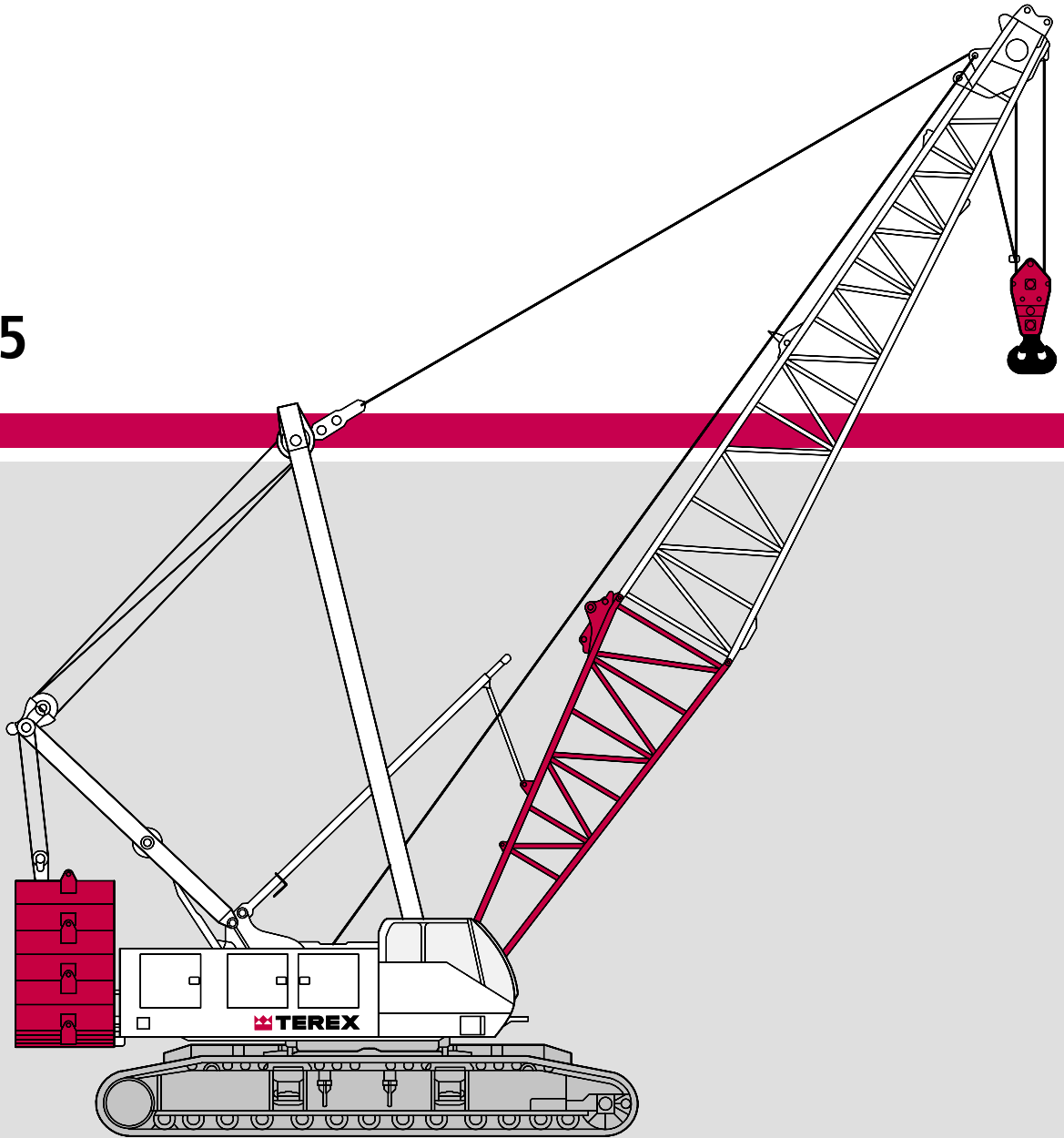


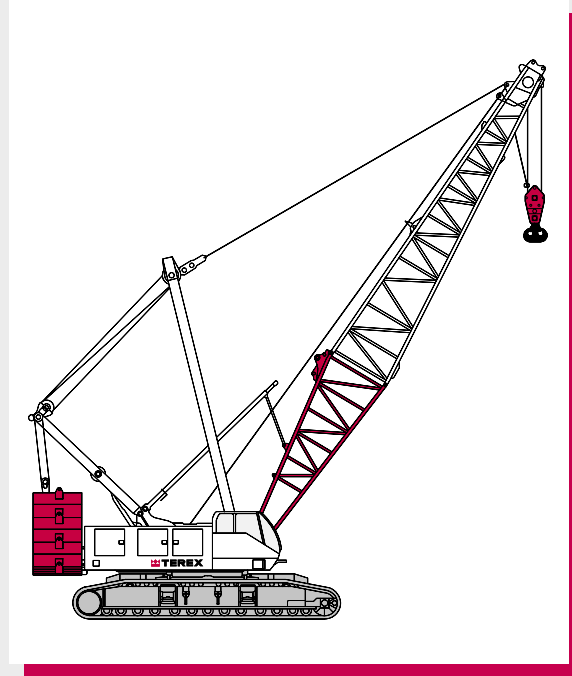
# HC 275



  
**275t**

## Demag HC 275

- ▶ 275 tons (249.5 m) maximum lift capacity
- ▶ Power up/down and freefall on main and auxiliary drums
- ▶ Quiet, comfortable operator's cab with excellent viewing range
- ▶ Shockless stop system gradually retards operating speed to reduce shocks when crane approaches lifting load or boom limits
- ▶ Two speed travel allows operator to select the best speed and power control for any condition
- ▶ Superior transportability:  
11 ft 6 in. (3.51 m) width  
11 ft 3 in. (3.43 m) height
- ▶ Hydraulic counterweight removal system simplifies installation and removal



**WWW.** [terex-cranes.com](http://terex-cranes.com)

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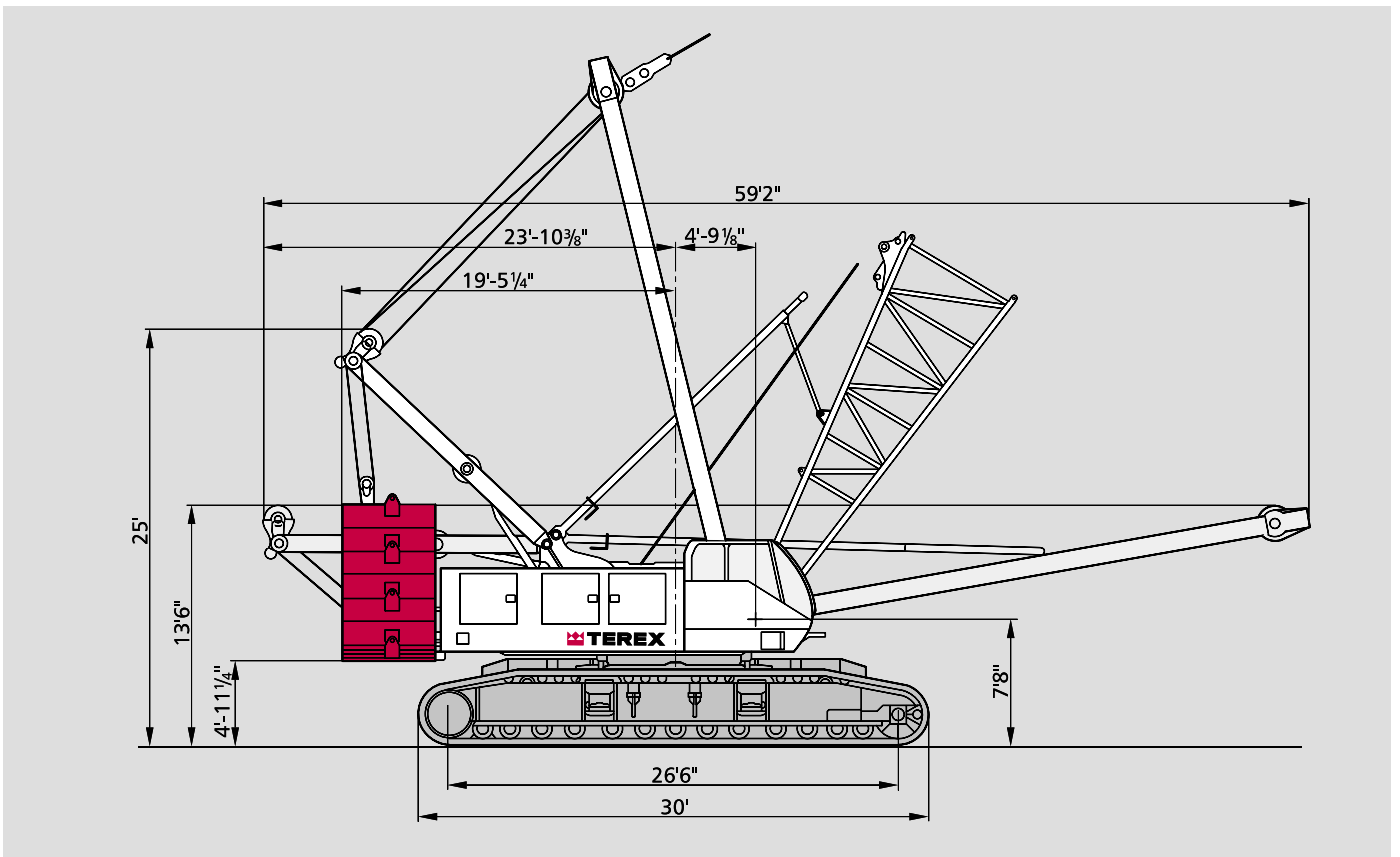
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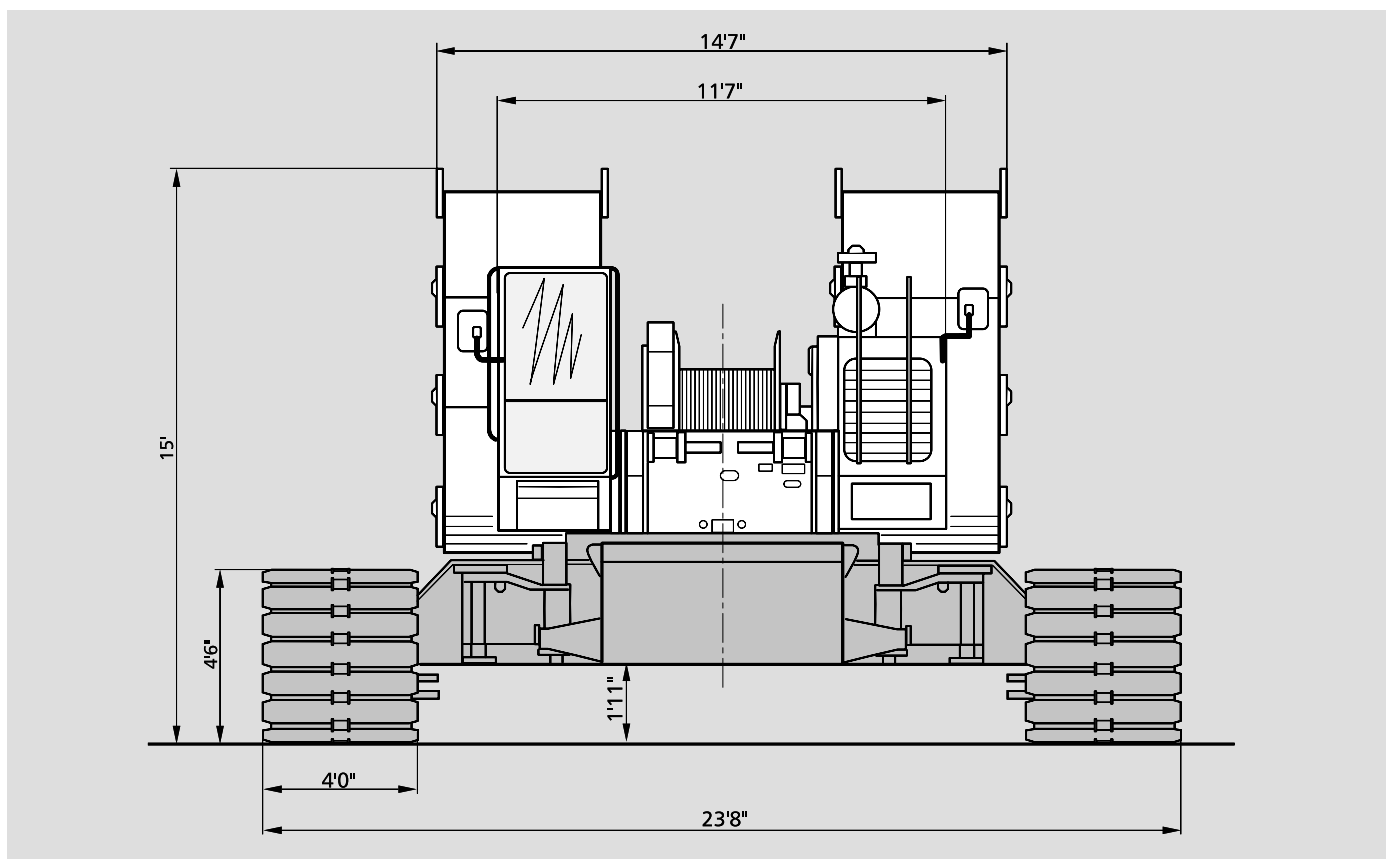
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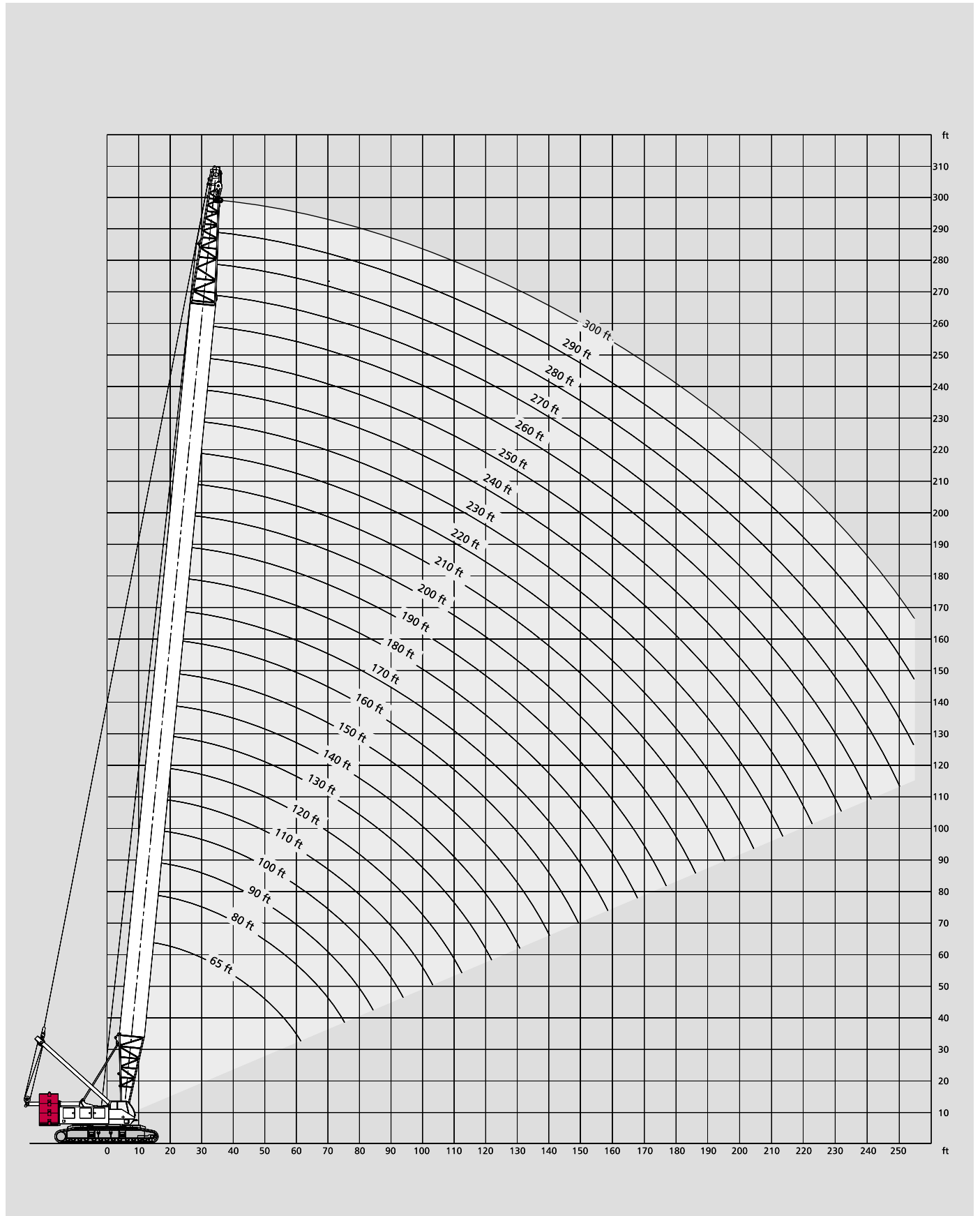
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# Dimensions





# Range Diagram 92HI Boom



# With 92HI Offset Tip Boom and 195,000 Pound Counterweight

195 klb + 64 klb CB 

360°

ANSI B 30.5  
DIN/ISO

65' (21.3 m) Boom length			
Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)
16	81.4	550,000 *	77
20	77.8	438,430 *	76
25	73.2	350,740 *	75
30	68.5	292,250 *	74
35	63.6	232,570	72
40	58.5	191,980	69
50	47.2	141,340	62
60	33.1	111,040	52

80' (24.4 m) Boom length			
Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)
18	81.6	486,730 *	87
20	80.1	438,040 *	86
25	76.4	350,420 *	85
30	72.7	291,950 *	84
35	68.9	232,830	82
40	64.9	192,200	80
50	56.6	141,520	74
60	47.4	111,220	67
70	36.5	90,940	55
80	21.0	76,540	36

90' (27.4 m) Boom length			
Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)
19	81.8	460,720 *	97
20	81.2	437,780 *	97
25	78.0	350,200 *	96
30	74.7	291,750 *	94
35	71.3	232,570	93
40	67.9	191,940	91
50	60.8	141,230	86
60	53.1	110,930	80
70	44.5	90,640	71
80	34.2	76,270	58
90	19.7	65,390	38

100' (30.5 m) Boom length			
Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)
21	81.5	416,560 *	107
25	79.2	349,990 *	106
30	76.2	291,560 *	105
35	73.3	232,180	103
40	70.2	191,530	102
50	64.0	140,800	98
60	57.3	110,500	92
70	50.1	90,190	84
80	42.1	75,850	75
90	32.4	64,980	61
100	18.6	56,510	40

110' (33.5 m) Boom length			
Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)
22	81.8	397,510 *	117
25	80.2	349,770 *	116
30	77.5	291,370 *	115
35	74.8	231,840	114
40	72.1	191,170	112
50	66.5	140,420	109
60	60.6	110,120	104
70	54.4	89,800	97
80	47.6	75,490	89
90	40.0	64,610	78
100	30.8	56,140	64
110	17.7	49,370	41

120' (36.6 m) Boom length			
Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)
23	82.0	373,770 *	126
25	81.0	349,560 *	126
30	78.6	291,180 *	125
35	76.1	231,450	124
40	73.6	190,780	123
50	68.6	140,010	119
60	63.3	109,710	115
70	57.8	89,380	109
80	51.9	75,080	102
90	45.5	64,200	93
100	38.2	55,730	82
110	29.4	48,960	67
120	16.9	43,430	43

130' (39.6 m) Boom length			
Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)
25	81.7	321,040 *	136
30	79.5	287,400 *	135
35	77.2	231,430	134
40	74.9	190,760	133
50	70.3	140,010	130
60	65.5	109,740	126
70	60.5	89,410	121
80	55.3	75,140	115
90	49.7	64,250	107
100	43.6	55,790	97
110	36.6	49,020	85
120	28.2	43,490	69
130	16.2	38,980	44

140' (42.7 m) Boom length			
Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)
26	81.9	297,000 *	146
30	80.2	281,420 *	146
35	78.1	231,040	145
40	76.0	190,370	144
50	71.8	139,590	141
60	67.4	109,320	137
70	62.8	88,970	132
80	58.1	74,720	127
90	53.1	63,820	120
100	47.8	55,360	111
110	41.9	48,590	101
120	35.2	43,060	88
130	27.2	38,600	72
140	15.6	34,660	45

150' (45.7 m) Boom length			
Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)
28	81.7	292,420 *	156
30	80.9	275,620 *	156
35	78.9	230,610	155
40	77.0	189,910	154
50	73.0	139,110	151
60	69.0	108,840	148
70	64.8	88,460	143
80	60.5	74,230	138
90	55.9	63,320	132
100	51.2	54,850	124
110	46.0	48,080	116
120	40.4	42,540	105
130	34.0	38,120	91
140	26.2	34,200	74
150	15.1	30,820	47



# With 92HI Offset Tip Boom and 195,000 Pound Counterweight

195 klb + 64 klb CB 

360°

ANSI B 30.5  
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160' (48.8 m) Boom length			
Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)
29	81.8	270,330 *	166
30	81.5	268,190 *	166
35	79.6	227,390 *	165
40	77.8	189,490	164
50	74.1	138,670	162
60	70.3	108,380	158
70	66.5	88,000	154
80	62.5	73,780	150
90	58.3	62,870	144
100	54.0	54,390	137
110	49.4	47,610	129
120	44.5	42,070	120
130	39.0	37,680	108
140	32.8	33,760	94
150	25.3	30,390	76
160	14.6	27,470	48

190' (57.9 m) Boom length			
Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)
33	81.9	199,300 *	196
35	81.3	197,990 *	195
40	79.8	186,320 *	195
50	76.7	137,580	193
60	73.6	107,310	190
70	70.4	86,890	187
80	67.1	72,720	183
90	63.8	61,800	178
100	60.4	53,300	173
110	56.8	46,510	167
120	53.1	40,960	160
130	49.2	36,670	152
140	45.1	32,760	142
150	40.6	29,390	131
160	35.7	26,470	118
170	30.0	23,920	103
180	23.2	21,670	82
190	13.3	18,900 *	51

170' (51.8 m) Boom length			
Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)
30	82.0	249,690 *	176
35	80.3	223,060 *	175
40	78.5	189,050	174
50	75.1	138,210	172
60	71.5	107,930	169
70	67.9	87,530	165
80	64.2	73,320	161
90	60.4	62,400	155
100	56.4	53,910	149
110	52.3	47,140	142
120	47.8	41,590	134
130	43.0	37,240	124
140	37.8	33,310	112
150	31.8	29,940	97
160	24.6	27,030	78
170	14.1	24,460	49

200' (61.0 m) Boom length			
Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)
35	81.7	193,970 *	206
40	80.3	183,030 *	205
50	77.4	137,100	203
60	74.4	106,830	200
70	71.4	86,380	197
80	68.3	72,230	194
90	65.2	61,290	189
100	62.0	52,790	184
110	58.7	46,000	179
120	55.3	40,440	172
130	51.7	36,180	165
140	47.9	32,250	156
150	43.9	28,890	146
160	39.5	25,960	135
170	34.7	23,410	122
180	29.2	21,160	105
190	22.6	19,160	84
200	13.0	16,120 *	53

180' (54.9 m) Boom length			
Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)
32	81.8	215,060 *	186
35	80.8	212,500 *	185
40	79.2	188,840	184
50	75.9	138,010	182
60	72.6	107,760	179
70	69.2	87,350	176
80	65.8	73,170	172
90	62.2	62,250	167
100	58.5	53,770	161
110	54.7	46,990	155
120	50.7	41,440	147
130	46.4	37,130	138
140	41.8	33,200	128
150	36.7	29,840	115
160	30.9	26,910	100
170	23.8	24,370	80
180	13.7	21,830 *	50

210' (64.0 m) Boom length			
Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)
36	81.8	174,640 *	216
40	80.7	174,640 *	215
50	78.0	136,630	213
60	75.2	106,370	211
70	72.3	85,910	208
80	69.4	71,760	204
90	66.5	60,810	200
100	63.4	52,310	195
110	60.3	45,510	190
120	57.1	40,360	184
130	53.8	35,710	177
140	50.3	31,780	169
150	46.7	28,410	160
160	42.7	25,500	150
170	38.5	22,940	138
180	33.8	20,690	125
190	28.5	18,690	108
200	22.0	16,910	86
210	12.6	13,590 *	54



**220' (67.1 m) Boom length**

37	82.0	156,330 *	225
40	81.2	156,330 *	225
50	78.5	136,180	223
60	75.8	105,890	221
70	73.1	85,410	218
80	70.4	71,290	215
90	67.6	60,330	211
100	64.7	51,820	207
110	61.8	45,020	202
120	58.8	39,890	196
130	55.7	35,240	189
140	52.5	31,310	182
150	49.1	27,940	174
160	45.5	25,010	165
170	41.7	22,470	154
180	37.6	20,210	142
190	33.0	18,210	128
200	27.8	16,420	110
210	21.5	14,810	88
220	12.3	11,230 *	55

**230' (70.1 m) Boom length**

39	81.8	132,640 *	235
40	81.6	132,510 *	235
50	79.0	132,510 *	233
60	76.5	105,630	231
70	73.9	85,150	229
80	71.3	71,050	225
90	68.6	60,080	222
100	65.9	51,570	218
110	63.1	44,770	213
120	60.3	39,670	207
130	57.4	35,020	201
140	54.4	31,090	195
150	51.2	27,720	187
160	47.9	24,800	178
170	44.5	22,250	169
180	40.7	20,000	158
190	36.7	18,000	145
200	32.3	16,200	131
210	27.2	14,600	113
220	21.0	13,150	90
230	12.1	9,440 *	56

**240' (73.2 m) Boom length**

40	81.9	119,340 *	245
50	79.5	119,340 *	244
60	77.1	105,180	242
70	74.6	84,680	239
80	72.1	70,590	236
90	69.6	59,620	233
100	67.0	51,100	229
110	64.3	44,290	224
120	61.7	39,210	219
130	58.9	34,560	213
140	56.1	30,620	207
150	53.1	27,260	200
160	50.0	24,340	192
170	46.8	21,780	183
180	43.5	19,520	173
190	39.8	17,520	161
200	35.9	15,730	148
210	31.6	14,130	133
220	26.6	12,680	115
230	20.6	10,860 *	92
240	11.8	7,380 *	57

**250' (76.2 m) Boom length**

Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)
42	81.8	117,270 *	255
50	79.9	117,270 *	254
60	77.6	104,710	252
70	75.2	84,180	249
80	72.8	70,100	247
90	70.4	59,120	243
100	67.9	50,590	239
110	65.4	43,770	235
120	62.9	38,720	230
130	60.3	34,060	225
140	57.6	30,130	219
150	54.8	26,750	212
160	52.0	23,830	205
170	49.0	21,270	196
180	45.8	19,010	187
190	42.5	17,020	177
200	39.0	15,220	165
210	35.2	13,610	152
220	30.9	12,160	136
230	26.1	10,830	117
240	20.1	8,560 *	94
250	11.5	5,360 *	58

**260' (79.2 m) Boom length**

43	81.9	107,130 *	265
50	80.3	107,130 *	264
60	78.1	104,250	262
70	75.8	83,700	260
80	73.5	69,630	257
90	71.2	58,640	254
100	68.8	50,110	250
110	66.4	43,280	246
120	64.0	38,240	241
130	61.5	33,590	236
140	59.0	29,650	230
150	56.4	26,270	224
160	53.7	23,350	217
170	50.9	20,790	209
180	48.0	18,530	201
190	44.9	16,530	191
200	41.7	14,740	180
210	38.2	13,120	168
220	34.5	11,670	155
230	30.3	10,340	139



# With 92HI Offset Tip Boom and 195,000 Pound Counterweight

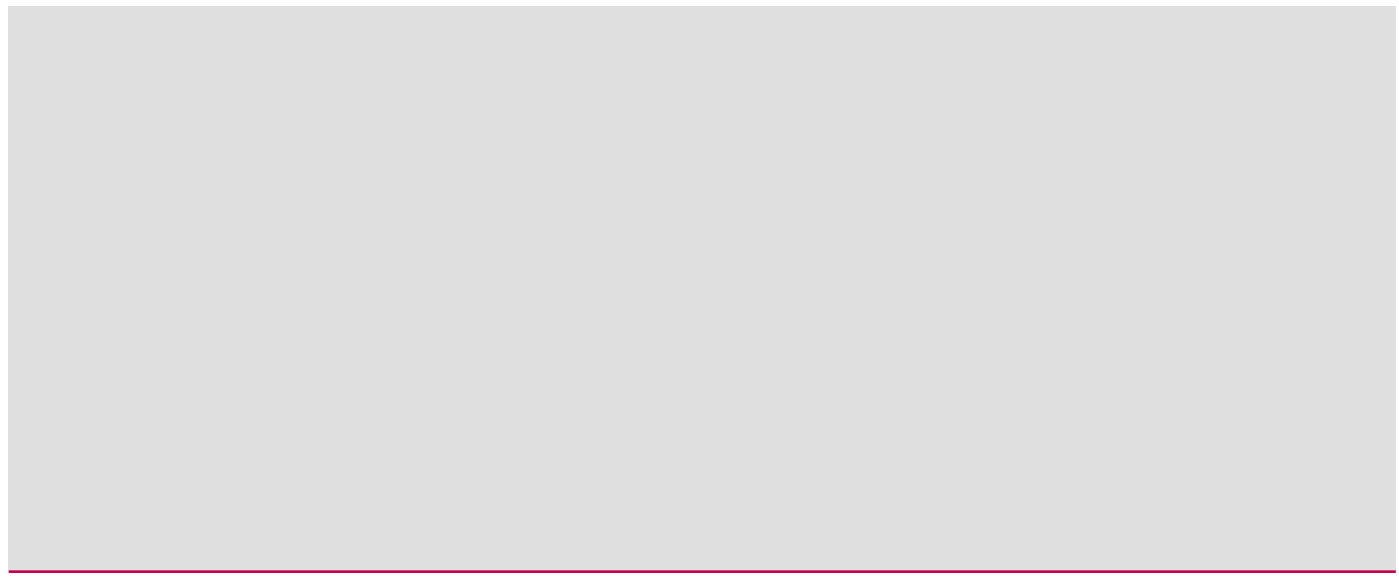
195 klb + 64 klb CB 

360°

ANSI B 30.5  
DIN/ISO

270' (82.3 m) Boom length				290' (88.4 m) Boom length			
Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)	Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)
44	82.0	98,020 *	275	47	81.9	76,270 *	295
50	80.7	98,020 *	274	50	81.3	75,930 *	294
60	78.5	97,710 *	272	60	79.3	75,260 *	293
70	76.3	83,220	270	70	77.3	73,930 *	291
80	74.1	69,150	267	80	75.3	68,390	288
90	71.9	58,160	264	90	73.2	57,390	285
100	69.7	49,620	261	100	71.1	48,840	282
110	67.4	42,790	257	110	69.0	42,000	278
120	65.1	37,770	252	120	66.9	37,040	274
130	62.7	33,110	248	130	64.7	32,370	270
140	60.3	29,170	242	140	62.5	28,420	265
150	57.8	25,790	236	150	60.2	25,040	259
160	55.2	22,860	229	160	57.9	22,120	253
170	52.6	20,300	222	170	55.6	19,550	247
180	49.8	18,050	214	180	53.1	17,290	240
190	47.0	16,040	205	190	50.6	15,290	232
200	44.0	14,240	195	200	48.0	13,490	223
210	40.8	12,630	184	210	45.3	11,880	214
220	37.5	11,180	172	220	42.4	10,410	203
230	33.8	9,850	158	230	39.3	9,090	191

280' (85.3 m) Boom length				300' (91.4 m) Boom length			
Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)	Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)
46	81.8	84,470 *	285	49	81.8	74,730 *	305
50	81.0	84,270 *	284	50	81.6	74,730 *	304
60	78.9	83,540 *	282	60	79.7	73,910 *	303
70	76.8	82,110 *	280	70	77.7	72,390 *	301
80	74.7	68,850	278	80	75.8	67,920	298
90	72.6	57,860	275	90	73.8	56,900	296
100	70.4	49,310	271	100	71.8	48,330	293
110	68.2	42,480	268	110	69.7	41,490	289
120	66.0	37,490	263	120	67.7	36,540	285
130	63.7	32,830	259	130	65.6	31,870	281
140	61.4	28,900	254	140	63.5	27,920	276
150	59.1	25,510	248	150	61.3	24,540	271
160	56.6	22,580	242	160	59.1	21,610	265
170	54.1	20,030	235	170	56.9	19,040	259
180	51.6	17,770	227	180	54.5	16,780	252
190	48.9	15,760	219	190	52.2	14,780	245
200	46.1	13,970	209	200	49.7	12,980	236
210	43.2	12,350	199	210	47.1	11,360	227
220	40.1	10,900	188	220	44.4	9,900	218
230	36.7	9,580	175	230	41.6	8,570	207



# Notes to lifting capacity

## ⚠ Warning

This rating chart is invalid if the crane has been modified or altered by use of other than GENUINE AMERICAN PARTS as such modifications or alterations may affect its capacity or safe operation. See American Crane Corporation Service Bulletin #259.

Ratings in this chart are in POUNDS and do not exceed the percentage of tipping specified for this crane by ANSI B30.5. All ratings require that the crane be standing level on a firm uniformly supporting surface.

Do not lift loads in excess of those shown on this chart. Lifting loads in excess of those shown or operation not in accordance with good operating practice, including limitations shown on page 3499 of Operator's Manual, can cause tipping, structural damage or catastrophic failure. Asterisk (\*) areas on this chart indicate ratings that are limited by strength of material or factors other than stability (tipping).

„RADIUS IN FEET“ is the horizontal distance at ground level from the crane centerline of rotation to a vertical line through the center of gravity of the suspended load.

When using the main boom fall with jib in place, the main fall ratings must be reduced by the jib effective weight shown on the jib rating chart plus twice the weight of all suspended blocks, slings, rope, etc., at the jib fall. See Appendix A.

When using the main boom fall with boom tip extension in place, the main fall ratings must be reduced by the weight of the boom tip extension plus twice the weight of all suspended blocks, slings, rope, etc., at the boom tip extension fall. See Appendix A.

Blocks, slings, buckets and other load carrying devices are considered part of the load. The weight of standard hoisting ropes for the rating at a given radius has been calculated as part of the boom point load and need not be considered in determining net allowable loads. See Appendix A.

This chart was developed exclusively for use with a boom only. Under no circumstances are these ratings to be interpreted for use with a jib. Ratings shown on this chart make no allowance for such factors as out of plumb loads, wind, poor soil conditions, improper inflation of rubber tires and dynamic effects due to excessive operating speeds. The user (operator) must exercise judgment to make allowance for these conditions. See page 3499 of Operator's Manual for detailed information.

No account is taken of the wind force on the load. The user must consider this effect, which can be substantial for loads with large surface areas. In any wind it is strongly recommended that taglines be used to control the load.

BOOM HOIST LINE is 18 parts of 7/8 inch diameter 6 x 26, WS, FW, RAL, IWRC, EIPS wire rope with a minimum breaking strength of 79,600 pounds.

BOOM PENDANT SUSPENSION is 4 parts of 1-3/8 inch diameter EEIPS wire rope with a minimum breaking strength of 211,000 pounds.

MAIN LOAD LINE is 1-1/8 inch diameter 6 x 25, FW, RRL, IWRC, EEIPS wire rope with a minimum breaking strength of 143,000 pounds.

## ERECTION

Erection „BLOCKED OVER THE END“ is with the boom over the idler end with idler tumblers blocked (See operator's manual for blocking instructions). Erection „OVER THE SIDE“ is with the boom 90° to the side frames. Blocks, slings and other load carrying devices must be on the ground during erection.

92HI OFFSET TIP BOOM MAXIMUM BOOM & JIB SELF-ERECTION DATA				
	BOOM LENGTH (FEET)	JIB LENGTH		
		16HL JIB (FEET)	#30 JIB (FEET)	#40 JIB (FEET)
BLOCKED OVER THE END	300	50	0	0
	290	100	0	45
	280		65	75
	270		95	105
OVER THE SIDE	280	0	0	0
	270	70	0	0
	260	100	35	45
	250		65	75
	240		95	105

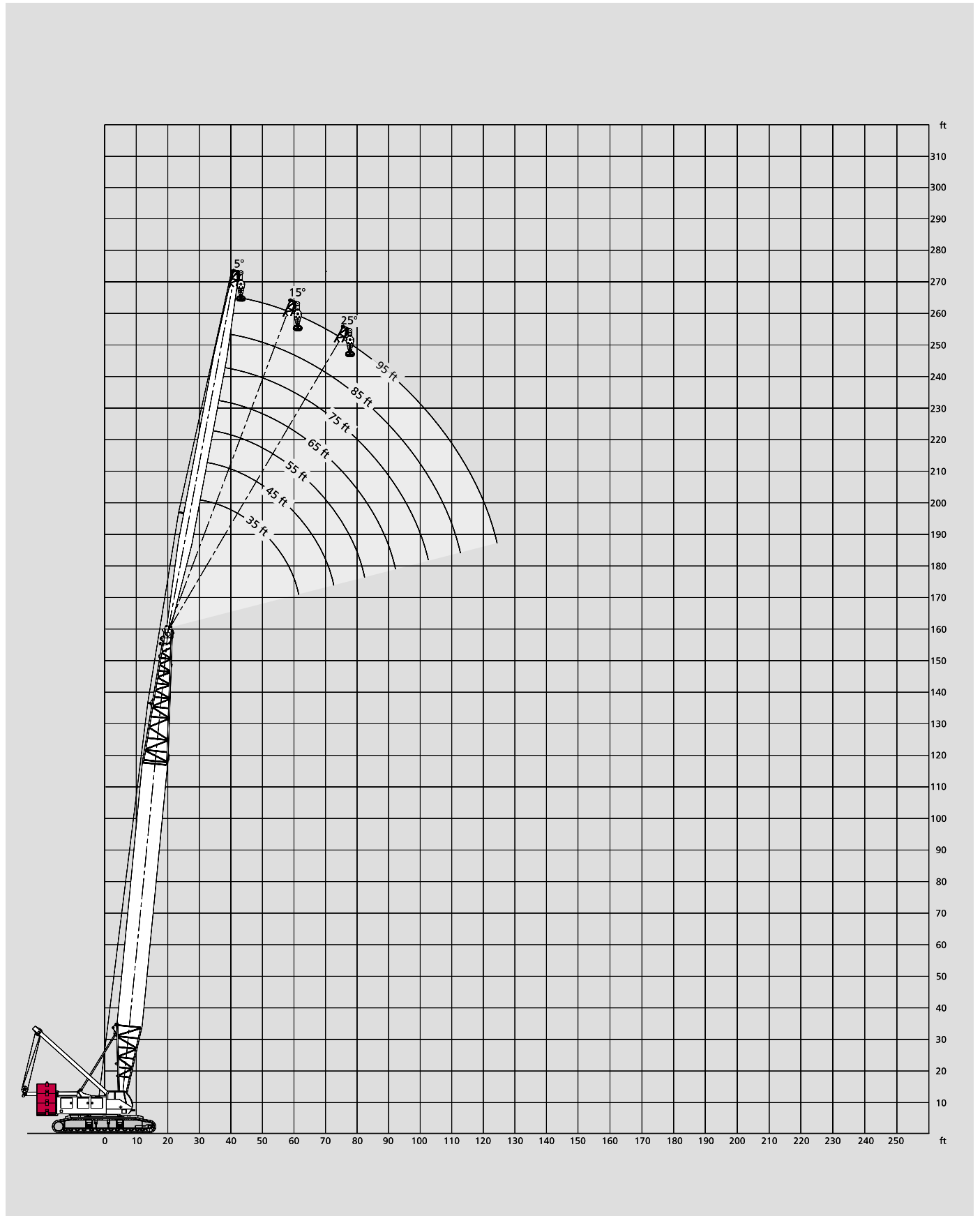
LOAD HOISTING INFORMATION - 1-1/8 inch diameter EEIPS wire rope			
MAXIMUM LIFTING CAPACITY - LBS.	MINIMUM PARTS OF LINE	MAXIMUM HOISTING DISTANCE - FEET	
		MAIN HOIST	AUX HOIST
550,000 <sup>1</sup>	14	90	90
490,280	12	105	105
449,420	11	110	110
408,570	10	130	130
367,710	9	145	145
326,850	8	160	160
286,000	7	185	185
245,140	6	215	215
204,280	5	260	260
163,420	4	325	325
122,570	3	435	435
81,710	2	655	655
40,850	1	1,310	1,310

<sup>1</sup> Lifting any load with 14 parts of main fall load line requires the use of the single sheave crossover hanger block. Refer to the HC 275 Operator's Manual for detailed information

BOOM COMPOSITION CHART - 92HI OFFSET TIP						
BOOM LENGTH (FEET)	BOOM SECTIONS					
	25' 92HI INNER	15' 92HT CENTER	20' 92HT CENTER	10' 92ST CENTER	50' 92ST CENTER	40' 92H OUTER
65 <sup>1</sup>	1	0	0	0	0	1
80	1	1	0	0	0	1
90	1	1	0	1	0	1
100	1	1	1	0	0	1
110	1	1	1	1	0	1
120	1	1	1	2	0	1
130	1	1	0	0	1	1
140	1	1	0	1	1	1
150	1	1	1	0	1	1
160	1	1	1	1	1	1
170	1	1	1	2	1	1
180	1	1	0	0	2	1
190	1	1	0	1	2	1
200	1	1	1	0	2	1
210	1	1	1	1	2	1
220	1	1	1	2	2	1
230	1	1	0	0	3	1
240	1	1	0	1	3	1
250	1	1	1	0	3	1
260	1	1	1	1	3	1
270	1	1	1	2	3	1
280	1	1	0	0	4	1
290	1	1	0	1	4	1
300	1	1	1	0	4	1



# Range Diagram, #30 Jib



# With 92HI Offset Tip Boom and 195,000 Pound Counterweight, #30 Jib

195 klb + 64 klb CB 

360°

ANSI B 30.5  
DIN/ISO

## 35' (10.7 m) Jib length

Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	27	81.6	60,000*	-	-	-	-
	30	80.2	60,000*	-	-	-	-
	35	77.9	60,000*	80.6	60,000*	-	-
	40	75.6	60,000*	78.2	60,000*	80.7	60,000*
90' (27.4 m)	50	70.9	60,000*	73.5	60,000*	75.9	54,780*
	60	65.9	60,000*	68.5	60,000*	70.9	48,790*
	70	60.8	60,000*	63.4	57,480*	65.6	44,090*
	80	55.4	60,000*	57.9	51,220*	60.1	40,500*
	90	49.6	54,310*	52.1	46,420*	54.1	40,500*

	28	81.8	60,000*	-	-	-	-
	30	81.0	60,000*	-	-	-	-
	35	78.8	60,000*	81.3	60,000*	-	-
	40	76.7	60,000*	79.1	60,000*	81.4	60,000*
100' (30.5 m)	50	72.3	60,000*	74.7	60,000*	77.0	57,490*
	60	67.8	60,000*	70.2	60,000*	72.4	51,390*
	70	63.2	60,000*	65.5	60,000*	67.7	46,570*
	80	58.3	60,000*	60.6	55,050*	62.7	42,660*
	90	53.2	57,900*	55.4	49,710*	57.4	40,590*
	100	47.6	52,440*	49.8	45,540*	51.7	40,470*

	29	82.0	60,000*	-	-	-	-
	30	81.6	60,000*	-	-	-	-
	35	79.6	60,000*	81.9	60,000*	-	-
	40	77.6	60,000*	79.9	60,000*	-	-
110' (33.5 m)	50	73.6	60,000*	75.8	60,000*	77.9	59,740*
	60	69.4	60,000*	71.7	60,000*	73.7	53,610*
	70	65.1	60,000*	67.4	60,000*	69.4	48,670*
	80	60.7	60,000*	62.9	57,340*	64.8	44,800*
	90	56.1	60,000*	58.2	52,700*	60.1	41,640*
	100	51.2	55,730*	53.3	48,500*	55.0	40,580*
	110	45.8	50,180	47.9	44,930*	49.5	40,570*

	31	81.7	60,000*	-	-	-	-
	35	80.3	60,000*	-	-	-	-
	40	78.4	60,000*	80.5	60,000*	-	-
	50	74.6	60,000*	76.8	60,000*	78.7	59,980*
120' (36.6 m)	60	70.8	60,000*	72.9	60,000*	74.8	55,680*
	70	66.8	60,000*	68.9	60,000*	70.8	50,810*
	80	62.8	60,000*	64.8	59,790*	66.7	46,830*
	90	58.5	60,000*	60.6	54,840*	62.3	43,490*
	100	54.1	56,360	56.1	50,840*	57.8	40,660*
	110	49.3	49,620	51.3	47,470*	52.9	40,440*
	120	44.2	44,120	46.1	44,120	47.6	40,440*

	32	81.9	60,000*	-	-	-	-
	35	80.9	60,000*	-	-	-	-
	40	79.1	60,000*	81.1	60,000*	-	-
	50	75.6	60,000*	77.6	60,000*	79.4	59,930*
	60	72.0	60,000*	74.0	60,000*	75.8	57,570*
	70	68.3	60,000*	70.3	60,000*	72.1	52,530*
130' (39.6 m)	80	64.5	60,000*	66.5	60,000*	68.2	48,500*
	90	60.6	60,000*	62.5	56,870*	64.2	45,100*
	100	56.6	56,170	58.4	52,750*	60.1	42,420*
	110	52.3	49,430	54.1	49,430*	55.7	40,540*
	120	47.7	43,920	49.5	43,920	51.0	40,510*
	130	42.8	39,590	44.5	39,590	45.9	39,600

Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	34	81.7	60,000*	-	-	-	-
	35	81.4	60,000*	-	-	-	-
	40	79.7	60,000*	81.6	60,000*	-	-
	50	76.4	60,000*	78.3	60,000*	80.1	59,880*
	60	73.0	60,000*	74.9	60,000*	76.6	59,120*
	70	69.6	60,000*	71.5	60,000*	73.2	54,310*
140' (42.7 m)	80	66.1	60,000*	67.9	60,000*	69.6	50,140*
	90	62.5	60,000*	64.3	58,990*	65.9	46,770*
	100	58.7	55,630	60.5	54,650*	62.1	43,920*
	110	54.8	48,890	56.5	48,890	58.0	41,540*
	120	50.6	43,380	52.4	43,380	53.8	40,500*
	130	46.2	39,080	47.9	39,080	49.3	39,090
	140	41.5	35,180	43.1	35,190	44.4	35,190

	35	81.8	60,000*	-	-	-	-
	40	80.3	60,000*	-	-	-	-
	50	77.2	60,000*	78.9	60,000*	80.6	59,830*
	60	74.0	60,000*	75.8	60,000*	77.4	59,830*
	70	70.7	60,000*	72.5	60,000*	74.1	55,810*
	80	67.4	60,000*	69.2	60,000*	70.8	51,710*
150' (45.7 m)	90	64.1	60,000*	65.8	60,000*	67.3	48,280*
	100	60.6	55,040	62.3	55,050	63.8	45,280*
	110	56.9	48,290	58.6	48,300	60.1	42,810*
	120	53.2	42,780	54.8	42,780	56.2	40,680*
	130	49.2	38,500	50.8	38,510	52.1	38,510
	140	44.9	34,610	46.5	34,610	47.7	34,620
	150	40.3	31,270	41.8	31,280	43.0	31,280

	36	82.0	60,000*	-	-	-	-
	40	80.8	60,000*	-	-	-	-
	50	77.8	60,000*	79.5	60,000*	81.1	59,790*
	60	74.8	60,000*	76.5	60,000*	78.1	59,790*
	70	71.8	60,000*	73.4	60,000*	75.0	57,170*
	80	68.7	60,000*	70.3	60,000*	71.8	53,180*
160' (48.8 m)	90	65.5	60,000*	67.1	60,000*	68.6	49,740*
	100	62.2	54,500	63.8	54,500	65.3	46,770*
	110	58.8	47,750	60.4	47,750	61.8	44,080*
	120	55.3	42,230	56.9	42,230	58.3	42,020*
	130	51.7	37,980	53.2	37,990	54.5	37,990
	140	47.8	34,080	49.3	34,090	50.6	34,090
	150	43.7	30,740	45.1	30,740	46.3	30,750
	160	39.2	27,850	40.6	27,850	41.7	27,860

	38	81.8	60,000*	-	-	-	-
	40	81.2	60,000*	-	-	-	-
	50	78.4	60,000*	80.0	60,000*	81.6	59,740*
	60	75.6	60,000*	77.2	60,000*	78.7	59,740*
	70	72.7	60,000*	74.3	60,000*	75.7	58,720*
	80	69.7	60,000*	71.3	60,000*	72.8	54,390*
170' (51.8 m)	90	66.7	60,000*	68.3	60,000*	69.7	50,960*
	100	63.7	53,950	65.2	53,960	66.6	48,100*
	110	60.5	47,190	62.0	47,200	63.4	45,420*
	120	57.2	41,670	58.8	41,670	60.1	41,680
	130	53.8	37,450	55.3	37,460	56.6	37,460
	140	50.3	33,540	51.8	33,550	53.0	33,550
	150	46.5	30,200	48.0	30,210	49.1	30,210
	160	42.5	27,310	43.9	27,310	45.0	27,320
	170	38.2	24,780	39.5	24,780	40.5	24,790



# With 92HI Offset Tip Boom and 195,000 Pound Counterweight, #30 Jib

195 klb + 64 klb CB 

360°

ANSI B 30.5  
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35' (10.7 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	39	81.9	60,000*	-	-	-	-		43	82.0	60,000*	-	-	-	-
	40	81.6	60,000*	-	-	-	-		50	80.3	60,000*	81.7	60,000*	-	-
	50	79.0	60,000*	80.5	60,000*	82.0	59,690*		60	78.0	60,000*	79.3	60,000*	80.6	59,560*
	60	76.2	60,000*	77.8	60,000*	79.2	59,690*		70	75.6	60,000*	76.9	60,000*	78.2	59,560*
	70	73.5	60,000*	75.0	60,000*	76.4	59,690*		80	73.1	60,000*	74.5	60,000*	75.7	59,040*
	80	70.7	60,000*	72.2	60,000*	73.6	55,740*		90	70.7	60,000*	72.0	60,000*	73.2	55,630*
180' (54.9 m)	90	67.9	60,000*	69.4	60,000*	70.7	52,200*		100	68.2	52,040	69.5	52,040	70.7	52,050
	100	65.0	53,670	66.5	53,680	67.8	49,170*		110	65.7	45,270	67.0	45,270	68.1	45,280
	110	62.0	46,910	63.5	46,910	64.8	46,550*	210' (64.0 m)	120	63.1	40,240	64.4	40,240	65.5	40,250
	120	58.9	41,380	60.4	41,390	61.7	41,400		130	60.4	35,620	61.7	35,620	62.8	35,630
	130	55.8	37,200	57.2	37,200	58.4	37,200		140	57.7	31,710	59.0	31,710	60.1	31,710
	140	52.5	33,290	53.9	33,300	55.1	33,300		150	54.9	28,360	56.1	28,360	57.2	28,370
	150	49.0	29,950	50.4	29,960	51.5	29,960		160	52.0	25,460	53.2	25,460	54.2	25,470
	160	45.4	27,050	46.7	27,060	47.8	27,060		170	48.9	22,920	50.1	22,920	51.1	22,930
	170	41.5	24,520	42.8	24,520	43.8	24,530		180	45.7	20,680	46.9	20,690	47.9	20,690
	180	37.2	22,290	38.5	22,290	39.4	22,300		190	42.3	18,700	43.5	18,700	44.4	18,710
									200	38.7	16,920	39.8	16,920	40.7	16,930
									210	34.8	15,330	35.8	15,330	36.6	15,340
	41	81.8	60,000*	-	-	-	-		45	81.8	60,000*	-	-	-	-
	50	79.5	60,000*	80.9	60,000*	-	-		50	80.7	60,000*	-	-	-	-
	60	76.9	60,000*	78.3	60,000*	79.7	59,650*		60	78.4	60,000*	79.7	60,000*	80.9	59,510*
	70	74.3	60,000*	75.7	60,000*	77.1	59,650*		70	76.1	60,000*	77.4	60,000*	78.6	59,510*
	80	71.6	60,000*	73.0	60,000*	74.4	56,860*		80	73.8	60,000*	75.1	60,000*	76.3	59,510*
	90	68.9	60,000*	70.3	60,000*	71.6	53,380*		90	71.5	59,980	72.8	59,980	73.9	56,550*
190' (57.9 m)	100	66.2	53,140	67.6	53,140	68.9	50,340*		100	69.1	51,510	70.4	51,510	71.5	51,520
	110	63.3	46,380	64.8	46,390	66.0	46,400		110	66.7	44,730	67.9	44,730	69.1	44,740
	120	60.5	40,850	61.9	40,850	63.1	40,860	220' (67.1 m)	120	64.2	39,720	65.5	39,720	66.6	39,730
	130	57.5	36,690	58.9	36,690	60.1	36,690		130	61.7	35,090	62.9	35,100	64.0	35,100
	140	54.4	32,780	55.8	32,790	56.9	32,790		140	59.1	31,180	60.3	31,180	61.4	31,190
	150	51.2	29,440	52.5	29,440	53.7	29,450		150	56.5	27,830	57.7	27,840	58.7	27,840
	160	47.8	26,540	49.2	26,540	50.2	26,550		160	53.7	24,930	54.9	24,930	55.9	24,940
	170	44.3	24,010	45.6	24,010	46.6	24,010		170	50.9	22,390	52.0	22,390	53.0	22,400
	180	40.5	21,770	41.7	21,780	42.7	21,780		180	47.9	20,150	49.0	20,150	50.0	20,160
	190	36.3	19,790	37.5	19,800	38.4	19,800		190	44.8	18,160	45.9	18,170	46.8	18,170
									200	41.5	16,390	42.6	16,390	43.4	16,400
									210	37.9	14,790	39.0	14,790	39.7	14,800
									220	34.0	13,350	35.1	13,350	35.7	13,360
	42	81.9	60,000*	-	-	-	-		46	81.9	60,000*	-	-	-	-
	50	79.9	60,000*	81.3	60,000*	-	-		50	81.1	60,000*	-	-	-	-
	60	77.4	60,000*	78.8	60,000*	80.2	59,610*		60	78.9	60,000*	80.1	60,000*	81.3	59,460*
	70	74.9	60,000*	76.3	60,000*	77.6	59,610*		70	76.7	60,000*	77.9	60,000*	79.1	59,460*
	80	72.4	60,000*	73.8	60,000*	75.1	58,090*		80	74.4	60,000*	75.7	60,000*	76.8	59,460*
	90	69.8	60,000*	71.2	60,000*	72.5	54,450*		90	72.2	59,650	73.4	59,660	74.6	57,630*
	100	67.2	52,580	68.6	52,580	69.8	51,420*		100	69.9	51,170	71.1	51,170	72.2	51,180
	110	64.6	45,810	65.9	45,820	67.1	45,820		110	67.6	44,400	68.8	44,400	69.9	44,410
200' (61.0 m)	120	61.8	40,280	63.2	40,280	64.4	40,290		120	65.3	39,410	66.5	39,410	67.5	39,410
	130	59.0	36,140	60.4	36,140	61.5	36,150		130	62.9	34,790	64.0	34,790	65.1	34,800
	140	56.1	32,230	57.5	32,240	58.6	32,240		140	60.4	30,870	61.6	30,870	62.6	30,880
	150	53.1	28,880	54.4	28,880	55.5	28,890		150	57.9	27,530	59.0	27,530	60.0	27,530
	160	50.0	25,980	51.3	25,980	52.3	25,990		160	55.3	24,620	56.4	24,620	57.4	24,630
	170	46.8	23,440	48.0	23,450	49.0	23,450		170	52.6	22,080	53.7	22,080	54.7	22,090
	180	43.3	21,210	44.5	21,210	45.4	21,220		180	49.8	19,850	50.9	19,850	51.9	19,860
	190	39.6	19,220	40.8	19,230	41.6	19,230		190	46.9	17,860	48.0	17,860	48.9	17,870
	200	35.5	17,460	36.7	17,460	37.4	17,470		200	43.9	16,080	44.9	16,090	45.8	16,090
									210	40.6	14,480	41.7	14,480	42.5	14,490
									220	37.1	13,040	38.2	13,040	38.9	13,050
									230	33.4	11,730	34.3	11,740	35.0	11,750

35' (10.7 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	48	81.8	60,000*	-	-	-	-		50	82.0	60,000*	-	-	-	-
	50	81.4	60,000*	-	-	-	-		60	80.0	60,000*	81.1	60,000*	-	-
	60	79.3	60,000*	80.5	60,000*	81.6	59,410*		70	78.0	60,000*	79.2	60,000*	80.2	55,290*
	70	77.2	60,000*	78.4	60,000*	79.5	59,410*		80	76.1	60,000*	77.2	59,240*	78.2	53,860*
	80	75.0	60,000*	76.2	60,000*	77.3	59,410*		90	74.1	58,070	75.2	56,620*	76.2	52,050*
	90	72.9	59,140	74.0	59,150	75.1	58,430*		100	72.0	49,580	73.1	49,580	74.1	49,590
	100	70.7	50,650	71.9	50,650	72.9	50,660		110	70.0	42,780	71.1	42,790	72.1	42,800
	110	68.5	43,870	69.6	43,870	70.7	43,880		120	67.9	37,870	69.0	37,870	70.0	37,880
	120	66.2	38,910	67.4	38,910	68.4	38,920		130	65.8	33,230	66.9	33,230	67.8	33,240
	130	63.9	34,280	65.1	34,280	66.1	34,290		140	63.7	29,310	64.7	29,310	65.7	29,320
240' (73.2 m)	140	61.6	30,360	62.7	30,370	63.7	30,370	260' (79.2 m)	150	61.5	25,950	62.5	25,960	63.5	25,960
	150	59.2	27,020	60.3	27,020	61.3	27,030		160	59.2	23,050	60.3	23,050	61.2	23,050
	160	56.7	24,110	57.8	24,120	58.8	24,120		170	56.9	20,500	58.0	20,500	58.9	20,510
	170	54.2	21,570	55.3	21,570	56.2	21,580		180	54.6	18,260	55.6	18,260	56.5	18,270
	180	51.6	19,330	52.7	19,330	53.6	19,340		190	52.2	16,270	53.2	16,270	54.0	16,270
	190	48.8	17,340	49.9	17,340	50.8	17,350		200	49.7	14,490	50.7	14,490	51.5	14,490
	200	46.0	15,560	47.1	15,560	47.9	15,570		210	47.0	12,880	48.0	12,880	48.8	12,890
	210	43.0	13,960	44.1	13,970	44.8	13,970		220	44.3	11,430	45.3	11,430	46.0	11,440
	220	39.8	12,520	40.9	12,520	41.6	12,530		230	41.4	10,120	42.4	10,120	43.1	10,130
	230	36.4	11,210	37.4	11,220	38.1	11,220		240	38.4	8,930	39.3	8,930	40.0	8,940
	240	32.7	10,020	33.7	10,020	34.3	10,030		250	35.1	7,840	36.0	7,840	36.6	7,850
									260	31.5	6,830	32.4	6,840	32.9	6,850
	49	81.9	60,000*	-	-	-	-		52	81.8	60,000*	-	-	-	-
	50	81.7	60,000*	-	-	-	-		60	80.3	60,000*	81.4	57,380*	-	-
	60	79.7	60,000*	80.8	60,000*	81.9	59,370*		70	78.4	60,000*	79.5	54,860*	80.5	49,420*
	70	77.6	60,000*	78.8	60,000*	79.9	59,370*		80	76.5	57,190*	77.6	52,360*	78.6	47,740*
	80	75.6	60,000*	76.7	60,000*	77.8	59,370*		90	74.6	54,310*	75.7	50,160*	76.7	46,120*
	90	73.5	58,590	74.6	58,600	75.7	58,610		100	72.6	49,050	73.7	47,880*	74.7	44,480*
	100	71.4	50,110	72.5	50,110	73.6	50,120		110	70.7	42,250	71.7	42,250	72.7	42,260
	110	69.2	43,320	70.4	43,320	71.4	43,330		120	68.7	37,350	69.7	37,360	70.7	37,360
	120	67.1	38,370	68.2	38,380	69.2	38,380		130	66.6	32,710	67.7	32,720	68.6	32,720
	130	64.9	33,750	66.0	33,750	67.0	33,750		140	64.6	28,790	65.6	28,800	66.5	28,800
250' (76.2 m)	140	62.7	29,830	63.8	29,830	64.7	29,830	270' (82.3 m)	150	62.5	25,430	63.5	25,430	64.4	25,430
	150	60.4	26,470	61.5	26,470	62.4	26,480		160	60.3	22,520	61.4	22,520	62.3	22,530
	160	58.0	23,560	59.1	23,570	60.0	23,570		170	58.2	19,970	59.2	19,980	60.0	19,980
	170	55.6	21,020	56.7	21,020	57.6	21,030		180	55.9	17,730	56.9	17,730	57.8	17,740
	180	53.1	18,780	54.2	18,780	55.1	18,790		190	53.6	15,740	54.6	15,740	55.4	15,750
	190	50.6	16,790	51.6	16,790	52.5	16,800		200	51.2	13,960	52.2	13,960	53.0	13,960
	200	47.9	15,010	49.0	15,010	49.8	15,020		210	48.8	12,350	49.7	12,350	50.5	12,350
	210	45.1	13,410	46.2	13,410	46.9	13,420		220	46.2	10,900	47.2	10,900	47.9	10,910
	220	42.2	11,970	43.2	11,970	44.0	11,980		230	43.5	9,590	44.5	9,590	45.2	9,600
	230	39.1	10,650	40.1	10,660	40.8	10,660		240	40.7	8,390	41.6	8,390	42.3	8,400
	240	35.8	9,450	36.7	9,460	37.3	9,470		250	37.7	7,300	38.6	7,300	39.3	7,310
	250	32.1	8,370	33.0	8,370	33.6	8,380		260	34.5	6,290	35.4	6,290	35.9	6,300
									270	31.0	5,260*	31.8	5,370	32.3	5,380





# With 92HI Offset Tip Boom and 195,000 Pound Counterweight, #30 Jib

195 klb + 64 klb CB 

360°

ANSI B 30.5  
DIN/ISO

## 45' (13.7 m) Jib length

Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
120' (36.6 m)	33	81.9	60,000*	-	-	-	-	160' (48.8 m)	39	81.8	60,000*	-	-	-	-
	35	81.2	60,000*	-	-	-	-		40	81.5	60,000*	-	-	-	-
	40	79.4	60,000*	-	-	-	-		50	78.7	60,000*	80.7	60,000*	-	-
	50	75.9	60,000*	78.5	60,000*	80.9	46,910*		60	75.8	60,000*	77.9	60,000*	79.8	46,730*
	60	72.3	60,000*	74.8	60,000*	77.2	44,510*		70	72.9	60,000*	75.0	60,000*	76.9	45,130*
	70	68.6	60,000*	71.1	55,020*	73.5	40,630*		80	70.0	60,000*	72.0	56,820*	73.9	41,960*
	80	64.8	60,000*	67.3	49,340*	69.6	40,350*		90	67.0	60,000*	69.0	52,310*	70.8	40,390*
	90	60.9	55,330*	63.4	44,790*	65.6	39,130*		100	63.9	54,750	65.9	48,260*	67.7	40,390*
	100	56.9	50,040*	59.3	41,060*	61.5	36,220*		110	60.7	48,000	62.7	44,840*	64.5	39,200*
	110	52.6	45,790*	55.0	40,210*	57.1	33,990*		120	57.5	42,470	59.4	41,820*	61.2	36,990*
	120	48.0	42,120*	50.4	37,680*	52.3	32,040*		130	54.1	38,260	56.0	38,270	57.7	35,120*
										140	50.5	34,360	52.4	34,370	54.0
								150	46.8	31,010	48.6	31,020	50.2	31,020	
								160	42.8	28,120	44.6	28,120	46.0	28,130	
130' (39.6 m)	34	82.0	60,000*	-	-	-	-	170' (51.8 m)	40	81.9	60,000*	-	-	-	-
	35	81.7	60,000*	-	-	-	-		50	79.2	60,000*	81.2	60,000*	-	-
	40	80.0	60,000*	-	-	-	-		60	76.5	60,000*	78.5	60,000*	80.3	46,680*
	50	76.7	60,000*	79.1	60,000*	81.4	46,860*		70	73.7	60,000*	75.7	60,000*	77.5	46,060*
	60	73.3	60,000*	75.7	60,000*	78.0	45,890*		80	70.9	60,000*	72.9	58,190*	74.7	42,830*
	70	69.9	60,000*	72.3	57,350*	74.5	41,970*		90	68.1	60,000*	70.0	53,790*	71.8	40,130*
	80	66.4	60,000*	68.7	51,500*	70.9	40,450*		100	65.2	54,200	67.1	50,020*	68.9	40,130*
	90	62.7	58,140*	65.1	46,780*	67.2	40,380*		110	62.2	47,440	64.1	46,330*	65.8	40,130*
	100	59.0	52,630*	61.3	42,900*	63.4	37,690*		120	59.2	41,910	61.0	41,920	62.7	38,080*
	110	55.1	48,180*	57.3	40,450*	59.3	35,290*		130	56.0	37,730	57.9	37,730	59.5	36,220*
	120	50.9	44,190	53.2	39,230*	55.1	33,380*		140	52.7	33,820	54.5	33,830	56.1	33,830
	130	46.5	39,890	48.7	36,970*	50.5	31,670*		150	49.3	30,480	51.1	30,490	52.5	30,490
								160	45.6	27,580	47.4	27,590	48.8	27,600	
								170	41.7	25,050	43.4	25,050	44.7	25,060	
140' (42.7 m)	36	81.8	60,000*	-	-	-	-	180' (54.9 m)	41	82.0	60,000*	-	-	-	-
	40	80.6	60,000*	-	-	-	-		50	79.7	60,000*	81.6	60,000*	-	-
	50	77.4	60,000*	79.7	60,000*	81.9	46,810*		60	77.1	60,000*	79.0	60,000*	80.8	46,630*
	60	74.2	60,000*	76.5	60,000*	78.7	46,810*		70	74.5	60,000*	76.4	60,000*	78.1	46,630*
	70	71.0	60,000*	73.3	58,830*	75.4	43,110*		80	71.8	60,000*	73.7	59,400*	75.4	43,800*
	80	67.7	60,000*	70.0	53,760*	72.0	40,370*		90	69.1	60,000*	71.0	54,990*	72.7	41,060*
	90	64.3	60,000*	66.6	48,740*	68.6	40,370*		100	66.4	53,900	68.2	51,240*	69.9	40,250*
	100	60.8	55,100*	63.0	44,870*	65.0	39,110*		110	63.6	47,140	65.4	47,150	67.0	40,250*
	110	57.2	49,140	59.4	41,530*	61.3	36,730*		120	60.7	41,620	62.5	41,630	64.1	39,120*
	120	53.4	43,630	55.6	40,450*	57.4	34,610*		130	57.7	37,460	59.5	37,460	61.0	37,130*
	130	49.4	39,360	51.5	38,330*	53.3	32,820*		140	54.6	33,550	56.4	33,560	57.9	33,560
	140	45.2	35,470	47.2	35,470*	48.9	31,400*		150	51.4	30,210	53.2	30,210	54.6	30,220
								160	48.1	27,310	49.8	27,320	51.2	27,320	
								170	44.5	24,790	46.2	24,790	47.5	24,800	
								180	40.7	22,550	42.3	22,560	43.6	22,560	
150' (45.7 m)	37	81.9	60,000*	-	-	-	-	190' (57.9 m)	43	81.8	60,000*	-	-	-	-
	40	81.0	60,000*	-	-	-	-		50	80.1	60,000*	81.9	60,000*	-	-
	50	78.1	60,000*	80.3	60,000*	-	-		60	77.6	60,000*	79.5	60,000*	81.2	46,580*
	60	75.1	60,000*	77.2	60,000*	79.3	46,780*		70	75.1	60,000*	77.0	60,000*	78.6	46,580*
	70	72.0	60,000*	74.2	60,000*	76.2	44,210*		80	72.6	60,000*	74.4	60,000*	76.1	44,560*
	80	68.9	60,000*	71.0	55,400*	73.0	40,860*		90	70.0	60,000*	71.8	56,360*	73.5	41,830*
	90	65.7	60,000*	67.8	50,630*	69.8	40,410*		100	67.4	53,370	69.2	52,600*	70.8	40,230*
	100	62.5	55,300	64.6	46,580*	66.4	40,350*		110	64.8	46,600	66.5	46,610	68.1	40,230*
	110	59.1	48,550	61.2	43,130*	63.0	37,990*		120	62.0	41,080	63.8	41,080	65.3	40,020*
	120	55.6	43,040	57.6	40,360*	59.4	35,890*		130	59.2	36,940	61.0	36,940	62.5	36,950
	130	51.9	38,790	53.9	38,800	55.6	33,940*		140	56.4	33,030	58.0	33,040	59.5	33,040
	140	48.0	34,890	50.0	34,900	51.7	32,410*		150	53.4	29,690	55.0	29,690	56.5	29,700
150	43.9	31,560	45.8	31,560	47.4	31,130*	160	50.2	26,790	51.9	26,790	53.3	26,800		
								170	47.0	24,260	48.6	24,270	49.9	24,270	
								180	43.5	22,030	45.1	22,030	46.3	22,040	
								190	39.8	20,040	41.3	20,050	42.5	20,060	



45' (13.7 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	44	81.9	60,000*	-	-	-	-		48	82.0	60,000*	-	-	-	-
	50	80.5	60,000*	-	-	-	-		50	81.6	60,000*	-	-	-	-
	60	78.2	60,000*	79.9	60,000*	81.5	46,540*		60	79.5	60,000*	81.0	60,000*	-	-
	70	75.8	60,000*	77.5	60,000*	79.1	46,540*		70	77.3	60,000*	78.9	60,000*	80.3	46,400*
	80	73.3	60,000*	75.1	60,000*	76.7	45,340*		80	75.2	60,000*	76.7	60,000*	78.2	46,400*
	90	70.9	60,000*	72.6	57,410*	74.2	42,660*		90	73.0	59,860	74.6	59,870	76.0	44,690*
	100	68.4	52,810	70.1	52,810	71.6	40,320*		100	70.9	51,380	72.4	51,380	73.8	42,380*
	110	65.9	46,030	67.6	46,030	69.1	40,200*		110	68.6	44,610	70.1	44,610	71.5	40,240*
200' (61.0 m)	120	63.3	40,500	64.9	40,510	66.4	40,200*	230' (70.1 m)	120	66.4	39,640	67.9	39,640	69.2	39,650
	130	60.6	36,390	62.3	36,390	63.7	36,400		130	64.1	35,020	65.6	35,020	66.9	35,030
	140	57.9	32,480	59.5	32,480	61.0	32,490		140	61.7	31,100	63.2	31,110	64.5	31,110
	150	55.1	29,130	56.7	29,140	58.1	29,140		150	59.4	27,760	60.8	27,760	62.1	27,770
	160	52.2	26,230	53.8	26,230	55.1	26,240		160	56.9	24,850	58.3	24,860	59.6	24,860
	170	49.1	23,700	50.7	23,700	52.0	23,710		170	54.4	22,320	55.8	22,320	57.0	22,330
	180	45.9	21,460	47.5	21,470	48.7	21,470		180	51.7	20,080	53.2	20,080	54.3	20,090
	190	42.5	19,480	44.0	19,480	45.2	19,490		190	49.0	18,090	50.4	18,090	51.6	18,100
	200	38.9	17,710	40.4	17,710	41.5	17,720		200	46.2	16,310	47.6	16,310	48.6	16,320
									210	43.2	14,710	44.5	14,720	45.6	14,730
									220	40.0	13,270	41.3	13,280	42.3	13,280
									230	36.6	11,970	37.9	11,980	38.8	11,990
	46	81.8	60,000*	-	-	-	-		50	81.9	60,000*	-	-	-	-
	50	80.9	60,000*	-	-	-	-		60	79.8	60,000*	81.3	60,000*	-	-
	60	78.6	60,000*	80.3	60,000*	81.9	46,490*		70	77.8	60,000*	79.3	60,000*	80.7	46,350*
	70	76.3	60,000*	78.0	60,000*	79.6	46,490*		80	75.7	60,000*	77.2	60,000*	78.6	46,350*
	80	74.0	60,000*	75.7	60,000*	77.2	46,060*		90	73.7	60,000*	75.1	59,350	76.5	45,450*
	90	71.7	60,000*	73.3	58,610*	74.8	43,360*		100	71.5	59,340	73.0	59,350	74.4	42,990*
	100	69.3	52,270	70.9	52,270	72.4	40,960*		110	69.4	50,860	73.0	50,860	74.4	40,990*
	110	66.9	45,490	68.5	45,490	70.0	40,300*		120	67.3	44,080	70.9	44,080	72.2	40,940*
210' (64.0 m)	120	64.4	39,950	66.0	39,960	67.5	40,220*	240' (73.2 m)	130	65.1	39,130	68.7	39,140	70.0	39,140
	130	61.9	35,860	63.5	35,870	64.9	35,870		140	62.8	34,520	66.5	34,520	67.8	34,520
	140	59.3	31,960	60.9	31,960	62.3	31,970		150	60.5	30,600	64.3	30,600	65.5	30,610
	150	56.6	28,600	58.2	28,610	59.6	28,610		160	58.2	27,240	62.0	27,240	63.2	27,250
	160	53.9	25,700	55.4	25,700	56.8	25,710		170	55.8	24,350	59.6	24,350	60.8	24,350
	170	51.1	23,170	52.6	23,170	53.8	23,180		180	53.3	21,800	57.2	21,800	58.4	21,810
	180	48.1	20,930	49.6	20,930	50.8	20,940		190	50.8	19,560	54.7	19,560	55.8	19,570
	190	45.0	18,940	46.4	18,950	47.6	18,950		200	48.1	17,570	52.1	17,570	53.2	17,580
	200	41.6	17,170	43.1	17,170	44.2	17,180		210	45.3	15,800	49.4	15,800	50.5	15,810
	210	38.1	15,580	39.5	15,580	40.5	15,590		220	42.4	14,190	46.6	14,190	47.7	14,200
									230	39.3	12,760	43.7	12,760	44.7	12,770
									240	35.9	11,450	40.5	11,450	41.5	11,460
	47	81.9	60,000*	-	-	-	-		51	81.9	60,000*	-	-	-	-
	50	81.2	60,000*	-	-	-	-		60	80.2	60,000*	81.6	60,000*	-	-
	60	79.1	60,000*	80.7	60,000*	-	-		70	78.2	60,000*	79.7	60,000*	81.0	46,310*
	70	76.9	60,000*	78.5	60,000*	80.0	46,450*		80	76.2	60,000*	77.7	60,000*	79.0	46,310*
	80	74.6	60,000*	76.2	60,000*	77.7	46,450*		90	74.2	60,000*	75.7	58,810	77.0	46,090*
	90	72.4	60,000*	74.0	59,670*	75.4	44,170*		100	72.2	58,800	73.6	58,810	74.9	43,690*
	100	70.1	51,730	71.7	51,730	73.1	41,710*		110	70.1	50,310	71.6	50,310	72.9	41,630*
	110	67.8	44,950	69.4	44,950	70.8	40,180*		120	68.1	43,530	69.5	43,530	70.7	38,620
220' (67.1 m)	120	65.4	39,970	67.0	39,970	68.4	39,980	250' (76.2 m)	130	66.0	38,610	67.4	38,610	68.6	33,990
	130	63.0	35,340	64.6	35,340	65.9	35,350		140	63.8	33,980	65.2	33,980	66.4	30,070
	140	60.6	31,430	62.1	31,430	63.4	31,440		150	61.6	30,060	63.0	30,060	64.2	26,710
	150	58.1	28,080	59.6	28,080	60.9	28,080		160	59.4	26,700	60.8	26,710	61.9	23,810
	160	55.5	25,170	57.0	25,170	58.2	25,180		170	57.1	23,800	58.5	23,800	59.6	21,260
	170	52.8	22,630	54.3	22,630	55.5	22,640		180	54.8	21,250	56.1	21,260	57.2	19,020
	180	50.0	20,400	51.5	20,400	52.7	20,410		190	52.3	19,010	53.7	19,010	54.8	17,030
	190	47.1	18,410	48.5	18,410	49.7	18,420		200	49.8	17,020	51.1	17,020	52.2	15,250
	200	44.0	16,630	45.5	16,640	46.6	16,650		210	47.2	15,240	48.5	15,240	49.5	13,650
	210	40.8	15,030	42.2	15,030	43.2	15,040		220	44.5	13,640	45.7	13,640	46.7	12,200
	220	37.3	13,590	38.7	13,590	39.6	13,600		230	41.6	12,190	42.9	12,190	43.8	10,900
									240	38.6	10,890	39.8	10,890	40.6	9,700
									250	35.3	9,690	36.5	9,690	37.3	8,610



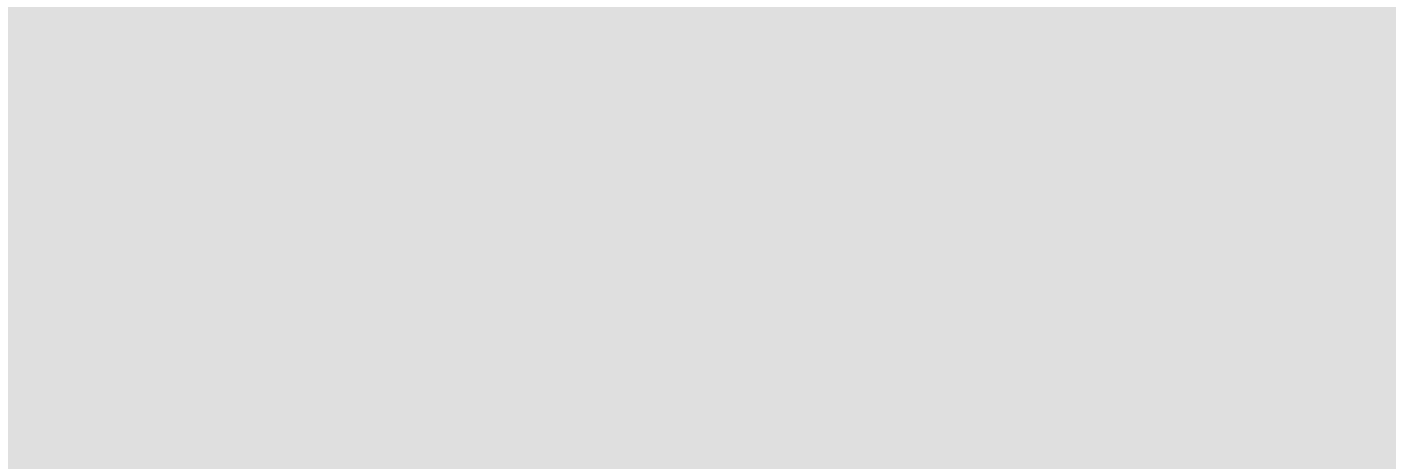
# With 92HI Offset Tip Boom and 195,000 Pound Counterweight, #30 Jib

195 klb + 64 klb CB 

360°

ANSI B 30.5  
DIN/ISO

45' (13.7 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	53	81.8	60,000*	-	-	-	-		55	82.0	52,150*	-	-	-	-
	60	80.5	60,000*	81.9	59,180*	-	-		60	81.1	50,620*	-	-	-	-
	70	78.6	60,000*	80.0	57,220*	81.3	46,260*		70	79.3	47,470*	80.6	42,110*	81.9	35,710*
	80	76.7	60,000*	78.1	55,010*	79.4	46,260*		80	77.5	44,590*	78.8	40,190*	80.0	34,600*
	90	74.7	58,280	76.1	52,960*	77.4	46,260*		90	75.7	42,060*	77.0	36,820*	78.2	33,560*
	100	72.8	49,780	74.2	49,780	75.4	44,170*		100	73.9	38,230*	75.2	35,270*	76.4	32,410*
	110	70.8	42,990	72.2	42,990	73.4	42,140*		110	72.0	36,200*	73.3	33,710*	74.5	31,240*
	120	68.8	38,090	70.2	38,100	71.4	38,100		120	70.2	34,350*	71.5	32,150*	72.6	29,940*
	130	66.8	33,460	68.2	33,470	69.4	33,470		130	68.3	32,590	69.6	30,720*	70.7	28,760*
	140	64.7	29,540	66.1	29,550	67.3	29,550		140	66.4	28,670	67.7	28,680	68.8	27,580*
260' (79.2 m)	150	62.6	26,180	64.0	26,180	65.2	26,190	280' (85.3 m)	150	64.5	25,300	65.7	25,310	66.8	25,310
	160	60.5	23,270	61.8	23,270	63.0	23,280		160	62.5	22,400	63.7	22,400	64.8	22,410
	170	58.3	20,720	59.6	20,730	60.8	20,730		170	60.5	19,850	61.7	19,850	62.8	19,860
	180	56.1	18,490	57.4	18,490	58.5	18,500		180	58.4	17,600	59.7	17,610	60.7	17,610
	190	53.8	16,500	55.1	16,500	56.1	16,510		190	56.3	15,620	57.5	15,620	58.6	15,630
	200	51.4	14,720	52.7	14,720	53.7	14,730		200	54.2	13,840	55.4	13,840	56.4	13,850
	210	48.9	13,120	50.2	13,120	51.2	13,130		210	52.0	12,230	53.2	12,240	54.1	12,240
	220	46.4	11,670	47.6	11,670	48.6	11,680		220	49.7	10,780	50.9	10,790	51.8	10,790
	230	43.7	10,350	44.9	10,360	45.9	10,360		230	47.3	9,470	48.5	9,470	49.4	9,480
	240	40.9	9,160	42.1	9,160	43.0	9,170		240	44.8	8,270	46.0	8,270	46.9	8,280
	250	37.9	8,060	39.1	8,060	39.9	8,070		250	42.3	7,170	43.4	7,180	44.2	7,190
	260	34.7	7,060	35.8	7,070	36.6	7,080		260	39.5	6,170	40.6	6,180	41.4	6,180
									270	36.6	5,240	37.7	5,250	38.5	5,260
									280	33.5	4,060*	34.6	4,360*	35.3	4,400
	54	81.9	60,000*	-	-	-	-								
	60	80.8	60,000*	-	-	-	-								
	70	79.0	57,650*	80.3	50,910*	81.6	44,680*								
	80	77.1	54,570*	78.5	48,880*	79.7	43,530*								
	90	75.2	51,710*	76.6	46,870*	77.8	42,160*								
	100	73.4	49,080*	74.7	44,870*	75.9	40,770*								
	110	71.5	42,460	72.8	42,460	74.0	38,430*								
	120	69.5	37,580	70.8	37,580	72.0	37,030*								
	130	67.6	32,940	68.9	32,940	70.1	32,950								
	140	65.6	29,020	66.9	29,020	68.1	29,030								
270' (82.3 m)	150	63.6	25,660	64.9	25,660	66.0	25,670								
	160	61.5	22,740	62.8	22,750	63.9	22,750								
	170	59.4	20,200	60.7	20,200	61.8	20,210								
	180	57.3	17,950	58.6	17,950	59.6	17,960								
	190	55.1	15,960	56.4	15,960	57.4	15,970								
	200	52.8	14,180	54.1	14,180	55.1	14,190								
	210	50.5	12,570	51.7	12,580	52.7	12,590								
	220	48.1	11,130	49.3	11,130	50.3	11,140								
	230	45.6	9,820	46.8	9,820	47.7	9,830								
	240	43.0	8,620	44.1	8,630	45.0	8,630								
	250	40.2	7,520	41.3	7,520	42.2	7,530								
	260	37.3	6,520	38.4	6,520	39.2	6,530								
	270	34.1	5,590	35.2	5,600	35.9	5,610								



55' (16.8 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
140' (42.7 m)	38	81.9	60,000*	-	-	-	-	180' (54.9 m)	44	81.8	60,000*	-	-	-	-
	40	81.3	60,000*	-	-	-	-		50	80.3	60,000*	-	-	-	-
	50	78.3	60,000*	81.0	60,000*	-	-		60	77.9	60,000*	80.1	60,000*	-	-
	60	75.3	60,000*	78.0	56,160*	80.5	38,790*		70	75.4	60,000*	77.6	55,610*	79.6	38,700*
	70	72.3	60,000*	74.9	49,980*	77.4	38,790*		80	72.8	60,000*	75.0	50,740*	77.1	38,700*
	80	69.2	59,210*	71.8	44,930*	74.2	37,500*		90	70.3	60,000*	72.4	46,410*	74.5	38,360*
	90	66.0	53,090*	68.6	40,920*	71.0	34,640*		100	67.6	54,140	69.8	42,710*	71.8	35,900*
	100	62.7	47,920*	65.3	40,110*	67.6	32,290*		110	65.0	47,380	67.1	40,250*	69.1	33,790*
	110	59.3	43,890*	61.9	37,330*	64.2	30,260*		120	62.3	41,860	64.4	39,200*	66.3	31,870*
	120	55.8	40,250*	58.4	35,040*	60.6	28,400*		130	59.4	37,730	61.6	37,090*	63.4	30,310*
130	52.2	37,680*	54.7	33,020*	56.8	26,930*	140	56.6	33,820	58.6	33,830	60.5	28,900*		
140	48.3	35,020*	50.7	31,220*	52.8	25,650*	150	53.6	30,480	55.6	30,490	57.4	27,610*		
	39	82.0	60,000*	-	-	-	-	160	50.4	27,580	52.5	27,580	54.2	26,540*	
	40	81.7	60,000*	-	-	-	-	170	47.2	25,050	49.2	25,060	50.8	25,060	
	50	78.9	60,000*	81.5	60,000*	-	-	180	43.7	22,830	45.7	22,830	47.2	22,840	
	60	76.0	60,000*	78.6	57,750*	81.0	38,760*								
	70	73.2	60,000*	75.7	51,650*	78.1	38,760*								
	80	70.2	60,000*	72.7	46,410*	75.1	38,600*								
150' (45.7 m)	90	67.2	55,290*	69.7	42,440*	72.0	35,720*		45	81.9	60,000*	-	-	-	-
	100	64.1	50,120*	66.6	40,350*	68.9	33,270*		50	80.7	60,000*	-	-	-	-
	110	61.0	45,660*	63.4	38,560*	65.6	31,150*		60	78.4	60,000*	80.5	60,000*	-	-
	120	57.7	42,000*	60.1	36,040*	62.3	29,330*		70	76.0	60,000*	78.1	56,540*	80.1	38,670*
	130	54.3	39,080	56.7	34,050*	58.8	27,890*		80	73.5	60,000*	75.7	51,980*	77.6	38,670*
	140	50.8	35,180	53.1	32,240*	55.1	26,490*		90	71.1	60,000*	73.2	47,590*	75.1	38,670*
	150	47.0	31,840	49.3	30,550*	51.2	25,330*		100	68.6	53,610	70.7	44,070*	72.6	36,760*
									110	66.1	46,850	68.1	40,850*	70.0	34,480*
									120	63.5	41,320	65.5	40,240*	67.4	32,630*
									130	60.8	37,210	62.9	37,220	64.7	31,070*
								140	58.1	33,310	60.1	33,310	61.9	29,640*	
								150	55.3	29,960	57.3	29,970	59.0	28,350*	
								160	52.4	27,060	54.3	27,060	56.0	27,070	
								170	49.3	24,530	51.3	24,530	52.9	24,540	
								180	46.1	22,290	48.0	22,300	49.6	22,310	
								190	42.7	20,320	44.6	20,320	46.1	20,330	
160' (48.8 m)	41	81.8	60,000*	-	-	-	-								
	50	79.4	60,000*	81.9	60,000*	-	-								
	60	76.7	60,000*	79.1	59,090*	81.4	38,740*								
	70	74.0	60,000*	76.4	53,090*	78.6	38,740*								
	80	71.2	60,000*	73.6	47,970*	75.8	38,740*								
	90	68.3	57,470*	70.7	43,790*	72.9	36,670*								
	100	65.4	52,160*	67.8	40,280*	69.9	34,240*								
	110	62.5	47,650*	64.8	39,570*	66.9	32,120*								
	120	59.4	42,730	61.7	37,160*	63.8	30,250*								
	130	56.2	38,550	58.5	35,090*	60.5	28,700*								
140	52.9	34,640	55.2	33,250*	57.1	27,310*									
150	49.5	31,300	51.7	31,310	53.6	26,150*									
160	45.8	28,410	48.0	28,420	49.8	25,120*									
170' (51.8 m)	42	81.9	60,000*	-	-	-	-								
	50	79.9	60,000*	-	-	-	-								
	60	77.3	60,000*	79.6	60,000*	81.8	38,710*								
	70	74.7	60,000*	77.0	54,510*	79.2	38,710*								
	80	72.0	60,000*	74.3	49,300*	76.5	38,710*								
	90	69.3	59,620*	71.6	45,030*	73.7	37,580*								
	100	66.6	54,020*	68.9	41,500*	70.9	35,020*								
	110	63.8	47,690	66.0	40,340*	68.0	32,900*								
	120	60.9	42,170	63.1	38,200*	65.1	31,110*								
	130	57.9	38,010	60.1	36,040*	62.1	29,560*								
140	54.8	34,100	57.0	34,110	58.9	28,160*									
150	51.6	30,760	53.8	30,770	55.6	26,880*									
160	48.3	27,870	50.4	27,880	52.1	25,810*									
170	44.7	25,340	46.8	25,340	48.5	24,890*									
180' (61.0 m)	46	82.0	60,000*	-	-	-	-								
	50	81.1	60,000*	-	-	-	-								
	60	78.8	60,000*	80.9	60,000*	-	-								
	70	76.5	60,000*	78.6	57,610*	80.5	38,650*								
	80	74.2	60,000*	76.2	53,150*	78.1	38,650*								
	90	71.9	60,000*	73.9	48,800*	75.8	38,650*								
	100	69.5	53,050	71.5	45,100*	73.3	37,380*								
	110	67.1	46,280	69.1	42,010*	70.9	35,230*								
	120	64.6	40,740	66.6	40,210*	68.4	33,390*								
	130	62.1	36,650	64.0	36,660	65.8	31,830*								
140	59.5	32,750	61.4	32,750	63.1	30,270*									
150	56.8	29,400	58.8	29,410	60.4	28,980*									
160	54.1	26,500	56.0	26,500	57.6	26,510									
170	51.2	23,970	53.1	23,970	54.7	23,980									
180	48.3	21,730	50.1	21,730	51.6	21,740									
190	45.1	19,750	47.0	19,760	48.4	19,770									
200	41.8	17,980	43.6	17,980	45.0	17,990									



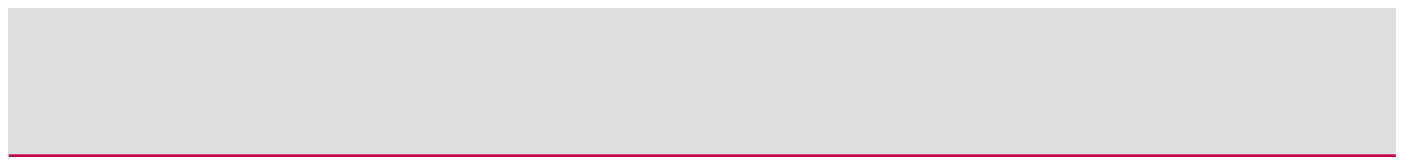
# With 92HI Offset Tip Boom and 195,000 Pound Counterweight, #30 Jib

195 klb + 64 klb CB 

360°

ANSI B 30.5  
DIN/ISO

55' (16.8 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	48	81.9	60,000*	-	-	-	-		52	81.9	60,000*	-	-	-	-
	50	81.4	60,000*	-	-	-	-		60	80.3	60,000*	-	-	-	-
	60	79.2	60,000*	81.2	60,000*	-	-		70	78.4	60,000*	80.1	60,000*	81.8	38,550*
	70	77.0	60,000*	79.0	58,560*	80.9	38,620*		80	76.4	60,000*	78.2	56,670*	79.8	38,550*
	80	74.8	60,000*	76.8	54,070*	78.6	38,620*		90	74.4	59,580	76.1	52,800*	77.8	38,550*
	90	72.6	60,000*	74.5	49,850*	76.3	38,620*		100	72.4	51,090	74.1	49,270*	75.7	38,550*
	100	70.3	52,510	72.2	46,150*	74.0	38,120*		110	70.3	44,310	72.0	44,310	73.6	38,010*
	110	68.0	45,740	69.9	43,040*	71.6	36,060*		120	68.2	39,400	70.0	39,400	71.5	36,000*
210' (64.0 m)	120	65.6	40,200	67.5	40,200	69.3	34,160*	240' (73.2 m)	130	66.1	34,770	67.8	34,770	69.4	34,310*
	130	63.2	36,140	65.1	36,140	66.8	32,460*		140	64.0	30,850	65.7	30,850	67.2	30,860
	140	60.8	32,220	62.6	32,220	64.3	31,030*		150	61.8	27,500	63.5	27,510	65.0	27,510
	150	58.2	28,880	60.1	28,880	61.7	28,890		160	59.6	24,600	61.2	24,600	62.7	24,610
	160	55.7	25,970	57.5	25,980	59.1	25,980		170	57.3	22,060	58.9	22,070	60.4	22,070
	170	53.0	23,440	54.8	23,440	56.3	23,450		180	54.9	19,820	56.6	19,820	58.0	19,830
	180	50.2	21,200	52.0	21,200	53.5	21,210		190	52.5	17,830	54.1	17,830	55.5	17,840
	190	47.3	19,210	49.1	19,210	50.5	19,220		200	50.0	16,050	51.6	16,050	52.9	16,060
	200	44.2	17,440	46.0	17,450	47.3	17,460		210	47.4	14,460	49.0	14,460	50.2	14,470
	210	41.0	15,840	42.7	15,840	44.0	15,850		220	44.6	13,010	46.2	13,020	47.4	13,020
									230	41.8	11,700	43.3	11,700	44.5	11,710
									240	38.7	10,510	40.2	10,510	41.3	10,520
	49	81.9	60,000*	-	-	-	-		53	82.0	60,000*	-	-	-	-
	50	81.7	60,000*	-	-	-	-		60	80.7	60,000*	-	-	-	-
	60	79.6	60,000*	81.5	60,000*	-	-		70	78.8	60,000*	80.5	59,630*	-	-
	70	77.5	60,000*	79.4	59,320*	81.2	38,600*		80	76.8	60,000*	78.6	57,290*	80.2	38,530*
	80	75.4	60,000*	77.3	54,890*	79.0	38,600*		90	74.9	59,030	76.6	53,640*	78.2	38,530*
	90	73.2	60,000*	75.1	51,040*	76.8	38,600*		100	73.0	50,540	74.6	50,270*	76.2	38,530*
	100	71.0	51,970	72.9	47,230*	74.6	38,600*		110	71.0	43,760	72.7	43,760	74.2	38,530*
	110	68.8	45,190	70.7	44,090*	72.4	36,670*		120	69.0	38,860	70.7	38,870	72.2	36,600*
220' (67.1 m)	120	66.6	40,230	68.4	40,230	70.1	34,780*	250' (76.2 m)	130	67.0	34,230	68.6	34,240	70.1	34,240
	130	64.3	35,600	66.1	35,610	67.7	33,080*		140	64.9	30,320	66.5	30,320	68.0	30,330
	140	61.9	31,690	63.7	31,700	65.4	31,660*		150	62.8	26,960	64.4	26,960	65.9	26,970
	150	59.5	28,340	61.3	28,340	62.9	28,350		160	60.7	24,050	62.3	24,050	63.7	24,060
	160	57.1	25,440	58.9	25,450	60.4	25,450		170	58.5	21,510	60.1	21,520	61.5	21,530
	170	54.5	22,900	56.3	22,900	57.8	22,910		180	56.2	19,270	57.8	19,270	59.2	19,280
	180	51.9	20,660	53.7	20,660	55.1	20,670		190	53.9	17,280	55.5	17,280	56.9	17,290
	190	49.2	18,680	50.9	18,680	52.3	18,690		200	51.6	15,500	53.1	15,500	54.4	15,510
	200	46.4	16,900	48.0	16,900	49.4	16,910		210	49.1	13,900	50.6	13,900	51.9	13,910
	210	43.4	15,300	45.0	15,310	46.3	15,320		220	46.5	12,460	48.1	12,460	49.3	12,470
	220	40.2	13,860	41.8	13,870	43.0	13,880		230	43.9	11,140	45.4	11,150	46.5	11,160
									240	41.0	9,950	42.5	9,950	43.6	9,960
									250	38.0	8,860	39.5	8,860	40.5	8,870
	51	81.8	60,000*	-	-	-	-								
	60	80.0	60,000*	81.8	60,000*	-	-								
	70	78.0	60,000*	79.8	60,000*	81.5	38,580*								
	80	75.9	60,000*	77.7	55,800*	79.4	38,580*								
	90	73.8	60,000*	75.6	51,930*	77.3	38,580*								
	100	71.7	51,620	73.5	48,370*	75.2	38,580*								
	110	69.6	44,840	71.4	44,840	73.0	37,420*								
	120	67.4	39,900	69.2	39,910	70.8	35,390*								
230' (70.1 m)	130	65.2	35,280	67.0	35,280	68.6	33,700*								
	140	63.0	31,370	64.8	31,370	66.3	31,380								
	150	60.7	28,020	62.5	28,020	64.0	28,030								
	160	58.4	25,120	60.1	25,120	61.6	25,130								
	170	56.0	22,570	57.7	22,570	59.1	22,580								
	180	53.5	20,340	55.2	20,340	56.6	20,350								
	190	50.9	18,350	52.6	18,350	54.0	18,360								
	200	48.3	16,580	49.9	16,580	51.3	16,590								
	210	45.5	14,980	47.1	14,980	48.4	14,990								
	220	42.5	13,540	44.1	13,540	45.4	13,550								
	230	39.4	12,220	41.0	12,230	42.2	12,240								



55' (16.8 m) Jib length

Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	55	81.9	60,000*	-	-	-	-
	60	81.0	60,000*	-	-	-	-
	70	79.1	60,000*	80.8	53,180*	-	-
	80	77.3	58,460*	78.9	51,530*	80.5	38,510*
	90	75.4	55,580*	77.0	49,570*	78.6	38,510*
	100	73.5	50,010	75.2	47,680*	76.7	38,510*
	110	71.6	43,220	73.2	43,220	74.7	38,510*
	120	69.7	38,350	71.3	38,350	72.8	37,180*
	130	67.7	33,720	69.3	33,720	70.8	33,730
	140	65.7	29,800	67.4	29,800	68.8	29,810
260' (79.2 m)	150	63.7	26,440	65.3	26,440	66.7	26,450
	160	61.7	23,530	63.3	23,540	64.7	23,540
	170	59.6	20,990	61.2	20,990	62.5	21,000
	180	57.4	18,740	59.0	18,750	60.3	18,750
	190	55.3	16,750	56.8	16,750	58.1	16,760
	200	53.0	14,970	54.5	14,970	55.8	14,980
	210	50.7	13,360	52.2	13,370	53.4	13,380
	220	48.3	11,930	49.7	11,930	51.0	11,940
	230	45.7	10,610	47.2	10,610	48.4	10,620
	240	43.1	9,410	44.6	9,420	45.7	9,430
	250	40.3	8,320	41.8	8,320	42.8	8,330
	260	37.4	7,320	38.8	7,330	39.8	7,340

	56	81.9	59,530*	-	-	-	-
	60	81.2	58,160*	-	-	-	-
	70	79.5	54,860*	81.1	47,450*	-	-
	80	77.7	52,000*	79.3	45,640*	80.8	38,490*
	90	75.9	49,220*	77.5	44,000*	78.9	37,670*
	100	74.0	46,730*	75.6	42,190*	77.1	36,690*
	110	72.2	42,690	73.8	40,390*	75.2	35,770*
	120	70.3	37,830	71.9	37,780*	73.3	34,650*
	130	68.5	33,190	70.0	33,200	71.4	33,200
	140	66.5	29,270	68.1	29,280	69.5	29,280
270' (82.3 m)	150	64.6	25,910	66.1	25,920	67.5	25,930
	160	62.6	23,010	64.2	23,010	65.5	23,020
	170	60.6	20,460	62.1	20,460	63.5	20,470
	180	58.6	18,210	60.1	18,220	61.4	18,230
	190	56.5	16,220	58.0	16,220	59.3	16,230
	200	54.3	14,440	55.8	14,440	57.1	14,450
	210	52.1	12,830	53.6	12,840	54.8	12,850
	220	49.8	11,380	51.3	11,390	52.5	11,400
	230	47.5	10,080	48.9	10,080	50.0	10,090
	240	45.0	8,880	46.4	8,880	47.5	8,890
	250	42.4	7,780	43.8	7,790	44.9	7,800
	260	39.7	6,770	41.0	6,780	42.1	6,790
	270	36.8	5,850	38.1	5,860	39.1	5,870

Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	58	81.8	48,830*	-	-	-	-
	60	81.5	48,350*	-	-	-	-
	70	79.8	45,380*	81.3	37,580*	-	-
	80	78.0	42,620*	79.6	36,270*	81.1	31,890*
	90	76.3	40,170*	77.8	34,690*	79.3	31,030*
	100	74.5	36,650*	76.1	33,260*	77.5	30,030*
	110	72.7	34,750*	74.3	31,860*	75.7	29,010*
	120	70.9	32,910*	72.5	30,440*	73.9	27,960*
	130	69.1	31,220*	70.6	29,150*	72.0	26,980*
	140	67.3	28,920	68.8	27,860*	70.2	25,920*
280' (85.3 m)	150	65.4	25,560	66.9	25,560	68.3	24,860*
	160	63.5	22,650	65.0	22,650	66.3	22,660
	170	61.6	20,100	63.1	20,110	64.4	20,110
	180	59.6	17,860	61.1	17,860	62.4	17,870
	190	57.6	15,860	59.1	15,870	60.3	15,870
	200	55.5	14,090	57.0	14,090	58.2	14,100
	210	53.4	12,480	54.9	12,490	56.1	12,500
	220	51.3	11,030	52.7	11,040	53.9	11,050
	230	49.0	9,710	50.4	9,720	51.6	9,730
	240	46.7	8,520	48.1	8,520	49.2	8,530
	250	44.3	7,420	45.6	7,420	46.7	7,430
	260	41.7	6,410	43.1	6,420	44.1	6,430
	270	39.1	5,490	40.4	5,500	41.3	5,510
	280	36.2	4,480*	37.5	4,640	38.4	4,650



# With 92HI Offset Tip Boom and 195,000 Pound Counterweight, #30 Jib

195 klb + 64 klb CB 

360°

ANSI B 30.5  
DIN/ISO

65' (19.8 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	45	81.8	55,300*	-	-	-	-		49	81.8	54,500*	-	-	-	-
	50	80.5	54,350*	-	-	-	-		50	81.6	54,280*	-	-	-	-
	60	78.1	52,480*	80.7	47,400*	-	-		60	79.4	52,920*	81.8	47,270*	-	-
	70	75.6	50,780*	78.2	46,300*	80.7	32,810*		70	77.2	51,380*	79.6	46,320*	81.8	32,730*
	80	73.0	49,330*	75.6	42,120*	78.1	32,810*		80	75.0	49,940*	77.3	45,200*	79.5	32,730*
	90	70.5	47,820*	73.1	39,560*	75.5	31,490*		90	72.8	48,680*	75.1	41,450*	77.2	32,730*
170' (51.8 m)	100	67.9	46,420*	70.4	38,510*	72.8	29,380*		100	70.5	47,450*	72.8	39,160*	74.9	31,280*
	110	65.2	43,830*	67.7	35,980*	70.1	27,670*		110	68.2	46,240*	70.4	38,370*	72.5	29,420*
	120	62.5	39,520*	65.0	33,670*	67.3	26,050*	200' (61.0 m)	120	65.8	40,900	68.1	36,220*	70.1	27,910*
	130	59.7	37,870*	62.2	31,740*	64.4	24,680*		130	63.4	36,840	65.7	34,160*	67.7	26,510*
	140	56.8	34,300	59.3	29,790*	61.4	23,550*		140	60.9	32,930	63.2	32,330*	65.2	25,240*
	150	53.8	30,960	56.2	28,030*	58.4	22,430*		150	58.4	29,590	60.6	29,590	62.6	24,110*
	160	50.6	28,060	53.1	26,540*	55.1	21,500*		160	55.8	26,690	58.0	26,700	59.9	23,170*
	170	47.4	25,530	49.8	25,170*	51.8	20,660*		170	53.2	24,150	55.3	24,150	57.2	22,290*
	46	81.9	54,770*	-	-	-	-		180	50.4	21,920	52.5	21,920	54.3	21,450*
	50	80.9	54,180*	-	-	-	-		190	47.5	19,930	49.6	19,930	51.3	19,940
	60	78.6	52,460*	81.1	47,220*	-	-		200	44.4	18,160	46.5	18,170	48.2	18,180
	70	76.2	51,020*	78.7	46,270*	-	-								
	80	73.7	49,390*	76.3	43,270*	81.1	32,780*		50	81.9	54,220*	-	-	-	-
	90	71.3	47,960*	73.8	39,680*	78.6	32,780*		60	79.8	52,820*	-	-	-	-
180' (54.9 m)	100	68.8	46,770*	71.3	38,840*	73.6	30,040*		70	77.7	51,470*	79.9	46,350*	-	-
	110	66.3	45,340*	68.7	36,800*	71.0	28,260*		80	75.6	50,010*	77.8	45,420*	79.9	32,720*
	120	63.7	41,540*	66.1	34,560*	68.3	26,670*		90	73.4	48,880*	75.6	42,310*	77.7	32,720*
	130	61.0	37,910	63.4	32,640*	65.6	25,390*		100	71.2	47,530*	73.4	39,310*	75.5	31,790*
	140	58.3	34,010	60.7	30,820*	62.8	24,150*		110	69.0	45,900	71.2	38,690*	73.2	30,060*
	150	55.5	30,660	57.9	29,000*	59.9	23,020*		120	66.7	40,360	68.9	36,970*	70.9	28,410*
	160	52.6	27,770	54.9	27,370*	56.9	22,090*	210' (64.0 m)	130	64.4	36,320	66.6	34,920*	68.6	27,040*
	170	49.5	25,240	51.8	25,240	53.8	21,230*		140	62.1	32,400	64.3	32,410	66.2	25,740*
	180	46.3	23,000	48.6	23,010	50.5	20,470*		150	59.7	29,060	61.8	29,060	63.7	24,700*
	47	82.0	54,660*	-	-	-	-		160	57.2	26,150	59.4	26,160	61.2	23,670*
	50	81.3	54,120*	-	-	-	-		170	54.7	23,620	56.8	23,620	58.6	22,780*
	60	79.0	52,590*	81.4	47,250*	-	-		180	52.1	21,390	54.2	21,390	55.9	21,400
	70	76.7	51,110*	79.1	46,110*	81.4	32,760*		190	49.4	19,400	51.4	19,400	53.1	19,410
	80	74.4	49,680*	76.8	44,270*	79.1	32,760*		200	46.5	17,620	48.5	17,630	50.2	17,630
	90	72.1	48,310*	74.5	40,450*	76.7	32,760*		210	43.5	16,020	45.5	16,030	47.1	16,040
190' (57.9 m)	100	69.7	46,910*	72.1	39,020*	74.3	30,730*								
	110	67.3	45,730*	69.6	37,710*	71.8	28,940*		51	82.0	54,030*	-	-	-	-
	120	64.8	41,470	67.1	35,320*	69.3	27,290*		60	80.2	52,740*	-	-	-	-
	130	62.3	37,390	64.6	33,400*	66.7	25,900*		70	78.1	51,550*	80.3	46,300*	-	-
	140	59.7	33,490	62.0	31,570*	64.1	24,640*		80	76.1	50,270*	78.2	45,430*	80.3	32,690*
	150	57.0	30,140	59.3	29,910*	61.3	23,610*		90	74.0	48,900*	76.1	43,240*	78.2	32,690*
	160	54.3	27,240	56.5	27,240	58.5	22,580*		100	71.9	47,770*	74.0	40,010*	76.0	32,380*
	170	51.4	24,710	53.7	24,710	55.6	21,710*		110	69.8	45,350	71.9	38,660*	73.9	30,560*
	180	48.5	22,480	50.7	22,480	52.5	20,960*	220' (67.1 m)	120	67.6	39,800	69.7	37,730*	71.7	28,980*
	190	45.3	20,490	47.5	20,500	49.3	20,300*		130	65.4	35,790	67.5	35,690*	69.4	27,560*
									140	63.2	31,880	65.3	31,880	67.1	26,260*
									150	60.9	28,530	63.0	28,530	64.8	25,200*
									160	58.5	25,630	60.6	25,630	62.4	24,160*
									170	56.1	23,080	58.2	23,090	59.9	23,090
									180	53.7	20,850	55.7	20,850	57.4	20,860
									190	51.1	18,860	53.1	18,860	54.8	18,870
									200	48.4	17,090	50.4	17,090	52.0	17,100
									210	45.6	15,490	47.6	15,500	49.2	15,510
									220	42.7	14,050	44.6	14,050	46.1	14,060



65' (19.8 m) Jib length

Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	53	81.9	53,220*	-	-	-	-
	60	80.5	52,420*	-	-	-	-
	70	78.5	51,160*	80.6	45,890*	-	-
	80	76.6	49,870*	78.6	45,000*	80.6	32,670*
	90	74.6	48,810*	76.6	44,010*	78.6	32,670*
	100	72.5	47,620*	74.6	40,750*	76.5	32,670*
	110	70.5	44,990	72.5	38,640*	74.4	31,050*
	120	68.4	40,080	70.5	38,020*	72.3	29,490*
230' (70.1 m)	130	66.3	35,450	68.3	35,450	70.2	28,070*
	140	64.1	31,540	66.2	31,550	68.0	26,780*
	150	62.0	28,190	64.0	28,200	65.8	25,590*
	160	59.7	25,290	61.7	25,290	63.5	24,560*
	170	57.4	22,750	59.4	22,760	61.1	22,770
	180	55.1	20,510	57.0	20,510	58.7	20,520
	190	52.7	18,530	54.6	18,530	56.2	18,540
	200	50.1	16,750	52.1	16,750	53.7	16,760
	210	47.5	15,160	49.4	15,160	51.0	15,170
	220	44.8	13,710	46.7	13,720	48.2	13,730
	230	41.9	12,410	43.8	12,410	45.2	12,420

	54	82.0	52,810*	-	-	-	-
	60	80.8	52,150*	-	-	-	-
	70	78.9	51,040*	81.0	45,690*	-	-
	80	77.0	49,920*	79.0	44,910*	80.9	32,640*
	90	75.1	48,840*	77.1	44,220*	79.0	32,640*
	100	73.1	47,670*	75.1	41,540*	77.0	32,640*
	110	71.1	44,460	73.1	38,770*	75.0	31,550*
	120	69.1	39,570	71.1	38,150*	72.9	29,990*
240' (73.2 m)	130	67.1	34,940	69.1	34,950	70.9	28,460*
	140	65.1	31,040	67.0	31,040	68.8	27,290*
	150	63.0	27,680	64.9	27,680	66.6	26,110*
	160	60.8	24,770	62.8	24,770	64.5	24,780
	170	58.6	22,230	60.6	22,240	62.2	22,250
	180	56.4	19,990	58.3	19,990	59.9	20,000
	190	54.1	18,010	56.0	18,010	57.6	18,020
	200	51.7	16,230	53.6	16,230	55.1	16,240
	210	49.3	14,630	51.1	14,630	52.6	14,640
	220	46.7	13,190	48.5	13,190	50.0	13,200
	230	44.0	11,870	45.8	11,880	47.2	11,890
	240	41.2	10,680	43.0	10,680	44.3	10,700

	56	81.8	52,570*	-	-	-	-
	60	81.1	52,180*	-	-	-	-
	70	79.3	51,090*	81.2	45,560*	-	-
	80	77.4	49,940*	79.4	44,910*	81.2	32,620*
	90	75.6	48,860*	77.5	44,210*	79.3	32,620*
	100	73.7	47,980*	75.6	39,450*	77.4	32,620*
	110	71.8	43,910	73.7	38,880*	75.5	31,920*
	120	69.8	39,040	71.8	38,280*	73.5	30,370*
	130	67.9	34,410	69.8	34,410	71.5	28,960*
	140	65.9	30,490	67.8	30,490	69.5	27,680*
250' (76.2 m)	150	63.9	27,130	65.8	27,130	67.5	26,520*
	160	61.8	24,230	63.7	24,240	65.4	24,250
	170	59.7	21,690	61.6	21,690	63.2	21,700
	180	57.6	19,440	59.5	19,450	61.1	19,450
	190	55.4	17,460	57.2	17,460	58.8	17,470
	200	53.1	15,680	55.0	15,680	56.5	15,690
	210	50.8	14,070	52.6	14,080	54.1	14,090
	220	48.4	12,630	50.2	12,630	51.6	12,640
	230	45.9	11,320	47.6	11,320	49.1	11,330
	240	43.3	10,120	45.0	10,130	46.3	10,140
	250	40.5	9,030	42.2	9,040	43.5	9,050

Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	57	81.9	52,170*	-	-	-	-
	60	81.4	51,920*	-	-	-	-
	70	79.6	50,830*	81.5	45,210*	-	-
	80	77.8	49,740*	79.7	44,540*	81.5	32,600*
	90	76.0	48,810*	77.9	43,950*	79.7	32,600*
	100	74.2	47,780*	76.1	43,140*	77.8	32,600*
	110	72.3	43,370	74.2	38,720*	76.0	32,420*
	120	70.5	38,520	72.4	38,250*	74.1	30,850*
	130	68.6	33,890	70.5	33,900	72.2	29,420*
	140	66.7	29,970	68.5	29,980	70.2	28,120*
260' (79.2 m)	150	64.8	26,610	66.6	26,620	68.2	26,630
	160	62.8	23,710	64.6	23,710	66.2	23,720
	170	60.8	21,160	62.6	21,160	64.2	21,170
	180	58.7	18,920	60.5	18,930	62.1	18,940
	190	56.6	16,930	58.4	16,930	59.9	16,940
	200	54.5	15,150	56.2	15,150	57.7	15,160
	210	52.3	13,540	54.0	13,550	55.5	13,560
	220	50.0	12,090	51.7	12,100	53.1	12,110
	230	47.6	10,790	49.3	10,790	50.7	10,800
	240	45.1	9,590	46.8	9,590	48.2	9,600
	250	42.6	8,490	44.2	8,500	45.5	8,510
	260	39.8	7,490	41.5	7,500	42.7	7,510

	58	82.0	51,540*	-	-	-	-
	60	81.6	51,350*	-	-	-	-
	70	79.9	50,370*	81.8	44,310*	-	-
	80	78.2	49,430*	80.0	42,850*	81.8	32,570*
	90	76.4	47,160*	78.3	41,210*	80.0	32,570*
	100	74.7	44,580*	76.5	38,370*	78.2	32,570*
	110	72.9	42,330*	74.7	36,970*	76.4	32,570*
	120	71.1	38,010	72.9	35,590*	74.6	31,220*
	130	69.3	33,380	71.1	33,380	72.7	29,800*
	140	67.4	29,450	69.2	29,450	70.9	28,510*
270' (82.3 m)	150	65.6	26,090	67.3	26,090	69.0	26,100
	160	63.7	23,180	65.4	23,180	67.0	23,190
	170	61.7	20,630	63.5	20,640	65.1	20,650
	180	59.8	18,390	61.5	18,390	63.0	18,400
	190	57.7	16,390	59.5	16,400	61.0	16,400
	200	55.7	14,620	57.4	14,620	58.9	14,630
	210	53.6	13,010	55.3	13,020	56.7	13,030
	220	51.4	11,560	53.1	11,570	54.5	11,580
	230	49.2	10,250	50.8	10,260	52.2	10,270
	240	46.8	9,060	48.5	9,060	49.8	9,070
	250	44.4	7,960	46.0	7,960	47.3	7,980
	260	41.9	6,940	43.5	6,950	44.7	6,960
	270	39.2	6,020	40.8	6,030	41.9	6,040



# With 92HI Offset Tip Boom and 195,000 Pound Counterweight, #30 Jib

195 klb + 64 klb CB 

360°

ANSI B 30.5  
DIN/ISO

65' (19.8 m) Jib length							
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	60	81.9	46,040*	-	-	-	-
	70	80.2	43,270*	-	-	-	-
	80	78.5	40,730*	80.3	34,030*	-	-
	90	76.8	36,990*	78.6	32,710*	80.3	28,640*
	100	75.1	35,070*	76.9	31,430*	78.6	27,810*
	110	73.4	33,240*	75.2	30,130*	76.8	26,940*
	120	71.7	31,570*	73.4	28,820*	75.0	26,090*
	130	69.9	29,890*	71.7	27,510*	73.3	25,130*
	140	68.1	28,480*	69.9	26,310*	71.4	24,300*
	150	66.3	25,730	68.0	25,240*	69.6	23,370*
280' (85.3 m)	160	64.5	22,810	66.2	22,820	67.8	22,430*
	170	62.6	20,280	64.3	20,280	65.9	20,290
	180	60.7	18,030	62.4	18,030	63.9	18,040
	190	58.8	16,030	60.5	16,040	62.0	16,050
	200	56.8	14,250	58.5	14,250	60.0	14,260
	210	54.8	12,660	56.5	12,660	57.9	12,670
	220	52.7	11,200	54.4	11,210	55.8	11,220
	230	50.6	9,890	52.2	9,900	53.6	9,910
	240	48.4	8,690	50.0	8,700	51.3	8,710
	250	46.1	7,600	47.7	7,600	49.0	7,610
	260	43.7	6,590	45.3	6,600	46.5	6,610
	270	41.2	5,670	42.8	5,670	43.9	5,680
	280	38.6	4,740*	40.1	4,810	41.2	4,820

75' (22.9 m) Jib length							
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	50	81.8	42,120*	-	-	-	-
	60	79.6	36,150*	-	-	-	-
	70	77.4	35,050*	80.1	31,710*	-	-
	80	75.2	33,980*	77.9	30,930*	80.4	28,010*
	90	72.9	32,970*	75.6	30,010*	78.1	27,230*
	100	70.7	32,130*	73.3	29,180*	75.8	26,310*
190' (57.9 m)	110	68.3	31,330*	71.0	28,270*	73.4	24,710*
	120	66.0	30,210*	68.6	27,480*	71.0	23,350*
	130	63.6	29,320*	66.2	26,840*	68.6	22,140*
	140	61.1	28,390*	63.7	26,200*	66.1	21,120*
	150	58.6	27,630*	61.2	25,560*	63.5	20,100*
	160	56.0	26,880*	58.6	24,330*	60.8	19,250*
	170	53.3	24,870	55.9	23,080*	58.0	18,460*
	180	50.6	22,630	53.0	21,970*	55.2	17,780*
	190	47.6	20,650	50.1	20,660	52.2	17,170*
		51	81.9	42,160*	-	-	-
	60	80.0	36,290*	-	-	-	-
	70	77.9	35,250*	80.5	31,790*	-	-
	80	75.7	34,200*	78.3	31,060*	80.8	28,120*
	90	73.6	33,250*	76.2	30,210*	78.6	27,440*
	100	71.4	32,450*	74.0	29,350*	76.4	26,780*
	110	69.2	31,600*	71.7	28,580*	74.1	25,170*
	120	66.9	30,710*	69.5	27,760*	71.8	23,840*
200' (61.0 m)	130	64.6	29,660*	67.1	27,040*	69.4	22,620*
	140	62.3	28,780*	64.8	26,390*	67.0	21,530*
	150	59.9	28,020*	62.4	25,750*	64.6	20,590*
	160	57.4	26,840	59.9	25,030*	62.1	19,660*
	170	54.9	24,310	57.3	23,800*	59.5	18,900*
	180	52.3	22,080	54.7	22,080	56.8	18,220*
	190	49.5	20,090	51.9	20,090	54.0	17,600*
	200	46.7	18,320	49.1	18,330	51.0	17,020*

Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	52	82.0	42,170*	-	-	-	-
	60	80.3	36,440*	-	-	-	-
	70	78.3	35,310*	80.8	31,800*	-	-
	80	76.2	34,380*	78.8	31,060*	81.1	28,240*
	90	74.2	33,470*	76.7	30,480*	79.0	27,550*
	100	72.1	32,540*	74.5	29,540*	76.9	26,900*
210' (64.0 m)	110	69.9	31,720*	72.4	28,720*	74.7	25,680*
	120	67.8	30,940*	70.2	27,960*	72.5	24,230*
	130	65.6	30,040*	68.0	27,330*	70.2	23,070*
	140	63.3	29,160*	65.8	26,690*	67.9	21,940*
	150	61.1	28,340*	63.5	26,050*	65.6	21,000*
	160	58.7	26,320	61.1	25,520*	63.2	20,150*
	170	56.3	23,780	58.7	23,790	60.7	19,290*
	180	53.8	21,540	56.2	21,540	58.2	18,580*
	190	51.3	19,560	53.6	19,560	55.6	17,970*
	200	48.6	17,780	50.9	17,780	52.8	17,380*
210	45.8	16,180	48.1	16,190	49.9	16,200	



75' (22.9 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	54	81.9	41,850*	-	-	-	-		58	81.9	36,570*	-	-	-	-
	60	80.7	36,400*	-	-	-	-		60	81.5	36,570*	-	-	-	-
	70	78.7	36,400*	81.1	31,850*	-	-		70	79.8	35,660*	82.0	31,770*	-	-
	80	76.7	34,550*	79.1	31,120*	81.4	28,230*		80	78.0	34,770*	80.2	31,240*	-	-
	90	74.7	33,680*	77.1	30,500*	79.4	27,650*		90	76.2	33,950*	78.4	30,660*	80.4	27,910*
	100	72.7	32,760*	75.1	29,710*	77.3	27,010*		100	74.3	33,180*	76.5	30,030*	78.6	27,220*
	110	70.6	31,950*	73.0	28,940*	75.2	26,100*		110	72.5	32,410*	74.7	29,520*	76.7	26,680*
	120	68.6	31,180*	70.9	28,170*	73.1	24,730*		120	70.6	31,760*	72.8	28,750*	74.8	25,820*
220' (67.1 m)	130	66.5	30,420*	68.8	27,530*	71.0	23,480*		130	68.8	30,990*	70.9	28,110*	72.9	24,660*
	140	64.3	29,500*	66.7	26,880*	68.8	22,350*		140	66.8	30,350*	69.0	27,460*	70.9	23,510*
	150	62.1	28,680*	64.5	26,240*	66.5	21,410*	250' (76.2 m)	150	64.9	27,280*	67.0	26,930*	69.0	22,520*
	160	59.9	25,780*	62.2	25,710*	64.3	20,550*		160	62.9	24,390*	65.0	24,390*	66.9	21,590*
	170	57.6	23,240*	59.9	23,250*	61.9	19,700*	170	60.9	21,840*	63.0	21,840*	64.9	20,830*	
	180	55.3	21,010*	57.5	21,010*	59.5	19,020*	180	58.9	19,590*	61.0	19,600*	62.8	19,610*	
	190	52.8	19,020*	55.1	19,020*	57.0	18,330*	190	56.8	17,610*	58.8	17,610*	60.6	17,620*	
	200	50.3	17,250*	52.5	17,250*	54.4	17,260*	200	54.6	15,830*	56.7	15,830*	58.4	15,840*	
	210	47.7	15,650*	49.9	15,650*	51.7	15,660*	210	52.4	14,220*	54.4	14,230*	56.2	14,240*	
	220	45.0	14,200*	47.1	14,210*	48.9	14,220*	220	50.1	12,780*	52.1	12,790*	53.8	12,800*	
								230	47.7	11,480*	49.7	11,480*	51.4	11,490*	
								240	45.3	10,280*	47.2	10,280*	48.8	10,300*	
								250	42.7	9,180*	44.6	9,190*	46.2	9,200*	
	55	81.9	41,460*	-	-	-	-		59	82.0	40,950*	-	-	-	-
	60	81.0	36,350*	-	-	-	-		60	81.8	40,880*	-	-	-	-
	70	79.1	36,350*	81.4	31,700*	-	-		70	80.1	35,560*	-	-	-	-
	80	77.2	34,540*	79.5	31,100*	81.7	28,290*		80	78.3	34,830*	80.5	31,120*	-	-
	90	75.2	33,730*	77.6	30,480*	79.8	27,710*		90	76.6	33,980*	78.7	30,580*	80.7	27,880*
	100	73.3	32,830*	75.6	29,860*	77.8	27,090*		100	74.8	33,260*	76.9	30,020*	78.9	27,410*
	110	71.3	32,060*	73.6	29,200*	75.8	26,500*		110	73.0	32,490*	75.1	29,490*	77.1	26,760*
	120	69.3	31,290*	71.6	28,440*	73.7	25,120*		120	71.2	31,860*	73.3	29,020*	75.3	26,220*
230' (70.1 m)	130	67.3	30,640*	69.6	27,690*	71.7	23,880*		130	69.4	31,220*	71.5	28,260*	73.4	24,950*
	140	65.2	29,880*	67.5	27,060*	69.6	22,750*		140	67.6	30,130*	69.7	27,740*	71.5	23,910*
	150	63.1	28,350*	65.4	26,540*	67.4	21,810*	260' (79.2 m)	150	65.7	26,770*	67.8	26,770*	69.6	22,870*
	160	61.0	25,440*	63.2	25,440*	65.2	20,870*		160	63.8	23,860*	65.9	23,860*	67.7	21,930*
	170	58.8	22,900*	61.0	22,910*	63.0	20,110*	170	61.9	21,310*	63.9	21,320*	65.7	21,150*	
	180	56.6	20,660*	58.8	20,670*	60.7	19,330*	180	59.9	19,080*	61.9	19,080*	63.7	19,090*	
	190	54.3	18,680*	56.4	18,680*	58.3	18,690*	190	57.9	17,080*	59.9	17,090*	61.7	17,100*	
	200	51.9	16,910*	54.0	16,910*	55.9	16,920*	200	55.8	15,300*	57.8	15,300*	59.6	15,310*	
	210	49.4	15,310*	51.6	15,310*	53.3	15,320*	210	53.7	13,690*	55.7	13,700*	57.4	13,710*	
	220	46.9	13,860*	49.0	13,860*	50.7	13,870*	220	51.5	12,250*	53.5	12,260*	55.2	12,270*	
	230	44.2	12,550*	46.3	12,560*	47.9	12,570*	230	49.3	10,940*	51.2	10,950*	52.9	10,960*	
								240	47.0	9,750*	48.9	9,750*	50.5	9,760*	
								250	44.6	8,650*	46.4	8,660*	48.0	8,670*	
								260	42.0	7,650*	43.9	7,650*	45.3	7,660*	
	57	81.8	36,690*	-	-	-	-		61	81.9	40,500*	-	-	-	-
	60	81.3	36,690*	-	-	-	-		70	80.4	35,600*	-	-	-	-
	70	79.4	35,470*	81.7	31,730*	-	-		80	78.7	34,750*	80.7	31,080*	-	-
	80	77.6	34,600*	79.8	31,110*	82.0	28,270*		90	77.0	34,000*	79.0	30,600*	81.0	27,750*
	90	75.7	33,790*	78.0	30,520*	80.1	27,820*		100	75.3	33,230*	77.3	30,120*	79.3	27,390*
	100	73.8	33,040*	76.1	29,890*	78.2	27,220*		110	73.5	32,600*	75.6	29,510*	77.5	26,940*
	110	71.9	32,170*	74.2	29,300*	76.2	26,590*		120	71.8	31,970*	73.8	29,110*	75.7	26,410*
	120	70.0	31,520*	72.2	28,660*	74.3	25,510*		130	70.0	31,190*	72.1	28,470*	73.9	25,340*
240' (73.2 m)	130	68.0	30,870*	70.3	27,900*	72.3	24,270*		140	68.3	29,600*	70.3	27,830*	72.1	24,200*
	140	66.1	30,230*	68.3	27,260*	70.3	23,140*		150	66.5	26,240*	68.5	26,250*	70.3	23,180*
	150	64.0	27,830*	66.2	26,730*	68.2	22,120*	270' (82.3 m)	160	64.6	23,330*	66.6	23,340*	68.4	22,330*
	160	62.0	24,920*	64.2	24,930*	66.1	21,280*		170	62.8	20,790*	64.7	20,790*	66.5	20,800*
	170	59.9	22,390*	62.1	22,390*	64.0	20,420*	180	60.9	18,550*	62.8	18,550*	64.6	18,560*	
	180	57.8	20,140*	59.9	20,150*	61.8	19,740*	190	58.9	16,550*	60.9	16,560*	62.6	16,570*	
	190	55.6	18,160*	57.7	18,160*	59.5	18,170*	200	57.0	14,770*	58.9	14,770*	60.6	14,780*	
	200	53.3	16,380*	55.4	16,380*	57.2	16,390*	210	54.9	13,170*	56.9	13,170*	58.5	13,180*	
	210	51.0	14,780*	53.1	14,790*	54.8	14,800*	220	52.9	11,720*	54.8	11,730*	56.4	11,740*	
	220	48.6	13,340*	50.6	13,340*	52.3	13,350*	230	50.7	10,400*	52.6	10,410*	54.2	10,420*	
	230	46.0	12,030*	48.1	12,030*	49.7	12,050*	240	48.5	9,200*	50.4	9,210*	52.0	9,220*	
	240	43.4	10,830*	45.4	10,840*	47.0	10,850*	250	46.2	8,110*	48.1	8,110*	49.6	8,120*	
								260	43.9	7,100*	45.7	7,110*	47.1	7,120*	
								270	41.4	6,180*	43.2	6,180*	44.5	6,200*	



# With 92HI Offset Tip Boom and 195,000 Pound Counterweight, #30 Jib

195 klb + 64 klb CB 

360°

ANSI B 30.5  
DIN/ISO

85' (25.9 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	56	81.9	29,950*	-	-	-	-		60	81.9	29,610*	-	-	-	-
	60	81.1	29,570*	-	-	-	-		70	80.2	28,870*	-	-	-	-
	70	79.2	28,600*	81.9	25,320*	-	-		80	78.5	28,010*	80.9	24,860*	-	-
	80	77.3	27,700*	80.0	24,430*	-	-		90	76.7	27,270*	79.1	24,060*	81.4	21,250*
	90	75.4	26,890*	78.0	23,680*	80.6	21,040*		100	75.0	26,540*	77.4	23,360*	79.6	20,710*
	100	73.4	26,170*	76.1	22,920*	78.6	20,540*		110	73.2	25,880*	75.6	22,640*	77.8	20,300*
	110	71.5	25,200*	74.1	22,190*	76.5	20,040*		120	71.4	25,130*	73.8	22,030*	76.0	19,780*
	120	69.5	24,270*	72.1	21,590*	74.5	19,530*		130	69.6	24,310*	71.9	21,520*	74.1	19,380*
220' (67.1 m)	130	67.4	23,540*	70.0	20,990*	72.4	19,080*	250' (76.2 m)	140	67.7	23,500*	70.1	20,930*	72.3	19,010*
	140	65.4	22,740*	68.0	20,490*	70.3	18,700*		150	65.9	22,860*	68.2	20,420*	70.3	18,630*
	150	63.3	22,040*	65.9	19,900*	68.2	18,310*		160	64.0	22,160*	66.3	20,000*	68.4	18,330*
	160	61.1	21,380*	63.7	19,480*	66.0	17,860*		170	62.0	21,560*	64.3	19,500*	66.4	18,030*
	170	59.0	20,780*	61.5	19,040*	63.7	17,160*		180	60.1	19,790	62.4	19,160*	64.4	17,410*
	180	56.7	20,190*	59.2	18,590*	61.4	16,500*		190	58.0	17,790	60.3	17,800	62.4	16,820*
	190	54.4	19,210*	56.9	18,210*	59.1	15,940*		200	56.0	16,010	58.3	16,010	60.2	16,020
	200	52.0	17,430	54.5	17,430	56.6	15,370*		210	53.9	14,410	56.1	14,420	58.1	14,430
	210	49.6	15,830	52.0	15,830	54.1	14,880*		220	51.7	12,960	53.9	12,970	55.8	12,980
	220	47.0	14,390	49.4	14,390	51.4	14,410		230	49.5	11,650	51.7	11,660	53.5	11,670
									240	47.1	10,460	49.3	10,460	51.1	10,470
									250	44.7	9,370	46.9	9,380	48.6	9,390
	57	82.0	29,730*	-	-	-	-		62	81.8	29,520*	-	-	-	-
	60	81.4	29,540*	-	-	-	-		70	80.5	28,860*	-	-	-	-
	70	79.6	28,640*	-	-	-	-		80	78.8	28,160*	81.2	24,880*	-	-
	80	77.7	27,810*	80.3	24,580*	-	-		90	77.1	27,400*	79.5	24,200*	81.7	21,320*
	90	75.9	27,040*	78.4	23,770*	80.9	21,170*		100	75.4	26,610*	77.7	23,440*	80.0	20,790*
	100	74.0	26,220*	76.5	23,050*	78.9	20,560*		110	73.7	25,960*	76.0	22,800*	78.2	20,370*
	110	72.1	25,490*	74.6	22,350*	77.0	20,100*		120	71.9	25,320*	74.3	22,190*	76.4	19,860*
	120	70.2	24,550*	72.7	21,750*	75.0	19,670*		130	70.2	24,490*	72.5	21,590*	74.6	19,520*
230' (70.1 m)	130	68.2	23,740*	70.7	21,140*	73.0	19,240*	260' (79.2 m)	140	68.4	23,770*	70.7	21,080*	72.8	19,090*
	140	66.2	22,990*	68.7	20,640*	71.0	18,830*		150	66.6	23,060*	68.9	20,570*	71.0	18,760*
	150	64.2	22,290*	66.7	20,130*	69.0	18,450*		160	64.8	22,410*	67.0	20,150*	69.1	18,380*
	160	62.2	21,690*	64.6	19,620*	66.9	18,070*		170	62.9	21,500	65.2	19,720*	67.2	18,080*
	170	60.1	21,010*	62.5	19,200*	64.7	17,530*		180	61.0	19,260	63.3	19,260	65.3	17,700*
	180	57.9	20,510*	60.4	18,790*	62.5	16,860*		190	59.1	17,260	61.3	17,270	63.3	17,080*
	190	55.7	18,860	58.1	18,420*	60.3	16,240*		200	57.1	15,490	59.3	15,490	61.3	15,510
	200	53.5	17,080	55.9	17,080	57.9	15,670*		210	55.1	13,890	57.3	13,890	59.2	13,900
	210	51.1	15,480	53.5	15,490	55.5	15,170*		220	53.0	12,430	55.2	12,440	57.1	12,450
	220	48.7	14,050	51.1	14,050	53.0	14,060		230	50.9	11,120	53.0	11,130	54.9	11,140
	230	46.2	12,730	48.5	12,730	50.4	12,750		240	48.7	9,920	50.8	9,930	52.6	9,940
									250	46.4	8,840	48.5	8,840	50.2	8,850
									260	44.0	7,830	46.1	7,840	47.8	7,850
	59	81.9	29,690*	-	-	-	-		63	81.9	29,470*	-	-	-	-
	60	81.7	29,570*	-	-	-	-		70	80.8	28,890*	-	-	-	-
	70	79.9	28,760*	-	-	-	-		80	79.1	28,100*	81.4	24,780*	-	-
	80	78.1	27,870*	80.6	24,670*	-	-		90	77.5	27,400*	79.8	24,230*	81.9	21,340*
	90	76.3	27,090*	78.8	23,930*	81.2	21,170*		100	75.8	26,690*	78.1	23,620*	80.2	20,850*
	100	74.5	26,380*	77.0	23,190*	79.3	20,690*		110	74.2	26,050*	76.4	22,910*	78.5	20,430*
	110	72.6	25,690*	75.1	22,570*	77.4	20,160*		120	72.5	25,500*	74.7	22,350*	76.8	20,010*
	120	70.8	24,850*	73.2	21,900*	75.5	19,730*		130	70.8	24,780*	73.0	21,750*	75.1	19,580*
240' (73.2 m)	130	68.9	24,010*	71.3	21,300*	73.6	19,290*	270' (82.3 m)	140	69.0	24,060*	71.3	21,230*	73.3	19,150*
	140	67.0	23,300*	69.4	20,780*	71.7	18,880*		150	67.3	23,330*	69.5	20,720*	71.6	18,810*
	150	65.1	22,600*	67.5	20,270*	69.7	18,580*		160	65.5	22,720*	67.7	20,290*	69.8	18,510*
	160	63.1	21,940*	65.5	19,840*	67.7	18,200*		170	63.7	20,980	65.9	19,880*	67.9	18,210*
	170	61.1	21,340*	63.5	19,360*	65.6	17,820*		180	61.9	18,730	64.1	18,740	66.1	17,920*
	180	59.0	20,320	61.4	19,000*	63.5	17,120*		190	60.0	16,740	62.2	16,740	64.2	16,750
	190	56.9	18,340	59.3	18,340	61.4	16,530*		200	58.2	14,950	60.3	14,960	62.2	14,970
	200	54.8	16,560	57.1	16,560	59.1	15,970*		210	56.2	13,360	58.4	13,360	60.2	13,370
	210	52.6	14,960	54.9	14,970	56.9	14,980		220	54.2	11,900	56.4	11,910	58.2	11,920
	220	50.3	13,510	52.6	13,520	54.5	13,530		230	52.2	10,590	54.3	10,600	56.1	10,610
	230	47.9	12,210	50.2	12,210	52.1	12,220		240	50.1	9,390	52.2	9,400	53.9	9,410
	240	45.4	11,020	47.7	11,020	49.5	11,040		250	47.9	8,290	50.0	8,300	51.7	8,310
									260	45.7	7,290	47.7	7,290	49.4	7,310
									270	43.3	6,360	45.3	6,370	47.0	6,380

95' (29.0 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	61	81.9	24,720*	-	-	-	-		64	81.9	24,540*	-	-	-	-
	70	80.4	23,920*	-	-	-	-		70	80.9	24,100*	-	-	-	-
	80	78.6	23,200*	81.3	19,790*	-	-		80	79.3	23,430*	81.8	19,960*	-	-
	90	76.9	22,440*	79.6	19,150*	-	-		90	77.6	22,670*	80.2	19,300*	-	-
	100	75.1	21,540*	77.8	18,480*	80.4	16,260*		100	76.0	21,960*	78.5	18,680*	80.9	16,360*
	110	73.3	20,730*	76.0	17,880*	78.5	15,830*		110	74.3	21,110*	76.8	18,140*	79.2	15,970*
	120	71.5	19,960*	74.2	17,330*	76.7	15,450*		120	72.6	20,340*	75.1	17,600*	77.5	15,590*
	130	69.7	19,250*	72.4	16,880*	74.8	15,060*		130	70.9	19,650*	73.4	17,070*	75.8	15,210*
	140	67.9	18,600*	70.5	16,360*	73.0	14,690*		140	69.2	18,970*	71.7	16,620*	74.0	14,830*
240' (73.2 m)	150	66.0	17,990*	68.6	15,910*	71.1	14,380*		150	67.4	18,410*	69.9	16,200*	72.2	14,570*
	160	64.1	17,370*	66.7	15,540*	69.1	14,120*	260' (79.2 m)	160	65.7	17,800*	68.1	15,750*	70.4	14,250*
	170	62.2	16,850*	64.8	15,160*	67.1	13,810*		170	63.9	17,260*	66.3	15,370*	68.6	13,960*
	180	60.2	16,400*	62.8	14,790*	65.1	13,540*		180	62.0	16,810*	64.5	15,050*	66.7	13,710*
	190	58.2	15,910*	60.8	14,420*	63.0	13,330*		190	60.2	16,360*	62.6	14,690*	64.8	13,500*
	200	56.1	15,460*	58.7	14,110*	60.9	13,120*		200	58.3	15,600*	60.7	14,380*	62.9	13,230*
	210	54.0	15,070	56.5	13,860*	58.8	12,920*		210	56.4	14,000	58.8	14,000	60.9	13,030*
	220	51.8	13,630	54.4	13,540*	56.5	12,710*		220	54.4	12,550	56.8	12,560	58.8	12,570
	230	49.6	12,320	52.1	12,330	54.2	12,340		230	52.3	11,240	54.7	11,250	56.7	11,260
	240	47.3	11,130	49.7	11,130	51.8	11,150		240	50.2	10,040	52.6	10,050	54.6	10,060
									250	48.1	8,940	50.4	8,950	52.3	8,960
									260	45.8	7,950	48.1	7,950	50.0	7,970
	62	82.0	24,650*	-	-	-	-								
	70	80.6	24,100*	-	-	-	-								
	80	79.0	23,360*	81.6	19,870*	-	-								
	90	77.3	22,650*	79.9	19,220*	-	-								
	100	75.6	21,740*	78.2	18,630*	80.7	16,290*								
	110	73.8	20,960*	76.4	18,010*	78.9	15,860*								
	120	72.1	20,190*	74.7	17,480*	77.1	15,480*								
	130	70.3	19,420*	72.9	17,000*	75.3	15,100*								
250' (76.2 m)	140	68.5	18,810*	71.1	16,540*	73.5	14,790*								
	150	66.7	18,190*	69.3	16,090*	71.7	14,480*								
	160	64.9	17,590*	67.5	15,650*	69.8	14,160*								
	170	63.0	17,070*	65.6	15,270*	67.9	13,900*								
	180	61.2	16,580*	63.7	14,890*	65.9	13,620*	270' (82.3 m)	160	66.4	18,000*	68.8	15,910*	71.0	14,310*
	190	59.2	16,140*	61.7	14,580*	64.0	13,420*		170	64.6	17,470*	67.0	15,540*	69.2	14,060*
	200	57.2	15,690*	59.7	14,260*	61.9	13,200*		180	62.9	16,990*	65.3	15,160*	67.4	13,800*
	210	55.2	14,530	57.7	13,940*	59.9	13,000*		190	61.1	16,540*	63.5	14,850*	65.6	13,580*
	220	53.2	13,080	55.6	13,090	57.7	12,790*		200	59.3	15,070	61.6	14,540*	63.7	13,320*
	230	51.0	11,770	53.4	11,780	55.5	11,790		210	57.4	13,470	59.8	13,470	61.8	13,110*
	240	48.8	10,570	51.2	10,580	53.2	10,590		220	55.5	12,020	57.8	12,030	59.9	12,040
	250	46.5	9,480	48.9	9,480	50.9	9,500		230	53.5	10,710	55.9	10,720	57.9	10,730
									240	51.5	9,510	53.8	9,520	55.8	9,530
									250	49.5	8,410	51.8	8,420	53.7	8,430
									260	47.3	7,400	49.6	7,410	51.5	7,420
									270	45.1	6,480	47.4	6,480	49.2	6,500



# Notes to lifting capacity

## Warning

This rating chart is invalid if the crane has been modified or altered by use of other than GENUINE AMERICAN PARTS as such modifications or alterations may affect its capacity or safe operation. See American Crane Corporation Service Bulletin #259.

Ratings in this chart are in POUNDS and do not exceed the percentage of tipping specified for this crane by ANSI B30.5. All ratings require that the crane be standing level on a firm uniformly supporting surface.

Do not lift loads in excess of those shown on this chart. Lifting loads in excess of those shown or operation not in accordance with good operating practice, including limitations shown on page 3499 of Operator's Manual, can cause tipping, structural damage or catastrophic failure.

Asterisk (\*) areas on this chart indicate ratings which are limited by strength of material or factors other than stability (tipping).

„RADIUS IN FEET“ is the horizontal distance at ground level from the crane centerline of rotation to a vertical line through the center of gravity of the suspended load.

When using the main boom fall with jib in place, the main fall ratings must be reduced by the jib effective weight shown on the jib rating chart plus twice the weight of all suspended blocks, slings, rope, etc., at the jib fall. See Appendix A.

Blocks, slings, buckets and other load carrying devices are considered part of the load. The weight of standard hoisting ropes for the rating at a given radius has been calculated as part of the boom point load and need not be considered in determining net allowable loads. See Appendix A.

Ratings shown on this chart make no allowance for such factors as out of plumb loads, wind, poor soil conditions and dynamic effects due to excessive operating speeds. The user (operator) must exercise judgement to make allowance for these conditions. See page 3499 of Operator's Manual for detailed information.

No account is taken of the wind force on the load. This effect, which can be substantial for loads with large surface areas, must be considered by the user. In any wind it is strongly recommended that taglines be used to control the load.

Combinations of boom or boom and jib with a total length exceeding 350 ft (107 m) can be operated at full rated capacity only in wind speeds of 15 mph (24 km/h) or less. If lifts are to be performed in winds between 15 mph (24 km/h) and 25 mph (40 km/h), ratings must be reduced 10%. No operation of the above combinations should be attempted in wind speeds over 40 km/h (25 mph). The above limitations do not take into account loads with excessive surface area which are not restrained by tag lines.

BOOM HOIST LINE is 18 parts of 7/8 inch diameter 6 x 26, WS, FW, RAL, IWRC, EIPS wire rope with a minimum breaking strength of 79,600 pounds.

BOOM PENDANT SUSPENSION is 4 parts of 1-3/8 inch diameter EEIPS wire rope with a minimum breaking strength of 211,000 pounds.

JIB BACKSTAY LINE is 1.0 inch diameter wire rope with a minimum breaking strength of 115,000 pounds.

JIB FRONTSTAY PENDANT SUSPENSION is 2 parts of 1.0 inch diameter wire rope with a minimum breaking strength of 115,000 pounds.

WHIPLINE is 1-1/8 inch diameter 6 x 25, FW, RRL, IWRC, EEIPS wire rope with a minimum breaking strength of 143,000 pounds.

## ERECTION

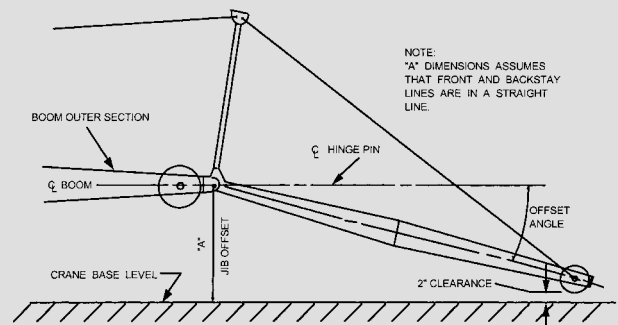
Erection „BLOCKED OVER THE END“ is with the boom over the idler end with idler tumbler blocked (See operator's manual for blocking instructions). Erection „OVER THE SIDE“ is with the boom 90° to the side frames. Blocks, slings and other load carrying devices must be on the ground during erection.

92HI OFFSET TIP BOOM MAXIMUM BOOM & JIB SELF-ERECTION DATA		
	BOOM LENGTH (FEET)	JIB LENGTH
		#30 JIB (FEET)
BLOCKED OVER THE END	300	0
	290	0
	280	65
	270	95
OVER THE SIDE	280	0
	270	0
	260	35
	250	65
	240	95

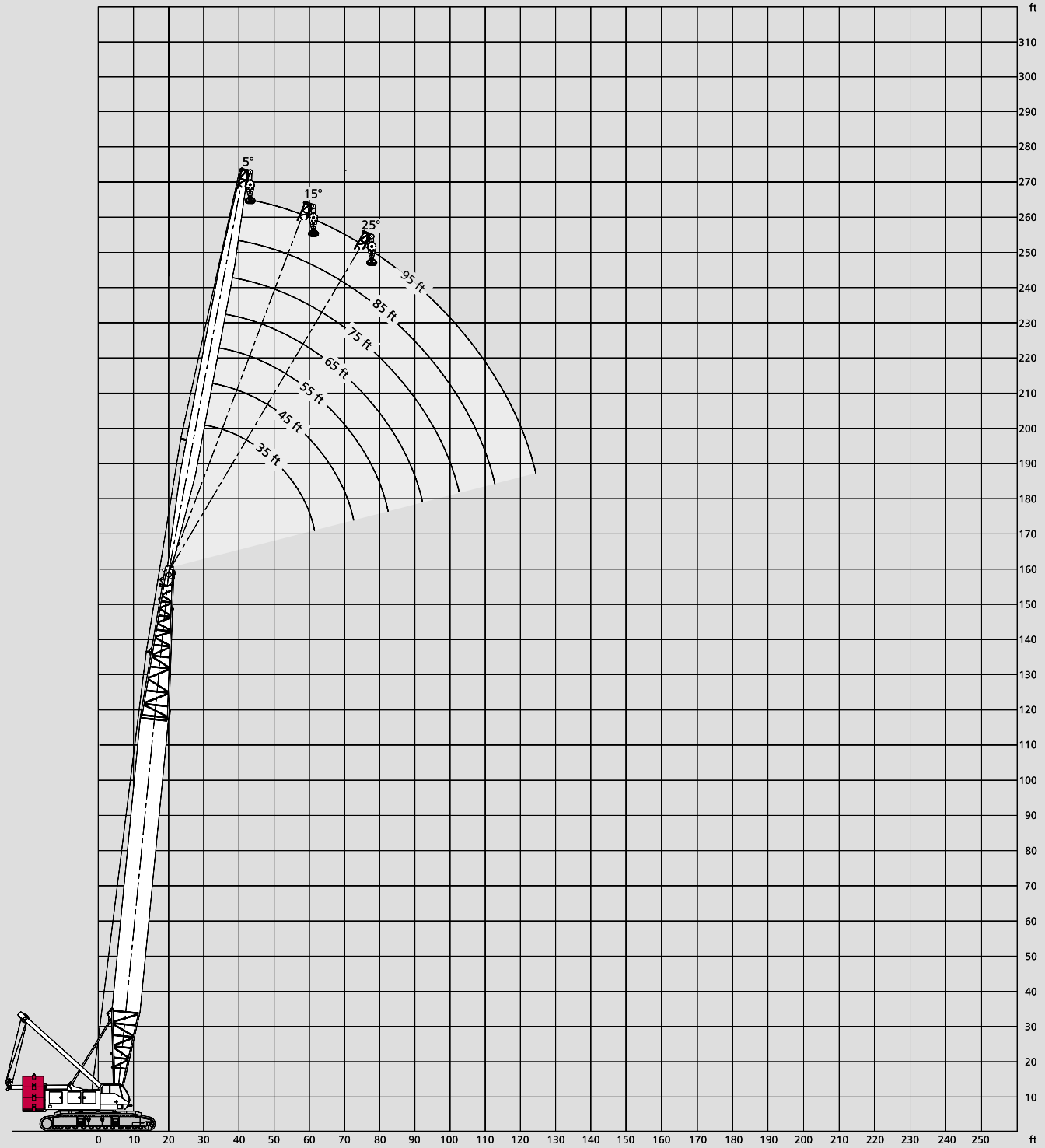
LOAD HOISTING INFORMATION - 1-1/8 inch diameter EEIPS wire rope			
MAXIMUM LIFTING CAPACITY - LBS.	MINIMUM PARTS OF LINE	MAXIMUM HOISTING DISTANCE - FEET	
		MAIN HOIST	AUX HOIST
60,000	2	655	655
40,850	1	1,310	1,310

BOOM COMPOSITION CHART - 92HI OFFSET TIP						
BOOM LENGTH (FEET)	BOOM SECTIONS					
	25' 92HI INNER	15' 92HT CENTER	20' 92HT CENTER	10' 92ST CENTER	50' 92ST CENTER	40' 92H OUTER
90	1	1	0	1	0	1
100	1	1	1	0	0	1
110	1	1	1	1	0	1
120	1	1	1	2	0	1
130	1	1	0	0	1	1
140	1	1	0	1	1	1
150	1	1	1	0	1	1
160	1	1	1	1	1	1
170	1	1	1	2	1	1
180	1	1	0	0	2	1
190	1	1	0	1	2	1
200	1	1	1	0	2	1
210	1	1	1	1	2	1
220	1	1	1	2	2	1
230	1	1	0	0	3	1
240	1	1	0	1	3	1
250	1	1	1	0	3	1
260	1	1	1	1	3	1
270	1	1	1	2	3	1
280	1	1	0	0	4	1

#30 JIB COMPOSITION CHART								
JIB LENGTH (FEET)	12.5' 32	10' 32	30' 32	12.5' 32	EFF. JIB WEIGHT (POUNDS)	JIB OFFSET "A" IN FEET		
	INNER	CENTER	CENTER	OUTER		5'	15'	25'
35	1	1	0	1	5,430	4.7	9.1	13.4
45	1	2	0	1	6,020	5.4	11.0	16.6
55	1	0	1	1	6,360	6.0	12.9	19.6
65	1	1	1	1	6,900	6.6	14.8	22.8
75	1	2	1	1	7,460	7.3	16.6	25.8
85	1	0	2	1	7,750	7.9	18.5	28.0
95	1	1	2	1	8,440	8.5	20.3	31.9



# Range Diagram, 16HL Jib



# With 92HI Offset Tip Boom and 195,000 Pound Counterweight, 16HL Jib

195 klb + 64 klb CB 

360°

ANSI B 30.5  
DIN/ISO

40' (12.2 m) Jib length																
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	
100' (30.5 m)	28	82.0	32,000*	-	-	-	-	150' (45.7 m)	35	82.0	32,000*	-	-	-	-	
	30	81.2	32,000*	-	-	-	-		40	80.5	32,000*	-	-	-	-	
	35	79.1	32,000*	81.8	32,000*	-	-		50	77.4	32,000*	79.4	32,000*	81.3	32,000*	
	40	77.0	32,000*	79.7	32,000*	-	-		60	74.3	32,000*	76.3	32,000*	78.1	30,460*	
	50	72.8	32,000*	75.5	32,000*	78.0	30,670*		70	71.2	32,000*	73.1	32,000*	74.9	28,070*	
	60	68.5	32,000*	71.2	32,000*	73.6	27,430*		80	68.0	32,000*	69.9	32,000*	71.7	26,030*	
	70	64.0	32,000*	66.7	32,000*	69.1	24,910*		90	64.7	32,000*	66.6	32,000*	68.3	24,300*	
	80	59.4	32,000*	62.0	29,470*	64.3	22,820*		100	61.3	32,000*	63.2	30,030*	64.9	22,810*	
	90	54.5	31,700*	57.0	26,670*	59.3	21,190*		110	57.8	32,000*	59.7	27,810*	61.3	21,610*	
	100	49.3	28,690*	51.8	24,440*	53.9	19,820*		120	54.1	31,290*	56.0	25,990*	57.6	20,530*	
110' (33.5 m)	30	81.8	32,000*	-	-	-	-	160' (48.8 m)	130	50.3	29,020*	52.1	24,460*	53.7	19,620*	
	35	79.8	32,000*	-	-	-	-		140	46.2	27,050*	48.0	23,100*	49.5	18,880*	
	40	77.9	32,000*	80.4	32,000*	-	-		150	41.9	25,430*	43.6	21,930*	44.9	18,220*	
	50	74.0	32,000*	76.5	32,000*	78.9	31,340*		170' (51.8 m)	37	81.8	32,000*	-	-	-	-
	60	70.0	32,000*	72.5	32,000*	74.8	28,110*			40	80.9	32,000*	-	-	-	-
	70	65.9	32,000*	68.3	32,000*	70.6	25,570*			50	78.0	32,000*	79.9	32,000*	81.7	32,000*
	80	61.6	32,000*	64.1	30,800*	66.2	23,580*			60	75.1	32,000*	77.0	32,000*	78.8	31,030*
	90	57.2	32,000*	59.6	27,890*	61.7	21,870*			70	72.1	32,000*	74.0	32,000*	75.7	28,620*
	100	52.5	30,320*	54.8	25,620*	56.9	20,550*			80	69.1	32,000*	71.0	32,000*	72.7	26,540*
	110	47.5	27,820*	49.8	23,760*	51.7	19,370*			90	66.0	32,000*	67.9	32,000*	69.5	24,790*
120' (36.6 m)	31	81.9	32,000*	-	-	-	-	100		62.9	32,000*	64.7	31,040*	66.3	23,340*	
	35	80.5	32,000*	-	-	-	-	110		59.6	32,000*	61.4	28,840*	63.0	22,150*	
	40	78.7	32,000*	81.0	32,000*	-	-	120		56.2	32,000*	58.0	26,860*	59.5	21,030*	
	50	75.0	32,000*	77.4	32,000*	79.6	31,870*	130	52.7	30,320*	54.4	25,290*	55.9	20,090*		
	60	71.3	32,000*	73.6	32,000*	75.8	28,830*	140	48.9	28,300*	50.7	23,910*	52.1	19,270*		
	70	67.5	32,000*	69.8	32,000*	71.9	26,330*	150	45.0	26,570*	46.7	22,660*	48.0	18,610*		
	80	63.6	32,000*	65.8	32,000*	67.9	24,280*	160	40.8	25,050*	42.4	21,660*	43.6	18,040*		
	90	59.5	32,000*	61.7	29,170*	63.7	22,510*	180' (54.9 m)	38	81.9	32,000*	-	-	-	-	
	100	55.2	32,000*	57.4	26,840*	59.4	21,180*		40	81.4	32,000*	-	-	-	-	
	110	50.7	29,310*	52.9	24,830*	54.7	19,940*		50	78.6	32,000*	80.4	32,000*	-	-	
120	45.9	27,090*	48.0	23,210*	49.7	18,970*	60		75.8	32,000*	77.6	32,000*	79.3	31,380*		
130' (39.6 m)	33	81.7	32,000*	-	-	-	-		70	73.0	32,000*	74.8	32,000*	76.5	29,030*	
	35	81.0	32,000*	-	-	-	-		80	70.1	32,000*	71.9	32,000*	73.5	27,030*	
	40	79.3	32,000*	81.6	32,000*	-	-		90	67.2	32,000*	69.0	32,000*	70.6	25,360*	
	50	75.9	32,000*	78.1	32,000*	80.2	32,000*		100	64.2	32,000*	66.0	32,000*	67.5	23,860*	
	60	72.4	32,000*	74.6	32,000*	76.7	29,380*		110	61.2	32,000*	62.9	29,730*	64.4	22,550*	
	70	68.9	32,000*	71.0	32,000*	73.1	26,940*		120	58.0	32,000*	59.7	27,740*	61.2	21,480*	
	80	65.2	32,000*	67.4	32,000*	69.3	24,910*	130	54.7	31,490*	56.4	26,130*	57.8	20,560*		
	90	61.4	32,000*	63.6	30,420*	65.5	23,180*	140	51.3	29,460*	52.9	24,700*	54.3	19,710*		
	100	57.5	32,000*	59.6	27,890*	61.5	21,730*	150	47.7	27,650*	49.3	23,420*	50.6	18,960*		
	110	53.4	30,920*	55.5	25,900*	57.3	20,510*	160	43.9	26,030*	45.4	22,350*	46.7	18,370*		
120	49.1	28,400*	51.1	24,090*	52.8	19,550*	170	39.7	24,710*	41.3	21,370*	42.4	17,880*			
130	44.4	26,400*	46.4	22,670*	48.0	18,690*	190' (57.9 m)	40	81.8	32,000*	-	-	-	-		
140' (42.7 m)	34	81.8	32,000*	-	-	-		-	50	79.1	32,000*	80.9	32,000*	-	-	
	35	81.5	32,000*	-	-	-		-	60	76.5	32,000*	78.2	32,000*	79.8	31,900*	
	40	79.9	32,000*	-	-	-		-	70	73.8	32,000*	75.5	32,000*	77.1	29,550*	
	50	76.7	32,000*	78.8	32,000*	80.8		32,000*	80	71.1	32,000*	72.8	32,000*	74.3	27,460*	
	60	73.4	32,000*	75.5	32,000*	77.5		29,930*	90	68.3	32,000*	70.0	32,000*	71.5	25,840*	
	70	70.1	32,000*	72.2	32,000*	74.1		27,510*	100	65.5	32,000*	67.2	32,000*	68.6	24,340*	
	80	66.7	32,000*	68.7	32,000*	70.6		25,480*	110	62.6	32,000*	64.2	30,600*	65.7	23,050*	
	90	63.2	32,000*	65.2	31,530*	67.0		23,770*	120	59.6	32,000*	61.2	28,630*	62.7	21,920*	
	100	59.5	32,000*	61.5	28,920*	63.3		22,360*	130	56.5	32,000*	58.2	26,970*	59.5	20,990*	
	110	55.8	32,000*	57.7	26,840*	59.4	21,100*	140	53.4	30,580*	54.9	25,380*	56.3	20,060*		
120	51.8	29,900*	53.7	25,050*	55.4	20,060*	150	50.0	28,800*	51.6	24,080*	52.9	19,330*			
130	47.6	27,730*	49.5	23,540*	51.1	19,140*	160	46.5	27,160*	48.1	22,950*	49.3	18,690*			
140	43.1	25,860*	44.9	22,270*	46.4	18,380*	170	42.8	25,310	44.3	22,010*	45.4	18,120*			
								180	38.8	23,120	40.2	21,090*	41.3	17,720*		



40' (12.2 m) Jib length

Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	41	81.9	32,000*	-	-	-	-
	50	79.6	32,000*	81.3	32,000*	-	-
	60	77.1	32,000*	78.7	32,000*	80.3	32,000*
	70	74.5	32,000*	76.2	32,000*	77.7	29,920*
	80	71.9	32,000*	73.6	32,000*	75.0	27,900*
	90	69.3	32,000*	70.9	32,000*	72.4	26,270*
190' (57.9 m)	100	66.6	32,000*	68.2	32,000*	69.7	24,770*
	110	63.9	32,000*	65.5	31,500*	66.9	23,470*
	120	61.1	32,000*	62.6	29,410*	64.0	22,360*
	130	58.2	32,000*	59.7	27,680*	61.1	21,370*
	140	55.2	31,780*	56.7	26,220*	58.0	20,480*
	150	52.1	29,840*	53.6	24,840*	54.9	19,720*
	160	48.9	27,270	50.3	23,620*	51.5	19,050*
	170	45.4	24,760	46.9	22,640*	48.0	18,490*
	180	41.8	22,560	43.2	21,730*	44.3	18,020*
	190	37.9	20,620	39.2	20,630	40.2	17,590*

	42	82.0	32,000*	-	-	-	-
	50	80.0	32,000*	81.6	32,000*	-	-
	60	77.6	32,000*	79.2	32,000*	80.7	32,000*
	70	75.2	32,000*	76.8	32,000*	78.2	30,350*
	80	72.7	32,000*	74.3	32,000*	75.7	28,360*
	90	70.2	32,000*	71.7	32,000*	73.2	26,650*
	100	67.6	32,000*	69.2	32,000*	70.6	25,160*
	110	65.0	32,000*	66.6	32,000*	67.9	23,930*
200' (61.0 m)	120	62.4	32,000*	63.9	30,230*	65.2	22,730*
	130	59.7	32,000*	61.1	28,480*	62.4	21,770*
	140	56.8	32,000*	58.3	26,890*	59.6	20,910*
	150	53.9	29,560	55.4	25,490*	56.6	20,090*
	160	50.9	26,690	52.3	24,300*	53.5	19,380*
	170	47.8	24,190	49.2	23,220*	50.3	18,800*
	180	44.4	21,980	45.8	21,980	46.9	18,260*
	190	40.9	20,030	42.2	20,030	43.2	17,810*
	200	37.0	18,290	38.3	18,300	39.3	17,450*

	44	81.8	32,000*	-	-	-	-
	50	80.4	32,000*	82.0	32,000*	-	-
	60	78.1	32,000*	79.6	32,000*	81.1	32,000*
	70	75.8	32,000*	77.3	32,000*	78.7	30,690*
	80	73.4	32,000*	74.9	32,000*	76.3	28,780*
	90	71.0	32,000*	72.5	32,000*	73.9	27,090*
	100	68.6	32,000*	70.1	32,000*	71.4	25,630*
	110	66.1	32,000*	67.6	32,000*	68.9	24,270*
210' (64.0 m)	120	63.6	32,000*	65.0	31,010*	66.3	23,180*
	130	61.0	32,000*	62.4	29,260*	63.7	22,170*
	140	58.3	32,000*	59.8	27,670*	61.0	21,300*
	150	55.6	29,020	57.0	26,200*	58.2	20,500*
	160	52.8	26,150	54.1	24,950*	55.3	19,740*
	170	49.8	23,640	51.2	23,640	52.3	19,130*
	180	46.7	21,430	48.1	21,440	49.1	18,550*
	190	43.5	19,470	44.8	19,470	45.8	18,080*
	200	40.0	17,730	41.3	17,740	42.2	17,720*
	210	36.2	16,170	37.5	16,180	38.3	16,200

Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	45	81.9	32,000*	-	-	-	-
	50	80.8	32,000*	-	-	-	-
	60	78.6	32,000*	80.1	32,000*	81.4	32,000*
	70	76.3	32,000*	77.8	32,000*	79.1	31,000*
	80	74.1	32,000*	75.5	32,000*	76.8	29,160*
	90	71.8	32,000*	73.2	32,000*	74.5	27,440*
	100	69.4	32,000*	70.9	32,000*	72.2	26,050*
	110	67.1	32,000*	68.5	32,000*	69.8	24,670*
220' (67.1 m)	120	64.7	32,000*	66.1	31,910*	67.3	23,520*
	130	62.2	32,000*	63.6	29,980*	64.8	22,510*
	140	59.7	31,800	61.1	28,360*	62.3	21,630*
	150	57.1	28,480	58.4	26,850*	59.6	20,770*
	160	54.4	25,600	55.8	25,600	56.9	20,070*
	170	51.7	23,080	53.0	23,090	54.1	19,450*
	180	48.8	20,860	50.1	20,870	51.1	18,910*
	190	45.8	18,910	47.0	18,920	48.1	18,360*
	200	42.6	17,170	43.8	17,180	44.8	17,190
	210	39.2	15,600	40.4	15,610	41.3	15,630
	220	35.5	14,200	36.7	14,210	37.5	14,220

	47	81.8	32,000*	-	-	-	-
	50	81.2	32,000*	-	-	-	-
	60	79.0	32,000*	80.4	32,000*	81.7	32,000*
	70	76.9	32,000*	78.3	32,000*	79.6	31,380*
	80	74.7	32,000*	76.1	32,000*	77.4	29,500*
	90	72.5	32,000*	73.9	32,000*	75.1	27,790*
	100	70.2	32,000*	71.6	32,000*	72.9	26,310*
	110	68.0	32,000*	69.3	32,000*	70.6	25,090*
230' (70.1 m)	120	65.7	32,000*	67.0	32,000*	68.2	23,870*
	130	63.3	32,000*	64.7	30,760*	65.8	22,850*
	140	60.9	31,470	62.2	29,060*	63.4	21,960*
	150	58.5	28,140	59.8	27,570*	60.9	21,130*
	160	55.9	25,260	57.2	25,270	58.3	20,400*
	170	53.3	22,760	54.6	22,760	55.7	19,770*
	180	50.6	20,540	51.9	20,550	52.9	19,160*
	190	47.8	18,570	49.1	18,580	50.1	18,590
	200	44.9	16,830	46.1	16,840	47.0	16,850
	210	41.7	15,260	42.9	15,270	43.8	15,280
	220	38.4	13,860	39.6	13,870	40.4	13,880
	230	34.8	12,590	35.9	12,600	36.7	12,620

	48	81.9	32,000*	-	-	-	-
	50	81.5	32,000*	-	-	-	-
	60	79.4	32,000*	80.8	32,000*	-	-
	70	77.3	32,000*	78.7	32,000*	79.9	31,640*
	80	75.2	32,000*	76.6	32,000*	77.8	29,840*
	90	73.1	32,000*	74.4	32,000*	75.7	28,170*
	100	71.0	32,000*	72.3	32,000*	73.5	26,690*
	110	68.8	32,000*	70.1	32,000*	71.3	25,370*
	120	66.6	32,000*	67.9	32,000*	69.1	24,250*
	130	64.3	32,000*	65.6	31,430*	66.8	23,200*
240' (73.2 m)	140	62.0	30,950	63.3	29,770*	64.5	22,320*
	150	59.7	27,610	61.0	27,620	62.1	21,460*
	160	57.3	24,730	58.6	24,740	59.6	20,770*
	170	54.8	22,220	56.1	22,220	57.1	20,070*
	180	52.3	20,000	53.5	20,010	54.5	19,440*
	190	49.6	18,040	50.9	18,050	51.8	18,060
	200	46.9	16,280	48.1	16,290	49.0	16,300
	210	44.0	14,720	45.2	14,730	46.1	14,740
	220	40.9	13,300	42.1	13,310	43.0	13,330
	230	37.7	12,030	38.8	12,040	39.6	12,060
	240	34.2	10,880	35.2	10,890	36.0	10,910



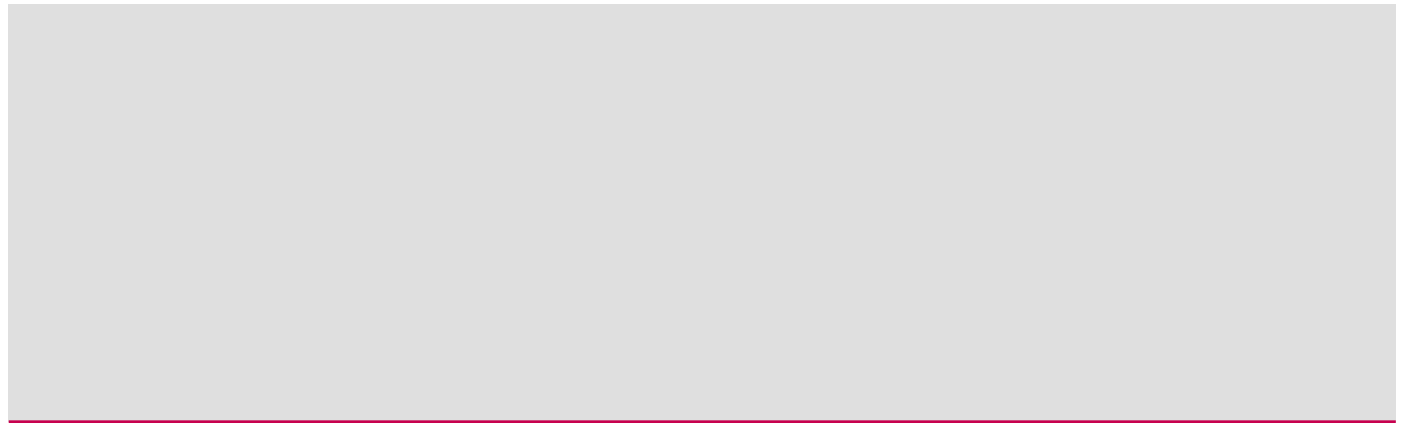
# With 92HI Offset Tip Boom and 195,000 Pound Counterweight, 16HL Jib

195 klb + 64 klb CB 

360°

ANSI B 30.5  
DIN/ISO

40' (12.2 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	49	82.0	32,000*	-	-	-	-		52	81.9	32,000*	-	-	-	-
	50	81.8	32,000*	-	-	-	-		60	80.4	32,000*	81.7	32,000*	-	-
	60	79.8	32,000*	81.1	32,000*	-	-		70	78.6	32,000*	79.8	32,000*	80.9	32,000*
	70	77.8	32,000*	79.1	32,000*	80.3	32,000*		80	76.7	32,000*	77.9	32,000*	79.0	30,770*
	80	75.7	32,000*	77.0	32,000*	78.3	30,190*		90	74.8	32,000*	76.0	32,000*	77.1	29,160*
	90	73.7	32,000*	75.0	32,000*	76.2	28,550*		100	72.9	32,000*	74.1	32,000*	75.2	27,660*
	100	71.6	32,000*	72.9	32,000*	74.1	27,060*		110	70.9	32,000*	72.1	32,000*	73.2	26,420*
	110	69.6	32,000*	70.8	32,000*	72.0	25,740*		120	69.0	32,000*	70.2	32,000*	71.2	25,190*
	120	67.4	32,000*	68.7	32,000*	69.8	24,560*		130	67.0	32,000*	68.2	32,000*	69.2	24,180*
	130	65.3	32,000*	66.5	32,000*	67.7	23,590*		140	64.9	29,310	66.1	29,320	67.2	23,310*
250' (76.2 m)	140	63.1	30,390	64.3	30,340*	65.4	22,600*	270' (82.3 m)	150	62.9	25,970	64.1	25,980	65.1	22,390*
	150	60.9	27,050	62.1	27,060	63.2	21,770*		160	60.8	23,090	62.0	23,100	63.0	21,610*
	160	58.6	24,170	59.8	24,170	60.8	21,050*		170	58.7	20,570	59.8	20,570	60.8	20,590
	170	56.2	21,650	57.4	21,660	58.5	20,400*		180	56.5	18,350	57.6	18,350	58.6	18,370
	180	53.8	19,430	55.0	19,440	56.0	19,450		190	54.2	16,370	55.3	16,380	56.3	16,390
	190	51.3	17,470	52.5	17,480	53.5	17,490		200	51.9	14,620	53.0	14,620	53.9	14,640
	200	48.7	15,710	49.9	15,720	50.8	15,730		210	49.5	13,040	50.6	13,040	51.5	13,060
	210	46.0	14,140	47.2	14,150	48.1	14,160		220	47.0	11,620	48.1	11,630	48.9	11,640
	220	43.2	12,720	44.3	12,730	45.2	12,740		230	44.4	10,340	45.5	10,340	46.3	10,360
	230	40.2	11,450	41.3	11,450	42.1	11,470		240	41.7	9,170	42.7	9,170	43.5	9,190
240	37.0	10,290	38.1	10,300	38.8	10,310	250	38.8	8,100	39.8	8,110	40.6	8,130		
250	33.5	9,230	34.6	9,240	35.2	9,260	260	35.7	7,140	36.7	7,150	37.4	7,160		
	51	81.9	32,000*	-	-	-	-		270	32.4	6,250	33.4	6,260	33.9	6,280
	60	80.1	32,000*	81.4	32,000*	-	-								
	70	78.2	32,000*	79.4	32,000*	80.6	32,000*		54	81.8	32,000*	-	-	-	-
	80	76.2	32,000*	77.5	32,000*	78.7	30,420*		60	80.7	32,000*	81.9	32,000*	-	-
	90	74.3	32,000*	75.5	32,000*	76.7	28,790*		70	78.9	32,000*	80.1	32,000*	81.2	32,000*
	100	72.3	32,000*	73.5	32,000*	74.7	27,420*		80	77.1	32,000*	78.3	32,000*	79.4	30,960*
	110	70.3	32,000*	71.5	32,000*	72.6	26,050*		90	75.3	32,000*	76.4	32,000*	77.5	29,370*
	120	68.2	32,000*	69.5	32,000*	70.6	24,950*		100	73.4	32,000*	74.6	32,000*	75.7	27,940*
	130	66.2	32,000*	67.4	32,000*	68.5	23,860*		110	71.5	32,000*	72.7	32,000*	73.8	26,660*
	140	64.1	29,850	65.3	29,860	66.3	22,930*		120	69.6	32,000*	70.8	32,000*	71.8	25,520*
260' (79.2 m)	150	61.9	26,520	63.1	26,520	64.2	22,100*		130	67.7	32,000*	68.9	32,000*	69.9	24,480*
	160	59.7	23,630	60.9	23,640	61.9	21,370*		140	65.8	28,950	66.9	28,950	67.9	23,600*
	170	57.5	21,110	58.7	21,120	59.7	20,660*	280' (85.3 m)	150	63.8	25,610	64.9	25,620	65.9	22,670*
	180	55.2	18,890	56.4	18,890	57.3	18,900		160	61.8	22,730	62.9	22,730	63.9	21,970*
	190	52.8	16,920	54.0	16,930	54.9	16,940		170	59.7	20,200	60.9	20,210	61.8	20,220
	200	50.4	15,170	51.5	15,170	52.4	15,190		180	57.6	17,980	58.7	17,990	59.7	18,000
	210	47.8	13,590	49.0	13,600	49.9	13,610		190	55.5	16,010	56.6	16,020	57.5	16,030
	220	45.2	12,170	46.3	12,180	47.2	12,200		200	53.3	14,250	54.4	14,250	55.3	14,270
	230	42.4	10,890	43.5	10,900	44.3	10,920		210	51.0	12,680	52.1	12,680	53.0	12,690
	240	39.5	9,730	40.5	9,740	41.3	9,750		220	48.7	11,260	49.7	11,260	50.6	11,280
250	36.4	8,670	37.4	8,680	38.1	8,700	230		46.2	9,970	47.3	9,980	48.1	9,990	
260	33.0	7,710	33.9	7,720	34.6	7,740	240		43.7	8,800	44.7	8,800	45.5	8,820	
								250	41.0	7,730	42.0	7,740	42.7	7,750	
								260	38.2	6,760	39.2	6,770	39.8	6,780	
								270	35.1	5,870	36.1	5,880	36.7	5,900	
								280	31.9	4,680*	32.8	4,940*	33.3	5,090	





40' (12.2 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	55	81.9	32,000*	-	-	-	-		56	82.0	32,000*	-	-	-	-
	60	81.0	32,000*	-	-	-	-		60	81.3	32,000*	-	-	-	-
	70	79.3	32,000*	80.4	32,000*	81.5	32,000*		70	79.6	32,000*	80.7	32,000*	81.8	32,000*
	80	77.5	32,000*	78.6	32,000*	79.7	31,320*		80	77.9	32,000*	79.0	32,000*	80.0	31,530*
	90	75.7	32,000*	76.9	32,000*	77.9	29,730*		90	76.1	32,000*	77.3	32,000*	78.3	29,940*
	100	73.9	32,000*	75.1	32,000*	76.1	28,280*		100	74.4	32,000*	75.5	32,000*	76.5	28,470*
	110	72.1	32,000*	73.2	32,000*	74.3	26,990*		110	72.7	32,000*	73.8	32,000*	74.8	27,250*
	120	70.3	32,000*	71.4	32,000*	72.4	25,780*		120	70.9	32,000*	72.0	32,000*	73.0	26,170*
	130	68.4	32,000*	69.6	32,000*	70.6	24,810*		130	69.1	31,790	70.2	31,790	71.2	25,030*
	140	66.6	28,430	67.7	28,430	68.7	23,830*		140	67.3	27,890	68.4	27,890	69.3	24,090*
	150	64.7	25,090	65.8	25,090	66.7	22,970*		150	65.4	24,540	66.5	24,540	67.5	23,320*
	160	62.7	22,200	63.8	22,210	64.8	22,210*		160	63.6	21,650	64.6	21,660	65.6	21,670
290' (88.4 m)	170	60.7	19,680	61.8	19,680	62.8	19,700	300' (91.4 m)	170	61.7	19,120	62.7	19,130	63.7	19,140
	180	58.7	17,450	59.8	17,450	60.7	17,460		180	59.8	16,890	60.8	16,900	61.7	16,910
	190	56.7	15,480	57.7	15,480	58.7	15,490		190	57.8	14,920	58.8	14,930	59.7	14,940
	200	54.6	13,720	55.6	13,730	56.5	13,740		200	55.8	13,150	56.8	13,160	57.7	13,170
	210	52.4	12,130	53.5	12,140	54.3	12,150		210	53.7	11,580	54.7	11,580	55.6	11,590
	220	50.2	10,710	51.2	10,720	52.1	10,730		220	51.6	10,150	52.6	10,160	53.4	10,170
	230	47.9	9,420	48.9	9,430	49.7	9,450		230	49.4	8,850	50.4	8,860	51.2	8,870
	240	45.5	8,250	46.5	8,260	47.3	8,270		240	47.1	7,680	48.1	7,690	48.9	7,710
	250	43.0	7,190	44.0	7,200	44.7	7,210		250	44.8	6,610	45.7	6,620	46.5	6,630
	260	40.3	6,210	41.3	6,220	42.0	6,240		260	42.3	5,560*	43.3	5,640	44.0	5,650
	270	37.6	5,210*	38.5	5,330	39.2	5,350	270	39.7	4,360*	40.7	4,640*	41.3	4,760	
	280	34.6	4,010*	35.5	4,270*	36.1	4,460*	280	37.0	3,210*	37.9	3,480*	38.5	3,670*	
	290	31.4	2,830*	32.2	3,080*	32.8	3,240*								

50' (15.2 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	35	81.8	32,000*	-	-	-	-		38	81.8	32,000*	-	-	-	-
	40	80.2	32,000*	-	-	-	-		40	81.2	32,000*	-	-	-	-
	50	77.0	31,320*	79.6	28,880*	-	-		50	78.3	31,720*	80.7	29,000*	-	-
	60	73.7	30,180*	76.3	27,950*	78.8	25,020*		60	75.4	30,630*	77.7	28,270*	80.0	25,820*
130' (39.6 m)	70	70.4	29,140*	73.0	27,200*	75.4	22,960*		70	72.4	29,660*	74.7	27,530*	76.9	23,800*
	80	66.9	28,190*	69.5	26,560*	71.9	21,180*		80	69.4	28,820*	71.7	26,870*	73.8	22,000*
	90	63.4	27,440*	66.0	25,820*	68.3	19,660*	150' (45.7 m)	90	66.3	27,930*	68.6	26,290*	70.7	20,510*
	100	59.8	26,620*	62.3	23,700*	64.6	18,410*		100	63.1	27,250*	65.4	25,310*	67.4	19,300*
	110	56.0	26,010*	58.5	21,930*	60.7	17,400*		110	59.8	26,600*	62.1	23,480*	64.1	18,240*
120	52.1	24,520*	54.5	20,470*	56.6	16,470*	120		56.4	26,010*	58.7	21,900*	60.6	17,300*	
130	47.9	22,710*	50.3	19,200*	52.3	15,710*	130		52.9	24,810*	55.1	20,570*	57.0	16,510*	
	36	81.9	32,000*	-	-	-	-		140	49.2	23,190*	51.4	19,400*	53.2	15,760*
	40	80.7	32,000*	-	-	-	-		150	45.2	21,780*	47.4	18,400*	49.1	15,230*
	50	77.7	31,450*	80.2	28,930*	-	-		39	81.9	32,000*	-	-	-	-
	60	74.6	30,350*	77.1	28,110*	79.4	25,490*		40	81.6	32,000*	-	-	-	-
140' (42.7 m)	70	71.4	29,470*	73.9	27,330*	76.2	23,390*		50	78.9	31,880*	81.1	29,090*	-	-
	80	68.2	28,510*	70.7	26,690*	72.9	21,640*		60	76.1	30,800*	78.3	28,270*	80.5	26,160*
	90	64.9	27,640*	67.4	26,040*	69.6	20,140*		70	73.2	29,820*	75.5	27,610*	77.6	24,160*
	100	61.6	26,990*	63.9	24,490*	66.1	18,890*		80	70.4	29,050*	72.6	26,970*	74.7	22,430*
	110	58.1	26,240*	60.4	22,680*	62.5	17,780*	160' (48.8 m)	90	67.5	28,160*	69.7	26,430*	71.7	20,930*
	120	54.4	25,650*	56.7	21,180*	58.8	16,890*		100	64.5	27,500*	66.7	25,900*	68.6	19,710*
	130	50.6	23,830*	52.9	19,910*	54.8	16,120*		110	61.4	26,840*	63.6	24,200*	65.5	18,580*
	140	46.5	22,230*	48.8	18,780*	50.6	15,450*		120	58.2	26,190*	60.4	22,630*	62.3	17,670*
									130	55.0	25,700*	57.1	21,260*	58.9	16,840*
									140	51.5	24,160*	53.6	20,050*	55.4	16,140*
									150	47.9	22,670*	50.0	18,980*	51.7	15,490*
									160	44.1	21,300*	46.1	18,100*	47.7	14,990*



# With 92HI Offset Tip Boom and 195,000 Pound Counterweight, 16HL Jib

195 klb + 64 klb CB 

360°

ANSI B 30.5  
DIN/ISO

50' (15.2 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	40	82.0	32,000*	-	-	-	-		46	81.9	32,000*	-	-	-	-
	50	79.4	31,920*	81.5	29,150*	-	-		50	81.0	32,000*	-	-	-	-
	60	76.7	30,970*	78.9	28,390*	80.9	26,390*		60	78.8	31,360*	80.6	28,540*	-	-
	70	74.0	30,100*	76.2	27,700*	78.2	24,420*		70	76.5	30,590*	78.4	27,920*	80.1	25,680*
	80	71.3	29,230*	73.4	27,060*	75.4	22,790*		80	74.3	29,860*	76.1	27,450*	77.8	24,000*
	90	68.5	28,430*	70.6	26,480*	72.6	21,300*		90	72.0	29,110*	73.8	26,880*	75.4	22,570*
170' (51.8 m)	100	65.7	27,710*	67.8	26,010*	69.7	20,030*		100	69.6	28,410*	71.4	26,440*	73.1	21,320*
	110	62.8	27,110*	64.9	24,930*	66.7	18,960*		110	67.3	27,840*	69.0	25,970*	70.6	20,270*
	120	59.8	26,440*	61.9	23,300*	63.7	17,990*	210' (64.0 m)	120	64.9	27,250*	66.6	25,580*	68.2	19,290*
	130	56.8	25,920*	58.8	21,900*	60.6	17,200*		130	62.4	26,690*	64.1	24,290*	65.7	18,480*
	140	53.6	25,160*	55.6	20,710*	57.3	16,490*		140	59.9	26,230*	61.6	22,980*	63.1	17,690*
	150	50.2	23,590*	52.2	19,620*	53.9	15,850*		150	57.3	25,750*	59.0	21,790*	60.5	17,030*
	160	46.7	22,190*	48.7	18,650*	50.3	15,270*		160	54.6	25,390*	56.3	20,780*	57.7	16,420*
	170	43.0	21,000*	44.9	17,830*	46.4	14,800*		170	51.8	23,950*	53.5	19,830*	54.9	15,840*
	42	81.8	32,000*	-	-	-	-		180	49.0	21,740*	50.6	19,020*	52.0	15,360*
	50	79.8	32,000*	81.9	29,100*	-	-		190	45.9	19,790*	47.6	18,270*	48.9	14,940*
	60	77.3	31,060*	79.4	28,450*	81.3	26,390*		200	42.8	18,040*	44.3	17,630*	45.6	14,580*
	70	74.7	30,240*	76.8	27,760*	78.7	24,750*		210	39.4	16,480*	40.9	16,490*	42.1	14,290*
	80	72.1	29,390*	74.2	27,130*	76.1	23,150*		47	82.0	32,000*	-	-	-	-
	90	69.5	28,580*	71.5	26,660*	73.4	21,650*		50	81.3	32,000*	-	-	-	-
180' (54.9 m)	100	66.8	27,930*	68.8	26,120*	70.7	20,390*		60	79.2	31,420*	81.0	28,520*	-	-
	110	64.1	27,270*	66.1	25,670*	67.9	19,300*		70	77.0	30,750*	78.8	27,970*	80.4	25,850*
	120	61.3	26,700*	63.3	23,980*	65.0	18,380*		80	74.9	29,950*	76.6	27,480*	78.2	24,260*
	130	58.4	26,150*	60.3	22,510*	62.1	17,550*		90	72.6	29,210*	74.4	26,920*	76.0	22,850*
	140	55.4	25,600*	57.3	21,300*	59.0	16,800*		100	70.4	28,660*	72.1	26,510*	73.7	21,650*
	150	52.3	24,420*	54.2	20,190*	55.8	16,150*		110	68.1	27,990*	69.9	26,050*	71.4	20,520*
	160	49.1	22,980*	50.9	19,200*	52.5	15,580*	220' (67.1 m)	120	65.8	27,450*	67.5	25,630*	69.1	19,620*
	170	45.6	21,740*	47.5	18,350*	49.0	15,080*		130	63.5	26,900*	65.2	24,860*	66.7	18,700*
	180	42.0	20,700*	43.8	17,610*	45.2	14,660*		140	61.1	26,370*	62.8	23,560*	64.2	17,920*
	43	81.9	32,000*	-	-	-	-		150	58.6	26,000*	60.3	22,370*	61.7	17,300*
	50	80.3	32,000*	-	-	-	-		160	56.1	25,530*	57.7	21,240*	59.2	16,690*
	60	77.8	31,130*	79.8	28,510*	81.7	26,360*		170	53.5	23,410*	55.1	20,330*	56.5	16,080*
	70	75.4	30,280*	77.4	27,860*	79.2	25,130*		180	50.8	21,190*	52.4	19,430*	53.7	15,620*
	80	72.9	29,550*	74.9	27,230*	76.7	23,410*		190	48.0	19,220*	49.6	18,700*	50.8	15,160*
	90	70.4	28,840*	72.3	26,730*	74.1	21,980*		200	45.0	17,480*	46.6	17,490*	47.8	14,800*
190' (57.9 m)	100	67.8	28,150*	69.8	26,210*	71.5	20,720*		210	41.9	15,910*	43.4	15,920*	44.6	14,500*
	110	65.2	27,510*	67.2	25,790*	68.9	19,640*		220	38.6	14,510*	40.1	14,520*	41.2	14,210*
	120	62.6	26,880*	64.5	24,580*	66.2	18,720*		49	81.9	32,000*	-	-	-	-
	130	59.9	26,300*	61.7	23,160*	63.4	17,830*		50	81.7	32,000*	-	-	-	-
	140	57.0	25,890*	58.9	21,860*	60.5	17,100*		60	79.6	31,420*	81.3	28,460*	-	-
	150	54.1	25,320*	56.0	20,710*	57.5	16,410*		70	77.5	30,750*	79.2	28,040*	80.8	25,860*
	160	51.1	23,860*	52.9	19,750*	54.4	15,870*		80	75.4	30,010*	77.1	27,490*	78.7	24,490*
	170	48.0	22,550*	49.7	18,860*	51.2	15,330*		90	73.3	29,290*	75.0	27,050*	76.5	23,100*
	180	44.6	21,370*	46.4	18,070*	47.8	14,890*		100	71.1	28,680*	72.8	26,550*	74.3	21,880*
	190	41.1	20,380*	42.8	17,380*	44.1	14,540*		110	69.0	28,150*	70.6	26,140*	72.1	20,850*
	45	81.8	32,000*	-	-	-	-	230' (70.1 m)	120	66.8	27,530*	68.4	25,750*	69.9	19,840*
	50	80.6	32,000*	-	-	-	-		130	64.5	27,030*	66.1	25,340*	67.6	19,000*
	60	78.3	31,310*	80.2	28,520*	-	-		140	62.2	26,560*	63.8	24,060*	65.3	18,260*
	70	76.0	30,430*	77.9	27,950*	79.6	25,400*		150	59.9	26,100*	61.5	22,870*	62.9	17,510*
	80	73.6	29,640*	75.5	27,320*	77.2	23,740*		160	57.5	25,570*	59.1	21,790*	60.4	16,940*
	90	71.2	28,940*	73.1	26,770*	74.8	22,270*		170	55.0	23,070*	56.6	20,810*	57.9	16,320*
	100	68.8	28,280*	70.6	26,380*	72.3	21,100*		180	52.5	20,850*	54.0	19,930*	55.3	15,820*
	110	66.3	27,700*	68.1	25,870*	69.8	20,010*		190	49.8	18,890*	51.3	18,900*	52.6	15,380*
200' (61.0 m)	120	63.8	27,040*	65.6	25,240*	67.2	19,010*		200	47.1	17,130*	48.6	17,140*	49.8	15,010*
	130	61.2	26,570*	63.0	23,730*	64.6	18,130*		210	44.2	15,570*	45.7	15,580*	46.8	14,650*
	140	58.5	26,100*	60.3	22,430*	61.9	17,410*		220	41.1	14,160*	42.6	14,170*	43.7	14,190*
	150	55.8	25,620*	57.6	21,240*	59.1	16,730*		230	37.9	12,880*	39.3	12,890*	40.3	12,910*
	160	53.0	24,640*	54.7	20,290*	56.2	16,160*								
	170	50.0	23,340*	51.7	19,380*	53.2	15,600*								
	180	46.9	22,100*	48.6	18,530*	50.0	15,150*								
	190	43.7	20,350*	45.3	17,840*	46.6	14,760*								
	200	40.2	18,600*	41.8	17,220*	43.0	14,400*								

50' (15.2 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	50	81.9	32,000*	-	-	-	-		54	82.0	31,970*	-	-	-	-
	60	79.9	31,500*	81.6	28,480*	-	-		60	80.9	31,620*	-	-	-	-
	70	77.9	30,750*	79.6	28,030*	81.1	25,920*		70	79.1	30,990*	80.6	27,980*	82.0	25,820*
	80	75.9	30,090*	77.5	27,510*	79.1	24,770*		80	77.3	30,250*	78.7	27,580*	80.1	25,450*
	90	73.9	29,380*	75.5	27,080*	77.0	23,350*		90	75.4	29,720*	76.9	27,100*	78.3	24,060*
	100	71.8	28,790*	73.4	26,580*	74.9	22,200*		100	73.6	29,040*	75.0	26,760*	76.4	22,860*
	110	69.7	28,270*	71.3	26,200*	72.8	21,130*		110	71.7	28,490*	73.2	26,290*	74.5	21,850*
	120	67.6	27,660*	69.2	25,820*	70.6	20,100*		120	69.8	28,060*	71.2	25,990*	72.6	20,820*
240' (73.2 m)	130	65.4	27,230*	67.0	25,410*	68.4	19,260*		130	67.9	27,560*	69.3	25,640*	70.6	20,010*
	140	63.3	26,730*	64.8	24,580*	66.2	18,470*		140	65.9	27,070*	67.4	25,270*	68.6	19,230*
	150	61.0	26,220*	62.6	23,360*	63.9	17,790*	270' (82.3 m)	150	64.0	26,290*	65.4	24,770*	66.6	18,490*
	160	58.7	25,050*	60.3	22,300*	61.6	17,170*		160	61.9	23,410*	63.4	23,410*	64.6	17,830*
	170	56.4	22,530*	57.9	21,290*	59.2	16,560*	170	59.9	20,870*	61.3	20,880*	62.5	17,250*	
	180	54.0	20,310*	55.5	20,320*	56.8	16,050*	180	57.8	18,650*	59.2	18,660*	60.4	16,710*	
	190	51.5	18,350*	53.0	18,360*	54.2	15,600*	190	55.6	16,680*	57.0	16,690*	58.2	16,250*	
	200	48.9	16,600*	50.4	16,610*	51.6	15,230*	200	53.4	14,930*	54.8	14,940*	55.9	14,950*	
	210	46.2	15,020*	47.6	15,030*	48.8	14,840*	210	51.2	13,350*	52.5	13,350*	53.6	13,370*	
	220	43.4	13,610*	44.8	13,620*	45.9	13,640*	220	48.8	11,930*	50.1	11,930*	51.2	11,950*	
	230	40.4	12,340*	41.8	12,350*	42.8	12,360*	230	46.4	10,640*	47.7	10,650*	48.7	10,660*	
	240	37.2	11,180*	38.5	11,190*	39.5	11,210*	240	43.8	9,470*	45.1	9,480*	46.1	9,490*	
	250							250	41.2	8,400*	42.4	8,410*	43.4	8,430*	
	260							260	38.3	7,430*	39.6	7,440*	40.4	7,460*	
	270							270	35.3	6,540*	36.5	6,550*	37.3	6,570*	
	52	81.8	32,000*	-	-	-	-		56	81.9	31,660*	-	-	-	-
	60	80.3	31,550*	81.9	28,510*	-	-		60	81.2	31,490*	-	-	-	-
	70	78.3	30,930*	79.9	28,010*	81.4	25,860*		70	79.4	30,900*	80.9	27,920*	-	-
	80	76.4	30,140*	78.0	27,530*	79.4	25,010*		80	77.7	30,240*	79.1	27,470*	80.4	25,370*
	90	74.4	29,570*	76.0	27,090*	77.5	23,660*		90	75.9	29,630*	77.3	27,080*	78.6	24,320*
	100	72.4	28,990*	74.0	26,720*	75.4	22,400*		100	74.1	29,080*	75.5	26,650*	76.8	23,150*
	110	70.4	28,370*	72.0	26,230*	73.4	21,340*		110	72.3	28,540*	73.7	26,300*	75.0	22,050*
	120	68.4	27,810*	69.9	25,860*	71.3	20,400*		120	70.4	28,010*	71.8	25,890*	73.1	21,120*
	130	66.3	27,330*	67.8	25,560*	69.2	19,510*		130	68.6	27,510*	70.0	25,550*	71.3	20,180*
	140	64.2	26,900*	65.7	25,070*	67.1	18,700*		140	66.7	27,090*	68.1	25,310*	69.3	19,470*
250' (76.2 m)	150	62.1	26,420*	63.6	23,860*	64.9	18,050*	280' (85.3 m)	150	64.8	25,920*	66.2	24,960*	67.4	18,750*
	160	59.9	24,480*	61.4	22,750*	62.7	17,400*		160	62.9	23,030*	64.2	23,040*	65.5	18,070*
	170	57.6	21,960*	59.1	21,710*	60.4	16,790*	170	60.9	20,510*	62.3	20,520*	63.4	17,460*	
	180	55.3	19,750*	56.8	19,750*	58.1	16,340*	180	58.9	18,290*	60.2	18,290*	61.4	16,920*	
	190	53.0	17,780*	54.4	17,790*	55.7	15,820*	190	56.8	16,320*	58.2	16,320*	59.3	16,340*	
	200	50.5	16,030*	52.0	16,040*	53.2	15,430*	200	54.7	14,560*	56.0	14,570*	57.2	14,580*	
	210	48.0	14,450*	49.4	14,460*	50.6	14,470*	210	52.6	12,980*	53.9	12,980*	55.0	13,000*	
	220	45.4	13,040*	46.7	13,040*	47.8	13,060*	220	50.3	11,550*	51.6	11,560*	52.7	11,580*	
	230	42.6	11,760*	43.9	11,760*	45.0	11,780*	230	48.0	10,260*	49.3	10,270*	50.3	10,290*	
	240	39.6	10,590*	41.0	10,600*	42.0	10,620*	240	45.6	9,090*	46.9	9,100*	47.9	9,120*	
	250	36.5	9,530*	37.8	9,540*	38.7	9,560*	250	43.1	8,030*	44.4	8,040*	45.3	8,060*	
								260	40.5	7,050*	41.7	7,060*	42.6	7,080*	
								270	37.7	6,160*	38.9	6,170*	39.7	6,190*	
								280	34.7	5,230*	35.9	5,360*	36.7	5,380*	
	53	81.9	32,000*	-	-	-	-								
	60	80.6	31,550*	-	-	-	-								
	70	78.7	30,900*	80.3	27,990*	81.7	25,870*								
	80	76.8	30,200*	78.4	27,560*	79.8	25,250*								
	90	74.9	29,650*	76.5	27,100*	77.9	23,870*								
	100	73.0	28,990*	74.5	26,750*	75.9	22,670*								
	110	71.1	28,450*	72.6	26,260*	74.0	21,570*								
	120	69.1	27,890*	70.6	25,880*	72.0	20,630*								
	130	67.1	27,430*	68.6	25,520*	69.9	19,800*								
	140	65.1	27,030*	66.6	25,210*	67.9	18,990*								
260' (79.2 m)	150	63.0	26,560*	64.5	24,390*	65.8	18,250*								
	160	61.0	23,940*	62.4	23,180*	63.7	17,610*								
	170	58.8	21,420*	60.3	21,420*	61.5	17,080*								
	180	56.6	19,200*	58.0	19,210*	59.3	16,490*								
	190	54.4	17,230*	55.8	17,240*	57.0	16,030*								
	200	52.0	15,480*	53.4	15,490*	54.6	15,500*								
	210	49.7	13,900*	51.0	13,900*	52.2	13,920*								
	220	47.2	12,480*	48.5	12,490*	49.6	12,500*								
	230	44.6	11,200*	45.9	11,200*	47.0	11,220*								
	240	41.8	10,030*	43.2	10,040*	44.2	10,050*								
	250	39.0	8,960*	40.3	8,970*	41.2	8,990*								
	260	35.9	8,000*	37.1	8,010*	38.0	8,030*								



# With 92HI Offset Tip Boom and 195,000 Pound Counterweight, 16HL Jib

195 klb + 64 klb CB 

360°

ANSI B 30.5  
DIN/ISO

50' (15.2 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	57	81.9	31,620*	-	-	-	-		59	81.8	31,440*	-	-	-	-
	60	81.4	31,390*	-	-	-	-		60	81.7	31,440*	-	-	-	-
	70	79.7	30,860*	81.1	27,830*	-	-		70	80.0	30,790*	81.4	27,880*	-	-
	80	78.0	30,160*	79.4	27,420*	80.7	25,250*		80	78.4	30,320*	79.7	27,430*	81.0	25,220*
	90	76.3	29,590*	77.7	27,070*	79.0	24,510*		90	76.7	29,690*	78.0	27,070*	79.3	24,680*
	100	74.6	29,120*	75.9	26,650*	77.2	23,320*		100	75.0	29,120*	76.4	26,730*	77.6	23,480*
	110	72.8	28,570*	74.2	26,280*	75.4	22,250*		110	73.3	28,710*	74.6	26,340*	75.9	22,480*
	120	71.0	28,030*	72.4	25,980*	73.7	21,260*		120	71.6	28,190*	72.9	25,910*	74.1	21,500*
	130	69.2	27,550*	70.6	25,530*	71.8	20,470*		130	69.9	27,730*	71.2	25,590*	72.4	20,620*
	140	67.4	27,100*	68.8	25,280*	70.0	19,640*		140	68.1	27,280*	69.4	25,320*	70.6	19,860*
	150	65.6	25,400*	66.9	24,930*	68.1	18,920*		150	66.3	24,850*	67.6	24,850*	68.8	19,180*
	160	63.7	22,510*	65.1	22,520*	66.2	18,290*		160	64.5	21,960*	65.8	21,960*	67.0	18,500*
290' (88.4 m)	170	61.8	19,990*	63.2	19,990*	64.3	17,670*	300' (91.4 m)	170	62.7	19,430*	64.0	19,440*	65.1	17,930*
	180	59.9	17,750*	61.2	17,760*	62.4	17,160*		180	60.8	17,200*	62.1	17,200*	63.2	17,220*
	190	57.9	15,780*	59.2	15,790*	60.4	15,800*		190	58.9	15,230*	60.2	15,230*	61.3	15,250*
	200	55.9	14,020*	57.2	14,030*	58.3	14,040*		200	57.0	13,460*	58.3	13,460*	59.4	13,480*
	210	53.8	12,440*	55.1	12,440*	56.2	12,460*		210	55.0	11,880*	56.3	11,890*	57.3	11,900*
	220	51.7	11,010*	53.0	11,020*	54.0	11,040*		220	53.0	10,450*	54.2	10,460*	55.3	10,480*
	230	49.5	9,720*	50.8	9,730*	51.8	9,750*		230	50.9	9,160*	52.1	9,170*	53.2	9,180*
	240	47.3	8,550*	48.5	8,560*	49.5	8,580*		240	48.8	7,980*	50.0	7,990*	51.0	8,010*
	250	44.9	7,480*	46.1	7,490*	47.1	7,510*		250	46.5	6,900*	47.7	6,910*	48.7	6,930*
	260	42.4	6,500*	43.6	6,510*	44.6	6,530*		260	44.2	5,910*	45.4	5,940*	46.3	5,960*
	270	39.9	5,610*	41.0	5,620*	41.9	5,640*	270	41.8	4,750*	43.0	5,040*	43.8	5,060*	
	280	37.1	4,480*	38.3	4,800*	39.1	4,820*	280	39.3	3,630*	40.4	3,970*	41.2	4,220*	
	290	34.2	3,360*	35.3	3,670*	36.0	3,890*	290	36.6	2,570*	37.7	2,890*	38.4	3,120*	

60' (18.3 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	40	81.8	30,030*	-	-	-	-		43	81.8	29,870*	-	-	-	-
	50	79.1	28,950*	81.8	26,180*	-	-		50	80.0	29,150*	-	-	-	-
	60	76.3	27,870*	79.0	25,360*	81.6	22,670*		60	77.5	28,190*	80.0	25,510*	-	-
	70	73.5	26,880*	76.2	24,650*	78.7	20,790*		70	75.0	27,200*	77.4	24,870*	79.8	21,340*
150' (45.7 m)	80	70.6	25,950*	73.3	24,000*	75.8	19,280*		80	72.4	26,360*	74.8	24,190*	77.1	19,850*
	90	67.7	25,120*	70.4	23,320*	72.8	17,970*		90	69.7	25,550*	72.2	23,560*	74.4	18,510*
	100	64.7	24,360*	67.3	22,130*	69.8	16,830*	170' (51.8 m)	100	67.0	24,870*	69.5	23,060*	71.7	17,410*
	110	61.6	23,680*	64.2	20,490*	66.6	15,840*		110	64.3	24,190*	66.7	21,630*	68.9	16,440*
	120	58.5	23,060*	61.1	19,080*	63.4	15,030*		120	61.5	23,520*	63.9	20,230*	66.0	15,590*
130	55.2	21,770*	57.7	17,920*	60.0	14,290*	130		58.6	23,020*	61.0	19,010*	63.0	14,900*	
140	51.8	20,300*	54.3	16,860*	56.4	13,670*	140		55.6	21,950*	57.9	17,920*	60.0	14,210*	
	150	48.1	19,030*	50.6	15,990*	52.7	13,120*	150	52.5	20,520*	54.8	16,930*	56.8	13,670*	
	41	82.0	30,100*	-	-	-	-		160	49.3	19,280*	51.5	16,110*	53.4	13,150*
	50	79.6	29,040*	-	-	-	-		170	45.9	18,220*	48.1	15,360*	49.9	12,700*
	60	76.9	27,960*	79.5	25,480*	82.0	22,840*		44	81.9	29,770*	-	-	-	-
	70	74.3	27,100*	76.8	24,710*	79.3	21,050*		50	80.5	29,210*	-	-	-	-
	80	71.5	26,150*	74.1	24,050*	76.5	19,550*		60	78.0	28,160*	80.4	25,490*	-	-
	90	68.8	25,410*	71.3	23,490*	73.7	18,280*		70	75.6	27,270*	78.0	24,890*	80.2	21,580*
160' (48.8 m)	100	65.9	24,630*	68.5	22,760*	70.8	17,160*		80	73.1	26,450*	75.5	24,310*	77.7	20,130*
	110	63.0	23,910*	65.5	21,040*	67.8	16,160*		90	70.6	25,720*	72.9	23,710*	75.1	18,800*
	120	60.1	23,340*	62.5	19,690*	64.8	15,350*	180' (54.9 m)	100	68.1	25,010*	70.4	23,190*	72.5	17,680*
	130	57.0	22,620*	59.4	18,470*	61.6	14,590*		110	65.5	24,340*	67.8	22,220*	69.9	16,710*
	140	53.8	21,100*	56.2	17,420*	58.3	13,930*		120	62.8	23,770*	65.1	20,760*	67.1	15,880*
	150	50.5	19,730*	52.9	16,460*	54.9	13,370*		130	60.1	23,170*	62.3	19,470*	64.3	15,140*
	160	47.0	18,600*	49.3	15,670*	51.3	12,920*		140	57.2	22,710*	59.5	18,420*	61.5	14,480*
									150	54.3	21,240*	56.6	17,400*	58.5	13,920*
									160	51.3	19,970*	53.5	16,550*	55.4	13,380*
								170	48.2	18,880*	50.3	15,790*	52.1	12,920*	
								180	44.8	17,910*	46.9	15,150*	48.7	12,530*	

60' (18.3 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
190' (57.9 m)	45	82.0	29,710*	-	-	-	-	220' (67.1 m)	50	81.8	29,370*	-	-	-	-
	50	80.8	29,210*	-	-	-	-		60	79.8	28,600*	81.8	25,610*	-	-
	60	78.5	28,290*	80.8	25,540*	-	-		70	77.7	27,760*	79.7	25,090*	81.6	22,330*
	70	76.2	27,490*	78.5	24,940*	80.6	21,800*		80	75.6	27,080*	77.6	24,560*	79.5	20,940*
	80	73.8	26,660*	76.1	24,350*	78.2	20,350*		90	73.5	26,330*	75.5	24,050*	77.4	19,750*
	90	71.4	25,900*	73.7	23,770*	75.8	19,060*		100	71.3	25,710*	73.3	23,500*	75.2	18,630*
	100	69.0	25,230*	71.2	23,250*	73.3	17,920*		110	69.1	25,090*	71.1	23,090*	73.0	17,690*
	110	66.5	24,580*	68.7	22,760*	70.7	16,970*		120	66.9	24,550*	68.9	22,630*	70.7	16,870*
	120	64.0	23,950*	66.2	21,310*	68.2	16,120*		130	64.7	23,970*	66.7	21,430*	68.4	16,100*
	130	61.4	23,410*	63.6	20,020*	65.5	15,390*		140	62.4	23,420*	64.3	20,220*	66.1	15,410*
140	58.7	22,870*	60.9	18,830*	62.8	14,750*	150	60.1	22,950*	62.0	19,180*	63.7	14,850*		
150	56.0	22,030*	58.1	17,850*	60.0	14,150*	160	57.6	22,580*	59.6	18,280*	61.2	14,260*		
160	53.1	20,690*	55.3	17,020*	57.1	13,650*	170	55.2	21,460*	57.1	17,430*	58.7	13,800*		
170	50.2	19,520*	52.3	16,240*	54.0	13,160*	180	52.6	20,380*	54.5	16,690*	56.1	13,350*		
180	47.1	18,550*	49.2	15,530*	50.9	12,750*	190	50.0	19,380*	51.8	15,990*	53.4	12,950*		
190	43.9	17,640*	45.9	14,930*	47.5	12,400*	200	47.2	17,780*	49.1	15,410*	50.6	12,600*		
	47	81.9	29,610*	-	-	-	-	210	44.3	16,210*	46.1	14,890*	47.6	12,310*	
	50	81.2	29,340*	-	-	-	-	220	41.3	14,800*	43.0	14,400*	44.4	12,040*	
200' (61.0 m)	60	79.0	28,400*	81.2	25,630*	-	-	230' (70.1 m)	51	81.9	29,250*	-	-	-	-
	70	76.7	27,580*	78.9	24,990*	81.0	22,020*		60	80.1	28,490*	-	-	-	-
	80	74.4	26,870*	76.6	24,380*	78.7	20,570*		70	78.1	27,810*	80.1	25,000*	81.9	22,520*
	90	72.2	26,060*	74.3	23,910*	76.3	19,270*		80	76.1	27,090*	78.1	24,460*	79.9	21,120*
	100	69.8	25,380*	72.0	23,380*	74.0	18,220*		90	74.0	26,460*	76.0	24,010*	77.8	19,940*
	110	67.5	24,810*	69.6	22,900*	71.5	17,260*		100	72.0	25,760*	73.9	23,590*	75.7	18,840*
	120	65.0	24,210*	67.2	21,740*	69.1	16,370*		110	69.9	25,180*	71.8	23,110*	73.6	17,920*
	130	62.6	23,600*	64.7	20,510*	66.6	15,670*		120	67.8	24,580*	69.7	22,700*	71.4	17,080*
	140	60.1	23,100*	62.1	19,340*	64.0	14,970*		130	65.6	24,050*	67.5	21,820*	69.2	16,340*
	150	57.5	22,600*	59.5	18,310*	61.3	14,390*		140	63.4	23,600*	65.3	20,680*	67.0	15,610*
160	54.8	21,440*	56.8	17,430*	58.6	13,840*	150	61.2	23,140*	63.1	19,560*	64.7	15,000*		
170	52.0	20,240*	54.0	16,630*	55.8	13,390*	160	58.9	22,700*	60.8	18,640*	62.4	14,450*		
180	49.1	19,140*	51.1	15,940*	52.8	12,950*	170	56.5	22,130*	58.4	17,810*	60.0	13,970*		
190	46.1	18,260*	48.1	15,280*	49.7	12,580*	180	54.1	21,000*	56.0	17,010*	57.5	13,560*		
200	42.9	17,400*	44.9	14,720*	46.4	12,300*	190	51.6	19,180*	53.4	16,350*	55.0	13,120*		
	48	82.0	29,500*	-	-	-	-	200	49.0	17,430*	50.8	15,760*	52.3	12,760*	
	50	81.5	29,340*	-	-	-	-	210	46.3	15,860*	48.1	15,170*	49.5	12,470*	
60	79.4	28,510*	81.5	25,620*	-	-	220	43.5	14,440*	45.2	14,450*	46.6	12,190*		
70	77.2	27,670*	79.3	25,030*	81.3	22,180*	230	40.5	13,170*	42.2	13,180*	43.5	11,970*		
80	75.0	26,950*	77.1	24,420*	79.1	20,730*									
90	72.8	26,170*	74.9	23,920*	76.9	19,530*									
100	70.6	25,550*	72.7	23,500*	74.6	18,450*									
110	68.3	24,900*	70.4	22,980*	72.3	17,450*									
120	66.0	24,340*	68.1	22,290*	69.9	16,640*	240' (73.2 m)	52	82.0	29,120*	-	-	-	-	
130	63.7	23,830*	65.7	20,990*	67.5	15,870*		60	80.4	28,510*	-	-	-	-	
140	61.3	23,340*	63.3	19,770*	65.1	15,180*		70	78.5	27,780*	80.4	24,980*	-	-	
150	58.8	22,830*	60.8	18,750*	62.6	14,610*		80	76.6	27,120*	78.5	24,490*	80.2	21,330*	
160	56.3	22,070*	58.3	17,870*	60.0	14,070*		90	74.6	26,490*	76.5	24,010*	78.2	20,080*	
170	53.7	20,860*	55.6	17,010*	57.3	13,590*		100	72.6	25,920*	74.5	23,580*	76.2	19,070*	
180	51.0	19,790*	52.9	16,330*	54.5	13,170*		110	70.6	25,240*	72.5	23,210*	74.2	18,130*	
190	48.2	18,770*	50.1	15,640*	51.6	12,790*		120	68.6	24,700*	70.4	22,730*	72.1	17,290*	
200	45.2	17,900*	47.1	15,060*	48.6	12,450*		130	66.5	24,260*	68.3	22,300*	70.0	16,530*	
210	42.1	16,770*	43.9	14,550*	45.4	12,170*		140	64.4	23,730*	66.2	21,070*	67.9	15,860*	
							150	62.2	23,300*	64.1	20,030*	65.7	15,250*		
							160	60.0	22,860*	61.9	19,040*	63.4	14,670*		
							170	57.8	22,470*	59.6	18,140*	61.2	14,200*		
							180	55.5	20,610*	57.3	17,380*	58.8	13,710*		
							190	53.1	18,640*	54.9	16,700*	56.4	13,290*		
							200	50.7	16,890*	52.4	16,050*	53.9	12,920*		
							210	48.2	15,320*	49.9	15,330*	51.3	12,630*		
							220	45.5	13,910*	47.2	13,910*	48.6	12,350*		
							230	42.7	12,630*	44.4	12,640*	45.7	12,070*		
							240	39.8	11,460*	41.4	11,470*	42.6	11,490*		





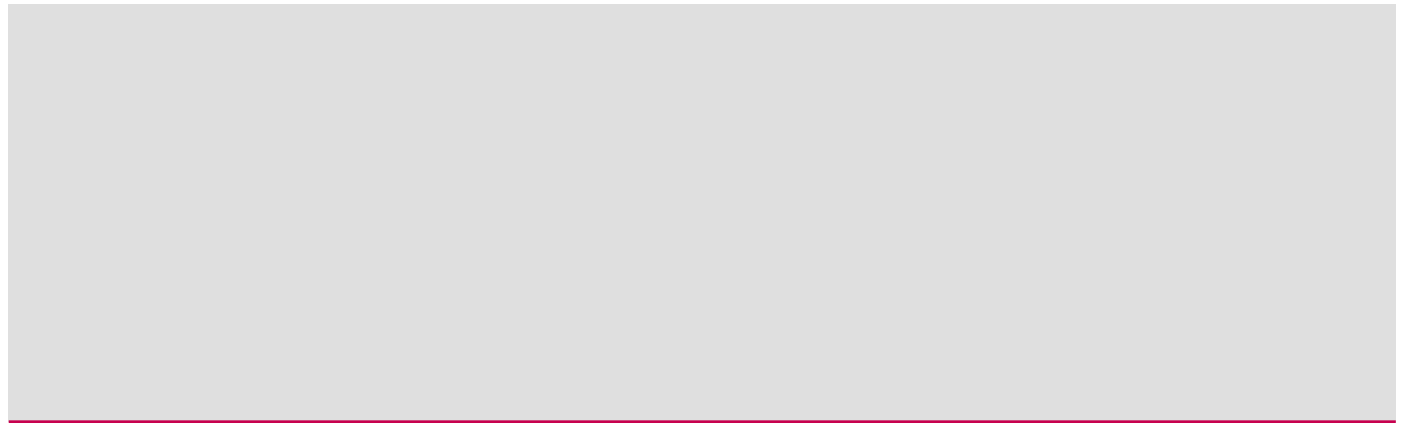
# With 92HI Offset Tip Boom and 195,000 Pound Counterweight, 16HL Jib

195 klb + 64 klb CB 

360°

ANSI B 30.5  
DIN/ISO

60' (18.3 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	54	81.9	29,020*	-	-	-	-		57	81.8	28,790*	-	-	-	-
	60	80.8	28,640*	-	-	-	-		60	81.3	28,660*	-	-	-	-
	70	78.9	27,980*	80.7	25,040*	-	-		70	79.6	28,010*	81.3	25,050*	-	-
	80	77.0	27,240*	78.8	24,530*	80.6	21,440*		80	77.8	27,350*	79.5	24,580*	81.2	21,760*
	90	75.1	26,610*	76.9	24,100*	78.6	20,320*		90	76.0	26,720*	77.7	24,160*	79.4	20,640*
	100	73.2	26,030*	75.0	23,650*	76.7	19,270*		100	74.2	26,180*	75.9	23,690*	77.5	19,630*
	110	71.2	25,480*	73.0	23,300*	74.7	18,300*		110	72.4	25,550*	74.1	23,360*	75.7	18,710*
	120	69.3	24,840*	71.1	22,830*	72.7	17,450*		120	70.6	25,080*	72.3	22,950*	73.8	17,820*
	130	67.3	24,380*	69.1	22,440*	70.7	16,710*		130	68.7	24,530*	70.4	22,610*	72.0	17,090*
	140	65.3	23,930*	67.0	21,480*	68.6	16,070*		140	66.9	24,120*	68.5	22,270*	70.0	16,370*
250' (76.2 m)	150	63.2	23,480*	65.0	20,450*	66.5	15,400*	270' (82.3 m)	150	65.0	23,700*	66.6	21,160*	68.1	15,810*
	160	61.1	22,960*	62.9	19,440*	64.4	14,840*		160	63.0	23,240*	64.7	20,130*	66.1	15,210*
	170	59.0	22,260*	60.7	18,580*	62.2	14,360*		170	61.0	21,180*	62.7	19,280*	64.1	14,680*
	180	56.8	20,040*	58.5	17,740*	60.0	13,900*		180	59.0	18,960*	60.7	18,470*	62.1	14,230*
	190	54.5	18,070*	56.2	17,050*	57.7	13,460*		190	57.0	16,980*	58.6	16,990*	60.0	13,820*
	200	52.2	16,320*	53.9	16,330*	55.3	13,100*		200	54.9	15,220*	56.5	15,230*	57.8	13,440*
	210	49.8	14,750*	51.5	14,760*	52.9	12,790*		210	52.7	13,650*	54.3	13,650*	55.6	13,070*
	220	47.3	13,320*	49.0	13,330*	50.3	12,500*		220	50.5	12,210*	52.0	12,220*	53.3	12,240*
	230	44.7	12,040*	46.3	12,050*	47.6	12,070*		230	48.2	10,930*	49.7	10,930*	51.0	10,950*
	240	42.0	10,880*	43.6	10,890*	44.8	10,910*		240	45.8	9,760*	47.3	9,770*	48.5	9,790*
250	39.1	9,810*	40.7	9,830*	41.8	9,850*	250	43.3	8,690*	44.8	8,700*	45.9	8,720*		
								260	40.6	7,710*	42.1	7,720*	43.2	7,750*	
								270	37.9	6,820*	39.3	6,830*	40.3	6,860*	
	55	82.0	28,970*	-	-	-	-		58	81.9	28,640*	-	-	-	-
	60	81.0	28,640*	-	-	-	-		60	81.6	28,480*	-	-	-	-
	70	79.2	27,940*	81.0	24,990*	-	-		70	79.9	27,810*	81.6	24,900*	-	-
	80	77.4	27,360*	79.2	24,570*	80.9	21,650*		80	78.2	27,230*	79.8	24,450*	81.4	21,920*
	90	75.6	26,720*	77.3	24,080*	79.0	20,430*		90	76.4	26,690*	78.1	24,100*	79.7	20,750*
	100	73.7	26,060*	75.5	23,730*	77.1	19,470*		100	74.7	26,070*	76.4	23,630*	77.9	19,770*
	110	71.8	25,510*	73.6	23,290*	75.2	18,470*		110	72.9	25,550*	74.6	23,260*	76.1	18,860*
	120	70.0	24,980*	71.7	22,880*	73.3	17,630*		120	71.2	25,090*	72.8	22,930*	74.3	17,980*
	130	68.0	24,520*	69.8	22,540*	71.3	16,920*		130	69.4	24,590*	71.0	22,600*	72.5	17,270*
	140	66.1	24,000*	67.8	21,850*	69.4	16,260*		140	67.6	24,140*	69.2	22,190*	70.7	16,560*
260' (79.2 m)	150	64.1	23,530*	65.8	20,830*	67.4	15,620*	280' (85.3 m)	150	65.7	23,670*	67.4	21,510*	68.8	16,000*
	160	62.1	23,090*	63.8	19,810*	65.3	15,040*		160	63.9	23,280*	65.5	20,490*	66.9	15,370*
	170	60.0	21,720*	61.7	18,920*	63.2	14,510*		170	62.0	20,810*	63.6	19,650*	65.0	14,910*
	180	57.9	19,500*	59.6	18,100*	61.1	14,070*		180	60.0	18,580*	61.6	18,590*	63.0	14,430*
	190	55.8	17,530*	57.5	17,410*	58.9	13,630*		190	58.1	16,610*	59.6	16,620*	61.0	13,990*
	200	53.6	15,770*	55.2	15,780*	56.6	13,260*		200	56.1	14,840*	57.6	14,850*	59.0	13,610*
	210	51.3	14,200*	52.9	14,200*	54.3	12,900*		210	54.0	13,270*	55.5	13,280*	56.8	13,240*
	220	49.0	12,780*	50.6	12,790*	51.9	12,600*		220	51.9	11,840*	53.4	11,850*	54.7	11,870*
	230	46.5	11,490*	48.1	11,500*	49.4	11,520*		230	49.7	10,550*	51.2	10,560*	52.4	10,580*
	240	44.0	10,320*	45.5	10,330*	46.8	10,350*		240	47.4	9,370*	48.9	9,380*	50.1	9,400*
250	41.3	9,250*	42.8	9,260*	44.0	9,280*	250	45.0	8,310*	46.5	8,320*	47.7	8,340*		
260	38.5	8,290*	40.0	8,300*	41.1	8,320*	260	42.6	7,330*	44.0	7,340*	45.2	7,360*		
								270	40.0	6,440*	41.4	6,450*	42.5	6,470*	
								280	37.3	5,620*	38.7	5,630*	39.6	5,650*	



60' (18.3 m) Jib length							
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	59	82.0	28,420*	-	-	-	-
	60	81.8	28,400*	-	-	-	-
	70	80.2	27,820*	81.8	24,850*	-	-
	80	78.5	27,260*	80.1	24,460*	81.7	22,010*
	90	76.8	26,670*	78.5	24,010*	80.0	20,910*
	100	75.1	26,170*	76.8	23,690*	78.3	19,920*
	110	73.4	25,640*	75.1	23,230*	76.6	19,040*
	120	71.7	25,060*	73.3	22,890*	74.8	18,210*
	130	70.0	24,660*	71.6	22,550*	73.1	17,420*
	140	68.2	24,150*	69.8	22,200*	71.3	16,770*
	150	66.5	23,750*	68.1	21,870*	69.5	16,090*
	160	64.7	22,800*	66.2	20,840*	67.6	15,590*
290' (88.4 m)	170	62.8	20,270*	64.4	19,980*	65.8	15,050*
	180	61.0	18,050*	62.5	18,060*	63.9	14,600*
	190	59.1	16,080*	60.6	16,080*	62.0	14,150*
	200	57.2	14,320*	58.7	14,320*	60.0	13,740*
	210	55.2	12,730*	56.7	12,740*	58.0	12,750*
	220	53.1	11,300*	54.6	11,310*	55.9	11,330*
	230	51.1	10,010*	52.5	10,020*	53.8	10,040*
	240	48.9	8,840*	50.4	8,850*	51.6	8,870*
	250	46.7	7,760*	48.1	7,770*	49.3	7,790*
	260	44.4	6,780*	45.8	6,790*	46.9	6,810*
270	41.9	5,890*	43.3	5,900*	44.4	5,930*	
280	39.4	4,900*	40.8	5,070*	41.8	5,090*	
290	36.7	3,820*	38.0	4,190*	39.0	4,350*	

70' (21.3 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	46	82.0	22,290*	-	-	-	-		49	81.9	22,090*	-	-	-	-
	50	81.0	21,900*	-	-	-	-		50	81.7	22,010*	-	-	-	-
	60	78.7	21,140*	81.4	18,910*	-	-		60	79.6	21,260*	-	-	-	-
	70	76.4	20,340*	79.0	18,320*	81.6	16,670*		70	77.4	20,610*	79.9	18,440*	-	-
	80	74.0	19,640*	76.7	17,790*	79.2	16,300*		80	75.2	19,960*	77.7	17,910*	80.0	16,350*
	90	71.6	19,050*	74.2	17,290*	76.7	15,820*		90	73.0	19,310*	75.5	17,470*	77.8	15,920*
180' (54.9 m)	100	69.2	18,450*	71.8	16,840*	74.2	15,430*		100	70.8	18,710*	73.2	17,040*	75.5	15,500*
	110	66.7	17,890*	69.3	16,430*	71.7	14,570*		110	68.5	18,220*	70.9	16,630*	73.2	15,010*
	120	64.2	17,410*	66.7	15,920*	69.1	13,830*	200' (61.0 m)	120	66.2	17,680*	68.6	16,210*	70.8	14,210*
	130	61.6	16,930*	64.1	15,450*	66.4	13,170*		130	63.9	17,250*	66.2	15,770*	68.4	13,560*
	140	58.9	16,440*	61.5	15,070*	63.7	12,590*		140	61.5	16,770*	63.8	15,330*	65.9	12,990*
	150	56.2	15,870*	58.7	14,730*	60.9	12,040*		150	59.0	16,360*	61.3	14,960*	63.4	12,410*
	160	53.3	15,460*	55.8	14,380*	58.0	11,560*		160	56.5	15,870*	58.8	14,670*	60.8	11,970*
	170	50.4	15,000*	52.8	13,780*	54.9	11,160*		170	53.9	15,470*	56.2	14,380*	58.2	11,540*
	180	47.3	14,660*	49.7	13,160*	51.7	10,800*		180	51.2	15,060*	53.4	13,830*	55.4	11,140*
		48	81.8	22,170*	-	-	-		-	190	48.3	14,720*	50.6	13,230*	52.5
	50	81.4	21,960*	-	-	-	-		200	45.4	14,420*	47.6	12,760*	49.4	10,510*
	60	79.2	21,160*	81.7	18,910*	-	-								
	70	76.9	20,440*	79.5	18,380*	81.9	16,710*								
	80	74.6	19,760*	77.2	17,850*	79.6	16,330*								
	90	72.3	19,200*	74.9	17,390*	77.3	15,910*								
190' (57.9 m)	100	70.0	18,590*	72.5	16,950*	74.9	15,440*								
	110	67.6	18,060*	70.1	16,530*	72.5	14,820*								
	120	65.2	17,540*	67.7	16,030*	70.0	14,060*								
	130	62.8	17,090*	65.2	15,630*	67.5	13,360*								
	140	60.2	16,600*	62.7	15,200*	64.9	12,780*								
	150	57.7	16,120*	60.1	14,870*	62.2	12,250*								
	160	55.0	15,670*	57.4	14,540*	59.5	11,750*								
	170	52.2	15,220*	54.6	14,120*	56.6	11,360*								
	180	49.3	14,840*	51.7	13,490*	53.7	11,000*								
	190	46.3	14,550*	48.6	12,910*	50.5	10,660*								



# With 92HI Offset Tip Boom and 195,000 Pound Counterweight, 16HL Jib

195 klb + 64 klb CB 

360°

ANSI B 30.5  
DIN/ISO

70' (21.3 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	51	81.8	22,020*	-	-	-	-		55	81.9	21,730*	-	-	-	-
	60	79.9	21,370*	-	-	-	-		60	80.9	21,430*	-	-	-	-
	70	77.9	20,620*	80.2	18,420*	-	-		70	79.0	20,850*	81.2	18,420*	-	-
	80	75.8	19,980*	78.1	17,980*	80.4	16,310*		80	77.2	20,250*	79.3	18,050*	81.3	16,240*
	90	73.6	19,380*	76.0	17,520*	78.2	15,980*		90	75.3	19,650*	77.4	17,560*	79.4	16,010*
	100	71.5	18,840*	73.8	17,050*	76.0	15,560*		100	73.3	19,100*	75.5	17,180*	77.5	15,700*
	110	69.3	18,360*	71.7	16,650*	73.8	15,200*		110	71.4	18,680*	73.5	16,840*	75.5	15,340*
	120	67.1	17,810*	69.4	16,260*	71.6	14,390*		120	69.4	18,170*	71.5	16,510*	73.5	14,930*
210' (64.0 m)	130	64.9	17,390*	67.2	15,830*	69.3	13,750*	240' (73.2 m)	130	67.4	17,700*	69.5	16,150*	71.5	14,280*
	140	62.6	16,980*	64.9	15,460*	66.9	13,120*		140	65.4	17,350*	67.5	15,800*	69.4	13,630*
	150	60.2	16,570*	62.5	15,110*	64.5	12,610*		150	63.4	16,890*	65.4	15,400*	67.3	13,090*
	160	57.8	16,050*	60.1	14,750*	62.1	12,130*		160	61.3	16,570*	63.3	15,060*	65.1	12,590*
	170	55.4	15,620*	57.6	14,490*	59.5	11,680*		170	59.1	16,210*	61.2	14,800*	63.0	12,160*
	180	52.8	15,240*	55.0	14,150*	56.9	11,290*		180	56.9	15,770*	59.0	14,520*	60.7	11,740*
	190	50.2	14,880*	52.3	13,570*	54.2	10,960*		190	54.7	15,390*	56.7	14,270*	58.4	11,380*
	200	47.4	14,580*	49.6	13,030*	51.3	10,680*		200	52.4	15,080*	54.3	13,830*	56.0	11,090*
	210	44.5	14,280*	46.6	12,580*	48.3	10,400*		210	50.0	14,780*	51.9	13,350*	53.6	10,760*
									220	47.5	14,150	49.4	12,870*	51.0	10,530*
									230	44.9	12,870	46.8	12,470*	48.3	10,300*
									240	42.2	11,710	44.0	11,720	45.5	10,080*
	52	81.9	21,920*	-	-	-	-		56	81.9	21,800*	-	-	-	-
	60	80.3	21,390*	-	-	-	-		60	81.2	21,540*	-	-	-	-
	70	78.3	20,720*	80.6	18,490*	-	-		70	79.4	20,870*	81.5	18,490*	-	-
	80	76.3	20,080*	78.6	17,990*	80.7	16,340*		80	77.6	20,330*	79.7	18,070*	81.6	16,280*
	90	74.2	19,490*	76.5	17,520*	78.6	15,970*		90	75.7	19,720*	77.8	17,630*	79.8	15,980*
	100	72.2	18,980*	74.4	17,120*	76.5	15,610*		100	73.9	19,200*	75.9	17,230*	77.9	15,730*
	110	70.1	18,430*	72.3	16,740*	74.4	15,250*		110	72.0	18,730*	74.1	16,900*	76.0	15,380*
	120	67.9	17,990*	70.2	16,360*	72.2	14,590*		120	70.1	18,300*	72.1	16,540*	74.0	15,040*
220' (67.1 m)	130	65.8	17,510*	68.0	15,990*	70.0	13,900*	250' (76.2 m)	130	68.2	17,850*	70.2	16,180*	72.1	14,390*
	140	63.6	17,050*	65.8	15,570*	67.8	13,350*		140	66.2	17,440*	68.3	15,870*	70.1	13,790*
	150	61.4	16,670*	63.6	15,210*	65.5	12,780*		150	64.3	17,070*	66.3	15,530*	68.1	13,270*
	160	59.1	16,300*	61.2	14,870*	63.2	12,290*		160	62.2	16,650*	64.2	15,210*	66.0	12,750*
	170	56.7	15,810*	58.9	14,560*	60.8	11,830*		170	60.2	16,360*	62.2	14,870*	63.9	12,330*
	180	54.3	15,410*	56.4	14,310*	58.3	11,440*		180	58.1	15,990*	60.1	14,620*	61.8	11,900*
	190	51.8	15,080*	53.9	13,850*	55.7	11,120*		190	56.0	15,600*	57.9	14,370*	59.6	11,550*
	200	49.2	14,770*	51.3	13,320*	53.1	10,800*		200	53.7	15,220*	55.7	14,120*	57.3	11,210*
	210	46.5	14,460*	48.6	12,840*	50.3	10,520*		210	51.5	14,910*	53.4	13,580*	55.0	10,890*
	220	43.7	14,160*	45.7	12,400*	47.3	10,290*		220	49.1	13,580	51.0	13,160*	52.6	10,650*
									230	46.7	12,290	48.5	12,300	50.1	10,420*
									240	44.1	11,130	46.0	11,140	47.4	10,190*
									250	41.5	10,060	43.3	10,070	44.7	10,010*
	53	82.0	21,880*	-	-	-	-		57	82.0	21,710*	-	-	-	-
	60	80.6	21,400*	-	-	-	-		60	81.5	21,470*	-	-	-	-
	70	78.7	20,730*	80.9	18,420*	-	-		70	79.7	20,920*	81.7	18,480*	-	-
	80	76.7	20,160*	78.9	17,970*	81.0	16,270*		80	77.9	20,330*	80.0	18,070*	81.9	16,270*
	90	74.8	19,580*	77.0	17,560*	79.0	16,010*		90	76.2	19,800*	78.2	17,620*	80.1	15,950*
	100	72.8	19,080*	75.0	17,130*	77.0	15,650*		100	74.4	19,330*	76.4	17,280*	78.3	15,700*
	110	70.8	18,530*	72.9	16,750*	75.0	15,300*		110	72.6	18,850*	74.6	16,940*	76.4	15,410*
	120	68.7	18,110*	70.9	16,450*	72.9	14,740*		120	70.7	18,370*	72.7	16,560*	74.5	15,130*
230' (70.1 m)	130	66.6	17,610*	68.8	16,080*	70.8	14,120*	260' (79.2 m)	130	68.9	17,910*	70.9	16,250*	72.7	14,530*
	140	64.5	17,230*	66.7	15,660*	68.6	13,510*		140	67.0	17,570*	69.0	15,980*	70.8	13,920*
	150	62.4	16,820*	64.5	15,290*	66.4	12,960*		150	65.1	17,130*	67.0	15,610*	68.8	13,410*
	160	60.2	16,420*	62.3	14,990*	64.2	12,440*		160	63.2	16,770*	65.1	15,270*	66.8	12,890*
	170	58.0	16,000*	60.1	14,660*	61.9	12,010*		170	61.2	16,460*	63.1	14,950*	64.8	12,480*
	180	55.7	15,620*	57.8	14,390*	59.6	11,610*		180	59.2	16,150*	61.1	14,690*	62.8	12,070*
	190	53.3	15,240*	55.4	14,140*	57.1	11,260*		190	57.1	15,760*	59.0	14,440*	60.7	11,660*
	200	50.9	14,930*	52.9	13,600*	54.6	10,920*		200	55.0	15,380*	56.9	14,190*	58.5	11,350*
	210	48.3	14,620*	50.3	13,070*	52.0	10,640*		210	52.9	14,460	54.7	13,870*	56.3	11,010*
	220	45.7	14,320*	47.7	12,660*	49.3	10,410*		220	50.6	13,020	52.5	13,030	54.0	10,770*
	230	42.9	13,420	44.9	12,260*	46.4	10,180*		230	48.3	11,740	50.1	11,750	51.6	10,490*
									240	45.9	10,570	47.7	10,580	49.2	10,300*
									250	43.4	9,500	45.2	9,510	46.6	9,530
									260	40.8	8,530	42.5	8,550	43.9	8,570



70' (21.3 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	59	81.9	21,570*	-	-	-	-		62	81.9	21,310*	-	-	-	-
	60	81.7	21,480*	-	-	-	-		70	80.6	20,880*	-	-	-	-
	70	80.0	20,930*	82.0	18,470*	-	-		80	79.0	20,400*	80.8	17,960*	-	-
	80	78.3	20,410*	80.3	18,060*	-	-		90	77.3	19,890*	79.2	17,600*	80.9	15,880*
	90	76.6	19,870*	78.5	17,680*	80.4	15,980*		100	75.7	19,470*	77.5	17,250*	79.3	15,590*
	100	74.8	19,360*	76.8	17,330*	78.6	15,660*		110	74.1	18,980*	75.9	16,950*	77.6	15,410*
	110	73.1	18,870*	75.0	16,950*	76.8	15,440*		120	72.4	18,530*	74.2	16,620*	75.9	15,160*
	120	71.3	18,480*	73.3	16,630*	75.0	15,130*		130	70.7	18,120*	72.5	16,360*	74.2	14,930*
	130	69.5	18,040*	71.5	16,340*	73.2	14,720*		140	69.0	17,770*	70.8	16,050*	72.5	14,730*
	140	67.7	17,620*	69.6	16,010*	71.4	14,120*		150	67.3	17,350*	69.1	15,780*	70.7	13,810*
270' (82.3 m)	150	65.9	17,210*	67.8	15,730*	69.5	13,520*	290' (88.4 m)	160	65.6	17,030*	67.3	15,530*	69.0	13,340*
	160	64.0	16,910*	65.9	15,390*	67.6	13,050*		170	63.8	16,710*	65.6	15,270*	67.2	12,840*
	170	62.1	16,550*	64.0	15,090*	65.7	12,600*		180	62.0	16,400*	63.8	14,950*	65.3	12,460*
	180	60.2	16,230*	62.0	14,770*	63.7	12,180*		190	60.2	16,080*	61.9	14,690*	63.5	12,040*
	190	58.2	15,910*	60.1	14,540*	61.7	11,820*		200	58.3	14,570	60.1	14,460*	61.6	11,680*
	200	56.2	15,480	58.0	14,290*	59.6	11,470*		210	56.4	12,980	58.1	12,990	59.6	11,390*
	210	54.1	13,900	55.9	13,910	57.5	11,170*		220	54.5	11,550	56.2	11,560	57.6	11,090*
	220	52.0	12,470	53.8	12,480	55.3	10,850*		230	52.5	10,260	54.2	10,270	55.6	10,290
	230	49.8	11,180	51.6	11,190	53.1	10,610*		240	50.4	9,090	52.1	9,100	53.5	9,120
	240	47.5	10,020	49.3	10,030	50.7	10,050		250	48.3	8,020	50.0	8,030	51.3	8,050
	250	45.2	8,940	46.9	8,950	48.3	8,980		260	46.1	7,040	47.8	7,050	49.1	7,070
	260	42.7	7,970	44.4	7,980	45.8	8,010		270	43.8	6,130	45.5	6,150	46.7	6,170
	270	40.1	7,080	41.8	7,090	43.1	7,110		280	41.4	5,230*	43.0	5,320	44.3	5,340
									290	38.9	4,190*	40.5	4,560	41.7	4,580
	60	82.0	21,460*	-	-	-	-								
	70	80.3	20,900*	-	-	-	-								
	80	78.6	20,400*	80.6	17,990*	-	-								
	90	77.0	19,830*	78.9	17,630*	80.7	15,920*								
	100	75.3	19,370*	77.2	17,280*	79.0	15,630*								
	110	73.6	18,970*	75.5	16,950*	77.2	15,380*								
	120	71.9	18,510*	73.8	16,590*	75.5	15,180*								
	130	70.1	18,100*	72.0	16,290*	73.7	14,850*								
	140	68.4	17,710*	70.2	16,060*	71.9	14,220*								
	150	66.6	17,310*	68.5	15,730*	70.1	13,680*								
280' (85.3 m)	160	64.8	16,950*	66.6	15,490*	68.3	13,180*								
	170	63.0	16,640*	64.8	15,190*	66.4	12,720*								
	180	61.1	16,310*	62.9	14,870*	64.5	12,290*								
	190	59.2	15,990*	61.0	14,610*	62.6	11,930*								
	200	57.3	15,110	59.1	14,360*	60.6	11,570*								
	210	55.3	13,520	57.1	13,530	58.6	11,270*								
	220	53.3	12,090	55.0	12,100	56.5	10,980*								
	230	51.2	10,800	52.9	10,810	54.4	10,740*								
	240	49.0	9,630	50.8	9,640	52.2	9,660								
	250	46.8	8,560	48.5	8,570	49.9	8,590								
	260	44.5	7,580	46.2	7,590	47.5	7,620								
	270	42.1	6,680	43.7	6,700	45.0	6,720								
	280	39.5	5,860	41.1	5,870	42.4	5,900								



# With 92HI Offset Tip Boom and 195,000 Pound Counterweight, 16HL Jib

195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

80' (24.4 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	51	82.0	17,300*	-	-	-	-		56	81.8	17,090*	-	-	-	-
	60	80.1	16,660*	-	-	-	-		60	81.1	16,820*	-	-	-	-
	70	78.0	16,040*	80.8	14,050*	-	-		70	79.2	16,210*	81.7	14,100*	-	-
	80	75.9	15,460*	78.7	13,640*	81.2	11,980*		80	77.3	15,610*	79.8	13,690*	-	-
	90	73.8	14,890*	76.5	13,120*	79.1	11,590*		90	75.4	15,110*	77.9	13,300*	80.2	11,620*
	100	71.7	14,350*	74.4	12,670*	76.9	11,260*		100	73.5	14,610*	75.9	12,830*	78.2	11,300*
200' (61.0 m)	110	69.5	13,870*	72.2	12,210*	74.7	10,950*		110	71.6	14,180*	74.0	12,430*	76.2	11,020*
	120	67.3	13,370*	69.9	11,790*	72.4	10,640*		120	69.6	13,750*	72.0	12,040*	74.2	10,760*
	130	65.0	12,860*	67.7	11,430*	70.1	10,370*	230' (70.1 m)	130	67.6	13,300*	70.0	11,670*	72.2	10,490*
	140	62.7	12,410*	65.4	11,110*	67.8	10,150*		140	65.6	12,830*	68.0	11,340*	70.1	10,270*
150	60.4	11,950*	63.0	10,810*	65.4	9,950*	150		63.5	12,410*	65.9	11,060*	68.0	10,060*	
160	58.0	11,560*	60.6	10,520*	62.9	9,760*	160		61.4	12,040*	63.8	10,760*	65.9	9,850*	
	170	55.5	11,190*	58.1	10,280*	60.3	9,620*	170	59.3	11,650*	61.6	10,520*	63.7	9,700*	
	180	53.0	10,880*	55.5	10,050*	57.7	9,470*	180	57.1	11,320*	59.4	10,290*	61.5	9,560*	
	190	50.3	10,600*	52.8	9,880*	55.0	9,380*	190	54.8	11,020*	57.1	10,060*	59.1	9,440*	
	200	47.6	10,370*	50.1	9,720*	52.1	9,230*	200	52.5	10,730*	54.8	9,920*	56.8	9,330*	
								210	50.1	10,500*	52.4	9,730*	54.3	9,250*	
								220	47.6	10,260*	49.9	9,580*	51.7	9,080*	
								230	45.0	10,040*	47.2	9,480*	49.0	8,880*	
	53	81.9	17,240*	-	-	-	-		57	81.9	17,010*	-	-	-	-
	60	80.5	16,770*	-	-	-	-		60	81.4	16,860*	-	-	-	-
	70	78.5	16,130*	81.1	14,070*	-	-		70	79.5	16,220*	81.9	14,060*	-	-
	80	76.4	15,540*	79.1	13,640*	81.6	11,990*		80	77.7	15,680*	80.1	13,690*	-	-
	90	74.4	14,950*	77.0	13,180*	79.5	11,590*		90	75.9	15,150*	78.3	13,300*	80.5	11,670*
	100	72.3	14,470*	74.9	12,700*	77.4	11,260*		100	74.0	14,700*	76.4	12,900*	78.6	11,350*
	110	70.2	13,960*	72.8	12,290*	75.2	10,970*		110	72.2	14,220*	74.5	12,470*	76.7	11,030*
	120	68.1	13,510*	70.7	11,900*	73.1	10,660*		120	70.3	13,800*	72.6	12,130*	74.8	10,780*
210' (64.0 m)	130	66.0	13,000*	68.5	11,500*	70.9	10,420*	240' (73.2 m)	130	68.3	13,430*	70.7	11,770*	72.8	10,520*
	140	63.8	12,550*	66.3	11,190*	68.6	10,210*		140	66.4	13,010*	68.7	11,420*	70.8	10,300*
	150	61.5	12,100*	64.0	10,900*	66.3	9,980*		150	64.4	12,530*	66.7	11,130*	68.8	10,080*
	160	59.2	11,710*	61.7	10,600*	64.0	9,800*		160	62.4	12,170*	64.7	10,860*	66.8	9,880*
	170	56.9	11,340*	59.4	10,390*	61.6	9,630*	170	60.4	11,780*	62.6	10,600*	64.7	9,730*	
	180	54.5	11,020*	56.9	10,140*	59.1	9,520*	180	58.3	11,440*	60.5	10,340*	62.5	9,580*	
	190	52.0	10,730*	54.4	9,950*	56.5	9,370*	190	56.1	11,120*	58.3	10,150*	60.3	9,460*	
	200	49.4	10,490*	51.8	9,760*	53.8	9,290*	200	53.9	10,870*	56.1	9,950*	58.0	9,320*	
	210	46.7	10,250*	49.1	9,620*	51.0	9,090*	210	51.6	10,580*	53.8	9,800*	55.7	9,230*	
								220	49.3	10,340*	51.4	9,660*	53.3	9,150*	
								230	46.8	10,150*	49.0	9,510*	50.7	8,980*	
								240	44.3	9,970*	46.4	9,420*	48.1	8,780*	
	54	81.9	17,180*	-	-	-	-		58	82.0	17,000*	-	-	-	-
	60	80.8	16,820*	-	-	-	-		60	81.6	16,900*	-	-	-	-
	70	78.8	16,150*	81.4	14,090*	-	-		70	79.9	16,300*	-	-	-	-
	80	76.9	15,610*	79.4	13,650*	81.8	12,000*		80	78.1	15,750*	80.4	13,690*	-	-
	90	74.9	15,030*	77.5	13,250*	79.8	11,630*		90	76.3	15,240*	78.6	13,360*	80.8	11,660*
	100	72.9	14,570*	75.5	12,770*	77.8	11,310*		100	74.5	14,780*	76.8	12,970*	79.0	11,340*
	110	70.9	14,070*	73.4	12,340*	75.8	10,980*		110	72.7	14,340*	75.0	12,560*	77.1	11,080*
	120	68.9	13,630*	71.4	11,940*	73.7	10,730*		120	70.9	13,900*	73.2	12,150*	75.3	10,800*
220' (67.1 m)	130	66.8	13,160*	69.3	11,610*	71.6	10,460*		130	69.0	13,540*	71.3	11,820*	73.4	10,530*
	140	64.7	12,720*	67.2	11,260*	69.4	10,220*		140	67.2	13,150*	69.4	11,510*	71.5	10,320*
	150	62.6	12,290*	65.0	10,960*	67.2	10,040*	250' (76.2 m)	150	65.2	12,680*	67.5	11,180*	69.5	10,140*
	160	60.4	11,880*	62.8	10,680*	65.0	9,850*		160	63.3	12,310*	65.5	10,910*	67.5	9,910*
170	58.1	11,530*	60.5	10,430*	62.7	9,670*	170		61.3	11,910*	63.5	10,640*	65.5	9,760*	
180	55.8	11,170*	58.2	10,240*	60.3	9,550*	180		59.3	11,590*	61.5	10,430*	63.5	9,610*	
	190	53.5	10,900*	55.8	10,030*	57.9	9,400*	190	57.3	11,240*	59.4	10,230*	61.4	9,470*	
	200	51.0	10,610*	53.4	9,830*	55.4	9,310*	200	55.2	10,990*	57.3	10,030*	59.2	9,350*	
	210	48.5	10,380*	50.8	9,700*	52.7	9,190*	210	53.0	10,700*	55.1	9,840*	57.0	9,250*	
	220	45.8	10,140*	48.1	9,550*	50.0	8,990*	220	50.8	10,460*	52.9	9,690*	54.7	9,170*	
								230	48.5	10,270*	50.6	9,550*	52.3	9,040*	
								240	46.1	10,040*	48.1	9,440*	49.8	8,840*	
								250	43.6	9,900*	45.6	9,360*	47.2	8,670*	

80' (24.4 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	60	81.9	16,900*	-	-	-	-		63	81.8	16,740*	-	-	-	-
	70	80.2	16,300*	-	-	-	-		70	80.7	16,320*	-	-	-	-
	80	78.5	15,810*	80.7	13,680*	-	-		80	79.1	15,810*	81.2	13,660*	-	-
	90	76.7	15,330*	79.0	13,350*	81.1	11,660*		90	77.5	15,400*	79.6	13,320*	81.6	11,650*
	100	75.0	14,850*	77.2	13,000*	79.3	11,340*		100	75.8	14,910*	78.0	13,060*	79.9	11,350*
	110	73.2	14,410*	75.5	12,630*	77.5	11,090*		110	74.2	14,470*	76.3	12,730*	78.3	11,090*
	120	71.5	13,990*	73.7	12,210*	75.7	10,810*		120	72.5	14,110*	74.6	12,320*	76.6	10,850*
	130	69.7	13,600*	71.9	11,890*	73.9	10,540*		130	70.9	13,700*	72.9	11,970*	74.9	10,580*
	140	67.9	13,220*	70.1	11,540*	72.1	10,360*		140	69.2	13,370*	71.2	11,680*	73.1	10,360*
	150	66.0	12,810*	68.2	11,260*	70.2	10,130*		150	67.4	13,030*	69.5	11,370*	71.4	10,160*
260' (79.2 m)	160	64.2	12,420*	66.3	10,990*	68.3	9,950*	280' (85.3 m)	160	65.7	12,640*	67.7	11,090*	69.6	10,010*
	170	62.3	12,070*	64.4	10,710*	66.3	9,760*		170	63.9	12,300*	66.0	10,850*	67.8	9,800*
	180	60.3	11,710*	62.5	10,510*	64.4	9,610*		180	62.1	11,930*	64.2	10,590*	66.0	9,680*
	190	58.4	11,410*	60.5	10,260*	62.3	9,500*		190	60.3	11,630*	62.3	10,380*	64.1	9,520*
	200	56.3	11,110*	58.4	10,060*	60.3	9,380*		200	58.4	11,330*	60.4	10,180*	62.2	9,420*
	210	54.3	10,820*	56.4	9,910*	58.2	9,280*		210	56.5	11,030*	58.5	10,030*	60.3	9,300*
	220	52.1	10,580*	54.2	9,720*	56.0	9,190*		220	54.6	10,790*	56.6	9,830*	58.3	9,200*
	230	50.0	10,350*	52.0	9,620*	53.7	9,100*		230	52.6	10,550*	54.6	9,690*	56.2	9,110*
	240	47.7	10,160*	49.7	9,470*	51.4	8,940*		240	50.6	9,870*	52.5	9,540*	54.1	9,020*
	250	45.3	9,740*	47.3	9,380*	48.9	8,780*		250	48.4	8,800*	50.4	8,810*	51.9	8,840*
	260	42.9	8,770*	44.8	8,780*	46.4	8,620*		260	46.2	7,820*	48.1	7,830*	49.7	7,850*
									270	44.0	6,920*	45.8	6,940*	47.3	6,960*
									280	41.6	6,100*	43.4	6,110*	44.8	6,140*
	61	81.9	16,890*	-	-	-	-		64	81.9	16,680*	-	-	-	-
	70	80.4	16,340*	-	-	-	-		70	81.0	16,390*	-	-	-	-
	80	78.8	15,820*	81.0	13,710*	-	-		80	79.4	15,900*	81.5	13,660*	-	-
	90	77.1	15,340*	79.3	13,350*	81.4	11,650*		90	77.8	15,390*	79.9	13,330*	81.8	11,640*
	100	75.4	14,920*	77.6	13,010*	79.6	11,380*		100	76.2	14,960*	78.3	13,050*	80.2	11,390*
	110	73.7	14,470*	75.9	12,680*	77.9	11,100*		110	74.6	14,530*	76.7	12,720*	78.6	11,080*
	120	72.0	14,060*	74.2	12,270*	76.2	10,810*		120	73.0	14,130*	75.1	12,390*	77.0	10,850*
	130	70.3	13,650*	72.4	11,960*	74.4	10,590*		130	71.4	13,780*	73.4	12,030*	75.3	10,620*
	140	68.5	13,310*	70.7	11,640*	72.6	10,360*		140	69.7	13,420*	71.8	11,730*	73.6	10,370*
	150	66.8	12,950*	68.9	11,310*	70.8	10,140*		150	68.1	13,130*	70.1	11,400*	71.9	10,190*
270' (82.3 m)	160	65.0	12,550*	67.1	11,040*	69.0	9,950*	290' (88.4 m)	160	66.4	12,800*	68.4	11,130*	70.2	10,000*
	170	63.1	12,190*	65.2	10,800*	67.1	9,800*		170	64.7	12,410*	66.7	10,880*	68.5	9,840*
	180	61.3	11,820*	63.3	10,550*	65.2	9,650*		180	63.0	12,050*	64.9	10,670*	66.7	9,680*
	190	59.4	11,510*	61.4	10,350*	63.3	9,490*		190	61.2	11,740*	63.2	10,420*	64.9	9,520*
	200	57.4	11,210*	59.5	10,150*	61.3	9,390*		200	59.4	11,430*	61.4	10,220*	63.1	9,410*
	210	55.5	10,910*	57.5	9,950*	59.2	9,270*		210	57.6	11,130*	59.5	10,060*	61.2	9,310*
	220	53.4	10,670*	55.4	9,800*	57.2	9,170*		220	55.7	10,880*	57.6	9,870*	59.3	9,190*
	230	51.3	10,470*	53.3	9,650*	55.0	9,080*		230	53.8	10,510*	55.7	9,720*	57.3	9,090*
	240	49.2	10,230*	51.2	9,510*	52.8	9,040*		240	51.8	9,340*	53.7	9,350*	55.3	9,040*
	250	46.9	9,190*	48.9	9,200*	50.5	8,840*		250	49.8	8,260*	51.7	8,270*	53.2	8,290*
	260	44.6	8,210*	46.6	8,230*	48.1	8,250*		260	47.7	7,280*	49.6	7,290*	51.1	7,320*
	270	42.2	7,310*	44.1	7,330*	45.6	7,350*		270	45.6	6,380*	47.4	6,390*	48.9	6,410*
									280	43.3	5,530*	45.1	5,560*	46.6	5,590*
									290	41.0	4,520*	42.8	4,790*	44.1	4,820*



# With 92HI Offset Tip Boom and 195,000 Pound Counterweight, 16HL Jib

195 klb + 64 klb CB 

360°

ANSI B 30.5  
DIN/ISO

90' (27.4 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	58	81.9	13,670*	-	-	-	-		62	81.9	13,530*	-	-	-	-
	60	81.5	13,560*	-	-	-	-		70	80.6	13,110*	-	-	-	-
	70	79.7	13,000*	-	-	-	-		80	78.9	12,610*	81.4	10,410*	-	-
	80	77.9	12,500*	80.6	10,360*	-	-		90	77.3	12,140*	79.7	9,980*	-	-
	90	76.0	11,890*	78.7	9,920*	81.3	8,500*		100	75.6	11,610*	78.0	9,610*	80.3	8,240*
	100	74.2	11,360*	76.9	9,520*	79.4	8,230*		110	73.9	11,110*	76.3	9,260*	78.6	7,980*
	110	72.3	10,840*	75.0	9,150*	77.5	7,980*		120	72.2	10,650*	74.6	8,980*	76.8	7,790*
	120	70.4	10,340*	73.1	8,830*	75.5	7,750*		130	70.4	10,210*	72.8	8,680*	75.1	7,580*
230' (70.1 m)	130	68.5	9,930*	71.1	8,540*	73.6	7,550*		140	68.7	9,830*	71.1	8,400*	73.3	7,390*
	140	66.5	9,520*	69.2	8,280*	71.6	7,360*		150	66.9	9,480*	69.3	8,150*	71.5	7,200*
	150	64.6	9,190*	67.2	8,030*	69.5	7,170*	260' (79.2 m)	160	65.1	9,140*	67.5	7,920*	69.6	7,080*
	160	62.6	8,830*	65.1	7,800*	67.5	7,020*		170	63.3	8,820*	65.6	7,710*	67.8	6,930*
	170	60.5	8,530*	63.1	7,570*	65.4	6,900*		180	61.4	8,550*	63.8	7,530*	65.9	6,780*
	180	58.4	8,260*	61.0	7,390*	63.2	6,770*		190	59.5	8,280*	61.8	7,350*	63.9	6,680*
	190	56.3	8,030*	58.8	7,240*	61.0	6,640*		200	57.6	8,060*	59.9	7,200*	61.9	6,570*
	200	54.0	7,780*	56.6	7,070*	58.7	6,560*		210	55.6	7,810*	57.9	7,030*	59.9	6,490*
	210	51.8	7,570*	54.3	6,930*	56.4	6,480*		220	53.6	7,640*	55.8	6,920*	57.8	6,400*
	220	49.4	7,410*	51.9	6,830*	54.0	6,410*		230	51.5	7,430*	53.7	6,790*	55.7	6,350*
230	47.0	7,210*	49.4	6,690*	51.4	6,360*	240		49.3	7,270*	51.6	6,690*	53.4	6,300*	
									250	47.1	7,140*	49.3	6,590*	51.1	6,260*
								260	44.8	6,980*	47.0	6,510*	48.7	6,220*	
	59	81.9	13,600*	-	-	-	-		63	82.0	13,450*	-	-	-	-
	60	81.8	13,560*	-	-	-	-		70	80.9	13,110*	-	-	-	-
	70	80.0	13,020*	-	-	-	-		80	79.2	12,660*	81.6	10,430*	-	-
	80	78.2	12,510*	80.9	10,380*	-	-		90	77.6	12,190*	80.0	10,000*	-	-
	90	76.5	12,010*	79.1	9,940*	81.5	8,500*		100	76.0	11,710*	78.4	9,660*	80.6	8,210*
	100	74.7	11,450*	77.3	9,540*	79.7	8,250*		110	74.3	11,220*	76.7	9,310*	78.9	7,990*
	110	72.9	10,910*	75.4	9,220*	77.9	8,000*		120	72.7	10,720*	75.0	8,990*	77.2	7,760*
	120	71.0	10,440*	73.6	8,900*	76.0	7,780*		130	71.0	10,310*	73.3	8,690*	75.5	7,590*
240' (73.2 m)	130	69.2	10,040*	71.7	8,580*	74.1	7,570*		140	69.3	9,940*	71.6	8,430*	73.8	7,410*
	140	67.3	9,630*	69.8	8,340*	72.2	7,390*		150	67.6	9,580*	69.9	8,190*	72.0	7,230*
	150	65.4	9,260*	67.9	8,060*	70.2	7,210*	270' (82.3 m)	160	65.8	9,220*	68.1	7,950*	70.3	7,070*
	160	63.5	8,950*	66.0	7,860*	68.3	7,040*		170	64.1	8,930*	66.4	7,770*	68.5	6,910*
	170	61.5	8,650*	64.0	7,630*	66.2	6,890*		180	62.3	8,620*	64.6	7,580*	66.6	6,800*
	180	59.5	8,360*	62.0	7,430*	64.2	6,760*		190	60.4	8,360*	62.7	7,400*	64.8	6,690*
	190	57.4	8,110*	59.9	7,280*	62.1	6,650*		200	58.6	8,140*	60.8	7,220*	62.8	6,580*
	200	55.3	7,890*	57.8	7,110*	59.9	6,570*		210	56.7	7,930*	58.9	7,070*	60.9	6,480*
	210	53.1	7,650*	55.6	6,970*	57.7	6,480*		220	54.7	7,690*	57.0	6,940*	58.9	6,400*
	220	50.9	7,480*	53.3	6,840*	55.4	6,400*		230	52.7	7,520*	55.0	6,830*	56.8	6,340*
230	48.6	7,280*	51.0	6,740*	53.0	6,350*	240		50.7	7,340*	52.9	6,730*	54.7	6,270*	
240	46.2	7,160*	48.6	6,640*	50.5	6,310*	250		48.6	7,180*	50.7	6,610*	52.5	6,220*	
	61	81.8	13,550*	-	-	-	-		260	46.4	7,050*	48.5	6,540*	50.3	6,210*
	70	80.3	13,100*	-	-	-	-		270	44.1	6,930*	46.2	6,460*	47.9	6,170*
	80	78.6	12,560*	81.1	10,400*	-	-								
	90	76.9	12,120*	79.4	9,990*	81.8	8,480*								
	100	75.1	11,560*	77.7	9,600*	80.0	8,220*								
	110	73.4	11,030*	75.9	9,230*	78.2	8,010*								
	120	71.6	10,570*	74.1	8,930*	76.4	7,780*								
	130	69.8	10,120*	72.3	8,640*	74.6	7,570*								
250' (76.2 m)	140	68.0	9,720*	70.5	8,370*	72.8	7,370*								
	150	66.2	9,360*	68.6	8,110*	70.9	7,200*								
	160	64.3	9,030*	66.7	7,870*	69.0	7,050*								
	170	62.4	8,730*	64.8	7,680*	67.0	6,920*								
	180	60.5	8,440*	62.9	7,480*	65.0	6,770*								
	190	58.5	8,180*	60.9	7,300*	63.0	6,660*								
	200	56.5	7,950*	58.9	7,160*	61.0	6,560*								
	210	54.4	7,740*	56.8	7,020*	58.8	6,480*								
	220	52.3	7,560*	54.6	6,880*	56.6	6,400*								
	230	50.1	7,360*	52.4	6,780*	54.4	6,350*								
240	47.8	7,230*	50.1	6,660*	52.0	6,310*									
250	45.5	7,060*	47.7	6,590*	49.6	6,270*									

90' (27.4 m) Jib length

Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	65	81.9	13,340*	-	-	-	-
	70	81.1	13,120*	-	-	-	-
	80	79.5	12,650*	81.9	10,430*	-	-
	90	78.0	12,220*	80.3	10,030*	-	-
	100	76.4	11,830*	78.7	9,690*	80.9	8,220*
	110	74.8	11,280*	77.1	9,350*	79.2	7,990*
	120	73.2	10,830*	75.5	9,050*	77.6	7,790*
	130	71.5	10,420*	73.8	8,750*	75.9	7,590*
	140	69.9	10,000*	72.2	8,490*	74.3	7,390*
	150	68.2	9,630*	70.5	8,230*	72.6	7,230*
280' (85.3 m)	160	66.5	9,310*	68.8	8,020*	70.8	7,070*
	170	64.8	9,020*	67.1	7,810*	69.1	6,930*
	180	63.1	8,740*	65.3	7,590*	67.3	6,820*
	190	61.3	8,470*	63.5	7,410*	65.5	6,700*
	200	59.5	8,200*	61.7	7,260*	63.7	6,570*
	210	57.7	7,980*	59.9	7,120*	61.8	6,490*
	220	55.8	7,770*	58.0	6,980*	59.9	6,410*
	230	53.9	7,590*	56.1	6,840*	57.9	6,320*
	240	52.0	7,420*	54.1	6,740*	55.9	6,270*
	250	49.9	7,250*	52.1	6,640*	53.8	6,220*
	260	47.9	7,120*	50.0	6,540*	51.7	6,170*
	270	45.7	6,990*	47.8	6,490*	49.5	6,160*
	280	43.5	6,300	45.5	6,310	47.1	6,150*

Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	66	81.9	13,290*	-	-	-	-
	70	81.3	13,130*	-	-	-	-
	80	79.8	12,650*	-	-	-	-
	90	78.3	12,260*	80.5	10,040*	-	-
	100	76.7	11,830*	79.0	9,690*	81.1	8,190*
	110	75.2	11,380*	77.4	9,350*	79.5	7,990*
	120	73.6	10,920*	75.8	9,060*	77.9	7,790*
	130	72.0	10,490*	74.3	8,760*	76.3	7,590*
	140	70.4	10,110*	72.7	8,530*	74.7	7,390*
	150	68.8	9,740*	71.0	8,270*	73.1	7,230*
290' (88.4 m)	160	67.2	9,410*	69.4	8,020*	71.4	7,080*
	170	65.5	9,070*	67.7	7,830*	69.7	6,950*
	180	63.9	8,810*	66.0	7,650*	68.0	6,800*
	190	62.2	8,540*	64.3	7,460*	66.3	6,680*
	200	60.4	8,280*	62.6	7,280*	64.5	6,580*
	210	58.7	8,060*	60.8	7,140*	62.7	6,500*
	220	56.9	7,840*	59.0	6,990*	60.8	6,400*
	230	55.0	7,670*	57.1	6,890*	59.0	6,320*
	240	53.1	7,460*	55.2	6,750*	57.0	6,260*
	250	51.2	7,330*	53.3	6,640*	55.0	6,220*
	260	49.2	7,160*	51.3	6,560*	53.0	6,170*
	270	47.2	6,580	49.2	6,490*	50.9	6,120*
	280	45.1	5,760	47.1	5,770	48.7	5,800
	290	42.8	4,780*	44.8	5,000	46.4	5,030

100' (30.5 m) Jib length

Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	63	81.9	10,240*	-	-	-	-
	70	80.7	9,810*	-	-	-	-
	80	79.1	9,270*	81.8	7,330*	-	-
	90	77.4	8,730*	80.1	6,990*	-	-
	100	75.7	8,290*	78.4	6,710*	81.0	5,600*
	110	74.0	7,860*	76.7	6,410*	79.3	5,420*
	120	72.3	7,500*	75.0	6,160*	77.5	5,240*
	130	70.6	7,150*	73.3	5,940*	75.8	5,060*
	140	68.8	6,820*	71.5	5,720*	74.0	4,920*
	150	67.0	6,550*	69.7	5,520*	72.2	4,780*
250' (76.2 m)	160	65.2	6,290*	67.9	5,350*	70.3	4,660*
	170	63.4	6,040*	66.0	5,170*	68.4	4,540*
	180	61.5	5,820*	64.2	5,020*	66.5	4,460*
	190	59.6	5,620*	62.3	4,880*	64.6	4,350*
	200	57.7	5,430*	60.3	4,770*	62.6	4,280*
	210	55.7	5,260*	58.3	4,640*	60.6	4,200*
	220	53.7	5,100*	56.2	4,540*	58.5	4,150*
	230	51.6	4,950*	54.1	4,460*	56.3	4,090*
	240	49.5	4,830*	52.0	4,380*	54.1	4,070*
	250	47.2	4,720*	49.7	4,310*	51.8	4,040*

Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	64	82.0	10,210*	-	-	-	-
	70	81.0	9,860*	-	-	-	-
	80	79.4	9,300*	-	-	-	-
	90	77.8	8,790*	80.4	7,000*	-	-
	100	76.1	8,340*	78.8	6,710*	81.3	5,580*
	110	74.5	7,920*	77.1	6,440*	79.6	5,400*
	120	72.8	7,550*	75.4	6,190*	77.9	5,220*
	130	71.1	7,230*	73.7	5,970*	76.2	5,060*
	140	69.4	6,890*	72.0	5,740*	74.5	4,920*
	150	67.7	6,620*	70.3	5,550*	72.7	4,790*
260' (79.2 m)	160	66.0	6,340*	68.6	5,370*	70.9	4,670*
	170	64.2	6,100*	66.8	5,190*	69.1	4,550*
	180	62.4	5,890*	65.0	5,050*	67.3	4,450*
	190	60.6	5,670*	63.1	4,910*	65.4	4,360*
	200	58.7	5,480*	61.2	4,780*	63.5	4,270*
	210	56.8	5,320*	59.3	4,650*	61.5	4,190*
	220	54.9	5,160*	57.4	4,550*	59.5	4,130*
	230	52.9	5,000*	55.3	4,470*	57.5	4,080*
	240	50.8	4,870*	53.3	4,390*	55.4	4,050*
	250	48.7	4,770*	51.1	4,320*	53.2	4,000*
	260	46.5	4,650*	48.9	4,250*	50.9	4,000*



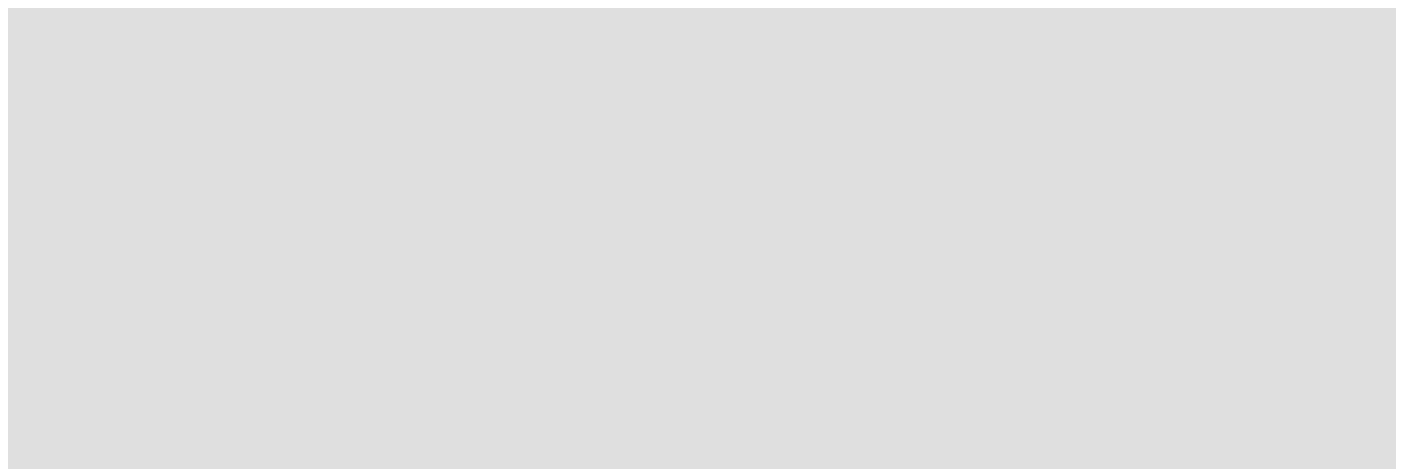
# With 92HI Offset Tip Boom and 195,000 Pound Counterweight, 16HL Jib

195 klb + 64 klb CB 

360°

ANSI B 30.5  
DIN/ISO

100' (30.5 m) Jib length															
Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset		Boom length	Jib Radius (Feet)	5.0 Deg offset		15.0 Deg offset		25.0 Deg offset	
		Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)			Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)	Boom Angle	Rating (Pounds)
	66	81.9	10,140*	-	-	-	-		68	82.0	10,090*	-	-	-	-
	70	81.2	9,890*	-	-	-	-		70	81.7	9,970*	-	-	-	-
	80	79.7	9,360*	-	-	-	-		80	80.2	9,450*	-	-	-	-
	90	78.1	8,850*	80.7	7,040*	-	-		90	78.7	8,970*	81.2	7,010*	-	-
	100	76.5	8,390*	79.1	6,710*	81.5	5,570*		100	77.2	8,510*	79.7	6,750*	82.0	5,520*
	110	74.9	8,000*	77.5	6,470*	79.9	5,390*		110	75.7	8,080*	78.1	6,460*	80.4	5,350*
	120	73.3	7,630*	75.8	6,210*	78.2	5,210*		120	74.2	7,720*	76.6	6,230*	78.9	5,180*
	130	71.7	7,290*	74.2	5,960*	76.6	5,060*		130	72.6	7,380*	75.1	5,980*	77.3	5,040*
	140	70.0	6,940*	72.6	5,760*	74.9	4,910*		140	71.1	7,050*	73.5	5,790*	75.7	4,880*
	150	68.3	6,660*	70.9	5,570*	73.2	4,770*		150	69.5	6,790*	71.9	5,590*	74.1	4,750*
270' (82.3 m)	160	66.7	6,380*	69.2	5,380*	71.5	4,640*	290' (88.4 m)	160	67.9	6,530*	70.3	5,400*	72.5	4,620*
	170	65.0	6,170*	67.5	5,220*	69.7	4,530*		170	66.3	6,270*	68.7	5,250*	70.9	4,520*
	180	63.2	5,920*	65.7	5,050*	68.0	4,440*		180	64.7	6,020*	67.1	5,080*	69.2	4,430*
	190	61.5	5,710*	63.9	4,910*	66.2	4,350*		190	63.1	5,810*	65.4	4,940*	67.5	4,320*
	200	59.7	5,540*	62.1	4,800*	64.3	4,270*		200	61.4	5,630*	63.7	4,830*	65.8	4,250*
	210	57.8	5,340*	60.3	4,660*	62.4	4,180*		210	59.7	5,460*	62.0	4,690*	64.1	4,160*
	220	56.0	5,180*	58.4	4,580*	60.5	4,120*		220	58.0	5,290*	60.3	4,580*	62.3	4,100*
	230	54.1	5,050*	56.5	4,480*	58.6	4,060*		230	56.2	5,130*	58.5	4,500*	60.5	4,040*
	240	52.1	4,920*	54.5	4,400*	56.5	4,030*		240	54.4	4,990*	56.7	4,400*	58.6	3,980*
	250	50.1	4,790*	52.4	4,320*	54.5	3,980*		250	52.5	4,860*	54.8	4,340*	56.7	3,950*
	260	48.0	4,700*	50.3	4,250*	52.3	3,970*		260	50.6	4,760*	52.9	4,260*	54.8	3,920*
	270	45.8	4,580*	48.2	4,200*	50.1	3,960*		270	48.7	4,660*	50.9	4,190*	52.8	3,890*
	67	81.9	10,110*	-	-	-	-		280	46.6	4,570*	48.9	4,140*	50.7	3,870*
	70	81.5	9,940*	-	-	-	-		290	44.6	4,480*	46.7	4,100*	48.5	3,870*
	80	79.9	9,390*	-	-	-	-								
	90	78.4	8,930*	80.9	7,010*	-	-								
	100	76.9	8,470*	79.4	6,730*	81.8	5,540*								
	110	75.3	8,040*	77.8	6,450*	80.2	5,360*								
	120	73.7	7,670*	76.2	6,220*	78.6	5,200*								
	130	72.2	7,340*	74.6	5,970*	77.0	5,050*								
	140	70.6	7,030*	73.0	5,770*	75.3	4,900*								
	150	68.9	6,740*	71.4	5,570*	73.7	4,760*								
280' (85.3 m)	160	67.3	6,450*	69.8	5,390*	72.0	4,640*								
	170	65.7	6,200*	68.1	5,220*	70.3	4,530*								
	180	64.0	5,990*	66.4	5,080*	68.6	4,440*								
	190	62.3	5,780*	64.7	4,940*	66.9	4,350*								
	200	60.6	5,590*	63.0	4,800*	65.1	4,260*								
	210	58.8	5,400*	61.2	4,680*	63.3	4,170*								
	220	57.0	5,230*	59.4	4,570*	61.5	4,110*								
	230	55.2	5,100*	57.5	4,490*	59.6	4,050*								
	240	53.3	4,950*	55.6	4,410*	57.6	4,000*								
	250	51.3	4,850*	53.7	4,330*	55.6	3,960*								
	260	49.4	4,720*	51.7	4,260*	53.6	3,940*								
	270	47.3	4,630*	49.6	4,200*	51.5	3,910*								
	280	45.2	4,540*	47.4	4,160*	49.3	3,910*								





# Notes to lifting capacity

## ⚠ Warning

This rating chart is invalid if the crane has been modified or altered by use of other than GENUINE AMERICAN PARTS as such modifications or alterations may affect its capacity or safe operation. See American Crane Corporation Service Bulletin #259.

Ratings in this chart are in POUNDS and do not exceed the percentage of tipping specified for this crane by ANSI B30.5. All ratings require that the crane be standing level on a firm uniformly supporting surface.

Do not lift loads in excess of those shown on this chart. Lifting loads in excess of those shown or operation not in accordance with good operating practice, including limitations shown on page 3499 of Operator's Manual, can cause tipping, structural damage or catastrophic failure.

Asterisk (\*) areas on this chart indicate ratings which are limited by strength of material or factors other than stability (tipping).

„RADIUS IN FEET“ is the horizontal distance at ground level from the crane centerline of rotation to a vertical line through the center of gravity of the suspended load.

When using the main boom fall with jib in place, the main fall ratings must be reduced by the jib effective weight shown on the jib rating chart plus twice the weight of all suspended blocks, slings, rope, etc., at the jib fall. See Appendix A.

Blocks, slings, buckets and other load carrying devices are considered part of the load. The weight of standard hoisting ropes for the rating at a given radius has been calculated as part of the boom point load and need not be considered in determining net allowable loads. See Appendix A.

Ratings shown on this chart make no allowance for such factors as out of plumb loads, wind, poor soil conditions and dynamic effects due to excessive operating speeds. The user (operator) must exercise judgement to make allowance for these conditions. See page 3499 of Operator's Manual for detailed information.

No account is taken of the wind force on the load. This effect, which can be substantial for loads with large surface areas, must be considered by the user. In any wind it is strongly recommended that taglines be used to control the load.

Combinations of boom or boom and jib with a total length exceeding 350 ft (107 m) can be operated at full rated capacity only in wind speeds of 15 mph (24 km/h) or less. If lifts are to be performed in winds between 15 mph (24 km/h) and 25 mph (40 km/h), ratings must be reduced 10%. No operation of the above combinations should be attempted in wind speeds over 40 km/h (25 mph). The above limitations do not take into account loads with excessive surface area which are not restrained by tag lines.

BOOM HOIST LINE is 18 parts of 7/8 inch diameter 6 x 26, WS, FW, RAL, IWRC, EIPS wire rope with a minimum breaking strength of 79,600 pounds.

BOOM PENDANT SUSPENSION is 4 parts of 1-3/8 inch diameter EEIPS wire rope with a minimum breaking strength of 211,000 pounds.

JIB BACKSTAY LINE is 7/8 inch diameter wire rope with a minimum breaking strength of 69,200 pounds.

JIB FRONTSTAY PENDANT SUSPENSION is 2 parts of 7/8 inch diameter wire rope with a minimum breaking strength of 69,200 pounds.

WHIPLINE is 1-1/8 inch diameter 6 x 25, FW, RRL, IWRC, EEIPS wire rope with a minimum breaking strength of 143,000 pounds.

## ERECTION

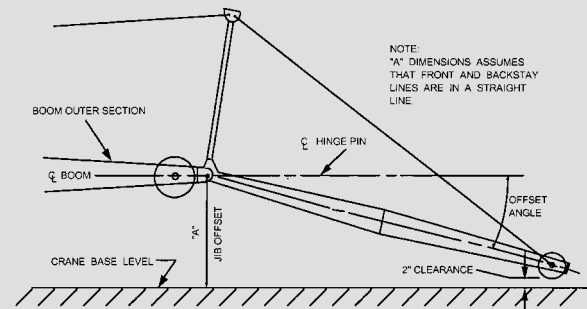
Erection „BLOCKED OVER THE END“ is with the boom over the idler end with idler tumblers blocked (See operator's manual for blocking instructions). Erection „OVER THE SIDE“ is with the boom 90° to the side frames. Blocks, slings and other load carrying devices must be on the ground during erection.

92HI OFFSET TIP BOOM MAXIMUM BOOM & JIB SELF-ERECTION DATA		
	BOOM LENGTH (FEET)	JIB LENGTH
		16HL JIB (FEET)
BLOCKED OVER THE END	300	50
	290	100
OVER THE SIDE	280	0
	270	70
	260	100

LOAD HOISTING INFORMATION - 1-1/8 inch diameter EEIPS wire rope			
MAXIMUM LIFTING CAPACITY - LBS.	MINIMUM PARTS OF LINE	MAXIMUM HOISTING DISTANCE - FEET	
		MAIN HOIST	AUX HOIST
32,000	1	1,310	1,310

BOOM COMPOSITION CHART - 92HI OFFSET TIP						
BOOM LENGTH (FEET)	BOOM SECTIONS					
	25' 92HI INNER	15' 92HT CENTER	20' 92HT CENTER	10' 92ST CENTER	50' 92ST CENTER	40' 92H OUTER
100	1	1	1	0	0	1
110	1	1	1	1	0	1
120	1	1	1	2	0	1
130	1	1	0	0	1	1
140	1	1	0	1	1	1
150	1	1	1	0	1	1
160	1	1	1	1	1	1
170	1	1	1	2	1	1
180	1	1	0	0	2	1
190	1	1	0	1	2	1
200	1	1	1	0	2	1
210	1	1	1	1	2	1
220	1	1	1	2	2	1
230	1	1	0	0	3	1
240	1	1	0	1	3	1
250	1	1	1	0	3	1
260	1	1	1	1	3	1
270	1	1	1	2	3	1
280	1	1	0	0	4	1
290	1	1	0	1	4	1

16HL JIB COMPOSITION CHART								
JIB LENGTH (FEET)	20' INNER	10' CENTER	20' CENTER	20' OUTER	EFF. JIB WEIGHT (POUNDS)	JIB OFFSET "A" IN FEET		
						5°	15°	25°
40	1	0	0	1	1,500	4' 10"	10' 2"	15' 1"
50	1	1	0	1	2,050	5' 8"	12' 1"	18' 3"
60	1	0	1	1	2,600	6' 6"	13' 10"	21' 2"
70	1	1	1	1	3,150	7' 1"	15' 10"	24' 4"
80	1	0	2	1	3,700	7' 9"	17' 8"	27' 4"
90	1	1	2	1	4,350	8' 4"	19' 7"	30' 7"
100	1	0	3	1	4,950	9' 0"	21' 4"	33' 6"



NOTE:  
\*A\* DIMENSIONS ASSUMES THAT FRONT AND BACKSTAY LINES ARE IN A STRAIGHT LINE





# Technical description

## Hydraulic Crawler Crane

### Maximum lifting capacity

275 tons (249.5 m).

### 300 ft (91.4 m) maximum lift crane boom

- 92HI tubular chord boom, pin connected.
- 65 ft (19.8 m) inner and outer and 10 / 15 / 20 / 50 ft (3 / 4.5 / 6 / 15 m) available inserts provide boom compositions in 10 ft (3 m) increments from 65 ft (19.8 m) to 300 ft (91.4 m).

### Robust engine

- Cummins Model QSL9-C diesel engine supplies 325 HP (242 kW) @ 2000 rpm, 542 cu. in. (9 l) displacement, 180 gallons (681 l) fuel capacity.

### Environmental operator's cab

- Designed to provide excellent viewing range and quiet, comfortable operation.
- 37 in. (0.91 m) wide cab has wide curved windows on both top and bottom.
- Easy-to-operate modular and ergonomically designed controls reduce operator fatigue and increase productivity.
- Load Moment Indicator with interactive screen features a shockless stop system. Operator can select from three display modes: loaded condition diagram, rated lifting curve, and rated lifting load table.
- Adjustable operator's seat, radio, air conditioner, overhead window, sun visor, fan, overhead and front wipers, and drum rotation indicators standard.

### Heavy duty carbody and crawlers

- Fabricated steel carbody is deep box constructed with square axles for the crawler side frames. Precision machined top supports anti-friction swing circle and multiple pass hydraulic swivel joint.
- Crawlers have high alloy steel tumbler yokes and rigid fabricated structures with built-in sealed automatic lubrication system.
- 48" (1219 mm) crawler shoes.
- Travel mechanism is set within shoe width.
- Side frames extended or retracted by cylinders inside the carbody.
- Two travel speed settings – 0.55 / 0.37 mph (0.88 / 0.60 km/h).
- 30 % (17°) gradeability.

### Powerful, high-speed hoist system

- Two identical independent main and auxiliary load hoisting drums provide ample lifting power. Drums are grooved for 1-1/8 in. (28 mm) diameter rope. Max. line speed is 540 fpm (165 m/min), max. single line pull is 54,060 lb (24 522 kg). Rated single line pull is 40,850 lb (18 530 kg). Freefall on main and auxiliary drums.
- Each drum, including optional third, has power up/down. Load hoists are further controllable in stepless mode.
- Ample work space in front of drums allows easy access for cable installation and maintenance.
- External contracting brake.
- Internal expanding band clutch.
- Separate caption for swing.
- 1.7 rpm swing speed.

### High capacity, dependable hydraulic system

- Open circuit system has 2 variable displacement piston pumps which supply power to the travel and hoisting functions, 3 gear pumps provide power for swing, hydraulic cylinders and pilot pressure.
- Hydraulic reservoir with 90 gallons (341 l) capacity and 10 micron filtration. System capacity is 150 gallons (568 l).
- Component working range is between -4 and 203° F (-20 and 95° C).

### Thirteen piece removable counterweight

- 13 piece pin connected counterweight can be assembled or disassembled easily within minutes.
- Hydraulic counterweight removal system is standard and makes the HC 275 one of the most transportable cranes in its class.
- Moves on 11 trucks with 260 ft (79.2 m) boom and 105 ft (32.0 m) of jib. At 11 ft 6 in. (3.51 m) wide and 11 ft 3 in. (3.43 m) high, the basic HC 275 will transport on a standard lowboy trailer.

### Options include

- Third drum.
- Single sheave extension.
- Choice of 16HL – 32,000 lb (14 515 kg), #30 – 60,000 lb (27 216 kg), or #40 – 80,000 lb (36 287 kg) capacity jib.
- Reeving winch.

# Transport example for HC 275

## 260' 92HI Boom with six sheave offset tip & 105' of jib

Loads required as follows: (weights shown do NOT include blocking or tie-down material)

<b>LOAD NO. 1</b>	
3 x counterweight overlays @ 13,000 lbs each .....	39,000 lbs.
1 x 50' boom center section .....	5,000 lbs.
<b>TOTAL LOAD</b> .....	<b>44,000 lbs.</b>
<b>LOAD NO. 2</b>	
3 x counterweight overlays @ 13,000 lbs each .....	39,000 lbs.
1 x 50' boom center section .....	5,000 lbs.
<b>TOTAL LOAD</b> .....	<b>44,000 lbs.</b>
<b>LOAD NO. 3</b>	
3 x counterweight overlays @ 13,000 lbs each .....	39,000 lbs.
1 x 50' boom center section .....	5,000 lbs.
<b>TOTAL LOAD</b> .....	<b>44,000 lbs.</b>
<b>LOAD NO. 4</b>	
1 x counterweight overlays @ 13,000 lbs each .....	13,000 lbs.
40' six sheave outer section .....	6,660 lbs.
<b>TOTAL LOAD</b> .....	<b>19,660 lbs.</b>
<b>LOAD NO. 5</b>	
25' boom inner section .....	6,500 lbs.
Front carbody counterweight .....	32,000 lbs.
<b>TOTAL LOAD</b> .....	<b>38,500 lbs.</b>
<b>LOAD NO. 6</b>	
2 x counterweight overlays @ 13,000 lbs each .....	26,000 lbs.
1 x 20' boom center section .....	3,010 lbs.
1 x 10' boom center section .....	1,375 lbs.
1 x 15' boom center section .....	2,750 lbs.
<b>TOTAL LOAD</b> .....	<b>33,135 lbs.</b>
<b>LOAD NO. 7</b>	
Base counterweight .....	39,000 lbs.
<b>TOTAL LOAD</b> .....	<b>39,000 lbs.</b>
<b>LOAD NO. 8</b>	
Crawler side frame .....	48,000 lbs.
<b>TOTAL LOAD</b> .....	<b>48,000 lbs.</b>
<b>LOAD NO. 9</b>	
Crawler side frame .....	48,000 lbs.
<b>TOTAL LOAD</b> .....	<b>48,000 lbs.</b>
<b>LOAD NO. 10</b>	
Rear carbody counterweight .....	32,000 lbs.
12.5' jib inner .....	965 lbs.
12.5' jib outer .....	910 lbs.
Jib mast .....	900 lbs.
2 x 10' jib center sections @ 460 each .....	920 lbs.
2 x 30' jib center sections @ 1,300 each .....	2,600 lbs.
Miscellaneous .....	5,000 lbs.
<b>TOTAL LOAD</b> .....	<b>43,295 lbs.</b>
<b>LOAD NO. 11</b>	
Upperworks and Carbody .....	107,000 lbs.

5

## Key

 Counterweight

CB Central ballast

The information contained in this brochure merely consists of general descriptions and a broad compilation of performance features which might not apply precisely as described under specific application conditions or which may change as a result of further product development.  
The desired performance features only become binding once expressly agreed in the final contract.

Subject to change without notice. · Machine operation is subject to computer charts only.

03/03

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# AMERICAN HC 275

## Hydraulic Crawler Crane 92 HI Boom

### LIFT RATINGS IN POUNDS

With 92HI Offset Tip Boom and 172,000 Pound Counterweight

Boom Length	Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)	Boom Length	Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)	Boom Length	Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)	
65' (21.3M)	16	81.4	550,000 *	77	120' (con't)	90	45.5	55,890	93	170' (51.8M)	30	82.0	249,690 *	176	
	20	77.8	431,740 *	76		100	38.2	48,350	82		35	80.3	203,060	175	
	25	73.2	342,870 *	75		110	29.4	42,320	67		40	78.5	166,810	174	
	30	68.5	260,230	74		120	16.9	37,480	43		50	75.1	121,560	172	
	35	63.6	205,850	72	130' (39.6M)	25	81.7	321,040 *	136		60	71.5	94,620	169	
	40	58.5	169,740	69		30	79.5	259,300	135		70	67.9	76,810	165	
	50	47.2	124,690	62		35	77.2	204,710	134		80	64.2	63,830	161	
60	33.1	97,730	52	40		74.9	168,530	133	90	60.4	54,090	155			
80' (24.4M)	18	81.6	480,390 *	87		50	70.3	123,360	130	100	56.4	46,530	149		
	20	80.1	431,080 *	86		60	65.5	96,430	126	110	52.3	40,500	142		
	25	76.4	342,340 *	85		70	60.5	78,580	121	120	47.8	35,850	134		
	30	72.7	260,560	84	80	55.3	65,650	115	130	43.0	31,710	124			
	35	68.9	206,110	82	90	49.7	55,940	107	140	37.8	28,210	112			
	40	64.9	169,970	80	100	43.6	48,410	97	150	31.8	25,200	97			
	50	56.6	124,870	74	110	36.6	42,380	85	160	24.6	22,600	78			
90' (27.4M)	60	47.4	97,910	67	140' (42.7M)	26	81.9	297,000 *	146	180' (54.9M)	32	81.8	215,060 *	186	
	70	36.5	79,960	55		30	80.2	258,940	146		35	80.8	202,820	185	
	80	21.0	67,040	36		35	78.1	204,320	145		40	79.2	166,600	184	
	100' (30.5M)	19	81.8	453,450 *		97	40	76.0	168,130		144	50	75.9	121,360	182
		20	81.2	430,220 *		97	50	71.8	122,940		141	60	72.6	94,450	179
		25	78.0	341,540 *		96	60	67.4	96,010		137	70	69.2	76,660	176
		30	74.7	260,340		94	70	62.8	78,170		132	80	65.8	63,680	172
		35	71.3	205,850	93	80	58.1	65,230	127		90	62.2	53,950	167	
		40	67.9	169,700	91	90	53.1	55,520	120		100	58.5	46,390	161	
		50	60.8	124,580	86	100	47.8	47,980	111		110	54.7	40,350	155	
60		53.1	97,620	80	110	41.9	41,950	101	120	50.7	35,720	147			
70		44.5	79,700	71	120	35.2	37,200	88	130	46.4	31,600	138			
80		34.2	66,780	58	130	27.2	33,060	72	140	41.8	28,090	128			
90	19.7	57,080	38	140	15.6	29,550	45	150	36.7	25,100	115				
100' (30.5M)	21	81.5	407,940 *	107	150' (45.7M)	28	81.7	288,860	156	190' (57.9M)	33	81.9	199,300 *	196	
	25	79.2	340,540 *	106		30	80.9	258,550	156		35	81.3	197,990 *	195	
	30	76.2	259,990	105		35	78.9	203,880	155		40	79.8	166,180	195	
	35	73.3	205,460	103		40	77.0	167,670	154		50	76.7	120,930	193	
	40	70.2	169,290	102		50	73.0	122,460	151		60	73.6	94,000	190	
	50	64.0	124,150	98		60	69.0	95,530	148		70	70.4	76,220	187	
	60	57.3	97,190	92		70	64.8	77,690	143		80	67.1	63,230	183	
	70	50.1	79,290	84		80	60.5	64,740	138		90	63.8	53,490	178	
	80	42.1	66,360	75		90	55.9	55,020	132		100	60.4	45,920	173	
	90	32.4	56,670	61		100	51.2	47,470	124		110	56.8	40,240	167	
100	18.6	49,130	40	110	46.0	41,440	116	120	53.1	35,280	160				
110' (33.5M)	22	81.8	387,980 *	117	160' (48.8M)	110	46.0	41,440	116	200' (61.0M)	35	81.7	193,970 *	206	
	25	80.2	339,650 *	116		120	40.4	36,720	105		40	80.3	165,740	205	
	30	77.5	259,670	115		130	34.0	32,590	91		50	77.4	120,900	203	
	35	74.8	205,110	114		140	26.2	29,090	74		60	74.4	93,520	200	
	40	72.1	168,930	112		150	15.1	26,080	47		70	71.4	75,740	197	
	50	66.5	123,770	109		120' (36.6M)	29	81.8	270,330 *		166	80	68.3	62,740	194
	60	60.6	96,820	104			30	81.5	258,170		166	90	65.2	52,990	189
	70	54.4	78,920	97			35	79.6	203,480		165	100	62.0	45,410	184
	80	47.6	66,000	89			40	77.8	167,250		164	110	58.7	39,750	179
	90	40.0	56,300	78			50	74.1	122,020		162	120	55.3	34,790	172
100	30.8	48,760	64	60	70.3		95,080	158	130	51.7	30,640	165			
110	17.7	42,740	41	70	66.5		77,260	154	140	47.9	27,140	156			
120' (36.6M)	23	82.0	369,440 *	126	80		62.5	64,280	150	150	43.9	24,150	146		
	25	81.0	338,750 *	126	90		58.3	54,570	144						
	30	78.6	259,330	125	100		54.0	47,010	137						
	35	76.1	204,730	124	110	49.4	40,970	129							
	40	73.6	168,540	123	120	44.5	36,290	120							
	50	68.6	123,360	119	130	39.0	32,150	108							
	60	63.3	96,410	115	140	32.8	28,660	94							
	70	57.8	78,530	109	150	25.3	25,650	76							
	80	51.9	65,590	102											

# LIFT RATINGS IN POUNDS (continued)

With 92HI Offset Tip Boom and 172,000 Pound Counterweight

Boom Length	Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)
200' (con't)	160	39.5	21,540	135
	170	34.7	19,260	122
	180	29.2	17,260	105
	190	22.6	15,480	84
210' (64.0M)	36	81.8	174,640 *	216
	40	80.7	165,310	215
	50	78.0	120,460	213
	60	75.2	93,060	211
	70	72.3	75,280	208
	80	69.4	62,270	204
	90	66.5	52,510	200
	100	63.4	44,930	195
	110	60.3	39,290	190
	120	57.1	34,320	184
	130	53.8	30,180	177
	140	50.3	26,680	169
	150	46.7	23,670	160
	160	42.7	21,080	150
	170	38.5	18,790	138
	180	33.8	16,790	125
	190	28.5	15,010	108
200	22.0	13,420	86	
220' (67.1M)	37	82.0	156,330 *	225
	40	81.2	156,330 *	225
	50	78.5	120,030	223
	60	75.8	92,590	221
	70	73.1	74,820	218
	80	70.4	61,800	215
	90	67.6	52,030	211
	100	64.7	44,440	207
	110	61.8	38,830	202
	120	58.8	33,850	196
	130	55.7	29,710	189
	140	52.5	26,200	182
	150	49.1	23,200	174
	160	45.5	20,590	165
	170	41.7	18,320	154
	180	37.6	16,310	142
	190	33.0	14,520	128
200	27.8	12,930	110	
210	21.5	11,500	88	
230' (70.1M)	39	81.8	132,640 *	235
	40	81.6	132,510 *	235
	50	79.0	119,760	233
	60	76.5	92,320	231
	70	73.9	74,580	229
	80	71.3	61,550	225
	90	68.6	51,780	222
	100	65.9	44,190	218
	110	63.1	38,600	213
	120	60.3	33,630	207
	130	57.4	29,490	201
	140	54.4	25,980	195
	150	51.2	22,980	187
	160	47.9	20,380	178
	170	44.5	18,100	169
	180	40.7	16,090	158
	190	36.7	14,310	145
200	32.3	12,710	131	
210	27.2	11,280	113	
220	21.0	9,990	90	
240' (73.2M)	40	81.9	119,340 *	245
	50	79.5	119,330	244
	60	77.1	91,870	242
	70	74.6	74,130	239
	80	72.1	61,090	236
	90	69.6	51,310	233
	100	67.0	43,720	229
	110	64.3	38,150	224
	120	61.7	33,180	219

Boom Length	Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)	
240' (con't)	130	58.9	29,030	213	
	140	56.1	25,520	207	
	150	53.1	22,520	200	
	160	50.0	19,910	192	
	170	46.8	17,630	183	
	180	43.5	15,620	173	
	190	39.8	13,840	161	
	200	35.9	12,240	148	
	210	31.6	10,810	133	
	220	26.6	9,520	115	
	230	20.6	8,340	92	
	250' (76.2M)	42	81.8	117,270 *	255
		50	79.9	117,270 *	254
60		77.6	91,400	252	
70		75.2	73,650	249	
80		72.8	60,600	247	
90		70.4	50,810	243	
100		67.9	43,210	239	
110		65.4	37,660	235	
120		62.9	32,680	230	
130		60.3	28,530	225	
140		57.6	25,020	219	
150		54.8	22,010	212	
260' (79.2M)		43	81.9	107,130 *	265
	50	80.3	107,130 *	264	
	60	78.1	90,940	262	
	70	75.8	73,210	260	
	80	73.5	60,130	257	
	90	71.2	50,340	254	
	100	68.8	42,730	250	
	110	66.4	37,190	246	
	120	64.0	32,210	241	
	130	61.5	28,060	236	
	140	59.0	24,550	230	
	150	56.4	21,530	224	
	160	53.7	18,920	217	
170	50.9	16,640	209		
180	48.0	14,630	201		
190	44.9	12,840	191		
200	41.7	11,250	180		
210	38.2	9,800	168		
220	34.5	8,510	155		
230	30.3	7,330	139		
240	25.5	6,260	120		
250	19.7	5,290	95		
270' (82.3M)	44	82.0	98,020 *	275	
	50	80.7	98,020 *	274	
	60	78.5	90,460	272	
	70	76.3	72,740	270	
	80	74.1	59,660	267	
	90	71.9	49,850	264	
	100	69.7	42,240	261	
	110	67.4	36,730	257	
	120	65.1	31,740	252	
	130	62.7	27,580	248	
	140	60.3	24,060	242	
	150	57.8	21,050	236	
	160	55.2	18,440	229	
170	52.6	16,160	222		
180	49.8	14,140	214		
190	47.0	12,350	205		

Boom Length	Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)
270' (con't)	200	44.0	10,750	195
	210	40.8	9,320	184
	220	37.5	8,020	172
	230	33.8	6,840	158
	240	29.7	5,760	141
	250	25.0	4,780	122
	280' (85.3M)	46	81.8	84,470 *
50		81.0	84,270 *	284
60		78.9	83,540 *	282
70		76.8	72,440	280
80		74.7	59,360	278
90		72.6	49,560	275
100		70.4	41,930	271
110		68.2	36,440	268
120		66.0	31,460	263
130		63.7	27,300	259
140		61.4	23,790	254
150		59.1	20,770	248
160		56.6	18,160	242
170		54.1	15,880	235
180		51.6	13,870	227
190		48.9	12,080	219
200		46.1	10,480	209
210	43.2	9,040	199	
220	40.1	7,740	188	
230	36.7	6,560	175	
240	33.2	5,480	161	
250	29.2	4,500	144	
290' (88.4M)	47	81.9	76,270 *	295
	50	81.3	75,930 *	294
	60	79.3	75,260 *	293
	70	77.3	71,990	291
	80	75.3	58,900	288
	90	73.2	49,090	285
	100	71.1	41,460	282
	110	69.0	35,990	278
	120	66.9	31,000	274
	130	64.7	26,840	270
	140	62.5	23,320	265
	150	60.2	20,300	259
	160	57.9	17,690	253
170	55.6	15,400	247	
180	53.1	13,390	240	
190	50.6	11,600	232	
200	48.0	10,000	223	
210	45.3	8,560	214	
220	42.4	7,250	203	
230	39.3	6,080	191	
240	36.1	5,000	178	
300' (91.4M)	49	81.8	74,730 *	305
	50	81.6	74,730 *	304
	60	79.7	73,910 *	303
	70	77.7	71,530	301
	80	75.8	58,420	298
	90	73.8	48,590	296
	100	71.8	40,950	293
	110	69.7	35,500	289
	120	67.7	30,510	285
	130	65.6	26,340	281
	140	63.5	22,820	276
	150	61.3	19,800	271
	160	59.1	17,190	265
170	56.9	14,890	259	
180	54.5	12,880	252	
190	52.2	11,090	245	
200	49.7	9,490	236	
210	47.1	8,050	227	
220	44.4	6,740	218	
230	41.6	5,560	207	
240	38.7	4,480	195	







# LIFT RATINGS IN POUNDS (continued)

With 92HI Offset Tip Boom and 172,000 Pound Counterweight, 16HL Jib

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
40' (12.2M) JIB & 280' (85.3M) BOOM	54	81.8	32,000*				
	60	80.7	32,000*	81.9	32,000*		
	70	78.9	32,000*	80.1	32,000*	81.2	32,000*
	80	77.1	32,000*	78.3	32,000*	79.4	30,960*
	90	75.3	32,000*	76.4	32,000*	77.5	29,370*
	100	73.4	32,000*	74.6	32,000*	75.7	27,940*
	110	71.5	32,000*	72.7	32,000*	73.8	26,660*
	120	69.6	31,430	70.8	31,430	71.8	25,520*
	130	67.7	27,320	68.9	27,320	69.9	24,480*
	140	65.8	23,850	66.9	23,850	67.9	23,600*
	150	63.8	20,870	64.9	20,880	65.9	20,890
	160	61.8	18,310	62.9	18,310	63.9	18,320
	170	59.7	16,050	60.9	16,060	61.8	16,070
	180	57.6	14,080	58.7	14,090	59.7	14,100
	190	55.5	12,320	56.6	12,330	57.5	12,340
	200	53.3	10,760	54.4	10,760	55.3	10,780
	210	51.0	9,360	52.1	9,360	53.0	9,370
	220	48.7	8,100	49.7	8,100	50.6	8,120
	230	46.2	6,950	47.3	6,960	48.1	6,970
	240	43.7	5,920	44.7	5,920	45.5	5,940
	250	41.0	4,970	42.0	4,980	42.7	4,990
260	38.2	4,110	39.2	4,120	39.8	4,130	
270	35.1	3,320	36.1	3,330	36.7	3,350	
40' (12.2M) JIB & 290' (88.4M) BOOM	55	81.9	32,000*				
	60	81.0	32,000*				
	70	79.3	32,000*	80.4	32,000*	81.5	32,000*
	80	77.5	32,000*	78.6	32,000*	79.7	31,320*
	90	75.7	32,000*	76.9	32,000*	77.9	29,730*
	100	73.9	32,000*	75.1	32,000*	76.1	28,280*
	110	72.1	32,000*	73.2	32,000*	74.3	26,990*
	120	70.3	30,910	71.4	30,910	72.4	25,780*
	130	68.4	26,800	69.6	26,800	70.6	24,810*
	140	66.6	23,330	67.7	23,330	68.7	23,340
	150	64.7	20,350	65.8	20,350	66.7	20,370
	160	62.7	17,770	63.8	17,780	64.8	17,790
	170	60.7	15,530	61.8	15,530	62.8	15,550
	180	58.7	13,550	59.8	13,550	60.7	13,560
	190	56.7	11,800	57.7	11,800	58.7	11,810
	200	54.6	10,230	55.6	10,240	56.5	10,250
	210	52.4	8,820	53.5	8,830	54.3	8,840
	220	50.2	7,550	51.2	7,560	52.1	7,570
	230	47.9	6,400	48.9	6,410	49.7	6,430
	240	45.5	5,370	46.5	5,380	47.3	5,390
	250	43.0	4,420	44.0	4,430	44.7	4,440
260	40.3	3,550	41.3	3,560	42.0	3,580	
40' (12.2M) JIB & 300' (91.4M) BOOM	56	82.0	32,000*				
	60	81.3	32,000*				
	70	79.6	32,000*	80.7	32,000*	81.8	32,000*
	80	77.9	32,000*	79.0	32,000*	80.0	31,530*
	90	76.1	32,000*	77.3	32,000*	78.3	29,940*
	100	74.4	32,000*	75.5	32,000*	76.5	28,470*
	110	72.7	32,000*	73.8	32,000*	74.8	27,250*
	120	70.9	30,370	72.0	30,370	73.0	26,170*
	130	69.1	26,260	70.2	26,260	71.2	25,030*
	140	67.3	22,780	68.4	22,780	69.3	22,790
	150	65.4	19,800	66.5	19,800	67.5	19,810
	160	63.6	17,230	64.6	17,240	65.6	17,250
	170	61.7	14,970	62.7	14,980	63.7	14,990
	180	59.8	12,990	60.8	13,000	61.7	13,010
	190	57.8	11,230	58.8	11,240	59.7	11,250
	200	55.8	9,660	56.8	9,670	57.7	9,680
	210	53.7	8,260	54.7	8,260	55.6	8,270
	220	51.6	6,990	52.6	7,000	53.4	7,010
	230	49.4	5,840	50.4	5,850	51.2	5,860
	240	47.1	4,790	48.1	4,800	48.9	4,820
	250	44.8	3,850	45.7	3,860	46.5	3,870
50' (15.2M) JIB & 130' (39.6M) BOOM	35	81.8	32,000*				
	40	80.2	32,000*				
	50	77.0	31,320*	79.6	28,880*		
	60	73.7	30,180*	76.3	27,950*	78.8	25,020*
	70	70.4	29,140*	73.0	27,200*	75.4	22,960*
	80	66.9	28,190*	69.5	26,560*	71.9	21,180*
	90	63.4	27,440*	66.0	25,820*	68.3	19,660*
	100	59.8	26,620*	62.3	23,700*	64.6	18,410*

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
130' (con't)	110	56.0	26,010*	58.5	21,930*	60.7	17,400*
	120	52.1	24,520*	54.5	20,470*	56.6	16,470*
	130	47.9	22,710*	50.3	19,200*	52.3	15,710*
50' (15.2M) JIB & 140' (42.7M) BOOM	36	81.9	32,000*				
	40	80.7	32,000*				
	50	77.7	31,450*	80.2	28,930*		
	60	74.6	30,350*	77.1	28,110*	79.4	25,490*
	70	71.4	29,470*	73.9	27,330*	76.2	23,390*
	80	68.2	28,510*	70.7	26,690*	72.9	21,640*
	90	64.9	27,640*	67.4	26,040*	69.6	20,140*
	100	61.6	26,990*	63.9	24,490*	66.1	18,890*
	110	58.1	26,240*	60.4	22,680*	62.5	17,780*
	120	54.4	25,650*	56.7	21,180*	58.8	16,890*
	130	50.6	23,830*	52.9	19,910*	54.8	16,120*
	140	46.5	22,230*	48.8	18,780*	50.6	15,450*
	50' (15.2M) JIB & 150' (45.7M) BOOM	38	81.8	32,000*			
40	81.2	32,000*					
50	78.3	31,720*	80.7	29,000*			
60	75.4	30,630*	77.7	28,270*	80.0	25,820*	
70	72.4	29,660*	74.7	27,530*	76.9	23,800*	
80	69.4	28,820*	71.7	26,870*	73.8	22,000*	
90	66.3	27,930*	68.6	26,290*	70.7	20,510*	
100	63.1	27,250*	65.4	25,310*	67.4	19,300*	
110	59.8	26,600*	62.1	23,480*	64.1	18,240*	
120	56.4	26,010*	58.7	21,900*	60.6	17,300*	
130	52.9	24,810*	55.1	20,570*	57.0	16,510*	
140	49.2	23,190*	51.4	19,400*	53.2	15,760*	
150	45.2	21,780*	47.4	18,400*	49.1	15,230*	
50' (15.2M) JIB & 160' (48.8M) BOOM	39	81.9	32,000*				
40	81.6	32,000*					
50	78.9	31,880*	81.1	29,090*			
60	76.1	30,800*	78.3	28,270*	80.5	26,160*	
70	73.2	29,820*	75.5	27,610*	77.6	24,160*	
80	70.4	29,050*	72.6	26,970*	74.7	22,430*	
90	67.5	28,160*	69.7	26,430*	71.7	20,930*	
100	64.5	27,500*	66.7	25,900*	68.6	19,710*	
110	61.4	26,840*	63.6	24,200*	65.5	18,580*	
120	58.2	26,190*	60.4	22,630*	62.3	17,670*	
130	55.0	25,700*	57.1	21,260*	58.9	16,840*	
140	51.5	24,160*	53.6	20,050*	55.4	16,140*	
150	47.9	22,670*	50.0	18,980*	51.7	15,490*	
160	44.1	21,300*	46.1	18,100*	47.7	14,990*	
50' (15.2M) JIB & 170' (51.8M) BOOM	40	82.0	32,000*				
50	79.4	31,920*	81.5	29,150*			
60	76.7	30,970*	78.9	28,390*	80.9	26,390*	
70	74.0	30,100*	76.2	27,700*	78.2	24,420*	
80	71.3	29,230*	73.4	27,060*	75.4	22,790*	
90	68.5	28,430*	70.6	26,480*	72.6	21,300*	
100	65.7	27,710*	67.8	26,010*	69.7	20,030*	
110	62.8	27,110*	64.9	24,930*	66.7	18,960*	
120	59.8	26,440*	61.9	23,300*	63.7	17,990*	
130	56.8	25,920*	58.8	21,900*	60.6	17,200*	
140	53.6	25,160*	55.6	20,710*	57.3	16,490*	
150	50.2	23,590*	52.2	19,620*	53.9	15,850*	
160	46.7	22,190*	48.7	18,650*	50.3	15,270*	
170	43.0	21,000*	44.9	17,830*	46.4	14,800*	
50' (15.2M) JIB & 180' (54.9M) BOOM	42	81.8	32,000*				
50	79.8	32,000*	81.9	29,100*			
60	77.3	31,060*	79.4	28,450*	81.3	26,390*	
70	74.7	30,240*	76.8	27,760*	78.7	24,750*	
80	72.1	29,390*	74.2	27,130*	76.1	23,150*	
90	69.5	28,580*	71.5	26,660*	73.4	21,650*	
100	66.8	27,930*	68.8	26,120*	70.7	20,390*	
110	64.1	27,270*	66.1	25,670*	67.9	19,300*	
120	61.3	26,700*	63.3	23,980*	65.0	18,380*	
130	58.4	26,150*	60.3	22,510*	62.1	17,550*	
140	55.4	25,600*	57.3	21,300*	59.0	16,800*	
150	52.3	24,420*	54.2	20,190*	55.8	16,150*	
160	49.1	22,980*	50.9	19,200*	52.5	15,580*	
170	45.6	21,480	47.5	18,350*	49.0	15,080*	
180	42.0	19,530	43.8	17,610*	45.2	14,660*	

# LIFT RATINGS IN POUNDS (continued)

## With 92HI Offset Tip Boom and 172,000 Pound Counterweight, 16HL Jib

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
50' (15.2M) JIB & 190' (57.9M) BOOM	43	81.9	32,000*				
	50	80.3	32,000*				
	60	77.8	31,130*	79.8	28,510*	81.7	26,360*
	70	75.4	30,280*	77.4	27,860*	79.2	25,130*
	80	72.9	29,550*	74.9	27,230*	76.7	23,410*
	90	70.4	28,840*	72.3	26,730*	74.1	21,980*
	100	67.8	28,150*	69.8	26,210*	71.5	20,720*
	110	65.2	27,510*	67.2	25,790*	68.9	19,640*
	120	62.6	26,880*	64.5	24,580*	66.2	18,720*
	130	59.9	26,300*	61.7	23,160*	63.4	17,830*
	140	57.0	25,890*	58.9	21,860*	60.5	17,100*
	150	54.1	25,320*	56.0	20,710*	57.5	16,410*
160	51.1	23,170	52.9	19,750*	54.4	15,870*	
170	48.0	20,940	49.7	18,860*	51.2	15,330*	
180	44.6	18,990	46.4	18,070*	47.8	14,890*	
190	41.1	17,250	42.8	17,260	44.1	14,540*	
50' (15.2M) JIB & 200' (61.0M) BOOM	45	81.8	32,000*				
	50	80.6	32,000*				
	60	78.3	31,310*	80.2	28,520*		
	70	76.0	30,430*	77.9	27,950*	79.6	25,400*
	80	73.6	29,640*	75.5	27,320*	77.2	23,740*
	90	71.2	28,940*	73.1	26,770*	74.8	22,270*
	100	68.8	28,280*	70.6	26,380*	72.3	21,100*
	110	66.3	27,700*	68.1	25,870*	69.8	20,010*
	120	63.8	27,040*	65.6	25,240*	67.2	19,010*
	130	61.2	26,570*	63.0	23,730*	64.6	18,130*
	140	58.5	26,100*	60.3	22,430*	61.9	17,410*
	150	55.8	25,150	57.6	21,240*	59.1	16,730*
160	53.0	22,600	54.7	20,290*	56.2	16,160*	
170	50.0	20,360	51.7	19,380*	53.2	15,600*	
180	46.9	18,400	48.6	18,410	50.0	15,150*	
190	43.7	16,660	45.3	16,670	46.6	14,760*	
200	40.2	15,110	41.8	15,120	43.0	14,400*	
50' (15.2M) JIB & 210' (64.0M) BOOM	46	81.9	32,000*				
	50	81.0	32,000*				
	60	78.8	31,360*	80.6	28,540*		
	70	76.5	30,590*	78.4	27,920*	80.1	25,680*
	80	74.3	29,860*	76.1	27,450*	77.8	24,000*
	90	72.0	29,110*	73.8	26,880*	75.4	22,570*
	100	69.6	28,410*	71.4	26,440*	73.1	21,320*
	110	67.3	27,840*	69.0	25,970*	70.6	20,270*
	120	64.9	27,250*	66.6	25,580*	68.2	19,290*
	130	62.4	26,690*	64.1	24,290*	65.7	18,480*
	140	59.9	26,230*	61.6	22,980*	63.1	17,690*
	150	57.3	24,610	59.0	21,790*	60.5	17,030*
160	54.6	22,050	56.3	20,780*	57.7	16,420*	
170	51.8	19,810	53.5	19,820	54.9	15,840*	
180	49.0	17,840	50.6	17,850	52.0	15,360*	
190	45.9	16,100	47.6	16,110	48.9	14,940*	
200	42.8	14,550	44.3	14,560	45.6	14,570	
210	39.4	13,160	40.9	13,170	42.1	13,190	
50' (15.2M) JIB & 220' (67.1M) BOOM	47	82.0	32,000*				
	50	81.3	32,000*				
	60	79.2	31,420*	81.0	28,520*		
	70	77.0	30,750*	78.8	27,970*	80.4	25,850*
	80	74.9	29,950*	76.6	27,480*	78.2	24,260*
	90	72.6	29,210*	74.4	26,920*	76.0	22,850*
	100	70.4	28,660*	72.1	26,510*	73.7	21,650*
	110	68.1	27,990*	69.9	26,050*	71.4	20,520*
	120	65.8	27,450*	67.5	25,630*	69.1	19,620*
	130	63.5	26,900*	65.2	24,860*	66.7	18,700*
	140	61.1	26,370*	62.8	23,560*	64.2	17,920*
	150	58.6	24,060	60.3	22,370*	61.7	17,300*
160	56.1	21,490	57.7	21,240*	59.2	16,690*	
170	53.5	19,260	55.1	19,260	56.5	16,080*	
180	50.8	17,280	52.4	17,290	53.7	15,620*	
190	48.0	15,540	49.6	15,550	50.8	15,160*	
200	45.0	13,990	46.6	14,000	47.8	14,020	
210	41.9	12,600	43.4	12,610	44.6	12,630	
220	38.6	11,350	40.1	11,360	41.2	11,380	

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
50' (15.2M) JIB & 230' (70.1M) BOOM	49	81.9	32,000*				
	50	81.7	32,000*				
	60	79.6	31,420*	81.3	28,460*		
	70	77.5	30,750*	79.2	28,040*	80.8	25,860*
	80	75.4	30,010*	77.1	27,490*	78.7	24,490*
	90	73.3	29,290*	75.0	27,050*	76.5	23,100*
	100	71.1	28,680*	72.8	26,550*	74.3	21,880*
	110	69.0	28,150*	70.6	26,140*	72.1	20,850*
	120	66.8	27,530*	68.4	25,750*	69.9	19,840*
	130	64.5	27,030*	66.1	25,340*	67.6	19,000*
	140	62.2	26,560*	63.8	24,060*	65.3	18,260*
	150	59.9	23,720	61.5	22,870*	62.9	17,510*
160	57.5	21,150	59.1	21,160	60.4	16,940*	
170	55.0	18,920	56.6	18,920	57.9	16,320*	
180	52.5	16,950	54.0	16,960	55.3	15,820*	
190	49.8	15,200	51.3	15,210	52.6	15,220	
200	47.1	13,640	48.6	13,650	49.8	13,670	
210	44.2	12,250	45.7	12,260	46.8	12,280	
220	41.1	11,000	42.6	11,010	43.7	11,030	
230	37.9	9,870	39.3	9,880	40.3	9,900	
50' (15.2M) JIB & 240' (73.2M) BOOM	50	81.9	32,000*				
	60	79.9	31,500*	81.6	28,480*		
	70	77.9	30,750*	79.6	28,030*	81.1	25,920*
	80	75.9	30,090*	77.5	27,510*	79.1	24,770*
	90	73.9	29,380*	75.5	27,080*	77.0	23,350*
	100	71.8	28,790*	73.4	26,580*	74.9	22,200*
	110	69.7	28,270*	71.3	26,200*	72.8	21,130*
	120	67.6	27,660*	69.2	25,820*	70.6	20,100*
	130	65.4	27,230*	67.0	25,410*	68.4	19,260*
	140	63.3	26,160	64.8	24,580*	66.2	18,470*
	150	61.0	23,190	62.6	23,200	63.9	17,790*
	160	58.7	20,620	60.3	20,630	61.6	17,170*
170	56.4	18,380	57.9	18,390	59.2	16,560*	
180	54.0	16,410	55.5	16,420	56.8	16,050*	
190	51.5	14,660	53.0	14,670	54.2	14,680	
200	48.9	13,110	50.4	13,120	51.6	13,130	
210	46.2	11,710	47.6	11,720	48.8	11,740	
220	43.4	10,450	44.8	10,460	45.9	10,480	
230	40.4	9,320	41.8	9,330	42.8	9,340	
240	37.2	8,300	38.5	8,310	39.5	8,330	
50' (15.2M) JIB & 250' (76.2M) BOOM	52	81.8	32,000*				
	60	80.3	31,550*	81.9	28,510*		
	70	78.3	30,930*	79.9	28,010*	81.4	25,860*
	80	76.4	30,140*	78.0	27,530*	79.4	25,010*
	90	74.4	29,570*	76.0	27,090*	77.5	23,660*
	100	72.4	28,990*	74.0	26,720*	75.4	22,400*
	110	70.4	28,370*	72.0	26,230*	73.4	21,340*
	120	68.4	27,810*	69.9	25,860*	71.3	20,400*
	130	66.3	27,330*	67.8	25,560*	69.2	19,510*
	140	64.2	25,590	65.7	25,070*	67.1	18,700*
	150	62.1	22,630	63.6	22,630	64.9	18,050*
	160	59.9	20,060	61.4	20,070	62.7	17,400*
170	57.6	17,810	59.1	17,820	60.4	16,790*	
180	55.3	15,850	56.8	15,850	58.1	15,870	
190	53.0	14,090	54.4	14,100	55.7	14,110	
200	50.5	12,530	52.0	12,540	53.2	12,550	
210	48.0	11,130	49.4	11,140	50.6	11,150	
220	45.4	9,880	46.7	9,880	47.8	9,900	
230	42.6	8,740	43.9	8,740	45.0	8,760	
240	39.6	7,700	41.0	7,710	42.0	7,730	
250	36.5	6,770	37.8	6,780	38.7	6,800	
50' (15.2M) JIB & 260' (79.2M) BOOM	53	81.9	32,000*				
	60	80.6	31,550*				
	70	78.7	30,900*	80.3	27,990*	81.7	25,870*
	80	76.8	30,200*	78.4	27,560*	79.8	25,250*
	90	74.9	29,650*	76.5	27,100*	77.9	23,870*
	100	73.0	28,990*	74.5	26,750*	75.9	22,670*
	110	71.1	28,450*	72.6	26,260*	74.0	21,570*
	120	69.1	27,890*	70.6	25,880*	72.0	20,630*
	130	67.1	27,430*	68.6	25,520*	69.9	19,800*
	140	65.1	25,060	66.6	25,070	67.9	18,990*
	150	63.0	22,090	64.5	22,100	65.8	18,250*
	160	61.0	19,520	62.4	19,530	63.7	17,610*
170	58.8	17,280	60.3	17,280	61.5	17,080*	



# LIFT RATINGS IN POUNDS (continued)

With 92HI Offset Tip Boom and 172,000 Pound Counterweight, 16HL Jib

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
180' (con't)	120	62.8	23,770*	65.1	20,760*	67.1	15,880*
	130	60.1	23,170*	62.3	19,470*	64.3	15,140*
	140	57.2	22,710*	59.5	18,420*	61.5	14,480*
	150	54.3	21,240*	56.6	17,400*	58.5	13,920*
	160	51.3	19,970*	53.5	16,550*	55.4	13,380*
	170	48.2	18,880*	50.3	15,790*	52.1	12,920*
	180	44.8	17,910*	46.9	15,150*	48.7	12,530*
60' (18.3M) JIB & 190' (57.9M) BOOM	45	82.0	29,710*				
	50	80.8	29,210*				
	60	78.5	28,290*	80.8	25,540*		
	70	76.2	27,490*	78.5	24,940*	80.6	21,800*
	80	73.8	26,660*	76.1	24,350*	78.2	20,350*
	90	71.4	25,900*	73.7	23,770*	75.8	19,060*
	100	69.0	25,230*	71.2	23,250*	73.3	17,920*
	110	66.5	24,580*	68.7	22,760*	70.7	16,970*
	120	64.0	23,950*	66.2	21,310*	68.2	16,120*
	130	61.4	23,410*	63.6	20,020*	65.5	15,390*
	140	58.7	22,870*	60.9	18,830*	62.8	14,750*
	150	56.0	22,030*	58.1	17,850*	60.0	14,150*
	60' (18.3M) JIB & 200' (61.0M) BOOM	47	81.9	29,610*			
50		81.2	29,340*				
60		79.0	28,400*	81.2	25,630*		
70		76.7	27,580*	78.9	24,990*	81.0	22,020*
80		74.4	26,870*	76.6	24,380*	78.7	20,570*
90		72.2	26,060*	74.3	23,910*	76.3	19,270*
100		69.8	25,380*	72.0	23,380*	74.0	18,220*
110		67.5	24,810*	69.6	22,900*	71.5	17,260*
120		65.0	24,210*	67.2	21,740*	69.1	16,370*
130		62.6	23,600*	64.7	20,510*	66.6	15,670*
140		60.1	23,100*	62.1	19,340*	64.0	14,970*
150		57.5	22,600*	59.5	18,310*	61.3	14,390*
60' (18.3M) JIB & 210' (64.0M) BOOM		48	82.0	29,500*			
	50	81.5	29,340*				
	60	79.4	28,510*	81.5	25,620*		
	70	77.2	27,670*	79.3	25,030*	81.3	22,180*
	80	75.0	26,950*	77.1	24,420*	79.1	20,730*
	90	72.8	26,170*	74.9	23,920*	76.9	19,530*
	100	70.6	25,550*	72.7	23,500*	74.6	18,450*
	110	68.3	24,900*	70.4	22,980*	72.3	17,450*
	120	66.0	24,340*	68.1	22,290*	69.9	16,640*
	130	63.7	23,830*	65.7	20,990*	67.5	15,870*
	140	61.3	23,340*	63.3	19,770*	65.1	15,180*
	150	58.8	22,830*	60.8	18,750*	62.6	14,610*
	60' (18.3M) JIB & 220' (67.1M) BOOM	50	81.8	29,370*			
60		79.8	28,600*	81.8	25,610*		
70		77.7	27,760*	79.7	25,090*	81.6	22,330*
80		75.6	27,080*	77.6	24,560*	79.5	20,940*
90		73.5	26,330*	75.5	24,050*	77.4	19,750*
100		71.3	25,710*	73.3	23,500*	75.2	18,630*
110		69.1	25,090*	71.1	23,090*	73.0	17,690*
120		66.9	24,550*	68.9	22,630*	70.7	16,870*
130		64.7	23,970*	66.7	21,430*	68.4	16,100*
140		62.4	23,420*	64.3	20,220*	66.1	15,410*
150		60.1	22,950*	62.0	19,180*	63.7	14,850*
160		57.6	21,790*	59.6	18,280*	61.2	14,260*
60' (18.3M) JIB & 230' (70.2M) BOOM		50	81.8	29,370*			
	60	79.8	28,600*	81.8	25,610*		
	70	77.7	27,760*	79.7	25,090*	81.6	22,330*
	80	75.6	27,080*	77.6	24,560*	79.5	20,940*
	90	73.5	26,330*	75.5	24,050*	77.4	19,750*
	100	71.3	25,710*	73.3	23,500*	75.2	18,630*
	110	69.1	25,090*	71.1	23,090*	73.0	17,690*
	120	66.9	24,550*	68.9	22,630*	70.7	16,870*
	130	64.7	23,970*	66.7	21,430*	68.4	16,100*
	140	62.4	23,420*	64.3	20,220*	66.1	15,410*
	150	60.1	22,950*	62.0	19,180*	63.7	14,850*
	160	57.6	21,790*	59.6	18,280*	61.2	14,260*
	60' (18.3M) JIB & 240' (73.2M) BOOM	52	82.0	29,120*			
60		80.4	28,510*				
70		78.5	27,780*	80.4	24,980*		
80		76.6	27,120*	78.5	24,490*	80.2	21,330*
90		74.6	26,490*	76.5	24,010*	78.2	20,080*
100		72.6	25,920*	74.5	23,580*	76.2	19,070*
110		70.6	25,240*	72.5	23,210*	74.2	18,130*
120		68.6	24,700*	70.4	22,730*	72.1	17,290*
130		66.5	24,260*	68.3	22,300*	70.0	16,530*
140		64.4	23,730*	66.2	21,070*	67.9	15,860*
150		62.2	23,300*	64.1	20,030*	65.7	15,250*
160		60.0	20,920	61.9	19,040*	63.4	14,670*
60' (18.3M) JIB & 250' (76.2M) BOOM		54	81.9	29,020*			
	60	80.8	28,640*				
	70	78.9	27,980*	80.7	25,040*		
	80	77.0	27,240*	78.8	24,530*	80.6	21,440*
	90	75.1	26,610*	76.9	24,100*	78.6	20,320*
	100	73.2	26,030*	75.0	23,650*	76.7	19,270*
	110	71.2	25,480*	73.0	23,300*	74.7	18,300*
	120	69.3	24,840*	71.1	22,830*	72.7	17,450*
	130	67.3	24,380*	69.1	22,440*	70.7	16,710*
	140	65.3	23,930*	67.0	21,480*	68.6	16,070*
	150	63.2	22,920	65.0	20,450*	66.5	15,400*
	160	61.1	20,360	62.9	19,440*	64.4	14,840*
	60' (18.3M) JIB & 260' (79.2M) BOOM	55	82.0	28,970*			
60		81.0	28,640*				
70		79.2	27,940*	81.0	24,990*		
80		77.4	27,360*	79.2	24,570*	80.9	21,650*
90		75.6	26,720*	77.3	24,080*	79.0	20,430*
100		73.7	26,060*	75.5	23,730*	77.1	19,470*
110		71.8	25,510*	73.6	23,290*	75.2	18,470*
120		70.0	24,980*	71.7	22,880*	73.3	17,630*
130		68.0	24,520*	69.8	22,540*	71.3	16,920*
140		66.1	24,000*	67.8	21,850*	69.4	16,260*
150		64.1	22,390	65.8	20,830*	67.4	15,620*
160		62.1	19,820	63.8	19,810*	65.3	15,040*

# LIFT RATINGS IN POUNDS (continued)

## With 92HI Offset Tip Boom and 172,000 Pound Counterweight, 16HL Jib

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
260' (con't)	170	60.0	17,570	61.7	17,580	63.2	14,510*
	180	57.9	15,590	59.6	15,600	61.1	14,070*
	190	55.8	13,840	57.5	13,850	58.9	13,630*
	200	53.6	12,280	55.2	12,290	56.6	12,300
	210	51.3	10,880	52.9	10,880	54.3	10,900
	220	49.0	9,620	50.6	9,630	51.9	9,640
	230	46.5	8,470	48.1	8,480	49.4	8,500
	240	44.0	7,440	45.5	7,450	46.8	7,470
	250	41.3	6,490	42.8	6,500	44.0	6,520
260	38.5	5,630	40.0	5,640	41.1	5,660	
60' (18.3M) JIB & 270' (82.3M) BOOM	57	81.8	28,790*				
	60	81.3	28,660*				
	70	79.6	28,010*	81.3	25,050*		
	80	77.8	27,350*	79.5	24,580*	81.2	21,760*
	90	76.0	26,720*	77.7	24,160*	79.4	20,640*
	100	74.2	26,180*	75.9	23,690*	77.5	19,630*
	110	72.4	25,550*	74.1	23,360*	75.7	18,710*
	120	70.6	25,080*	72.3	22,950*	73.8	17,820*
	130	68.7	24,530*	70.4	22,610*	72.0	17,090*
	140	66.9	24,120*	68.5	22,270*	70.0	16,370*
	150	65.0	21,850	66.6	21,160*	68.1	15,810*
	160	63.0	19,280	64.7	19,290	66.1	15,210*
	170	61.0	17,030	62.7	17,040	64.1	14,680*
	180	59.0	15,050	60.7	15,060	62.1	14,230*
	190	57.0	13,300	58.6	13,310	60.0	13,320
	200	54.9	11,730	56.5	11,740	57.8	11,760
	210	52.7	10,330	54.3	10,330	55.6	10,350
	220	50.5	9,060	52.0	9,070	53.3	9,090
	230	48.2	7,920	49.7	7,920	51.0	7,940
240	45.8	6,870	47.3	6,880	48.5	6,900	
250	43.3	5,930	44.8	5,940	45.9	5,960	
260	40.6	5,060	42.1	5,070	43.2	5,100	
270	37.9	4,270	39.3	4,280	40.3	4,310	
60' (18.3M) JIB & 280' (85.3M) BOOM	58	81.9	28,640*				
	60	81.6	28,480*				
	70	79.9	27,810*	81.6	24,900*		
	80	78.2	27,230*	79.8	24,450*	81.4	21,920*
	90	76.4	26,690*	78.1	24,100*	79.7	20,750*
	100	74.7	26,070*	76.4	23,630*	77.9	19,770*
	110	72.9	25,550*	74.6	23,260*	76.1	18,860*
	120	71.2	25,090*	72.8	22,930*	74.3	17,980*
	130	69.4	24,590*	71.0	22,600*	72.5	17,270*
	140	67.6	24,140*	69.2	22,190*	70.7	16,560*
	150	65.7	21,480	67.4	21,490	68.8	16,000*
	160	63.9	18,900	65.5	18,910	66.9	15,370*
	170	62.0	16,660	63.6	16,660	65.0	14,910*
	180	60.0	14,680	61.6	14,690	63.0	14,430*
	190	58.1	12,920	59.6	12,930	61.0	12,950
	200	56.1	11,350	57.6	11,360	59.0	11,380
	210	54.0	9,950	55.5	9,960	56.8	9,970
	220	51.9	8,680	53.4	8,690	54.7	8,710
	230	49.7	7,540	51.2	7,550	52.4	7,570
240	47.4	6,490	48.9	6,500	50.1	6,520	
250	45.0	5,550	46.5	5,560	47.7	5,580	
260	42.6	4,680	44.0	4,690	45.2	4,710	
270	40.0	3,890	41.4	3,900	42.5	3,920	
280	37.3	3,170	38.7	3,180	39.6	3,200	
70' (21.3M) JIB & 190' (57.9M) BOOM	46	82.0	22,290*				
	50	81.0	21,900*				
	60	78.7	21,140*	81.4	18,910*		
	70	76.4	20,340*	79.0	18,320*	81.6	16,670*
	80	74.0	19,640*	76.7	17,790*	79.2	16,300*
	90	71.6	19,050*	74.2	17,290*	76.7	15,820*
	100	69.2	18,450*	71.8	16,840*	74.2	15,430*
	110	66.7	17,890*	69.3	16,430*	71.7	14,570*
	120	64.2	17,410*	66.7	15,920*	69.1	13,830*
	130	61.6	16,930*	64.1	15,450*	66.4	13,170*
140	58.9	16,440*	61.5	15,070*	63.7	12,590*	
150	56.2	15,870*	58.7	14,730*	60.9	12,040*	
160	53.3	15,460*	55.8	14,380*	58.0	11,560*	
170	50.4	15,000*	52.8	13,780*	54.9	11,160*	
180	47.3	14,660*	49.7	13,160*	51.7	10,800*	
70' (21.3M) JIB & 190' (57.9M) BOOM	48	81.8	22,170*				
	50	81.4	21,960*				
	60	79.2	21,160*	81.7	18,910*		
	70	76.9	20,440*	79.5	18,380*	81.9	16,710*
	80	74.6	19,760*	77.2	17,850*	79.6	16,330*
	90	72.3	19,200*	74.9	17,390*	77.3	15,910*
	100	70.0	18,590*	72.5	16,950*	74.9	15,440*
	110	67.6	18,060*	70.1	16,530*	72.5	14,820*
	120	65.2	17,540*	67.7	16,030*	70.0	14,060*
	130	62.8	17,090*	65.2	15,630*	67.5	13,360*
140	60.2	16,600*	62.7	15,200*	64.9	12,780*	
150	57.7	16,120*	60.1	14,870*	62.2	12,250*	
160	55.0	15,670*	57.4	14,540*	59.5	11,750*	
170	52.2	15,220*	54.6	14,120*	56.6	11,360*	
180	49.3	14,840*	51.7	13,490*	53.7	11,000*	
190	46.3	14,550*	48.6	12,910*	50.5	10,660*	
70' (21.3M) JIB & 200' (61.0M) BOOM	49	81.9	22,090*				
	50	81.7	22,010*				
	60	79.6	21,260*				
	70	77.4	20,610*	79.9	18,440*		
	80	75.2	19,960*	77.7	17,910*	80.0	16,350*
	90	73.0	19,310*	75.5	17,470*	77.8	15,920*
	100	70.8	18,710*	73.2	17,040*	75.5	15,500*
	110	68.5	18,220*	70.9	16,630*	73.2	15,010*
	120	66.2	17,680*	68.6	16,210*	70.8	14,210*
	130	63.9	17,250*	66.2	15,770*	68.4	13,560*
140	61.5	16,770*	63.8	15,330*	65.9	12,990*	
150	59.0	16,360*	61.3	14,960*	63.4	12,410*	
160	56.5	15,870*	58.8	14,670*	60.8	11,970*	
170	53.9	15,470*	56.2	14,380*	58.2	11,540*	
180	51.2	15,060*	53.4	13,830*	55.4	11,140*	
190	48.3	14,720*	50.6	13,230*	52.5	10,820*	
200	45.4	14,420*	47.6	12,760*	49.4	10,510*	
70' (21.3M) JIB & 210' (64.0M) BOOM	51	81.8	22,020*				
	60	79.9	21,370*				
	70	77.9	20,620*	80.2	18,420*		
	80	75.8	19,980*	78.1	17,980*	80.4	16,310*
	90	73.6	19,380*	76.0	17,520*	78.2	15,980*
	100	71.5	18,840*	73.8	17,050*	76.0	15,560*
	110	69.3	18,360*	71.7	16,650*	73.8	15,200*
	120	67.1	17,810*	69.4	16,260*	71.6	14,390*
	130	64.9	17,390*	67.2	15,830*	69.3	13,750*
	140	62.6	16,980*	64.9	15,460*	66.9	13,120*
150	60.2	16,570*	62.5	15,110*	64.5	12,610*	
160	57.8	16,050*	60.1	14,750*	62.1	12,130*	
170	55.4	15,620*	57.6	14,490*	59.5	11,680*	
180	52.8	15,240*	55.0	14,150*	56.9	11,290*	
190	50.2	14,880*	52.3	13,570*	54.2	10,960*	
200	47.4	14,580*	49.6	13,030*	51.3	10,680*	
210	44.5	13,710	46.6	12,580*	48.3	10,400*	



**LIFT RATINGS IN POUNDS (continued)****With 92HI Offset Tip Boom and 172,000 Pound Counterweight, 16HL Jib**

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset		Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset																																																																																																																
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)			Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)																																																																																																													
70' (21.3M) JIB & 290' (88.4M) BOOM	62	81.9	21,310*					80' (24.4M) JIB & 230' (70.1M) BOOM	56	81.8	17,090*				80' (24.4M) JIB & 240' (73.2M) BOOM	57	81.9	17,010*					80' (24.4M) JIB & 250' (76.2M) BOOM	58	82.0	17,000*					80' (24.4M) JIB & 220' (67.1M) BOOM	54	81.9	17,180*					80' (24.4M) JIB & 260' (79.2M) BOOM	60	81.6	16,900*					80' (24.4M) JIB & 270' (79.2M) BOOM	60	81.6	16,900*					80' (24.4M) JIB & 280' (79.2M) BOOM	60	81.6	16,900*					80' (24.4M) JIB & 290' (79.2M) BOOM	60	81.6	16,900*					80' (24.4M) JIB & 300' (79.2M) BOOM	60	81.6	16,900*					80' (24.4M) JIB & 310' (79.2M) BOOM	60	81.6	16,900*					80' (24.4M) JIB & 320' (79.2M) BOOM	60	81.6	16,900*					80' (24.4M) JIB & 330' (79.2M) BOOM	60	81.6	16,900*					80' (24.4M) JIB & 340' (79.2M) BOOM	60	81.6	16,900*					80' (24.4M) JIB & 350' (79.2M) BOOM	60	81.6	16,900*					80' (24.4M) JIB & 360' (79.2M) BOOM	60	81.6	16,900*				



# LIFT RATINGS IN POUNDS (continued)

With 92HI Offset Tip Boom and 172,000 Pound Counterweight, 16HL Jib

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset		Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)			Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
260' (con't)	200	56.3	11,110*	58.4	10,060*	60.3	9,380*	90' (27.4M) JIB & 230' (70.1M) BOOM	58	81.9	13,670*				
	210	54.3	10,820*	56.4	9,910*	58.2	9,280*		60	81.5	13,560*				
	220	52.1	10,110	54.2	9,720*	56.0	9,190*		70	79.7	13,000*				
	230	50.0	8,970	52.0	8,980	53.7	9,010		80	77.9	12,500*	10,360*			
	240	47.7	7,930	49.7	7,940	51.4	7,960		90	76.0	11,890*	78.7	9,920*	81.3	8,500*
	250	45.3	6,980	47.3	6,990	48.9	7,020		100	74.2	11,360*	76.9	9,520*	79.4	8,230*
	260	42.9	6,110	44.8	6,120	46.4	6,150		110	72.3	10,840*	75.0	9,150*	77.5	7,980*
80' (24.4M) JIB & 270' (82.3M) BOOM	61	81.9	16,890*					120	70.4	10,340*	73.1	8,830*	75.5	7,750*	
	70	80.4	16,340*					130	68.5	9,930*	71.1	8,540*	73.6	7,550*	
	80	78.8	15,820*	81.0	13,710*			140	66.5	9,520*	69.2	8,280*	71.6	7,360*	
	90	77.1	15,340*	79.3	13,350*	81.4	11,650*	150	64.6	9,190*	67.2	8,030*	69.5	7,170*	
	100	75.4	14,920*	77.6	13,010*	79.6	11,380*	160	62.6	8,830*	65.1	7,800*	67.5	7,020*	
	110	73.7	14,470*	75.9	12,680*	77.9	11,100*	170	60.5	8,530*	63.1	7,570*	65.4	6,900*	
	120	72.0	14,060*	74.2	12,270*	76.2	10,810*	180	58.4	8,260*	61.0	7,390*	63.2	6,770*	
	130	70.3	13,650*	72.4	11,960*	74.4	10,590*	190	56.3	8,030*	58.8	7,240*	61.0	6,640*	
	140	68.5	13,310*	70.7	11,640*	72.6	10,360*	200	54.0	7,780*	56.6	7,070*	58.7	6,560*	
	150	66.8	12,950*	68.9	11,310*	70.8	10,140*	210	51.8	7,570*	54.3	6,930*	56.4	6,480*	
	160	65.0	12,550*	67.1	11,040*	69.0	9,950*	220	49.4	7,410*	51.9	6,830*	54.0	6,410*	
	170	63.1	12,190*	65.2	10,800*	67.1	9,800*	230	47.0	7,210*	49.4	6,690*	51.4	6,360*	
	180	61.3	11,820*	63.3	10,550*	65.2	9,650*	90' (27.4M) JIB & 240' (73.2M) BOOM	59	81.9	13,600*				
	190	59.4	11,510*	61.4	10,350*	63.3	9,490*		60	81.8	13,560*				
	200	57.4	11,210*	59.5	10,150*	61.3	9,390*		70	80.0	13,020*				
	210	55.5	10,840*	57.5	9,950*	59.2	9,270*		80	78.2	12,510*	80.9	10,380*		
	220	53.4	9,560	55.4	9,570	57.2	9,170*		90	76.5	12,010*	79.1	9,940*	81.5	8,500*
230	51.3	8,420	53.3	8,430	55.0	8,460	100		74.7	11,450*	77.3	9,540*	79.7	8,250*	
240	49.2	7,370	51.2	7,380	52.8	7,410	110		72.9	10,910*	75.4	9,220*	77.9	8,000*	
250	46.9	6,430	48.9	6,440	50.5	6,460	120		71.0	10,440*	73.6	8,900*	76.0	7,780*	
260	44.6	5,550	46.6	5,570	48.1	5,590	130		69.2	10,040*	71.7	8,580*	74.1	7,570*	
270	42.2	4,760	44.1	4,780	45.6	4,800	140		67.3	9,630*	69.8	8,340*	72.2	7,390*	
80' (24.4M) JIB & 280' (85.3M) BOOM	63	81.8	16,740*						150	65.4	9,260*	67.9	8,060*	70.2	7,210*
	70	80.7	16,320*						160	63.5	8,950*	66.0	7,860*	68.3	7,040*
	80	79.1	15,810*	81.2	13,660*				170	61.5	8,650*	64.0	7,630*	66.2	6,890*
	90	77.5	15,400*	79.6	13,320*	81.6	11,650*		180	59.5	8,360*	62.0	7,430*	64.2	6,760*
	100	75.8	14,910*	78.0	13,060*	79.9	11,350*		190	57.4	8,110*	59.9	7,280*	62.1	6,650*
	110	74.2	14,470*	76.3	12,730*	78.3	11,090*		200	55.3	7,890*	57.8	7,110*	59.9	6,570*
	120	72.5	14,110*	74.6	12,320*	76.6	10,850*		210	53.1	7,650*	55.6	6,970*	57.7	6,480*
	130	70.9	13,700*	72.9	11,970*	74.9	10,580*	220	50.9	7,480*	53.3	6,840*	55.4	6,400*	
	140	69.2	13,370*	71.2	11,680*	73.1	10,360*	230	48.6	7,280*	51.0	6,740*	53.0	6,350*	
	150	67.4	13,030*	69.5	11,370*	71.4	10,160*	240	46.2	7,160*	48.6	6,640*	50.5	6,310*	
	160	65.7	12,640*	67.7	11,090*	69.6	10,010*	90' (27.4M) JIB & 250' (76.2M) BOOM	61	81.8	13,550*				
	170	63.9	12,300*	66.0	10,850*	67.8	9,800*		70	80.3	13,100*				
	180	62.1	11,930*	64.2	10,590*	66.0	9,680*		80	78.6	12,560*	81.1	10,400*		
	190	60.3	11,630*	62.3	10,380*	64.1	9,520*		90	76.9	12,120*	79.4	9,990*	81.8	8,480*
	200	58.4	11,330*	60.4	10,180*	62.2	9,420*		100	75.1	11,560*	77.7	9,600*	80.0	8,220*
	210	56.5	10,450	58.5	10,030*	60.3	9,300*		110	73.4	11,030*	75.9	9,230*	78.2	8,010*
	220	54.6	9,180	56.6	9,200	58.3	9,200*		120	71.6	10,570*	74.1	8,930*	76.4	7,780*
230	52.6	8,030	54.6	8,040	56.2	8,060	130		69.8	10,120*	72.3	8,640*	74.6	7,570*	
240	50.6	6,990	52.5	7,000	54.1	7,020	140		68.0	9,720*	70.5	8,370*	72.8	7,370*	
250	48.4	6,040	50.4	6,050	51.9	6,080	150		66.2	9,360*	68.6	8,110*	70.9	7,200*	
260	46.2	5,170	48.1	5,180	49.7	5,200	160		64.3	9,030*	66.7	7,870*	69.0	7,050*	
270	44.0	4,370	45.8	4,390	47.3	4,410	170		62.4	8,730*	64.8	7,680*	67.0	6,920*	
280	41.6	3,640	43.4	3,650	44.8	3,680	180		60.5	8,440*	62.9	7,480*	65.0	6,770*	
80' (24.4M) JIB & 290' (88.4M) BOOM	64	81.9	16,680*						190	58.5	8,180*	60.9	7,300*	63.0	6,660*
	70	81.0	16,390*						200	56.5	7,950*	58.9	7,160*	61.0	6,560*
	80	79.4	15,900*	81.5	13,660*				210	54.4	7,740*	56.8	7,020*	58.8	6,480*
	90	77.8	15,390*	79.9	13,330*	81.8	11,640*		220	52.3	7,560*	54.6	6,880*	56.6	6,400*
	100	76.2	14,960*	78.3	13,050*	80.2	11,390*	230	50.1	7,360*	52.4	6,780*	54.4	6,350*	
	110	74.6	14,530*	76.7	12,720*	78.6	11,080*	240	47.8	7,230*	50.1	6,660*	52.0	6,310*	
	120	73.0	14,130*	75.1	12,390*	77.0	10,850*	250	45.5	7,060*	47.7	6,590*	49.6	6,270*	
	130	71.4	13,780*	73.4	12,030*	75.3	10,620*	90' (27.4M) JIB & 260' (79.2M) BOOM	62	81.9	13,530*				
	140	69.7	13,420*	71.8	11,730*	73.6	10,370*		70	80.6	13,110*				
	150	68.1	13,130*	70.1	11,400*	71.9	10,190*		80	78.9	12,610*	81.4	10,410*		
	160	66.4	12,800*	68.4	11,130*	70.2	10,000*		90	77.3	12,140*	79.7	9,980*		
	170	64.7	12,410*	66.7	10,880*	68.5	9,840*		100	75.6	11,610*	78.0	9,610*	80.3	8,240*
	180	63.0	12,050*	64.9	10,670*	66.7	9,680*		110	73.9	11,110*	76.3	9,260*	78.6	7,980*
	190	61.2	11,740*	63.2	10,420*	64.9	9,520*		120	72.2	10,650*	74.6	8,980*	76.8	7,790*
	200	59.4	11,320	61.4	10,220*	63.1	9,410*		130	70.4	10,210*	72.8	8,680*	75.1	7,580*
	210	57.6	9,910	59.5	9,930	61.2	9,310*		140	68.7	9,830*	71.1	8,400*	73.3	7,390*
	220	55.7	8,650	57.6	8,660	59.3	8,680		150	66.9	9,480*	69.3	8,150*	71.5	7,200*
230	53.8	7,490	55.7	7,500	57.3	7,520	160		65.1	9,140*	67.5	7,920*	69.6	7,080*	
240	51.8	6,450	53.7	6,460	55.3	6,480	170		63.3	8,820*	65.6	7,710*	67.8	6,930*	
250	49.8	5,500	51.7	5,510	53.2	5,530	180		61.4	8,550*	63.8	7,530*	65.9	6,780*	
260	47.7	4,620	49.6	4,630	51.1	4,660	190		59.5	8,280*	61.8	7,350*	63.9	6,680*	
270	45.6	3,830	47.4	3,840	48.9	3,860	200		57.6	8,060*	59.9	7,200*	61.9	6,570*	
280	43.3	3,090	45.1	3,100	46.6	3,130	210		55.6	7,810*	57.9	7,030*	59.9	6,490*	

# LIFT RATINGS IN POUNDS (continued)

## With 92HI Offset Tip Boom and 172,000 Pound Counterweight, 16HL Jib

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
260' (con't)	220	53.6	7,640*	55.8	6,920*	57.8	6,400*
	230	51.5	7,430*	53.7	6,790*	55.7	6,350*
	240	49.3	7,270*	51.6	6,690*	53.4	6,300*
	250	47.1	7,140*	49.3	6,590*	51.1	6,260*
	260	44.8	6,320	47.0	6,340	48.7	6,220*
90' (27.4M) JIB & 270' (82.3M) BOOM	63	82.0	13,450*				
	70	80.9	13,110*				
	80	79.2	12,660*	81.6	10,430*		
	90	77.6	12,190*	80.0	10,000*		
	100	76.0	11,710*	78.4	9,660*	80.6	8,210*
	110	74.3	11,220*	76.7	9,310*	78.9	7,990*
	120	72.7	10,720*	75.0	8,990*	77.2	7,760*
	130	71.0	10,310*	73.3	8,690*	75.5	7,590*
	140	69.3	9,940*	71.6	8,430*	73.8	7,410*
	150	67.6	9,580*	69.9	8,190*	72.0	7,230*
	160	65.8	9,220*	68.1	7,950*	70.3	7,070*
	170	64.1	8,930*	66.4	7,770*	68.5	6,910*
	180	62.3	8,620*	64.6	7,580*	66.6	6,800*
	190	60.4	8,360*	62.7	7,400*	64.8	6,690*
	200	58.6	8,140*	60.8	7,220*	62.8	6,580*
	210	56.7	7,930*	58.9	7,070*	60.9	6,480*
	220	54.7	7,690*	57.0	6,940*	58.9	6,400*
230	52.7	7,520*	55.0	6,830*	56.8	6,340*	
240	50.7	7,340*	52.9	6,730*	54.7	6,270*	
250	48.6	6,640	50.7	6,610*	52.5	6,220*	
260	46.4	5,770	48.5	5,780	50.3	5,810	
270	44.1	4,960	46.2	4,980	47.9	5,010	
90' (27.4M) JIB & 280' (85.3M) BOOM	65	81.9	13,340*				
	70	81.1	13,120*				
	80	79.5	12,650*	81.9	10,430*		
	90	78.0	12,220*	80.3	10,030*		
	100	76.4	11,830*	78.7	9,690*	80.9	8,220*
	110	74.8	11,280*	77.1	9,350*	79.2	7,990*
	120	73.2	10,830*	75.5	9,050*	77.6	7,790*
	130	71.5	10,420*	73.8	8,750*	75.9	7,590*
	140	69.9	10,000*	72.2	8,490*	74.3	7,390*
	150	68.2	9,630*	70.5	8,230*	72.6	7,230*
	160	66.5	9,310*	68.8	8,020*	70.8	7,070*
	170	64.8	9,020*	67.1	7,810*	69.1	6,930*
	180	63.1	8,740*	65.3	7,590*	67.3	6,820*
	190	61.3	8,470*	63.5	7,410*	65.5	6,700*
	200	59.5	8,200*	61.7	7,260*	63.7	6,570*
	210	57.7	7,980*	59.9	7,120*	61.8	6,490*
	220	55.8	7,770*	58.0	6,980*	59.9	6,410*
230	53.9	7,590*	56.1	6,840*	57.9	6,320*	
240	52.0	7,200	54.1	6,740*	55.9	6,270*	
250	49.9	6,250	52.1	6,260	53.8	6,220*	
260	47.9	5,370	50.0	5,380	51.7	5,410	
270	45.7	4,580	47.8	4,590	49.5	4,620	
280	43.5	3,850	45.5	3,860	47.1	3,890	
90' (27.4M) JIB & 290' (88.4M) BOOM	66	81.9	13,290*				
	70	81.3	13,130*				
	80	79.8	12,650*				
	90	78.3	12,260*	80.5	10,040*		
	100	76.7	11,830*	79.0	9,690*	81.1	8,190*
	110	75.2	11,380*	77.4	9,350*	79.5	7,990*
	120	73.6	10,920*	75.8	9,060*	77.9	7,790*
	130	72.0	10,490*	74.3	8,760*	76.3	7,590*
	140	70.4	10,110*	72.7	8,530*	74.7	7,390*
	150	68.8	9,740*	71.0	8,270*	73.1	7,230*
	160	67.2	9,410*	69.4	8,020*	71.4	7,080*
	170	65.5	9,070*	67.7	7,830*	69.7	6,950*
	180	63.9	8,810*	66.0	7,650*	68.0	6,800*
	190	62.2	8,540*	64.3	7,460*	66.3	6,680*
	200	60.4	8,280*	62.6	7,280*	64.5	6,580*
	210	58.7	8,060*	60.8	7,140*	62.7	6,500*
	220	56.9	7,840*	59.0	6,990*	60.8	6,400*
230	55.0	7,670*	57.1	6,890*	59.0	6,320*	
240	53.1	6,670	55.2	6,680	57.0	6,260*	
250	51.2	5,710	53.3	5,720	55.0	5,740	
260	49.2	4,840	51.3	4,850	53.0	4,880	
270	47.2	4,030	49.2	4,040	50.9	4,070	
280	45.1	3,300	47.1	3,310	48.7	3,340	
290	42.8	2,620	44.8	2,630	46.4	2,660	
100' (30.5M) JIB & 250' (76.2M) BOOM	63	81.9	10,240*				
	70	80.7	9,810*				
	80	79.1	9,270*	81.8	7,330*		
	90	77.4	8,730*	80.1	6,990*		
	100	75.7	8,290*	78.4	6,710*	81.0	5,600*
	110	74.0	7,860*	76.7	6,410*	79.3	5,420*
	120	72.3	7,500*	75.0	6,160*	77.5	5,240*
	130	70.6	7,150*	73.3	5,940*	75.8	5,060*
	140	68.8	6,820*	71.5	5,720*	74.0	4,920*
	150	67.0	6,550*	69.7	5,520*	72.2	4,780*
	160	65.2	6,290*	67.9	5,350*	70.3	4,660*
	170	63.4	6,040*	66.0	5,170*	68.4	4,540*
	180	61.5	5,820*	64.2	5,020*	66.5	4,460*
	190	59.6	5,620*	62.3	4,880*	64.6	4,350*
	200	57.7	5,430*	60.3	4,770*	62.6	4,280*
	210	55.7	5,260*	58.3	4,640*	60.6	4,200*
	220	53.7	5,100*	56.2	4,540*	58.5	4,150*
230	51.6	4,950*	54.1	4,460*	56.3	4,090*	
240	49.5	4,830*	52.0	4,380*	54.1	4,070*	
250	47.2	4,720*	49.7	4,310*	51.8	4,040*	
100' (30.5M) JIB & 260' (79.2M) BOOM	64	82.0	10,210*				
	70	81.0	9,860*				
	80	79.4	9,300*				
	90	77.8	8,790*	80.4	7,000*		
	100	76.1	8,340*	78.8	6,710*	81.3	5,580*
	110	74.5	7,920*	77.1	6,440*	79.6	5,400*
	120	72.8	7,550*	75.4	6,190*	77.9	5,220*
	130	71.1	7,230*	73.7	5,970*	76.2	5,060*
	140	69.4	6,890*	72.0	5,740*	74.5	4,920*
	150	67.7	6,620*	70.3	5,550*	72.7	4,790*
	160	66.0	6,340*	68.6	5,370*	70.9	4,670*
	170	64.2	6,100*	66.8	5,190*	69.1	4,550*
	180	62.4	5,890*	65.0	5,050*	67.3	4,450*
	190	60.6	5,670*	63.1	4,910*	65.4	4,360*
	200	58.7	5,480*	61.2	4,780*	63.5	4,270*
	210	56.8	5,320*	59.3	4,650*	61.5	4,190*
	220	54.9	5,160*	57.4	4,550*	59.5	4,130*
230	52.9	5,000*	55.3	4,470*	57.5	4,080*	
240	50.8	4,870*	53.3	4,390*	55.4	4,050*	
250	48.7	4,770*	51.1	4,320*	53.2	4,000*	
260	46.5	4,650*	48.9	4,250*	50.9	4,000*	
100' (30.5M) JIB & 270' (82.3M) BOOM	66	81.9	10,140*				
	70	81.2	9,890*				
	80	79.7	9,360*				
	90	78.1	8,850*	80.7	7,040*		
	100	76.5	8,390*	79.1	6,710*	81.5	5,570*
	110	74.9	8,000*	77.5	6,470*	79.9	5,390*
	120	73.3	7,630*	75.8	6,210*	78.2	5,210*
	130	71.7	7,290*	74.2	5,960*	76.6	5,060*
	140	70.0	6,940*	72.6	5,760*	74.9	4,910*
	150	68.3	6,660*	70.9	5,570*	73.2	4,770*
	160	66.7	6,380*	69.2	5,380*	71.5	4,640*
	170	65.0	6,170*	67.5	5,220*	69.7	4,530*
	180	63.2	5,920*	65.7	5,050*	68.0	4,440*
	190	61.5	5,710*	63.9	4,910*	66.2	4,350*
	200	59.7	5,540*	62.1	4,800*	64.3	4,270*
	210	57.8	5,340*	60.3	4,660*	62.4	4,180*
	220	56.0	5,180*	58.4	4,580*	60.5	4,120*
230	54.1	5,050*	56.5	4,480*	58.6	4,060*	
240	52.1	4,920*	54.5	4,400*	56.5	4,030*	
250	50.1	4,790*	52.4	4,320*	54.5	3,980*	
260	48.0	4,700*	50.3	4,250*	52.3	3,970*	
270	45.8	4,580*	48.2	4,200*	50.1	3,960*	
100' (30.5M) JIB & 280' (85.3M) BOOM	67	81.9	10,110*				
	70	81.5	9,940*				
	80	79.9	9,390*				
	90	78.4	8,930*	80.9	7,010*		
	100	76.9	8,470*	79.4	6,730*	81.8	5,540*
	110	75.3	8,040*	77.8	6,450*	80.2	5,360*
	120	73.7	7,670*	76.2	6,220*	78.6	5,200*
	130	72.2	7,340*	74.6	5,970*	77.0	5,050*
	140	70.6	7,030*	73.0	5,770*	75.3	4,900*
	150	68.9	6,740*	71.4	5,570*	73.7	4,760*
	160	67.3	6,450*	69.8	5,390*	72.0	4,640*

# LIFT RATINGS IN POUNDS (continued)

## With 92HI Offset Tip Boom and 172,000 Pound Counterweight, 16HL Jib

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
280' (con't)	170	65.7	6,200*	68.1	5,220*	70.3	4,530*
	180	64.0	5,990*	66.4	5,080*	68.6	4,440*
	190	62.3	5,780*	64.7	4,940*	66.9	4,350*
	200	60.6	5,590*	63.0	4,800*	65.1	4,260*
	210	58.8	5,400*	61.2	4,680*	63.3	4,170*
	220	57.0	5,230*	59.4	4,570*	61.5	4,110*
	230	55.2	5,100*	57.5	4,490*	59.6	4,050*
	240	53.3	4,950*	55.6	4,410*	57.6	4,000*
	250	51.3	4,850*	53.7	4,330*	55.6	3,960*
	260	49.4	4,720*	51.7	4,260*	53.6	3,940*
	270	47.3	4,630*	49.6	4,200*	51.5	3,910*
	280	45.2	4,050	47.4	4,060	49.3	3,910*
	100' (30.5M) JIB & 290' (88.4M) BOOM	68	82.0	10,090*			
70		81.7	9,970*				
80		80.2	9,450*				
90		78.7	8,970*	81.2	7,010*		
100		77.2	8,510*	79.7	6,750*	82.0	5,520*
110		75.7	8,080*	78.1	6,460*	80.4	5,350*
120	74.2	7,720*	76.6	6,230*	78.9	5,180*	

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
290' (con't)	130	72.6	7,380*	75.1	5,980*	77.3	5,040*
	140	71.1	7,050*	73.5	5,790*	75.7	4,880*
	150	69.5	6,790*	71.9	5,590*	74.1	4,750*
	160	67.9	6,530*	70.3	5,400*	72.5	4,620*
	170	66.3	6,270*	68.7	5,250*	70.9	4,520*
	180	64.7	6,020*	67.1	5,080*	69.2	4,430*
	190	63.1	5,810*	65.4	4,940*	67.5	4,320*
	200	61.4	5,630*	63.7	4,830*	65.8	4,250*
	210	59.7	5,460*	62.0	4,690*	64.1	4,160*
	220	58.0	5,290*	60.3	4,580*	62.3	4,100*
	230	56.2	5,130*	58.5	4,500*	60.5	4,040*
	240	54.4	4,990*	56.7	4,400*	58.6	3,980*
	250	52.5	4,860*	54.8	4,340*	56.7	3,950*
	260	50.6	4,760*	52.9	4,260*	54.8	3,920*
	270	48.7	4,240	50.9	4,190*	52.8	3,890*
	280	46.6	3,500	48.9	3,520	50.7	3,550
	290	44.6	2,820	46.7	2,830	48.5	2,870





















# LIFT RATINGS IN POUNDS (continued)

## With 92HI Offset Tip Boom and 172,000 Pound Upper Counterweight, #30 Jib

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
260' BOOM (con't)	130	70.2	24,490*	72.5	21,590*	74.6	19,520*
	140	68.4	23,770*	70.7	21,080*	72.8	19,090*
	150	66.6	22,210	68.9	20,570*	71.0	18,760*
	160	64.8	19,620	67.0	19,630	69.1	18,380*
	170	62.9	17,360	65.2	17,360	67.2	17,370
	180	61.0	15,360	63.3	15,360	65.3	15,370
	190	59.1	13,580	61.3	13,590	63.3	13,600
	200	57.1	12,000	59.3	12,000	61.3	12,020
	210	55.1	10,570	57.3	10,570	59.2	10,580
	220	53.0	9,280	55.2	9,290	57.1	9,300
	230	50.9	8,110	53.0	8,120	54.9	8,130
	240	48.7	7,040	50.8	7,050	52.6	7,060
	250	46.4	6,070	48.5	6,070	50.2	6,080
260	44.0	5,180	46.1	5,190	47.8	5,200	
85' (25.9M) JIB & 270' (82.3M) BOOM	63	81.9	29,470*				
	70	80.8	28,890*				
	80	79.1	28,100*	81.4	24,780*		
	90	77.5	27,400*	79.8	24,230*	81.9	21,340*
	100	75.8	26,690*	78.1	23,620*	80.2	20,850*
	110	74.2	26,050*	76.4	22,910*	78.5	20,430*
	120	72.5	25,500*	74.7	22,350*	76.8	20,010*
	130	70.8	24,780*	73.0	21,750*	75.1	19,580*
	140	69.0	24,060*	71.3	21,230*	73.3	19,150*
	150	67.3	21,690	69.5	20,720*	71.6	18,810*
	160	65.5	19,100	67.7	19,100	69.8	18,510*
	170	63.7	16,830	65.9	16,830	67.9	16,850
	180	61.9	14,830	64.1	14,840	66.1	14,850
190	60.0	13,060	62.2	13,060	64.2	13,070	
200	58.2	11,460	60.3	11,470	62.2	11,480	
210	56.2	10,040	58.4	10,040	60.2	10,050	
220	54.2	8,740	56.4	8,750	58.2	8,760	
230	52.2	7,570	54.3	7,580	56.1	7,590	
240	50.1	6,510	52.2	6,520	53.9	6,530	
250	47.9	5,530	50.0	5,540	51.7	5,550	
260	45.7	4,640	47.7	4,640	49.4	4,660	
270	43.3	3,810	45.3	3,820	47.0	3,830	
95' (29.0M) JIB & 240' (73.2M) BOOM	61	81.9	24,720*				
	70	80.4	23,920*				
	80	78.6	23,200*	81.3	19,790*		
	90	76.9	22,440*	79.6	19,150*		
	100	75.1	21,540*	77.8	18,480*	80.4	16,260*
	110	73.3	20,730*	76.0	17,880*	78.5	15,830*
	120	71.5	19,960*	74.2	17,330*	76.7	15,450*
	130	69.7	19,250*	72.4	16,880*	74.8	15,060*
	140	67.9	18,600*	70.5	16,360*	73.0	14,690*
	150	66.0	17,990*	68.6	15,910*	71.1	14,380*
	160	64.1	17,370*	66.7	15,540*	69.1	14,120*
	170	62.2	16,850*	64.8	15,160*	67.1	13,810*
	180	60.2	16,400*	62.8	14,790*	65.1	13,540*
190	58.2	14,760	60.8	14,420*	63.0	13,330*	
200	56.1	13,180	58.7	13,180	60.9	13,120*	
210	54.0	11,750	56.5	11,760	58.8	11,770	
220	51.8	10,470	54.4	10,480	56.5	10,490	
230	49.6	9,300	52.1	9,310	54.2	9,320	
240	47.3	8,250	49.7	8,250	51.8	8,270	
95' (29.0M) JIB & 250' (76.2M) BOOM	62	82.0	24,650*				
	70	80.6	24,100*				
	80	79.0	23,360*	81.6	19,870*		
	90	77.3	22,650*	79.9	19,220*		
	100	75.6	21,740*	78.2	18,630*	80.7	16,290*
	110	73.8	20,960*	76.4	18,010*	78.9	15,860*
	120	72.1	20,190*	74.7	17,480*	77.1	15,480*
	130	70.3	19,420*	72.9	17,000*	75.3	15,100*
	140	68.5	18,810*	71.1	16,540*	73.5	14,790*
	150	66.7	18,190*	69.3	16,090*	71.7	14,480*
	160	64.9	17,590*	67.5	15,650*	69.8	14,160*
	170	63.0	17,070*	65.6	15,270*	67.9	13,900*
	180	61.2	15,990	63.7	14,890*	65.9	13,620*
190	59.2	14,220	61.7	14,230	64.0	13,420*	
200	57.2	12,640	59.7	12,640	61.9	12,660	
210	55.2	11,210	57.7	11,210	59.9	11,220	
220	53.2	9,920	55.6	9,930	57.7	9,940	
230	51.0	8,750	53.4	8,760	55.5	8,770	
240	48.8	7,690	51.2	7,700	53.2	7,710	
250	46.5	6,720	48.9	6,720	50.9	6,740	

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
95' (29.0M) JIB & 260' (79.2M) BOOM	64	81.9	24,540*				
	70	80.9	24,100*				
	80	79.3	23,430*	81.8	19,960*		
	90	77.6	22,670*	80.2	19,300*		
	100	76.0	21,960*	78.5	18,680*	80.9	16,360*
	110	74.3	21,110*	76.8	18,140*	79.2	15,970*
	120	72.6	20,340*	75.1	17,600*	77.5	15,590*
	130	70.9	19,650*	73.4	17,070*	75.8	15,210*
	140	69.2	18,970*	71.7	16,620*	74.0	14,830*
	150	67.4	18,410*	69.9	16,200*	72.2	14,570*
	160	65.7	17,800*	68.1	15,750*	70.4	14,250*
	170	63.9	17,260*	66.3	15,370*	68.6	13,960*
	180	62.0	15,470	64.5	15,050*	66.7	13,710*
190	60.2	13,700	62.6	13,700	64.8	13,500*	
200	58.3	12,110	60.7	12,120	62.9	12,130	
210	56.4	10,690	58.8	10,690	60.9	10,700	
220	54.4	9,390	56.8	9,400	58.8	9,410	
230	52.3	8,220	54.7	8,230	56.7	8,240	
240	50.2	7,160	52.6	7,170	54.6	7,180	
250	48.1	6,180	50.4	6,190	52.3	6,200	
260	45.8	5,290	48.1	5,290	50.0	5,310	
95' (29.0M) JIB & 270' (82.3M) BOOM	65	82.0	24,540*				
	70	81.2	24,190*				
	80	79.6	23,490*				
	90	78.0	22,780*	80.5	19,370*		
	100	76.4	22,120*	78.8	18,820*	81.2	16,400*
	110	74.7	21,260*	77.2	18,200*	79.5	16,020*
	120	73.1	20,570*	75.6	17,730*	77.9	15,630*
	130	71.4	19,890*	73.9	17,200*	76.2	15,250*
	140	69.8	19,190*	72.2	16,740*	74.5	14,930*
	150	68.1	18,620*	70.5	16,290*	72.8	14,610*
	160	66.4	18,000*	68.8	15,910*	71.0	14,310*
	170	64.6	16,940	67.0	15,540*	69.2	14,060*
	180	62.9	14,950	65.3	14,950	67.4	13,800*
190	61.1	13,170	63.5	13,170	65.6	13,190	
200	59.3	11,580	61.6	11,590	63.7	11,600	
210	57.4	10,160	59.8	10,160	61.8	10,180	
220	55.5	8,860	57.8	8,870	59.9	8,880	
230	53.5	7,690	55.9	7,700	57.9	7,710	
240	51.5	6,630	53.8	6,640	55.8	6,650	
250	49.5	5,650	51.8	5,660	53.7	5,670	
260	47.3	4,750	49.6	4,760	51.5	4,770	
270	45.1	3,930	47.4	3,930	49.2	3,950	

# MAXIMUM BOOM & JIB SELF-ERECTION DATA

	BOOM LENGTH (Feet)	JIB LENGTH		
		16HL JIB (Feet)	#30 JIB (Feet)	#40 JIB (Feet)
BLOCKED OVER THE END	300	50	0	0
	290	100	0	45
	280	—	65	75
	270	—	95	105
	280	0	0	0
OVER THE SIDE	270	70	0	0
	260	100	35	45
	250	—	65	75
	240	—	95	105
	240	—	—	—

## LOAD HOISTING INFORMATION

1-1/8" Diameter EEIPS Wire Rope			
MAXIMUM LIFTING CAPACITY (lbs.)	MINIMUM PARTS OF LINE	MAXIMUM HOISTING DISTANCE (Feet)	
		MAIN HOIST	AUXILIARY HOIST
550,000	14	90	90
490,280	12	105	105
449,420	11	110	110
408,570	10	130	130
367,710	9	145	145
326,850	8	160	160
286,000	7	185	185
245,140	6	215	215
204,280	5	260	260
163,420	4	325	325
122,570	3	435	435
81,710	2	655	655
40,850	1	1,310	1,310

Lifting any load with 14 parts of main fall load line requires the use of the single sheave crossover hanger block. Refer to the [HC275 Operator's Manual](#) for detailed information.

## 16HL JIB LOAD HOISTING INFORMATION

1-1/8" Diameter EEIPS Wire Rope			
MAXIMUM LIFTING CAPACITY (lbs.)	MINIMUM PARTS OF LINE	MAXIMUM HOISTING DISTANCE (Feet)	
		MAIN HOIST	AUXILIARY HOIST
32,000	1	1,310	1,310

## #30 JIB LOAD HOISTING INFORMATION

1-1/8" Diameter EEIPS Wire Rope			
MAXIMUM LIFTING CAPACITY (lbs.)	MINIMUM PARTS OF LINE	MAXIMUM HOISTING DISTANCE (Feet)	
		MAIN HOIST	AUXILIARY HOIST
60,000	2	655	655
40,850	1	1,310	1,310

## SPECIFICATIONS

Swing Speed .....	1.70 RPM
Travel Speed .....	.55 MPH High Range
.....	.37 MPH Low Range
Gradeability .....	30% (approximately 17°)

# BOOM COMPOSITION CHART

Boom Length (Feet)	Boom Sections					
	25' 92HI Inner	15' 92HT Center	20' 92HT Center	10' 92ST Center	50' 92ST Center	40' 92H Outer
65	1	0	0	0	0	1
80	1	1	0	0	0	1
90	1	1	0	1	0	1
100	1	1	1	0	0	1
110	1	1	1	1	0	1
120	1	1	1	2	0	1
130	1	1	0	0	1	1
140	1	1	0	1	1	1
150	1	1	1	0	1	1
160	1	1	1	1	1	1
170	1	1	1	2	1	1
180	1	1	0	0	2	1
190	1	1	0	1	2	1
200	1	1	1	0	2	1
210	1	1	1	1	2	1
220	1	1	1	2	2	1
230	1	1	0	0	3	1
240	1	1	0	1	3	1
250	1	1	1	0	3	1
260	1	1	1	1	3	1
270	1	1	1	2	3	1
280	1	1	0	0	4	1
290	1	1	0	1	4	1
300	1	1	1	0	4	1

## 16HL JIB COMPOSITION CHART

Jib Length (Feet)	20' Inner	10' Center	20' Center	20' Outer
40	1	0	0	1
50	1	1	0	1
60	1	0	1	1
70	1	1	1	1
80	1	0	2	1
90	1	1	2	1
100	1	0	3	1

## #30 JIB COMPOSITION CHART

Jib Length (Feet)	12.5' Inner	10' Center	30' Center	12.5' Outer
35	1	1	0	1
45	1	2	0	1
55	1	0	1	1
65	1	1	1	1
75	1	2	1	1
85	1	0	2	1
95	1	1	2	1

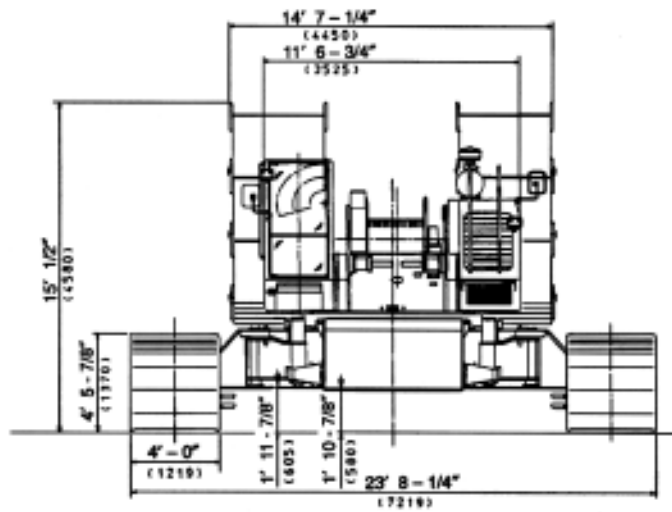
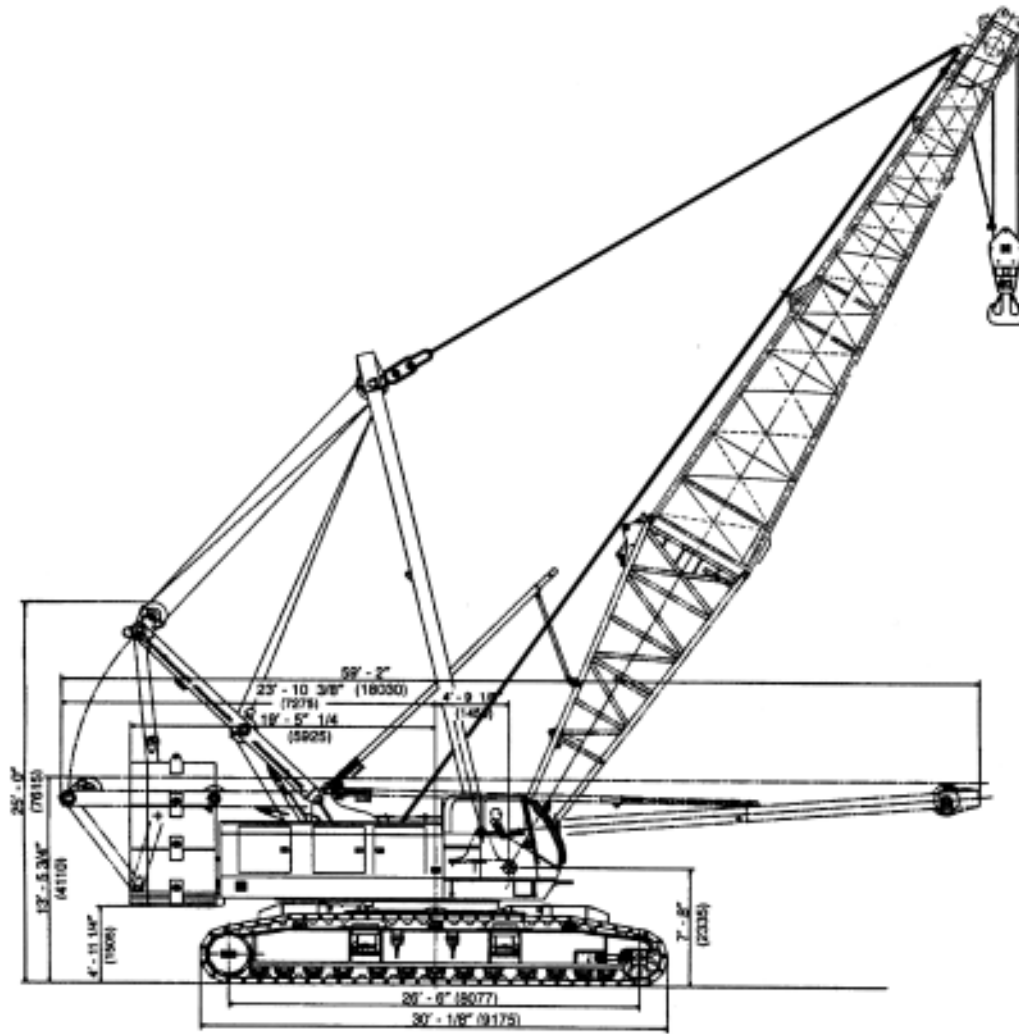
## HOIST DRUM PERFORMANCE

MAIN and AUXILIARY HOIST – 1-1/8" Diameter Rope					
Rope Layer	High Range		Low Range		Total Rope Length
	Line Speed (Feet per Minute)	Single Line Pull	Line Speed (Feet per Minute)	Single Line Pull	
1st*	360	27,030	180	54,055	155
2nd*	390	24,910	195	49,845	314
3rd*	420	23,105	210	46,230	496
4th*	450	21,560	225	43,100	680
5th*	480	20,195	240	40,390	885
6th*	510	18,980	255	37,985	1,095
7th*	540	17,925	270	35,845	1,325
8th**	570	—	285	—	1,560
9th**	600	—	300	—	1,815

\* = Working Layers • \*\* = Storage Layers



# HC 275 GENERAL DIMENSIONS



**! WARNING**

**This rating chart is invalid if the crane has been modified or altered by use of other than GENUINE AMERICAN PARTS as such modifications or alterations may affect its capacity or safe operation. See American Crane Corporation Service Bulletin #259.**

**The ratings in this chart are for planning purposes only. Only those ratings specifically assigned to a crane and mounted in the operator's cab or in the Operator's Manual should be used for actual operation.**

Ratings in this chart are in POUNDS and do not exceed the percentage of tipping specified for this crane by ANSI B30.5. All ratings require that the crane be standing level on a firm uniformly supporting surface.

Do not lift loads in excess of those shown on this chart. Lifting loads in excess of those shown or operation not in accordance with good operating practice, including limitations shown on page 3499 of Operator's Manual, can cause tipping, structural damage or catastrophic failure.

Asterisk (\*) areas on this chart indicate ratings which are limited by strength of material or factors other than stability (tipping).

"RADIUS IN FEET" is the horizontal distance at ground level from the crane centerline of rotation to a vertical line through the center of gravity of the suspended load.

When using the main boom fall with jib in place, the main fall ratings must be reduced by the jib effective weight shown on the jib rating chart plus twice the weight of all suspended blocks, slings, rope, etc., at the jib fall.

Blocks, slings, buckets and other load carrying devices are considered part of the load. The weight of standard hoisting ropes for the rating at a given radius has been calculated as part of the boom point load and need not be considered in determining net allowable loads.

Ratings shown on this chart make no allowance for such factors as out of plumb loads, wind, poor soil conditions and dynamic effects due to excessive operating speeds. The user (operator) must exercise judgement to make allowance for these conditions. See page 3499 of Operator's Manual for detailed information.

No account is taken of the wind force on the load. This effect, which can be substantial for loads with large surface areas, must be considered by the user. In any wind it is strongly recommended that taglines be used to control the load.

Combinations of boom or boom and jib with a total length exceeding 350 ft (107M) can be operated at full rated capacity only in wind speeds of 15 mph (24 km/h) or less. If lifts are to be performed in winds between 15 mph (24 km/h) and 25 mph (40 km/h), ratings must be reduced 10%. No operation of the above combinations should be attempted in wind speeds over 40 km/h (25 MPH). The above limitations do not take into account loads with excessive surface area which are not restrained by tag lines.

BOOM HOIST LINE is 18 parts of 7/8 inch diameter 6 x 26, WS, FW, RAL, IWRC, EIPS wire rope with a minimum breaking strength of 79,600 pounds.

BOOM PENDANT SUSPENSION is 4 parts of 1-3/8 inch diameter EEIPS wire rope with a minimum breaking strength of 211,000 pounds.

JIB BACKSTAY LINE is 7/8 inch diameter wire rope with a minimum breaking strength of 69,200 pounds.

JIB FRONTSTAY PENDANT SUSPENSION is 2 parts of 7/8 inch diameter wire rope with a minimum breaking strength of 69,200 pounds.

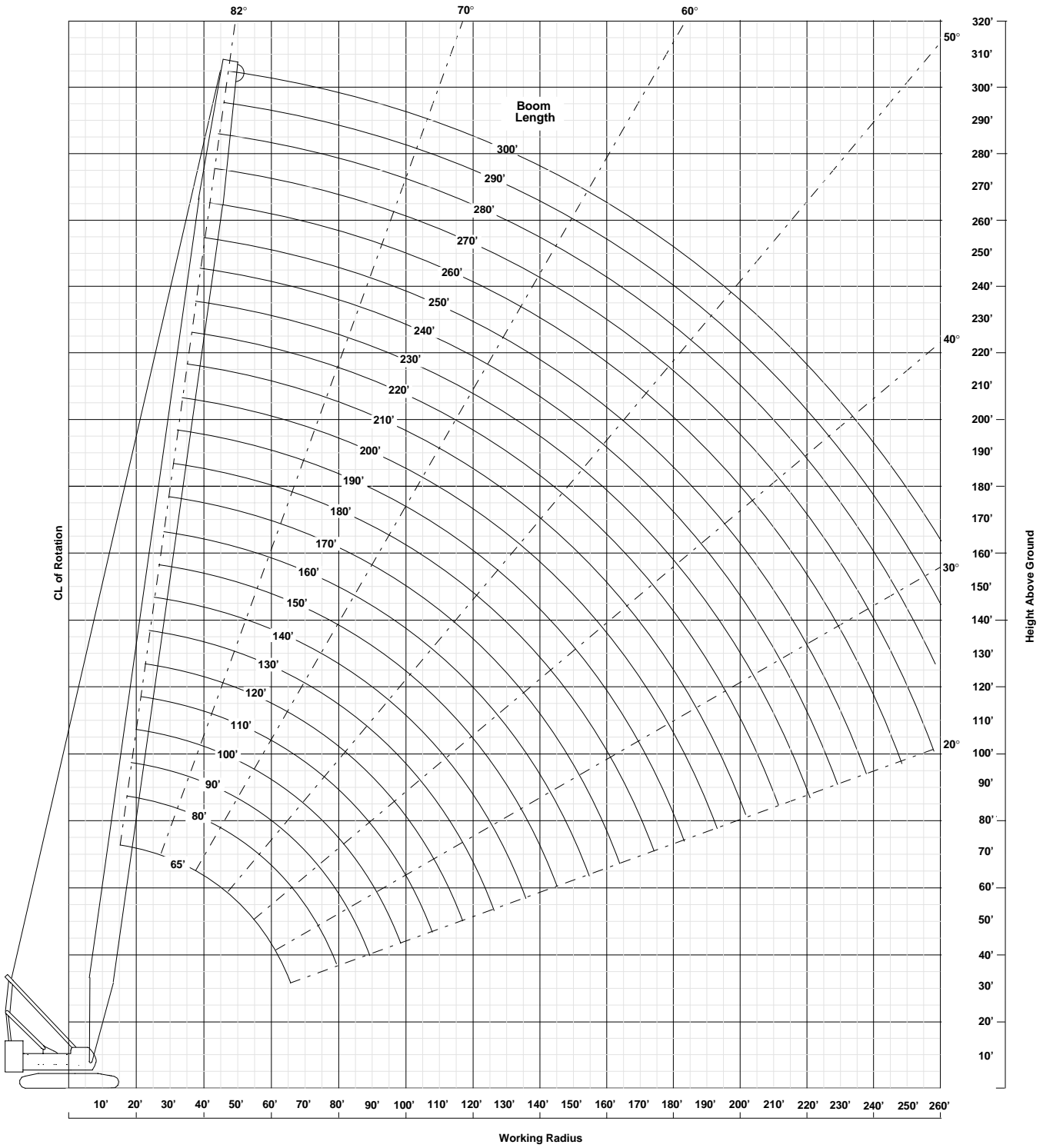
MAIN LOAD LINE is 1-1/8 inch diameter 6x25, FW, RRL, IWRC, EEIPS wire rope with a minimum breaking strength of 143,000 pounds.

WHIPLINE is 1-1/8 inch diameter 6 x 25, FW, RRL, IWRC, EEIPS wire rope with a minimum breaking strength of 143,000 pounds.

**ERECTION**

Erection "BLOCKED OVER THE END" is with the boom over the idler end with idler tumblers blocked (See operator's manual for blocking instructions). Erection "OVER THE SIDE" is with the boom 90° to the side frames. Blocks, slings and other load carrying devices must be on the ground during erection.

# AMERICAN MODEL HC 275 WORKING RANGES WITH 92HI BOOM



For more information, product demonstration, or details on sales, lease and rental plans, please contact your local Terex American Crane Distributor.

We reserve the right to amend these specifications at any time without notice. The only warranty applicable is our standard written warranty applicable to the particular product and sale. We make no other warranty, expressed or implied.

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