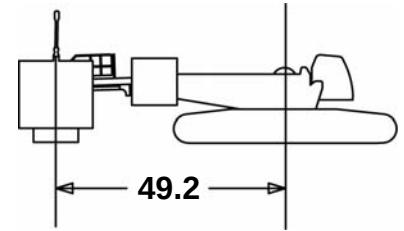
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

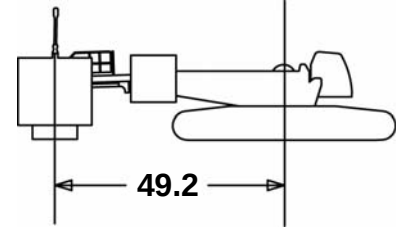
315.0 ft Boom, 196.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
200	56.7	476.8	53,200	60,900*									200
205	54.9	473.3	51,100	60,700*									205
210	53.1	469.6	49,200	60,500*									210
215	51.3	465.6	47,300	60,200*									215
220	49.3	461.4	45,600	59,900*									220
225	47.4	456.8	43,900	59,500*	57.2	469.1	30,300	57,600*					225
230	45.3	451.9	42,300	59,100*	55.4	465.7	29,100	57,600*					230
235	43.2	446.6	40,700	57,700*	53.6	462.0	27,800	57,600*					235
240	41.0	441.0	39,200	56,300*	51.7	458.1	26,600	57,600*					240
245	38.7	434.8	37,800	54,900*	49.8	453.9	25,500	57,600*					245
250	36.3	428.1	36,400	53,500*	47.9	449.4	24,400	57,600*					250
255	33.7	420.7	35,100	52,200*	45.9	444.6	23,300	57,600*					255
260	30.9	412.6	33,800	50,900*	43.8	439.4	22,300	57,600*					260
265	27.9	403.5	32,600	49,700*	41.6	433.9	21,300	57,600*	51.9	447.6	10,300	54,200*	265
270	24.5	393.0	31,300	48,500*	39.3	427.8	20,400	57,600*	50.0	443.4	9,600	54,200*	270
275	20.6	380.4	30,100	47,500*	36.9	421.3	19,500	57,600*	48.0	439.0	8,900	53,500*	275
280	15.7	364.5	29,000	45,400*	34.4	414.1	18,600	57,400*	46.0	434.2	8,200	52,000*	280
285	8.2	339.2	27,700	43,000*	31.6	406.2	17,700	57,300*	43.9	429.1	7,600	50,600*	285
290					28.7	397.3	16,900	56,200*	41.8	423.5	7,000	49,200*	290
295					25.4	387.2	16,000	54,500*	39.5	417.5	6,300	47,800*	295
300					21.6	375.3	15,200	52,700*	37.1	411.0	5,700	46,500*	300
305					17.1	360.4	14,400	50,500*	34.6	403.9	5,200	45,200*	305
310					10.6	338.9	13,500	48,100*	31.9	396.1	4,600	44,000*	310
315									28.9	387.3	4,000	42,800*	315
320									25.7	377.3	3,500	41,600*	320
325									22.0	365.5	2,900	40,400*	325
330									17.5	351.0	2,300	39,200*	330
335									11.3	330.3	1,700	38,100*	335



Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
with 98.4 ft Mast No. 59A
332,000 lb Crane Counterweight
120,000 lb Carbody Counterweight
313,850 lb Hanging Counterweight
at 49.2 ft Position
360 Degree Rating



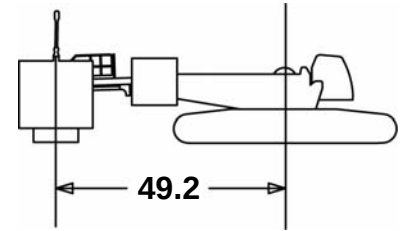
16000 MAX-ER

REFERENCE
ONLY!

THIS PAGE BLANK

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

315.0 ft Boom, 216.5 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
210	57.0	493.8	47,000	53,800*									210
215	55.4	490.4	45,200	53,700*									215
220	53.7	486.7	43,400	53,600*									220
225	52.0	482.8	41,800	53,400*									225
230	50.3	478.7	40,200	53,100*									230
235	48.6	474.3	38,600	52,900*	57.4	486.1	25,500	50,400*					235
240	46.8	469.7	37,200	52,600*	55.8	482.7	24,300	50,400*					240
245	44.9	464.7	35,700	51,700*	54.1	479.1	23,200	50,400*					245
250	43.0	459.4	34,400	50,500*	52.5	475.3	22,100	50,400*					250
255	41.0	453.7	33,100	49,300*	50.8	471.2	21,100	50,400*					255
260	38.9	447.6	31,800	48,200*	49.0	466.9	20,100	50,400*					260
265	36.7	441.0	30,600	47,100*	47.2	462.3	19,200	50,400*					265
270	34.4	433.8	29,500	46,000*	45.4	457.4	18,200	50,400*					270
275	31.9	425.9	28,300	44,900*	43.5	452.2	17,300	50,400*	52.6	464.8	6,600	47,000*	275
280	29.2	417.2	27,200	43,800*	41.5	446.6	16,500	50,400*	50.9	460.8	5,900	47,000*	280
285	26.3	407.4	26,100	42,900*	39.4	440.6	15,600	50,400*	49.2	456.5	5,300	47,000*	285
290	23.1	396.2	25,100	42,000*	37.2	434.1	14,800	50,400*	47.4	451.9	4,700	46,700*	290
295	19.3	382.9	24,100	40,600*	35.0	427.1	14,000	50,400*	45.5	447.0	4,100	45,300*	295
300	14.6	365.7	23,000	38,800*	32.5	419.4	13,300	50,400*	43.6	441.8	3,500	44,000*	300
305	7.1	337.8	21,900	36,500*	29.9	410.9	12,500	50,000*	41.6	436.3	2,900	42,800*	305
310					27.1	401.5	11,800	48,800*	39.6	430.3	2,400	41,600*	310
315					23.9	390.6	11,000	47,300*	37.4	423.9	1,900	40,400*	315
320					20.3	377.9	10,300	45,500*	35.1	416.9		39,200*	320
325					15.9	362.0	9,600	43,600*	32.7	409.2		38,100*	325
330					9.6	338.6	8,800	41,400*	30.1	400.8		37,000*	330
335									27.3	391.5		36,000*	335
340									24.2	380.8		34,900*	340
345									20.6	368.2		33,900*	345
350									16.3	352.7		32,900*	350
355									10.2	330.3		31,800*	355



Liftcrane Luffing Jib Capacities

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

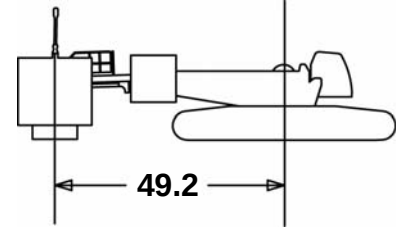
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



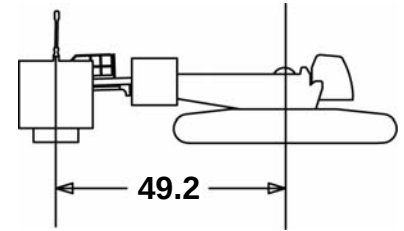
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

315.0 ft Boom, 236.2 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle				Jib Oper. Rad. Feet
	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	
220	57.2	510.8	41,300	47,300*									220
225	55.7	507.4	39,600	47,300*									225
230	54.2	503.8	38,000	47,300*									230
235	52.7	500.0	36,500	47,200*									235
240	51.1	496.0	35,100	47,200*									240
245	49.6	491.8	33,700	46,900*	57.5	503.1	20,900	44,100*					245
250	47.9	487.3	32,400	46,700*	56.1	499.7	19,800	44,100*					250
255	46.3	482.5	31,100	46,100*	54.6	496.2	18,800	44,100*					255
260	44.5	477.5	29,800	45,100*	53.1	492.4	17,800	44,100*					260
265	42.8	472.1	28,700	44,200*	51.5	488.5	16,900	44,100*					265
270	40.9	466.4	27,500	43,200*	50.0	484.3	16,000	44,100*					270
275	39.0	460.3	26,400	42,300*	48.3	479.9	15,100	44,100*					275
280	37.0	453.8	25,300	41,300*	46.7	475.2	14,300	44,100*					280
285	34.9	446.7	24,300	40,400*	45.0	470.2	13,500	44,100*					285
290	32.7	439.1	23,300	39,500*	43.2	465.0	12,700	44,100*	51.7	478.0	2,300	41,200*	290
295	30.3	430.7	22,300	38,600*	41.4	459.4	11,900	44,100*	50.1	473.9	1,700	41,200*	295
300	27.8	421.5	21,400	37,800*	39.5	453.4	11,200	44,100*	48.5	469.5		41,200*	300
305	25.0	411.1	20,400	37,000*	37.5	446.9	10,500	44,100*	46.8	464.8		40,300*	305
310	21.9	399.2	19,500	36,100*	35.4	440.0	9,800	44,100*	45.1	459.9		39,100*	310
315	18.2	385.0	18,600	34,600*	33.3	432.5	9,100	44,100*	43.4	454.6		37,900*	315
320	13.6	366.7	17,700	32,900*	30.9	424.3	8,400	44,100*	41.5	449.0		36,800*	320
325	6.0	335.7	16,700	30,800*	28.4	415.3	7,800	43,400*	39.6	443.0		35,700*	325
330					25.7	405.3	7,100	42,200*	37.7	436.7		34,700*	330
335					22.7	393.8	6,500	40,800*	35.6	429.8		33,600*	335
340					19.2	380.3	5,800	39,200*	33.4	422.3		32,600*	340
345					14.9	363.3	5,200	37,500*	31.1	414.2		31,700*	345
350					8.6	337.9	4,500	35,500*	28.6	405.3		30,700*	350
355									25.9	395.4		29,800*	355
360									22.9	384.0		28,800*	360
365									19.5	370.7		27,900*	365
370									15.3	354.1		27,000*	370
375									9.3	329.9		26,100*	375



Liftcrane Luffing Jib Capacities

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

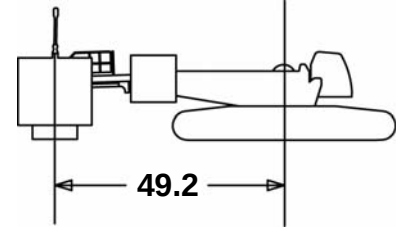
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



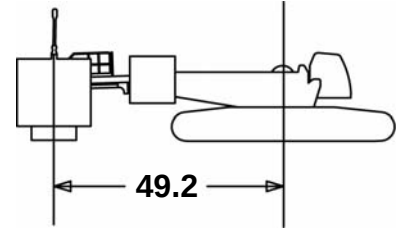
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

315.0 ft Boom, 255.9 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
230	57.4	527.8	36,200	41,600*								230
235	56.0	524.4	34,700	41,600*								235
240	54.6	520.9	33,300	41,600*								240
245	53.2	517.2	31,900	41,600*								245
250	51.8	513.3	30,600	41,600*								250
255	50.4	509.1	29,300	41,500*	57.7	520.0	16,900	38,400*				255
260	48.9	504.8	28,100	41,300*	56.4	516.7	15,900	38,400*				260
265	47.4	500.2	26,900	41,100*	55.0	513.2	15,000	38,400*				265
270	45.8	495.4	25,800	40,300*	53.6	509.6	14,100	38,400*				270
275	44.2	490.3	24,700	39,500*	52.2	505.7	13,200	38,400*				275
280	42.6	484.9	23,700	38,700*	50.7	501.6	12,400	38,400*				280
285	40.9	479.2	22,700	37,900*	49.3	497.4	11,600	38,400*				285
290	39.1	473.1	21,700	37,100*	47.8	492.8	10,800	38,400*				290
295	37.3	466.6	20,700	36,300*	46.2	488.1	10,100	38,400*				295
300	35.4	459.7	19,800	35,600*	44.6	483.1	9,400	38,400*	52.3	495.2	35,500*	300
305	33.3	452.2	18,900	34,800*	43.0	477.7	8,700	38,400*	50.9	491.2	35,500*	305
310	31.2	444.1	18,000	34,100*	41.3	472.1	8,000	38,400*	49.4	486.9	35,500*	310
315	28.9	435.2	17,200	33,400*	39.6	466.1	7,300	38,400*	47.9	482.4	35,500*	315
320	26.5	425.5	16,300	32,800*	37.7	459.7	6,700	38,400*	46.3	477.7	34,700*	320
325	23.8	414.5	15,500	32,000*	35.8	452.9	6,000	38,400*	44.8	472.7	33,700*	325
330	20.8	402.0	14,700	30,700*	33.9	445.6	5,400	38,400*	43.1	467.4	32,600*	330
335	17.2	387.0	13,900	29,300*	31.8	437.6	4,800	38,400*	41.4	461.8	31,600*	335
340	12.7	367.5	13,100	27,800*	29.5	429.0	4,300	38,400*	39.7	455.8	30,600*	340
345	4.9	332.7	12,200	25,900*	27.1	419.5	3,700	37,700*	37.9	449.5	29,700*	345
350					24.5	408.9	3,100	36,500*	36.0	442.7	28,800*	350
355					21.6	396.8	2,600	35,200*	34.0	435.4	27,800*	355
360					18.2	382.5	2,000	33,800*	31.9	427.5	27,000*	360
365					14.0	364.4		32,200*	29.7	418.9	26,100*	365
370					7.7	336.8		30,300*	27.3	409.5	25,200*	370
375									24.7	399.0	24,400*	375
380									21.8	387.0	23,600*	380
385									18.5	372.9	22,800*	385
390									14.4	355.3	21,900*	390
395									8.4	329.1	21,100*	395

Liftcrane Luffing Jib Capacities

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

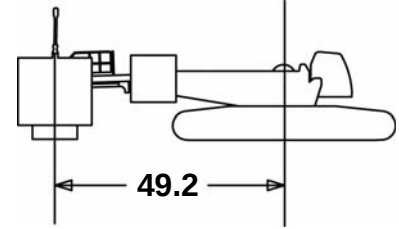
332,000 lb Crane Counterweight

120,000 lb Carbody Counterweight

313,850 lb Hanging Counterweight

at 49.2 ft Position

360 Degree Rating



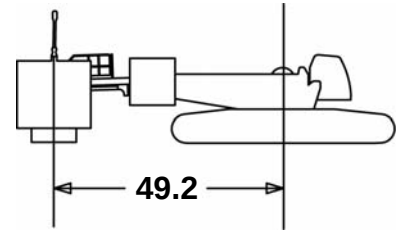
16000 MAX-ER

THIS PAGE BLANK

REFERENCE
ONLY!

Liftcrane Luffing Jib Capacities

Luffing Jib No. 59 On Boom No. 58 HL
 with 98.4 ft Mast No. 59A
 332,000 lb Crane Counterweight
 120,000 lb Carbody Counterweight
 313,850 lb Hanging Counterweight
 at 49.2 ft Position
 360 Degree Rating



16000 MAX-ER

315.0 ft Boom, 275.6 ft Luffing Jib

Jib Oper. Rad. Feet	75 Degree Boom Angle				70 Degree Boom Angle				65 Degree Boom Angle			Jib Oper. Rad. Feet
	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Minimum Luffing Jib Capacity To Swing and Travel Pounds	Luffing Jib Capacity Pounds	Jib Ang. Deg.	Jib Point Elev. Feet	Luffing Jib Capacity Pounds	
235	58.7	547.9	32,400	36,200*								235
240	57.5	544.8	31,000	36,200*								240
245	56.3	541.4	29,700	36,200*								245
250	55.0	537.9	28,400	36,200*								250
255	53.7	534.3	27,100	36,200*								255
260	52.4	530.5	25,900	36,200*								260
265	51.1	526.4	24,700	36,200*	57.8	537.0	12,500	33,100*				265
270	49.7	522.2	23,600	36,200*	56.6	533.7	11,700	33,100*				270
275	48.3	517.8	22,600	36,100*	55.3	530.3	10,800	33,100*				275
280	46.9	513.1	21,500	35,500*	54.0	526.7	10,000	33,100*				280
285	45.4	508.2	20,500	34,900*	52.7	522.9	9,200	33,100*				285
290	44.0	503.1	19,600	34,200*	51.4	518.9	8,500	33,100*				290
295	42.4	497.7	18,600	33,600*	50.0	514.7	7,800	33,100*				295
300	40.8	491.9	17,700	32,900*	48.7	510.4	7,000	33,100*				300
305	39.2	485.9	16,800	32,300*	47.3	505.8	6,400	33,100*				305
310	37.5	479.4	16,000	31,700*	45.8	500.9	5,700	33,100*	52.8	512.4	30,200*	310
315	35.7	472.5	15,200	31,000*	44.3	495.9	5,100	33,100*	51.5	508.4	30,200*	315
320	33.9	465.2	14,400	30,400*	42.8	490.5	4,400	33,100*	50.2	504.3	30,200*	320
325	32.0	457.3	13,600	29,800*	41.2	484.8	3,800	33,100*	48.8	499.9	30,200*	325
330	29.9	448.8	12,800	29,200*	39.6	478.9	3,200	33,100*	47.4	495.3	30,000*	330
335	27.7	439.5	12,100	28,700*	37.9	472.5	2,700	33,100*	45.9	490.5	29,000*	335
340	25.3	429.2	11,300	27,800*	36.2	465.8	2,100	33,100*	44.5	485.5	28,100*	340
345	22.7	417.7	10,600	26,700*	34.4	458.5	1,500	33,100*	42.9	480.1	27,100*	345
350	19.8	404.5	9,900	25,600*	32.4	450.8		33,100*	41.4	474.5	26,200*	350
355	16.3	388.7	9,200	24,300*	30.4	442.5		33,100*	39.7	468.6	25,300*	355
360	11.9	368.0	8,500	22,900*	28.3	433.4		32,900*	38.1	462.2	24,500*	360
365	3.6	328.4	7,700	21,000*	25.9	423.4		31,900*	36.3	455.5	23,600*	365
370					23.4	412.2		30,900*	34.5	448.4	22,800*	370
375					20.6	399.5		29,900*	32.6	440.7	22,000*	375
380					17.3	384.4		28,600*	30.6	432.4	21,200*	380
385					13.1	365.3		27,100*	28.4	423.3	20,400*	385
390					6.8	335.2		25,300*	26.1	413.4	19,700*	390
395									23.6	402.4	18,900*	395
400									20.8	389.8	18,200*	400
405									17.5	375.0	17,500*	405
410									13.5	356.3	16,700*	410
415									7.5	327.9	16,000*	415