TEREX LIFTING

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)
65' (21.3M)	16	81.4	550,000 *	77
	20	77.8	431,740 *	76
	25	73.2	342,870 *	75
	30	68.5	260,230	74
	35	63.6	205,850	72
	40	58.5	169,740	69
	50	47.2	124,690	62
	60	33.1	97,730	52
80' (24.4M)	18	81.6	480,390 *	87
	20	80.1	431,080 *	86
	25	76.4	342,340 *	85
	30	72.7	260,560	84
	35	68.9	206,110	82
	40	64.9	169,970	80
	50	56.6	124,870	74
	60	47.4	97,910	67
	70	36.5	79,960	55
	80	21.0	67,040	36
90' (27.4M)	19	81.8	453,450 *	97
	20	81.2	430,220 *	97
	25	78.0	341,540 *	96
	30	74.7	260,340	94
	35	71.3	205,850	93
	40	67.9	169,700	91
	50	60.8	124,580	86
	60	53.1	97,620	80
	70	44.5	79,700	71
	80	34.2	66,780	58
	90	19.7	57,080	38
100' (30.5M)	21	81.5	407,940 *	107
	25	79.2	340,540 *	106
	30	76.2	259,990	105
	35	73.3	205,460	103
	40	70.2	169,290	102
	50	64.0	124,150	98
	60	57.3	97,190	92
	70	50.1	79,290	84
	80	42.1	66,360	75
	90	32.4	56,670	61
	100	18.6	49,130	40
110' (33.5M)	22	81.8	387,980 *	117
	25	80.2	339,650 *	116
	30	77.5	259,670	115
	35	74.8	205,110	114
	40	72.1	168,930	112
	50	66.5	123,770	109
	60	60.6	96,820	104
	70	54.4	78,920	97
	80	47.6	66,000	89
	90	40.0	56,300	78
	100	30.8	48,760	64
	110	17.7	42,740	41
120' (36.6M)	23	82.0	369,440 *	126
	25	81.0	338,750 *	126
	30	78.6	259,330	125
	35	76.1	204,730	124
	40	73.6	168,540	123
	50	68.6	123,360	119
	60	63.3	96,410	115
	70	57.8	78,530	109
	80	51.9	65,590	102
120' (con't)	90	45.5	55,890	93
	100	38.2	48,350	82
	110	29.4	42,320	67
	120	16.9	37,480	43
130' (39.6M)	25	81.7	321,040 *	136
	30	79.5	259,300	135
	35	77.2	204,710	134
	40	74.9	168,530	133
	50	70.3	123,360	130
	60	65.5	96,430	126
	70	60.5	78,580	121
	80	55.3	65,650	115
	90	49.7	55,940	107
	100	43.6	48,410	97
	110	36.6	42,380	85
	120	28.2	37,600	69
	130	16.2	33,450	44
140' (42.7M)	26	81.9	297,000 *	146
	30	80.2	258,940	146
	35	78.1	204,320	145
	40	76.0	168,130	144
	50	71.8	122,940	141
	60	67.4	96,010	137
	70	62.8	78,170	132
	80	58.1	65,230	127
	90	53.1	55,520	120
	100	47.8	47,980	111
	110	41.9	41,950	101
	120	35.2	37,200	88
	130	27.2	33,060	72
	140	15.6	29,550	45
150' (45.7M)	28	81.7	288,860	156
	30	80.9	258,550	156
	35	78.9	203,880	155
	40	77.0	167,670	154
	50	73.0	122,460	151
	60	69.0	95,530	148
	70	64.8	77,690	143
	80	60.5	64,740	138
	90	55.9	55,020	132
	100	51.2	47,470	124
	110	46.0	41,440	116
	120	40.4	36,720	105
	130	34.0	32,590	91
	140	26.2	29,090	74
	150	15.1	26,080	47
160' (48.8M)	29	81.8	270,330 *	166
	30	81.5	258,170	166
	35	79.6	203,480	165
	40	77.8	167,250	164
	50	74.1	122,020	162
	60	70.3	95,080	158
	70	66.5	77,260	154
	80	62.5	64,280	150
	90	58.3	54,570	144
	100	54.0	47,010	137
	110	49.4	40,970	129
	120	44.5	36,290	120
	130	39.0	32,150	108
	140	32.8	28,660	94
	150	25.3	25,650	76
170' (51.8M)	30	82.0	249,690 *	176
	35	80.3	203,060	175
	40	78.5	166,810	174
	50	75.1	121,560	172
	60	71.5	94,620	169
	70	67.9	76,810	165
	80	64.2	63,830	161
	90	60.4	54,090	155
	100	56.4	46,530	149
	110	52.3	40,500	142
	120	47.8	35,850	134
	130	43.0	31,710	124
	140	37.8	28,210	112
	150	31.8	25,200	97
	160	24.6	22,600	78
180' (54.9M)	32	81.8	215,060 *	186
	35	80.8	202,820	185
	40	79.2	166,600	184
	50	75.9	121,360	182
	60	72.6	94,450	179
	70	69.2	76,660	176
	80	65.8	63,680	172
	90	62.2	53,950	167
	100	58.5	46,390	161
	110	54.7	40,350	155
	120	50.7	35,720	147
	130	46.4	31,600	138
	140	41.8	28,090	128
	150	36.7	25,100	115
	160	30.9	22,490	100
	170	23.8	20,220	80
190' (57.9M)	33	81.9	199,300 *	196
	35	81.3	197,990 *	195
	40	79.8	166,180	195
	50	76.7	120,930	193
	60	73.6	94,000	190
	70	70.4	76,220	187
	80	67.1	63,230	183
	90	63.8	53,490	178
	100	60.4	45,920	173
	110	56.8	40,240	167
	120	53.1	35,280	160
	130	49.2	31,140	152
	140	45.1	27,650	142
	150	40.6	24,650	131
	160	35.7	22,050	118
	170	30.0	19,770	103
	180	23.2	17,770	82
200' (61.0M)	35	81.7	193,970 *	206
	40	80.3	165,740	205
	50	77.4	120,900	203
	60	74.4	93,520	200
	70	71.4	75,740	197
	80	68.3	62,740	194
	90	65.2	52,990	189
	100	62.0	45,410	184
	110	58.7	39,750	179
	120	55.3	34,790	172
	130	51.7	30,640	165
	140	47.9	27,140	156
	150	43.9	24,150	146

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
	160	52.0	19,400	205
	170	49.0	17,130	196
	180	45.8	15,110	187
	190	42.5	13,330	177
	200	39.0	11,730	165
	210	35.2	10,290	152
	220	30.9	9,000	136
	230	26.1	7,820	117
	240	20.1	6,760	94
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 *	285
	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

Courtesy of Crane.Market

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 & 100' (30.5M) BOOM	28	82.0	32,000*				
	30	81.2	32,000*				
	35	79.1	32,000*	81.8	32,000*		
	40	77.0	32,000*	79.7	32,000*		
	50	72.8	32,000*	75.5	32,000*	78.0	30,670*
	60	68.5	32,000*	71.2	32,000*	73.6	27,430*
	70	64.0	32,000*	66.7	32,000*	69.1	24,910*
	80	59.4	32,000*	62.0	29,470*	64.3	22,820*
	90	54.5	31,700*	57.0	26,670*	59.3	21,190*
	100	49.3	28,690*	51.8	24,440*	53.9	19,820*
40' (12.2M) JIB & 110' (33.5M) BOOM	30	81.8	32,000*				
	35	79.8	32,000*				
	40	77.9	32,000*	80.4	32,000*		
	50	74.0	32,000*	76.5	32,000*	78.9	31,340*
	60	70.0	32,000*	72.5	32,000*	74.8	28,110*
	70	65.9	32,000*	68.3	32,000*	70.6	25,570*
	80	61.6	32,000*	64.1	30,800*	66.2	23,580*
	90	57.2	32,000*	59.6	27,890*	61.7	21,870*
	100	52.5	30,320*	54.8	25,620*	56.9	20,550*
	110	47.5	27,820*	49.8	23,760*	51.7	19,370*
40' (12.2M) JIB & 120' (36.6M) BOOM	31	81.9	32,000*				
	35	80.5	32,000*				
	40	78.7	32,000*	81.0	32,000*		
	50	75.0	32,000*	77.4	32,000*	79.6	31,870*
	60	71.3	32,000*	73.6	32,000*	75.8	28,830*
	70	67.5	32,000*	69.8	32,000*	71.9	26,330*
	80	63.6	32,000*	65.8	32,000*	67.9	24,280*
	90	59.5	32,000*	61.7	29,170*	63.7	22,510*
	100	55.2	32,000*	57.4	26,840*	59.4	21,180*
	110	50.7	29,310*	52.9	24,830*	54.7	19,940*
	120	45.9	27,090*	48.0	23,210*	49.7	18,970*
40' (12.2M) JIB & 130' (39.6M) BOOM	33	81.7	32,000*				
	35	81.0	32,000*				
	40	79.3	32,000*	81.6	32,000*		
	50	75.9	32,000*	78.1	32,000*	80.2	32,000*
	60	72.4	32,000*	74.6	32,000*	76.7	29,380*
	70	68.9	32,000*	71.0	32,000*	73.1	26,940*
	80	65.2	32,000*	67.4	32,000*	69.3	24,910*
	90	61.4	32,000*	63.6	30,420*	65.5	23,180*
	100	57.5	32,000*	59.6	27,890*	61.5	21,730*
	110	53.4	30,920*	55.5	25,900*	57.3	20,510*
	120	49.1	28,400*	51.1	24,090*	52.8	19,550*
	130	44.4	26,400*	46.4	22,670*	48.0	18,690*
40' (12.2M) JIB & 140' (42.7M) BOOM	34	81.8	32,000*				
	35	81.5	32,000*				
	40	79.9	32,000*				
	50	76.7	32,000*	78.8	32,000*	80.8	32,000*
	60	73.4	32,000*	75.5	32,000*	77.5	29,930*
	70	70.1	32,000*	72.2	32,000*	74.1	27,510*
	80	66.7	32,000*	68.7	32,000*	70.6	25,480*
	90	63.2	32,000*	65.2	31,530*	67.0	23,770*
	100	59.5	32,000*	61.5	28,920*	63.3	22,360*
	110	55.8	32,000*	57.7	26,840*	59.4	21,100*
	120	51.8	29,900*	53.7	25,050*	55.4	20,060*
	130	47.6	27,730*	49.5	23,540*	51.1	19,140*
	140	43.1	25,860*	44.9	22,270*	46.4	18,380*
40' (12.2M) JIB & 150' (45.7M) BOOM	35	82.0	32,000*				
	40	80.5	32,000*				
	50	77.4	32,000*	79.4	32,000*	81.3	32,000*
	60	74.3	32,000*	76.3	32,000*	78.1	30,460*
	70	71.2	32,000*	73.1	32,000*	74.9	28,070*
	80	68.0	32,000*	69.9	32,000*	71.7	26,030*
	90	64.7	32,000*	66.6	32,000*	68.3	24,300*
	100	61.3	32,000*	63.2	30,030*	64.9	22,810*
	110	57.8	32,000*	59.7	27,810*	61.3	21,610*
	120	54.1	31,290*	56.0	25,990*	57.6	20,530*
	130	50.3	29,020*	52.1	24,460*	53.7	19,620*
	140	46.2	27,050*	48.0	23,100*	49.5	18,880*
	150	41.9	25,430*	43.6	21,930*	44.9	18,220*

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 & 160' (48.8M) BOOM	37	81.8	32,000*				
	40	80.9	32,000*				
	50	78.0	32,000*	79.9	32,000*	81.7	32,000*
	60	75.1	32,000*	77.0	32,000*	78.8	31,030*
	70	72.1	32,000*	74.0	32,000*	75.7	28,620*
	80	69.1	32,000*	71.0	32,000*	72.7	26,540*
	90	66.0	32,000*	67.9	32,000*	69.5	24,790*
	100	62.9	32,000*	64.7	31,040*	66.3	23,340*
	110	59.6	32,000*	61.4	28,840*	63.0	22,150*
	120	56.2	32,000*	58.0	26,860*	59.5	21,030*
	130	52.7	30,320*	54.4	25,290*	55.9	20,090*
	140	48.9	28,300*	50.7	23,910*	52.1	19,270*
	150	45.0	26,570*	46.7	22,660*	48.0	18,610*
	160	40.8	24,230	42.4	21,660*	43.6	18,040*
40' (12.2M) JIB & 170' (51.8M) BOOM	38	81.9	32,000*				
	40	81.4	32,000*				
	50	78.6	32,000*	80.4	32,000*		
	60	75.8	32,000*	77.6	32,000*	79.3	31,380*
	70	73.0	32,000*	74.8	32,000*	76.5	29,030*
	80	70.1	32,000*	71.9	32,000*	73.5	27,030*
	90	67.2	32,000*	69.0	32,000*	70.6	25,360*
	100	64.2	32,000*	66.0	32,000*	67.5	23,860*
	110	61.2	32,000*	62.9	29,730*	64.4	22,550*
	120	58.0	32,000*	59.7	27,740*	61.2	21,480*
	130	54.7	31,490*	56.4	26,130*	57.8	20,560*
	140	51.3	29,170	52.9	24,700*	54.3	19,710*
	150	47.7	26,220	49.3	23,420*	50.6	18,960*
	160	43.9	23,670	45.4	22,350*	46.7	18,370*
	170	39.7	21,450	41.3	21,370*	42.4	17,880*
40' (12.2M) JIB & 180' (54.9M) BOOM	40	81.8	32,000*				
	50	79.1	32,000*	80.9	32,000*		
	60	76.5	32,000*	78.2	32,000*	79.8	31,900*
	70	73.8	32,000*	75.5	32,000*	77.1	29,550*
	80	71.1	32,000*	72.8	32,000*	74.3	27,460*
	90	68.3	32,000*	70.0	32,000*	71.5	25,840*
	100	65.5	32,000*	67.2	32,000*	68.6	24,340*
	110	62.6	32,000*	64.2	30,600*	65.7	23,050*
	120	59.6	32,000*	61.2	28,630*	62.7	21,920*
	130	56.5	32,000*	58.2	26,970*	59.5	20,990*
	140	53.4	28,890	54.9	25,380*	56.3	20,060*
	150	50.0	25,940	51.6	24,080*	52.9	19,330*
	160	46.5	23,390	48.1	22,950*	49.3	18,690*
	170	42.8	21,160	44.3	21,170	45.4	18,120*
	180	38.8	19,210	40.2	19,220	41.3	17,720*
40' (12.2M) JIB & 190' (57.9M) BOOM	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*
	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	31,810	59.7	27,680*	61.1	21,370*
	140	55.2	28,350	56.7	26,220*	58.0	20,480*
	150	52.1	25,400	53.6	24,840*	54.9	19,720*
	160	48.9	22,850	50.3	22,860	51.5	19,050*
	170	45.4	20,620	46.9	20,630	48.0	18,490*
	180	41.8	18,660	43.2	18,670	44.3	18,020*
	190	37.9	16,930	39.2	16,940	40.2	16,960
40' (12.2M) JIB & 200' (61.0M) BOOM	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*
	120	62.4	32,000*	63.9	30,230*	65.2	22,730*
	130	59.7	31,240	61.1	28,480*	62.4	21,770*
	140	56.8	27,790	58.3	26,890*	59.6	20,910*
	150	53.9	24,820	55.4	24,830	56.6	20,090*
	160	50.9	22,270	52.3	22,270	53.5	19,380*
	170	47.8	20,040	49.2	20,050	50.3	18,800*

Courtesy of Crane.Market

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)
200' (con't)	180	44.4	18,080	45.8	18,080	46.9	18,100
	190	40.9	16,340	42.2	16,340	43.2	16,360
	200	37.0	14,800	38.3	14,810	39.3	14,820
40' (12.2M) JIB & 210' (64.0M) BOOM	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*
	120	63.6	32,000*	65.0	31,010*	66.3	23,180*
	130	61.0	30,700	62.4	29,260*	63.7	22,170*
	140	58.3	27,240	59.8	27,250	61.0	21,300*
	150	55.6	24,280	57.0	24,290	58.2	20,500*
	160	52.8	21,720	54.1	21,720	55.3	19,740*
	170	49.8	19,490	51.2	19,490	52.3	19,130*
	180	46.7	17,520	48.1	17,530	49.1	17,540
	190	43.5	15,790	44.8	15,790	45.8	15,810
	200	40.0	14,240	41.3	14,250	42.2	14,260
	210	36.2	12,850	37.5	12,860	38.3	12,880
40' (12.2M) JIB & 220' (67.1M) BOOM	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*
	120	64.7	32,000*	66.1	31,910*	67.3	23,520*
	130	62.2	30,160	63.6	29,980*	64.8	22,510*
	140	59.7	26,700	61.1	26,700	62.3	21,630*
	150	57.1	23,740	58.4	23,740	59.6	20,770*
	160	54.4	21,170	55.8	21,170	56.9	20,070*
	170	51.7	18,930	53.0	18,940	54.1	18,950
	180	48.8	16,960	50.1	16,970	51.1	16,980
	190	45.8	15,230	47.0	15,240	48.1	15,250
	200	42.6	13,670	43.8	13,680	44.8	13,690
	210	39.2	12,280	40.4	12,290	41.3	12,310
	220	35.5	11,040	36.7	11,050	37.5	11,060
40' (12.2M) JIB & 230' (70.1M) BOOM	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*
	120	65.7	32,000*	67.0	32,000*	68.2	23,870*
	130	63.3	29,830	64.7	29,830	65.8	22,850*
	140	60.9	26,360	62.2	26,370	63.4	21,960*
	150	58.5	23,400	59.8	23,410	60.9	21,130*
	160	55.9	20,840	57.2	20,850	58.3	20,400*
	170	53.3	18,610	54.6	18,610	55.7	18,620
	180	50.6	16,630	51.9	16,640	52.9	16,650
	190	47.8	14,890	49.1	14,900	50.1	14,910
	200	44.9	13,340	46.1	13,350	47.0	13,360
	210	41.7	11,950	42.9	11,960	43.8	11,970
	220	38.4	10,700	39.6	10,710	40.4	10,720
	230	34.8	9,570	35.9	9,580	36.7	9,600
40' (12.2M) JIB & 240' (73.2M) BOOM	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	29,300	65.6	29,310	66.8	23,200*
	140	62.0	25,840	63.3	25,840	64.5	22,320*
	150	59.7	22,870	61.0	22,880	62.1	21,460*
	160	57.3	20,300	58.6	20,310	59.6	20,320
	170	54.8	18,070	56.1	18,070	57.1	18,080

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)
240' (con't)	180	52.3	16,100	53.5	16,110	54.5	16,120
	190	49.6	14,350	50.9	14,360	51.8	14,370
	200	46.9	12,790	48.1	12,800	49.0	12,810
	210	44.0	11,400	45.2	11,410	46.1	11,420
	220	40.9	10,150	42.1	10,160	43.0	10,180
	230	37.7	9,020	38.8	9,030	39.6	9,050
	240	34.2	8,000	35.2	8,010	36.0	8,030
40' (12.2M) JIB & 250' (76.2M) BOOM	49	82.0	32,000*				
	50	81.8	32,000*				
	60	79.8	32,000*	81.1	32,000*		
	70	77.8	32,000*	79.1	32,000*	80.3	32,000*
	80	75.7	32,000*	77.0	32,000*	78.3	30,190*
	90	73.7	32,000*	75.0	32,000*	76.2	28,550*
	100	71.6	32,000*	72.9	32,000*	74.1	27,060*
	110	69.6	32,000*	70.8	32,000*	72.0	25,740*
	120	67.4	32,000*	68.7	32,000*	69.8	24,560*
	130	65.3	28,750	66.5	28,760	67.7	23,590*
	140	63.1	25,290	64.3	25,290	65.4	22,600*
	150	60.9	22,310	62.1	22,320	63.2	21,770*
	160	58.6	19,750	59.8	19,750	60.8	19,770
	170	56.2	17,500	57.4	17,510	58.5	17,520
	180	53.8	15,530	55.0	15,540	56.0	15,550
	190	51.3	13,780	52.5	13,790	53.5	13,800
	200	48.7	12,220	49.9	12,230	50.8	12,240
	210	46.0	10,820	47.2	10,830	48.1	10,840
	220	43.2	9,570	44.3	9,580	45.2	9,590
	230	40.2	8,440	41.3	8,440	42.1	8,460
	240	37.0	7,410	38.1	7,420	38.8	7,430
	250	33.5	6,470	34.6	6,480	35.2	6,500
40' (12.2M) JIB & 260' (79.2M) BOOM	51	81.9	32,000*				
	60	80.1	32,000*	81.4	32,000*		
	70	78.2	32,000*	79.4	32,000*	80.6	32,000*
	80	76.2	32,000*	77.5	32,000*	78.7	30,420*
	90	74.3	32,000*	75.5	32,000*	76.7	28,790*
	100	72.3	32,000*	73.5	32,000*	74.7	27,420*
	110	70.3	32,000*	71.5	32,000*	72.6	26,050*
	120	68.2	32,000*	69.5	32,000*	70.6	24,950*
	130	66.2	28,220	67.4	28,230	68.5	23,860*
	140	64.1	24,740	65.3	24,750	66.3	22,930*
	150	61.9	21,780	63.1	21,780	64.2	21,790
	160	59.7	19,200	60.9	19,210	61.9	19,220
	170	57.5	16,960	58.7	16,970	59.7	16,980
	180	55.2	14,990	56.4	14,990	57.3	15,000
	190	52.8	13,240	54.0	13,250	54.9	13,260
	200	50.4	11,680	51.5	11,680	52.4	11,700
	210	47.8	10,280	49.0	10,290	49.9	10,300
	220	45.2	9,010	46.3	9,020	47.2	9,040
	230	42.4	7,870	43.5	7,880	44.3	7,900
	240	39.5	6,840	40.5	6,850	41.3	6,860
	250	36.4	5,900	37.4	5,910	38.1	5,930
	260	33.0	5,050	33.9	5,060	34.6	5,080
40' (12.2M) JIB & 270' (82.3M) BOOM	52	81.9	32,000*				
	60	80.4	32,000*	81.7	32,000*		
	70	78.6	32,000*	79.8	32,000*	80.9	32,000*
	80	76.7	32,000*	77.9	32,000*	79.0	30,770*
	90	74.8	32,000*	76.0	32,000*	77.1	29,160*
	100	72.9	32,000*	74.1	32,000*	75.2	27,660*
	110	70.9	32,000*	72.1	32,000*	73.2	26,420*
	120	69.0	31,790	70.2	31,790	71.2	25,190*
	130	67.0	27,680	68.2	27,680	69.2	24,180*
	140	64.9	24,210	66.1	24,220	67.2	23,310*
	150	62.9	21,230	64.1	21,240	65.1	21,250
	160	60.8	18,660	62.0	18,670	63.0	18,680
	170	58.7	16,420	59.8	16,420	60.8	16,440
	180	56.5	14,440	57.6	14,440	58.6	14,460
	190	54.2	12,690	55.3	12,700	56.3	12,710
	200	51.9	11,130	53.0	11,130	53.9	11,150
	210	49.5	9,730	50.6	9,730	51.5	9,750
	220	47.0	8,460	48.1	8,470	48.9	8,480
	230	44.4	7,320	45.5	7,320	46.3	7,340
	240	41.7	6,280	42.7	6,280	43.5	6,300
	250	38.8	5,340	39.8	5,350	40.6	5,370
	260	35.7	4,490	36.7	4,500	37.4	4,510
	270	32.4	3,700	33.4	3,710	33.9	3,730

Courtesy of Crane.Market

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*
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*

Courtesy of Crane.Market

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*

Courtesy of Crane.Market

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)	180	56.6	15,300	58.0	15,310	59.3	15,320
	190	54.4	13,550	55.8	13,560	57.0	13,570
	200	52.0	11,990	53.4	12,000	54.6	12,010
	210	49.7	10,590	51.0	10,590	52.2	10,610
	220	47.2	9,320	48.5	9,330	49.6	9,340
	230	44.6	8,180	45.9	8,180	47.0	8,200
	240	41.8	7,150	43.2	7,160	44.2	7,170
	250	39.0	6,200	40.3	6,210	41.2	6,230
	260	35.9	5,350	37.1	5,360	38.0	5,380
50' (15.2M) JIB & 270' (82.3M) BOOM	54	82.0	31,970*				
	60	80.9	31,620*				
	70	79.1	30,990*	80.6	27,980*	82.0	25,820*
	80	77.3	30,250*	78.7	27,580*	80.1	25,450*
	90	75.4	29,720*	76.9	27,100*	78.3	24,060*
	100	73.6	29,040*	75.0	26,760*	76.4	22,860*
	110	71.7	28,490*	73.2	26,290*	74.5	21,850*
	120	69.8	28,060*	71.2	25,990*	72.6	20,820*
	130	67.9	27,560*	69.3	25,640*	70.6	20,010*
	140	65.9	24,530	67.4	24,540	68.6	19,230*
	150	64.0	21,550	65.4	21,560	66.6	18,490*
	160	61.9	18,980	63.4	18,980	64.6	17,830*
	170	59.9	16,730	61.3	16,740	62.5	16,750
	180	57.8	14,750	59.2	14,760	60.4	14,770
	190	55.6	12,990	57.0	13,000	58.2	13,020
	200	53.4	11,440	54.8	11,450	55.9	11,460
	210	51.2	10,030	52.5	10,030	53.6	10,050
	220	48.8	8,770	50.1	8,770	51.2	8,790
	230	46.4	7,620	47.7	7,630	48.7	7,640
	240	43.8	6,590	45.1	6,600	46.1	6,610
	250	41.2	5,640	42.4	5,650	43.4	5,670
	260	38.3	4,780	39.6	4,790	40.4	4,810
	270	35.3	3,990	36.5	4,000	37.3	4,020
50' (15.2M) JIB & 280' (85.3M) BOOM	56	81.9	31,660*				
	60	81.2	31,490*				
	70	79.4	30,900*	80.9	27,920*		
	80	77.7	30,240*	79.1	27,470*	80.4	25,370*
	90	75.9	29,630*	77.3	27,080*	78.6	24,320*
	100	74.1	29,080*	75.5	26,650*	76.8	23,150*
	110	72.3	28,540*	73.7	26,300*	75.0	22,050*
	120	70.4	28,010*	71.8	25,890*	73.1	21,120*
	130	68.6	27,510*	70.0	25,550*	71.3	20,180*
	140	66.7	24,160	68.1	24,160	69.3	19,470*
	150	64.8	21,180	66.2	21,190	67.4	18,750*
	160	62.9	18,610	64.2	18,620	65.5	18,070*
	170	60.9	16,360	62.3	16,370	63.4	16,380
	180	58.9	14,390	60.2	14,390	61.4	14,410
	190	56.8	12,630	58.2	12,630	59.3	12,650
	200	54.7	11,060	56.0	11,070	57.2	11,080
	210	52.6	9,660	53.9	9,660	55.0	9,680
	220	50.3	8,390	51.6	8,400	52.7	8,420
	230	48.0	7,240	49.3	7,250	50.3	7,270
	240	45.6	6,210	46.9	6,220	47.9	6,240
	250	43.1	5,260	44.4	5,270	45.3	5,290
	260	40.5	4,400	41.7	4,410	42.6	4,430
	270	37.7	3,610	38.9	3,620	39.7	3,640
50' (15.2M) JIB & 290' (88.4M) BOOM	57	81.9	31,620*				
	60	81.4	31,390*				
	70	79.7	30,860*	81.1	27,830*		
	80	78.0	30,160*	79.4	27,420*	80.7	25,250*
	90	76.3	29,590*	77.7	27,070*	79.0	24,510*
	100	74.6	29,120*	75.9	26,650*	77.2	23,320*
	110	72.8	28,570*	74.2	26,280*	75.4	22,250*
	120	71.0	28,030*	72.4	25,980*	73.7	21,260*
	130	69.2	27,110	70.6	25,530*	71.8	20,470*
	140	67.4	23,640	68.8	23,640	70.0	19,640*
	150	65.6	20,660	66.9	20,660	68.1	18,920*
	160	63.7	18,080	65.1	18,090	66.2	18,100
	170	61.8	15,840	63.2	15,840	64.3	15,860
	180	59.9	13,850	61.2	13,860	62.4	13,870
	190	57.9	12,100	59.2	12,110	60.4	12,120
	200	55.9	10,530	57.2	10,540	58.3	10,550
	210	53.8	9,130	55.1	9,130	56.2	9,150
	220	51.7	7,850	53.0	7,860	54.0	7,880
	230	49.5	6,710	50.8	6,720	51.8	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)
290' (con't)	240	47.3	5,660	48.5	5,670	49.5	5,690
	250	44.9	4,720	46.1	4,730	47.1	4,750
	260	42.4	3,850	43.6	3,860	44.6	3,880
	270	39.9	3,060	41.0	3,070	41.9	3,090
50' (15.2M) JIB & 300' (91.4M) BOOM	59	81.8	31,440*				
	60	81.7	31,440*				
	70	80.0	30,790*	81.4	27,880*		
	80	78.4	30,320*	79.7	27,430*	81.0	25,220*
	90	76.7	29,690*	78.0	27,070*	79.3	24,680*
	100	75.0	29,120*	76.4	26,730*	77.6	23,480*
	110	73.3	28,710*	74.6	26,340*	75.9	22,480*
	120	71.6	28,190*	72.9	25,910*	74.1	21,500*
	130	69.9	26,570	71.2	25,590*	72.4	20,620*
	140	68.1	23,090	69.4	23,090	70.6	19,860*
	150	66.3	20,110	67.6	20,110	68.8	19,180*
	160	64.5	17,530	65.8	17,530	67.0	17,550
	170	62.7	15,280	64.0	15,290	65.1	15,300
	180	60.8	13,300	62.1	13,300	63.2	13,320
	190	58.9	11,540	60.2	11,540	61.3	11,560
	200	57.0	9,970	58.3	9,970	59.4	9,990
	210	55.0	8,560	56.3	8,570	57.3	8,580
	220	53.0	7,290	54.2	7,300	55.3	7,320
	230	50.9	6,140	52.1	6,150	53.2	6,160
	240	48.8	5,100	50.0	5,110	51.0	5,130
	250	46.5	4,140	47.7	4,150	48.7	4,170
	260	44.2	3,270	45.4	3,280	46.3	3,300
60' (18.3M) JIB & 150' (45.7M) BOOM	40	81.8	30,030*				
	50	79.1	28,950*	81.8	26,180*		
	60	76.3	27,870*	79.0	25,360*	81.6	22,670*
	70	73.5	26,880*	76.2	24,650*	78.7	20,790*
	80	70.6	25,950*	73.3	24,000*	75.8	19,280*
	90	67.7	25,120*	70.4	23,320*	72.8	17,970*
	100	64.7	24,360*	67.3	22,130*	69.8	16,830*
	110	61.6	23,680*	64.2	20,490*	66.6	15,840*
	120	58.5	23,060*	61.1	19,080*	63.4	15,030*
	130	55.2	21,770*	57.7	17,920*	60.0	14,290*
	140	51.8	20,300*	54.3	16,860*	56.4	13,670*
	150	48.1	19,030*	50.6	15,990*	52.7	13,120*
60' (18.3M) JIB & 160' (48.8M) BOOM	41	82.0	30,100*				
	50	79.6	29,040*				
	60	76.9	27,960*	79.5	25,480*	82.0	22,840*
	70	74.3	27,100*	76.8	24,710*	79.3	21,050*
	80	71.5	26,150*	74.1	24,050*	76.5	19,550*
	90	68.8	25,410*	71.3	23,490*	73.7	18,280*
	100	65.9	24,630*	68.5	22,760*	70.8	17,160*
	110	63.0	23,910*	65.5	21,040*	67.8	16,160*
	120	60.1	23,340*	62.5	19,690*	64.8	15,350*
	130	57.0	22,620*	59.4	18,470*	61.6	14,590*
	140	53.8	21,100*	56.2	17,420*	58.3	13,930*
	150	50.5	19,730*	52.9	16,460*	54.9	13,370*
	160	47.0	18,600*	49.3	15,670*	51.3	12,920*
60' (18.3M) JIB & 170' (51.8M) BOOM	43	81.8	29,870*				
	50	80.0	29,150*				
	60	77.5	28,190*	80.0	25,510*		
	70	75.0	27,200*	77.4	24,870*	79.8	21,340*
	80	72.4	26,360*	74.8	24,190*	77.1	19,850*
	90	69.7	25,550*	72.2	23,560*	74.4	18,510*
	100	67.0	24,870*	69.5	23,060*	71.7	17,410*
	110	64.3	24,190*	66.7	21,630*	68.9	16,440*
	120	61.5	23,520*	63.9	20,230*	66.0	15,590*
	130	58.6	23,020*	61.0	19,010*	63.0	14,900*
	140	55.6	21,950*	57.9	17,920*	60.0	14,210*
	150	52.5	20,520*	54.8	16,930*	56.8	13,670*
	160	49.3	19,280*	51.5	16,110*	53.4	13,150*
	170	45.9	18,220*	48.1	15,360*	49.9	12,700*
60' (18.3M) JIB & 180' (54.9M) BOOM	44	81.9	29,770*				
	50	80.5	29,210*				
	60	78.0	28,160*	80.4	25,490*		
	70	75.6	27,270*	78.0	24,890*	80.2	21,580*
	80	73.1	26,450*	75.5	24,310*	77.7	20,130*
	90	70.6	25,720*	72.9	23,710*	75.1	18,800*
	100	68.1	25,010*	70.4	23,190*	72.5	17,680*
	110	65.5	24,340*	67.8	22,220*	69.9	16,710*

Courtesy of Crane.Market

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*
	160	53.1	20,690*	55.3	17,020*	57.1	13,650*
	170	50.2	19,520*	52.3	16,240*	54.0	13,160*
	180	47.1	18,550*	49.2	15,530*	50.9	12,750*
	190	43.9	17,550	45.9	14,930*	47.5	12,400*
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*
	160	54.8	21,440*	56.8	17,430*	58.6	13,840*
	170	52.0	20,240*	54.0	16,630*	55.8	13,390*
	180	49.1	18,700	51.1	15,940*	52.8	12,950*
	190	46.1	16,960	48.1	15,280*	49.7	12,580*
	200	42.9	15,410	44.9	14,720*	46.4	12,300*
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*
	160	56.3	22,070*	58.3	17,870*	60.0	14,070*
	170	53.7	20,120	55.6	17,010*	57.3	13,590*
	180	51.0	18,140	52.9	16,330*	54.5	13,170*
	190	48.2	16,400	50.1	15,640*	51.6	12,790*
	200	45.2	14,850	47.1	14,860	48.6	12,450*
	210	42.1	13,460	43.9	13,470	45.4	12,170*
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*
	170	55.2	19,560	57.1	17,430*	58.7	13,800*
	180	52.6	17,590	54.5	16,690*	56.1	13,350*
	190	50.0	15,840	51.8	15,850	53.4	12,950*
	200	47.2	14,280	49.1	14,290	50.6	12,600*

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)
220' (con't)	210	44.3	12,890	46.1	12,900	47.6	12,310*
	220	41.3	11,640	43.0	11,650	44.4	11,680
60' (18.3M) JIB & 230' (70.1M) BOOM	51	81.9	29,250*				
	60	80.1	28,490*				
	70	78.1	27,810*	80.1	25,000*	81.9	22,520*
	80	76.1	27,090*	78.1	24,460*	79.9	21,120*
	90	74.0	26,460*	76.0	24,010*	77.8	19,940*
	100	72.0	25,760*	73.9	23,590*	75.7	18,840*
	110	69.9	25,180*	71.8	23,110*	73.6	17,920*
	120	67.8	24,580*	69.7	22,700*	71.4	17,080*
	130	65.6	24,050*	67.5	21,820*	69.2	16,340*
	140	63.4	23,600*	65.3	20,680*	67.0	15,610*
	150	61.2	23,140*	63.1	19,560*	64.7	15,000*
	160	58.9	21,450	60.8	18,640*	62.4	14,450*
	170	56.5	19,210	58.4	17,810*	60.0	13,970*
	180	54.1	17,240	56.0	17,010*	57.5	13,560*
	190	51.6	15,500	53.4	15,510	55.0	13,120*
	200	49.0	13,940	50.8	13,950	52.3	12,760*
	210	46.3	12,540	48.1	12,550	49.5	12,470*
	220	43.5	11,290	45.2	11,300	46.6	11,320
	230	40.5	10,160	42.2	10,170	43.5	10,190
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*
	170	57.8	18,680	59.6	18,140*	61.2	14,200*
	180	55.5	16,710	57.3	16,710	58.8	13,710*
	190	53.1	14,960	54.9	14,970	56.4	13,290*
	200	50.7	13,400	52.4	13,410	53.9	12,920*
	210	48.2	12,000	49.9	12,010	51.3	12,030
	220	45.5	10,750	47.2	10,750	48.6	10,770
	230	42.7	9,610	44.4	9,620	45.7	9,640
	240	39.8	8,580	41.4	8,590	42.6	8,610
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*
	170	59.0	18,120	60.7	18,130	62.2	14,360*
	180	56.8	16,140	58.5	16,150	60.0	13,900*
	190	54.5	14,390	56.2	14,400	57.7	13,460*
	200	52.2	12,830	53.9	12,840	55.3	12,850
	210	49.8	11,430	51.5	11,440	52.9	11,450
	220	47.3	10,170	49.0	10,180	50.3	10,200
	230	44.7	9,030	46.3	9,040	47.6	9,060
	240	42.0	7,990	43.6	8,000	44.8	8,020
	250	39.1	7,050	40.7	7,070	41.8	7,090
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*

Courtesy of Crane.Market

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
60' (18.3M) JIB & 290' (88.4M) BOOM	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	23,930	69.8	22,200*	71.3	16,770*
	150	66.5	20,960	68.1	20,960	69.5	16,090*
	160	64.7	18,380	66.2	18,390	67.6	15,590*
	170	62.8	16,130	64.4	16,140	65.8	15,050*
	180	61.0	14,150	62.5	14,160	63.9	14,170
	190	59.1	12,390	60.6	12,390	62.0	12,410
	200	57.2	10,830	58.7	10,830	60.0	10,850

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)	210	55.2	9,420	56.7	9,430	58.0	9,440
	220	53.1	8,140	54.6	8,150	55.9	8,170
	230	51.1	7,000	52.5	7,010	53.8	7,030
	240	48.9	5,950	50.4	5,960	51.6	5,980
	250	46.7	5,000	48.1	5,010	49.3	5,030
	260	44.4	4,130	45.8	4,140	46.9	4,160
	270	41.9	3,330	43.3	3,340	44.4	3,370
70' (21.3M) JIB & 180' (54.9M) 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*

Courtesy of Crane.Market

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)
70' (21.3M) JIB & 220' (67.1M) BOOM	52	81.9	21,920*				
	60	80.3	21,390*				
	70	78.3	20,720*	80.6	18,490*		
	80	76.3	20,080*	78.6	17,990*	80.7	16,340*
	90	74.2	19,490*	76.5	17,520*	78.6	15,970*
	100	72.2	18,980*	74.4	17,120*	76.5	15,610*
	110	70.1	18,430*	72.3	16,740*	74.4	15,250*
	120	67.9	17,990*	70.2	16,360*	72.2	14,590*
	130	65.8	17,510*	68.0	15,990*	70.0	13,900*
	140	63.6	17,050*	65.8	15,570*	67.8	13,350*
	150	61.4	16,670*	63.6	15,210*	65.5	12,780*
	160	59.1	16,300*	61.2	14,870*	63.2	12,290*
	170	56.7	15,810*	58.9	14,560*	60.8	11,830*
	180	54.3	15,410*	56.4	14,310*	58.3	11,440*
	190	51.8	15,080*	53.9	13,850*	55.7	11,120*
	200	49.2	14,550	51.3	13,320*	53.1	10,800*
	210	46.5	13,150	48.6	12,840*	50.3	10,520*
	220	43.7	11,890	45.7	11,900	47.3	10,290*
70' (21.3M) JIB & 230' (70.1M) BOOM	53	82.0	21,880*				
	60	80.6	21,400*				
	70	78.7	20,730*	80.9	18,420*		
	80	76.7	20,160*	78.9	17,970*	81.0	16,270*
	90	74.8	19,580*	77.0	17,560*	79.0	16,010*
	100	72.8	19,080*	75.0	17,130*	77.0	15,650*
	110	70.8	18,530*	72.9	16,750*	75.0	15,300*
	120	68.7	18,110*	70.9	16,450*	72.9	14,740*
	130	66.6	17,610*	68.8	16,080*	70.8	14,120*
	140	64.5	17,230*	66.7	15,660*	68.6	13,510*
	150	62.4	16,820*	64.5	15,290*	66.4	12,960*
	160	60.2	16,420*	62.3	14,990*	64.2	12,440*
	170	58.0	16,000*	60.1	14,660*	61.9	12,010*
	180	55.7	15,620*	57.8	14,390*	59.6	11,610*
	190	53.3	15,240*	55.4	14,140*	57.1	11,260*
	200	50.9	14,190	52.9	13,600*	54.6	10,920*
	210	48.3	12,800	50.3	12,810	52.0	10,640*
	220	45.7	11,540	47.7	11,550	49.3	10,410*
	230	42.9	10,410	44.9	10,420	46.4	10,180*
70' (21.3M) JIB & 240' (73.2M) BOOM	55	81.9	21,730*				
	60	80.9	21,430*				
	70	79.0	20,850*	81.2	18,420*		
	80	77.2	20,250*	79.3	18,050*	81.3	16,240*
	90	75.3	19,650*	77.4	17,560*	79.4	16,010*
	100	73.3	19,100*	75.5	17,180*	77.5	15,700*
	110	71.4	18,680*	73.5	16,840*	75.5	15,340*
	120	69.4	18,170*	71.5	16,510*	73.5	14,930*
	130	67.4	17,700*	69.5	16,150*	71.5	14,280*
	140	65.4	17,350*	67.5	15,800*	69.4	13,630*
	150	63.4	16,890*	65.4	15,400*	67.3	13,090*
	160	61.3	16,570*	63.3	15,060*	65.1	12,590*
	170	59.1	16,210*	61.2	14,800*	63.0	12,160*
	180	56.9	15,770*	59.0	14,520*	60.7	11,740*
	190	54.7	15,210	56.7	14,270*	58.4	11,380*
	200	52.4	13,650	54.3	13,660	56.0	11,090*
	210	50.0	12,260	51.9	12,270	53.6	10,760*
	220	47.5	10,990	49.4	11,000	51.0	10,530*
	230	44.9	9,860	46.8	9,870	48.3	9,890
	240	42.2	8,820	44.0	8,830	45.5	8,850
70' (21.3M) JIB & 250' (76.2M) BOOM	56	81.9	21,800*				
	60	81.2	21,540*				
	70	79.4	20,870*	81.5	18,490*		
	80	77.6	20,330*	79.7	18,070*	81.6	16,280*
	90	75.7	19,720*	77.8	17,630*	79.8	15,980*
	100	73.9	19,200*	75.9	17,230*	77.9	15,730*
	110	72.0	18,730*	74.1	16,900*	76.0	15,380*
	120	70.1	18,300*	72.1	16,540*	74.0	15,040*
	130	68.2	17,850*	70.2	16,180*	72.1	14,390*
	140	66.2	17,440*	68.3	15,870*	70.1	13,790*
	150	64.3	17,070*	66.3	15,530*	68.1	13,270*
	160	62.2	16,650*	64.2	15,210*	66.0	12,750*
	170	60.2	16,360*	62.2	14,870*	63.9	12,330*
	180	58.1	15,990*	60.1	14,620*	61.8	11,900*
	190	56.0	14,640	57.9	14,370*	59.6	11,550*
	200	53.7	13,090	55.7	13,100	57.3	11,210*
	210	51.5	11,690	53.4	11,700	55.0	10,890*
250' (con't)	220	49.1	10,420	51.0	10,430	52.6	10,450
	230	46.7	9,280	48.5	9,290	50.1	9,310
	240	44.1	8,240	46.0	8,250	47.4	8,270
	250	41.5	7,300	43.3	7,310	44.7	7,340
70' (21.3M) JIB & 260' (79.2M) BOOM	57	82.0	21,710*				
	60	81.5	21,470*				
	70	79.7	20,920*	81.7	18,480*		
	80	77.9	20,330*	80.0	18,070*	81.9	16,270*
	90	76.2	19,800*	78.2	17,620*	80.1	15,950*
	100	74.4	19,330*	76.4	17,280*	78.3	15,700*
	110	72.6	18,850*	74.6	16,940*	76.4	15,410*
	120	70.7	18,370*	72.7	16,560*	74.5	15,130*
	130	68.9	17,910*	70.9	16,250*	72.7	14,530*
	140	67.0	17,570*	69.0	15,980*	70.8	13,920*
	150	65.1	17,130*	67.0	15,610*	68.8	13,410*
	160	63.2	16,770*	65.1	15,270*	66.8	12,890*
	170	61.2	16,460*	63.1	14,950*	64.8	12,480*
	180	59.2	15,860	61.1	14,690*	62.8	12,070*
	190	57.1	14,110	59.0	14,120	60.7	11,660*
	200	55.0	12,540	56.9	12,550	58.5	11,350*
	210	52.9	11,140	54.7	11,150	56.3	11,010*
	220	50.6	9,870	52.5	9,880	54.0	9,900
	230	48.3	8,730	50.1	8,740	51.6	8,760
	240	45.9	7,690	47.7	7,700	49.2	7,720
	250	43.4	6,740	45.2	6,750	46.6	6,770
	260	40.8	5,870	42.5	5,890	43.9	5,910
70' (21.3M) JIB & 270' (82.3M) BOOM	59	81.9	21,570*				
	60	81.7	21,480*				
	70	80.0	20,930*	82.0	18,470*		
	80	78.3	20,410*	80.3	18,060*		
	90	76.6	19,870*	78.5	17,680*	80.4	15,980*
	100	74.8	19,360*	76.8	17,330*	78.6	15,660*
	110	73.1	18,870*	75.0	16,950*	76.8	15,440*
	120	71.3	18,480*	73.3	16,630*	75.0	15,130*
	130	69.5	18,040*	71.5	16,340*	73.2	14,720*
	140	67.7	17,620*	69.6	16,010*	71.4	14,120*
	150	65.9	17,210*	67.8	15,730*	69.5	13,520*
	160	64.0	16,910*	65.9	15,390*	67.6	13,050*
	170	62.1	16,550*	64.0	15,090*	65.7	12,600*
	180	60.2	15,310	62.0	14,770*	63.7	12,180*
	190	58.2	13,560	60.1	13,570	61.7	11,820*
	200	56.2	11,990	58.0	12,000	59.6	11,470*
	210	54.1	10,590	55.9	10,600	57.5	10,620
	220	52.0	9,310	53.8	9,320	55.3	9,340
	230	49.8	8,170	51.6	8,180	53.1	8,200
	240	47.5	7,130	49.3	7,140	50.7	7,160
	250	45.2	6,180	46.9	6,190	48.3	6,220
	260	42.7	5,310	44.4	5,320	45.8	5,350
	270	40.1	4,520	41.8	4,530	43.1	4,550
70' (21.3M) JIB & 280' (85.3M) BOOM	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*
	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	14,940	62.9	14,870*	64.5	12,290*
	190	59.2	13,180	61.0	13,190	62.6	11,930*
	200	57.3	11,610	59.1	11,620	60.6	11,570*
	210	55.3	10,210	57.1	10,220	58.6	10,240
	220	53.3	8,930	55.0	8,940	56.5	8,960
	230	51.2	7,790	52.9	7,800	54.4	7,820
	240	49.0	6,740	50.8	6,750	52.2	6,770
	250	46.8	5,800	48.5	5,810	49.9	5,830
	260	44.5	4,930	46.2	4,940	47.5	4,970
	270	42.1	4,130	43.7	4,150	45.0	4,170
	280	39.5	3,400	41.1	3,410	42.4	3,440

Courtesy of Crane.Market

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)
70' (21.3M) JIB & 290' (88.4M) BOOM	62	81.9	21,310*				
	70	80.6	20,880*				
	80	79.0	20,400*	80.8	17,960*		
	90	77.3	19,890*	79.2	17,600*	80.9	15,880*
	100	75.7	19,470*	77.5	17,250*	79.3	15,590*
	110	74.1	18,980*	75.9	16,950*	77.6	15,410*
	120	72.4	18,530*	74.2	16,620*	75.9	15,160*
	130	70.7	18,120*	72.5	16,360*	74.2	14,930*
	140	69.0	17,770*	70.8	16,050*	72.5	14,370*
	150	67.3	17,350*	69.1	15,780*	70.7	13,810*
	160	65.6	17,030*	67.3	15,530*	69.0	13,340*
	170	63.8	16,390	65.6	15,270*	67.2	12,840*
	180	62.0	14,400	63.8	14,410	65.3	12,460*
	190	60.2	12,650	61.9	12,660	63.5	12,040*
	200	58.3	11,080	60.1	11,090	61.6	11,110
	210	56.4	9,670	58.1	9,680	59.6	9,700
	220	54.5	8,400	56.2	8,410	57.6	8,430
	230	52.5	7,250	54.2	7,260	55.6	7,280
	240	50.4	6,210	52.1	6,220	53.5	6,240
	250	48.3	5,250	50.0	5,260	51.3	5,280
	260	46.1	4,390	47.8	4,400	49.1	4,420
	270	43.8	3,580	45.5	3,600	46.7	3,620
	280	41.4	2,860	43.0	2,870	44.3	2,890
80' (24.4M) JIB & 200' (61.0M) BOOM	51	82.0	17,300*				
	60	80.1	16,660*				
	70	78.0	16,040*	80.8	14,050*		
	80	75.9	15,460*	78.7	13,640*	81.2	11,980*
	90	73.8	14,890*	76.5	13,120*	79.1	11,590*
	100	71.7	14,350*	74.4	12,670*	76.9	11,260*
	110	69.5	13,870*	72.2	12,210*	74.7	10,950*
	120	67.3	13,370*	69.9	11,790*	72.4	10,640*
	130	65.0	12,860*	67.7	11,430*	70.1	10,370*
	140	62.7	12,410*	65.4	11,110*	67.8	10,150*
	150	60.4	11,950*	63.0	10,810*	65.4	9,950*
	160	58.0	11,560*	60.6	10,520*	62.9	9,760*
	170	55.5	11,190*	58.1	10,280*	60.3	9,620*
	180	53.0	10,880*	55.5	10,050*	57.7	9,470*
	190	50.3	10,600*	52.8	9,880*	55.0	9,380*
	200	47.6	10,370*	50.1	9,720*	52.1	9,230*
80' (24.4M) JIB & 210' (64.0M) BOOM	53	81.9	17,240*				
	60	80.5	16,770*				
	70	78.5	16,130*	81.1	14,070*		
	80	76.4	15,540*	79.1	13,640*	81.6	11,990*
	90	74.4	14,950*	77.0	13,180*	79.5	11,590*
	100	72.3	14,470*	74.9	12,700*	77.4	11,260*
	110	70.2	13,960*	72.8	12,290*	75.2	10,970*
	120	68.1	13,510*	70.7	11,900*	73.1	10,660*
	130	66.0	13,000*	68.5	11,500*	70.9	10,420*
	140	63.8	12,550*	66.3	11,190*	68.6	10,210*
	150	61.5	12,100*	64.0	10,900*	66.3	9,980*
	160	59.2	11,710*	61.7	10,600*	64.0	9,800*
	170	56.9	11,340*	59.4	10,390*	61.6	9,630*
	180	54.5	11,020*	56.9	10,140*	59.1	9,520*
	190	52.0	10,730*	54.4	9,950*	56.5	9,370*
	200	49.4	10,490*	51.8	9,760*	53.8	9,290*
	210	46.7	10,250*	49.1	9,620*	51.0	9,090*
80' (24.4M) JIB & 220' (67.1M) BOOM	54	81.9	17,180*				
	60	80.8	16,820*				
	70	78.8	16,150*	81.4	14,090*		
	80	76.9	15,610*	79.4	13,650*	81.8	12,000*
	90	74.9	15,030*	77.5	13,250*	79.8	11,630*
	100	72.9	14,570*	75.5	12,770*	77.8	11,310*
	110	70.9	14,070*	73.4	12,340*	75.8	10,980*
	120	68.9	13,630*	71.4	11,940*	73.7	10,730*
	130	66.8	13,160*	69.3	11,610*	71.6	10,460*
	140	64.7	12,720*	67.2	11,260*	69.4	10,220*
	150	62.6	12,290*	65.0	10,960*	67.2	10,040*
	160	60.4	11,880*	62.8	10,680*	65.0	9,850*
	170	58.1	11,530*	60.5	10,430*	62.7	9,670*
	180	55.8	11,170*	58.2	10,240*	60.3	9,550*
	190	53.5	10,900*	55.8	10,030*	57.9	9,400*
	200	51.0	10,610*	53.4	9,830*	55.4	9,310*
	210	48.5	10,380*	50.8	9,700*	52.7	9,190*
	220	45.8	10,140*	48.1	9,550*	50.0	8,990*

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)
80' (24.4M) JIB & 230' (70.1M) BOOM	56	81.8	17,090*				
	60	81.1	16,820*				
	70	79.2	16,210*	81.7	14,100*		
	80	77.3	15,610*	79.8	13,690*		
	90	75.4	15,110*	77.9	13,300*	80.2	11,620*
	100	73.5	14,610*	75.9	12,830*	78.2	11,300*
	110	71.6	14,180*	74.0	12,430*	76.2	11,020*
	120	69.6	13,750*	72.0	12,040*	74.2	10,760*
	130	67.6	13,300*	70.0	11,670*	72.2	10,490*
	140	65.6	12,830*	68.0	11,340*	70.1	10,270*
	150	63.5	12,410*	65.9	11,060*	68.0	10,060*
	160	61.4	12,040*	63.8	10,760*	65.9	9,850*
	170	59.3	11,650*	61.6	10,520*	63.7	9,700*
	180	57.1	11,320*	59.4	10,290*	61.5	9,560*
	190	54.8	11,020*	57.1	10,060*	59.1	9,440*
	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*
80' (24.4M) JIB & 240' (73.2M) BOOM	57	81.9	17,010*				
	60	81.4	16,860*				
	70	79.5	16,220*	81.9	14,060*		
	80	77.7	15,680*	80.1	13,690*		
	90	75.9	15,150*	78.3	13,300*	80.5	11,670*
	100	74.0	14,700*	76.4	12,900*	78.6	11,350*
	110	72.2	14,220*	74.5	12,470*	76.7	11,030*
	120	70.3	13,800*	72.6	12,130*	74.8	10,780*
	130	68.3	13,430*	70.7	11,770*	72.8	10,520*
	140	66.4	13,010*	68.7	11,420*	70.8	10,300*
	150	64.4	12,530*	66.7	11,130*	68.8	10,080*
	160	62.4	12,170*	64.7	10,860*	66.8	9,880*
	170	60.4	11,780*	62.6	10,600*	64.7	9,730*
	180	58.3	11,440*	60.5	10,340*	62.5	9,580*
	190	56.1	11,120*	58.3	10,150*	60.3	9,460*
	200	53.9	10,870*	56.1	9,950*	58.0	9,320*
	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	10,090	49.0	9,510*	50.7	8,980*
	240	44.3	9,060	46.4	9,070	48.1	8,780*
80' (24.4M) JIB & 250' (76.2M) BOOM	58	82.0	17,000*				
	60	81.6	16,900*				
	70	79.9	16,300*				
	80	78.1	15,750*	80.4	13,690*		
	90	76.3	15,240*	78.6	13,360*	80.8	11,660*
	100	74.5	14,780*	76.8	12,970*	79.0	11,340*
	110	72.7	14,340*	75.0	12,560*	77.1	11,080*
	120	70.9	13,900*	73.2	12,150*	75.3	10,800*
	130	69.0	13,540*	71.3	11,820*	73.4	10,530*
	140	67.2	13,150*	69.4	11,510*	71.5	10,320*
	150	65.2	12,680*	67.5	11,180*	69.5	10,140*
	160	63.3	12,310*	65.5	10,910*	67.5	9,910*
	170	61.3	11,910*	63.5	10,640*	65.5	9,760*
	180	59.3	11,590*	61.5	10,430*	63.5	9,610*
	190	57.3	11,240*	59.4	10,230*	61.4	9,470*
	200	55.2	10,990*	57.3	10,030*	59.2	9,350*
	210	53.0	10,700*	55.1	9,840*	57.0	9,250*
	220	50.8	10,460*	52.9	9,690*	54.7	9,170*
	230	48.5	9,520	50.6	9,530	52.3	9,040*
	240	46.1	8,480	48.1	8,490	49.8	8,520
	250	43.6	7,540	45.6	7,550	47.2	7,580
80' (24.4M) JIB & 260' (79.2M) BOOM	60	81.9	16,900*				
	70	80.2	16,300*				
	80	78.5	15,810*	80.7	13,680*		
	90	76.7	15,330*	79.0	13,350*	81.1	11,660*
	100	75.0	14,850*	77.2	13,000*	79.3	11,340*
	110	73.2	14,410*	75.5	12,630*	77.5	11,090*
	120	71.5	13,990*	73.7	12,210*	75.7	10,810*
	130	69.7	13,600*	71.9	11,890*	73.9	10,540*
	140	67.9	13,220*	70.1	11,540*	72.1	10,360*
	150	66.0	12,810*	68.2	11,260*	70.2	10,130*
	160	64.2	12,420*	66.3	10,990*	68.3	9,950*
	170	62.3	12,070*	64.4	10,710*	66.3	9,760*
	180	60.3	11,710*	62.5	10,510*	64.4	9,610*
	190	58.4	11,410*	60.5	10,260*	62.3	9,500*

Courtesy of Crane.Market

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)	200	56.3	11,110*	58.4	10,060*	60.3	9,380*
	210	54.3	10,820*	56.4	9,910*	58.2	9,280*
	220	52.1	10,110	54.2	9,720*	56.0	9,190*
	230	50.0	8,970	52.0	8,980	53.7	9,010
	240	47.7	7,930	49.7	7,940	51.4	7,960
	250	45.3	6,980	47.3	6,990	48.9	7,020
	260	42.9	6,110	44.8	6,120	46.4	6,150
80' (24.4M) JIB & 270' (82.3M) BOOM	61	81.9	16,890*				
	70	80.4	16,340*				
	80	78.8	15,820*	81.0	13,710*		
	90	77.1	15,340*	79.3	13,350*	81.4	11,650*
	100	75.4	14,920*	77.6	13,010*	79.6	11,380*
	110	73.7	14,470*	75.9	12,680*	77.9	11,100*
	120	72.0	14,060*	74.2	12,270*	76.2	10,810*
	130	70.3	13,650*	72.4	11,960*	74.4	10,590*
	140	68.5	13,310*	70.7	11,640*	72.6	10,360*
	150	66.8	12,950*	68.9	11,310*	70.8	10,140*
	160	65.0	12,550*	67.1	11,040*	69.0	9,950*
	170	63.1	12,190*	65.2	10,800*	67.1	9,800*
	180	61.3	11,820*	63.3	10,550*	65.2	9,650*
	190	59.4	11,510*	61.4	10,350*	63.3	9,490*
	200	57.4	11,210*	59.5	10,150*	61.3	9,390*
	210	55.5	10,840	57.5	9,950*	59.2	9,270*
	220	53.4	9,560	55.4	9,570	57.2	9,170*
	230	51.3	8,420	53.3	8,430	55.0	8,460
	240	49.2	7,370	51.2	7,380	52.8	7,410
	250	46.9	6,430	48.9	6,440	50.5	6,460
	260	44.6	5,550	46.6	5,570	48.1	5,590
	270	42.2	4,760	44.1	4,780	45.6	4,800
80' (24.4M) JIB & 280' (85.3M) BOOM	63	81.8	16,740*				
	70	80.7	16,320*				
	80	79.1	15,810*	81.2	13,660*		
	90	77.5	15,400*	79.6	13,320*	81.6	11,650*
	100	75.8	14,910*	78.0	13,060*	79.9	11,350*
	110	74.2	14,470*	76.3	12,730*	78.3	11,090*
	120	72.5	14,110*	74.6	12,320*	76.6	10,850*
	130	70.9	13,700*	72.9	11,970*	74.9	10,580*
	140	69.2	13,370*	71.2	11,680*	73.1	10,360*
	150	67.4	13,030*	69.5	11,370*	71.4	10,160*
	160	65.7	12,640*	67.7	11,090*	69.6	10,010*
	170	63.9	12,300*	66.0	10,850*	67.8	9,800*
	180	62.1	11,930*	64.2	10,590*	66.0	9,680*
	190	60.3	11,630*	62.3	10,380*	64.1	9,520*
	200	58.4	11,330*	60.4	10,180*	62.2	9,420*
	210	56.5	10,450	58.5	10,030*	60.3	9,300*
	220	54.6	9,180	56.6	9,200	58.3	9,200*
	230	52.6	8,030	54.6	8,040	56.2	8,060
	240	50.6	6,990	52.5	7,000	54.1	7,020
	250	48.4	6,040	50.4	6,050	51.9	6,080
	260	46.2	5,170	48.1	5,180	49.7	5,200
	270	44.0	4,370	45.8	4,390	47.3	4,410
	280	41.6	3,640	43.4	3,650	44.8	3,680
80' (24.4M) JIB & 290' (88.4M) BOOM	64	81.9	16,680*				
	70	81.0	16,390*				
	80	79.4	15,900*	81.5	13,660*		
	90	77.8	15,390*	79.9	13,330*	81.8	11,640*
	100	76.2	14,960*	78.3	13,050*	80.2	11,390*
	110	74.6	14,530*	76.7	12,720*	78.6	11,080*
	120	73.0	14,130*	75.1	12,390*	77.0	10,850*
	130	71.4	13,780*	73.4	12,030*	75.3	10,620*
	140	69.7	13,420*	71.8	11,730*	73.6	10,370*
	150	68.1	13,130*	70.1	11,400*	71.9	10,190*
	160	66.4	12,800*	68.4	11,130*	70.2	10,000*
	170	64.7	12,410*	66.7	10,880*	68.5	9,840*
	180	63.0	12,050*	64.9	10,670*	66.7	9,680*
	190	61.2	11,740*	63.2	10,420*	64.9	9,520*
	200	59.4	11,320	61.4	10,220*	63.1	9,410*
	210	57.6	9,910	59.5	9,930	61.2	9,310*
	220	55.7	8,650	57.6	8,660	59.3	8,680
	230	53.8	7,490	55.7	7,500	57.3	7,520
	240	51.8	6,450	53.7	6,460	55.3	6,480
	250	49.8	5,500	51.7	5,510	53.2	5,530
	260	47.7	4,620	49.6	4,630	51.1	4,660
	270	45.6	3,830	47.4	3,840	48.9	3,860
	280	43.3	3,090	45.1	3,100	46.6	3,130

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)
90' (27.4M) JIB & 230' (70.1M) BOOM	58	81.9	13,670*				
	60	81.5	13,560*				
	70	79.7	13,000*				
	80	77.9	12,500*	80.6	10,360*		
	90	76.0	11,890*	78.7	9,920*	81.3	8,500*
	100	74.2	11,360*	76.9	9,520*	79.4	8,230*
	110	72.3	10,840*	75.0	9,150*	77.5	7,980*
	120	70.4	10,340*	73.1	8,830*	75.5	7,750*
	130	68.5	9,930*	71.1	8,540*	73.6	7,550*
	140	66.5	9,520*	69.2	8,280*	71.6	7,360*
	150	64.6	9,190*	67.2	8,030*	69.5	7,170*
	160	62.6	8,830*	65.1	7,800*	67.5	7,020*
	170	60.5	8,530*	63.1	7,570*	65.4	6,900*
	180	58.4	8,260*	61.0	7,390*	63.2	6,770*
	190	56.3	8,030*	58.8	7,240*	61.0	6,640*
	200	54.0	7,780*	56.6	7,070*	58.7	6,560*
	210	51.8	7,570*	54.3	6,930*	56.4	6,480*
	220	49.4	7,410*	51.9	6,830*	54.0	6,410*
	230	47.0	7,210*	49.4	6,690*	51.4	6,360*
90' (27.4M) JIB & 240' (73.2M) BOOM	59	81.9	13,600*				
	60	81.8	13,560*				
	70	80.0	13,020*				
	80	78.2	12,510*	80.9	10,380*		
	90	76.5	12,010*	79.1	9,940*	81.5	8,500*
	100	74.7	11,450*	77.3	9,540*	79.7	8,250*
	110	72.9	10,910*	75.4	9,220*	77.9	8,000*
	120	71.0	10,440*	73.6	8,900*	76.0	7,780*
	130	69.2	10,040*	71.7	8,580*	74.1	7,570*
	140	67.3	9,630*	69.8	8,340*	72.2	7,390*
	150	65.4	9,260*	67.9	8,060*	70.2	7,210*
	160	63.5	8,950*	66.0	7,860*	68.3	7,040*
	170	61.5	8,650*	64.0	7,630*	66.2	6,890*
	180	59.5	8,360*	62.0	7,430*	64.2	6,760*
	190	57.4	8,110*	59.9	7,280*	62.1	6,650*
	200	55.3	7,890*	57.8	7,110*	59.9	6,570*
	210	53.1	7,650*	55.6	6,970*	57.7	6,480*
	220	50.9	7,480*	53.3	6,840*	55.4	6,400*
	230	48.6	7,280*	51.0	6,740*	53.0	6,350*
	240	46.2	7,160*	48.6	6,640*	50.5	6,310*
90' (27.4M) JIB & 250' (76.2M) BOOM	61	81.8	13,550*				
	70	80.3	13,100*				
	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*
	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' (27.4M) JIB & 260' (79.2M) BOOM	62	81.9	13,530*				
	70	80.6	13,110*				
	80	78.9	12,610*	81.4	10,410*		
	90	77.3	12,140*	79.7	9,980*		
	100	75.6	11,610*	78.0	9,610*	80.3	8,240*
	110	73.9	11,110*	76.3	9,260*	78.6	7,980*
	120	72.2	10,650*	74.6	8,980*	76.8	7,790*
	130	70.4	10,210*	72.8	8,680*	75.1	7,580*
	140	68.7	9,830*	71.1	8,400*	73.3	7,390*
	150	66.9	9,480*	69.3	8,150*	71.5	7,200*
	160	65.1	9,140*	67.5	7,920*	69.6	7,080*
	170	63.3	8,820*	65.6	7,710*	67.8	6,930*
	180	61.4	8,550*	63.8	7,530*	65.9	6,780*
	190	59.5	8,280*	61.8	7,350*	63.9	6,680*
	200	57.6	8,060*	59.9	7,200*	61.9	6,570*
	210	55.6	7,810*	57.9	7,030*	59.9	6,490*

Courtesy of Crane.Market

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

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)
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*

Courtesy of Crane.Market

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

Courtesy of Crane.Market

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)
35' (10.7M) JIB & 90' (27.4M) BOOM	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*
	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*
35' (10.7M) JIB & 100' (30.5M) BOOM	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*
	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	57,590	55.4	49,710*	57.4	40,590*
	100	47.6	50,100	49.8	45,540*	51.7	40,470*
35' (10.7M) JIB & 110' (33.5M) BOOM	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*		
	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	57,040	58.2	52,700*	60.1	41,640*
	100	51.2	49,540	53.3	48,500*	55.0	40,580*
	110	45.8	43,540	47.9	43,550	49.5	40,570*
35' (10.7M) JIB & 120' (36.6M) BOOM	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*
	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	56,490	60.6	54,840*	62.3	43,490*
	100	54.1	48,980	56.1	48,980	57.8	40,660*
	110	49.3	42,980	51.3	42,980	52.9	40,440*
	120	44.2	38,330	46.1	38,330	47.6	38,340
35' (10.7M) JIB & 130' (39.6M) BOOM	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*
	80	64.5	60,000*	66.5	60,000*	68.2	48,500*
	90	60.6	56,300	62.5	56,310	64.2	45,100*
	100	56.6	48,790	58.4	48,800	60.1	42,420*
	110	52.3	42,790	54.1	42,790	55.7	40,540*
	120	47.7	38,170	49.5	38,170	51.0	38,170
	130	42.8	34,060	44.5	34,060	45.9	34,070
35' (10.7M) JIB & 140' (42.7M) BOOM	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*
	80	66.1	60,000*	67.9	60,000*	69.6	50,140*
	90	62.5	55,770	64.3	55,770	65.9	46,770*
	100	58.7	48,260	60.5	48,260	62.1	43,920*
	110	54.8	42,250	56.5	42,250	58.0	41,540*
	120	50.6	37,650	52.4	37,650	53.8	37,650
	130	46.2	33,550	47.9	33,550	49.3	33,560
	140	41.5	30,070	43.1	30,080	44.4	30,080
35' (10.7M) JIB & 150' (45.7M) BOOM	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*
	90	64.1	55,190	65.8	55,190	67.3	48,280*

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)
150' BOOM (con't)	100	60.6	47,660	62.3	47,670	63.8	45,280*
	110	56.9	41,650	58.6	41,660	60.1	41,670
	120	53.2	37,090	54.8	37,090	56.2	37,090
	130	49.2	32,970	50.8	32,980	52.1	32,980
	140	44.9	29,510	46.5	29,510	47.7	29,520
	150	40.3	26,530	41.8	26,540	43.0	26,540
35' (10.7M) JIB & 160' (48.8M) BOOM	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*
	90	65.5	54,640	67.1	54,650	68.6	49,740*
	100	62.2	47,120	63.8	47,120	65.3	46,770*
	110	58.8	41,110	60.4	41,110	61.8	41,120
	120	55.3	36,560	56.9	36,560	58.3	36,560
	130	51.7	32,450	53.2	32,460	54.5	32,460
	140	47.8	28,970	49.3	28,980	50.6	28,980
	150	43.7	26,000	45.1	26,000	46.3	26,010
	160	39.2	23,430	40.6	23,430	41.7	23,440
35' (10.7M) JIB & 170' (51.8M) BOOM	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*
	90	66.7	54,100	68.3	54,110	69.7	50,960*
	100	63.7	46,570	65.2	46,580	66.6	46,590
	110	60.5	40,550	62.0	40,560	63.4	40,560
	120	57.2	36,030	58.8	36,030	60.1	36,030
	130	53.8	31,920	55.3	31,930	56.6	31,930
	140	50.3	28,440	51.8	28,450	53.0	28,450
	150	46.5	25,460	48.0	25,470	49.1	25,470
	160	42.5	22,880	43.9	22,880	45.0	22,890
	170	38.2	20,630	39.5	20,630	40.5	20,640
35' (10.7M) JIB & 180' (54.9M) BOOM	39	81.9	60,000*				
	40	81.6	60,000*				
	50	79.0	60,000*	80.5	60,000*	82.0	59,690*
	60	76.2	60,000*	77.8	60,000*	79.2	59,690*
	70	73.5	60,000*	75.0	60,000*	76.4	59,690*
	80	70.7	60,000*	72.2	60,000*	73.6	55,740*
	90	67.9	53,820	69.4	53,830	70.7	52,200*
	100	65.0	46,290	66.5	46,300	67.8	46,310
	110	62.0	40,270	63.5	40,270	64.8	40,280
	120	58.9	35,780	60.4	35,780	61.7	35,790
	130	55.8	31,670	57.2	31,670	58.4	31,670
	140	52.5	28,190	53.9	28,200	55.1	28,200
	150	49.0	25,210	50.4	25,220	51.5	25,220
	160	45.4	22,630	46.7	22,640	47.8	22,640
	170	41.5	20,380	42.8	20,380	43.8	20,390
	180	37.2	18,390	38.5	18,390	39.4	18,400
35' (10.7M) JIB & 190' (57.9M) BOOM	41	81.8	60,000*				
	50	79.5	60,000*	80.9	60,000*		
	60	76.9	60,000*	78.3	60,000*	79.7	59,650*
	70	74.3	60,000*	75.7	60,000*	77.1	59,650*
	80	71.6	60,000*	73.0	60,000*	74.4	56,860*
	90	68.9	53,300	70.3	53,300	71.6	53,310
	100	66.2	45,760	67.6	45,760	68.9	45,770
	110	63.3	40,210	64.8	40,210	66.0	40,220
	120	60.5	35,270	61.9	35,270	63.1	35,280
	130	57.5	31,160	58.9	31,160	60.1	31,160
	140	54.4	27,670	55.8	27,680	56.9	27,680
	150	51.2	24,700	52.5	24,700	53.7	24,710
	160	47.8	22,110	49.2	22,110	50.2	22,120
	170	44.3	19,860	45.6	19,860	46.6	19,860
	180	40.5	17,870	41.7	17,880	42.7	17,880
	190	36.3	16,100	37.5	16,110	38.4	16,110
35' (10.7M) JIB & 200' (61.0M) BOOM	42	81.9	60,000*				
	50	79.9	60,000*	81.3	60,000*		
	60	77.4	60,000*	78.8	60,000*	80.2	59,610*
	70	74.9	60,000*	76.3	60,000*	77.6	59,610*
	80	72.4	60,000*	73.8	60,000*	75.1	58,090*
	90	69.8	52,740	71.2	52,740	72.5	52,750
	100	67.2	45,200	68.6	45,200	69.8	45,210

Courtesy of Crane.Market

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)
200' BOOM (con't)	110	64.6	39,660	65.9	39,670	67.1	39,670
	120	61.8	34,730	63.2	34,730	64.4	34,730
	130	59.0	30,610	60.4	30,610	61.5	30,620
	140	56.1	27,120	57.5	27,130	58.6	27,130
	150	53.1	24,140	54.4	24,140	55.5	24,150
	160	50.0	21,560	51.3	21,560	52.3	21,570
	170	46.8	19,300	48.0	19,310	49.0	19,310
	180	43.3	17,310	44.5	17,310	45.4	17,320
	190	39.6	15,540	40.8	15,550	41.6	15,550
	200	35.5	13,970	36.7	13,970	37.4	13,980
35' (10.7M) JIB & 210' (64.0M) BOOM	43	82.0	60,000*				
	50	80.3	60,000*	81.7	60,000*		
	60	78.0	60,000*	79.3	60,000*	80.6	59,560*
	70	75.6	60,000*	76.9	60,000*	78.2	59,560*
	80	73.1	60,000*	74.5	60,000*	75.7	59,040*
	90	70.7	52,210	72.0	52,210	73.2	52,220
	100	68.2	44,670	69.5	44,670	70.7	44,680
	110	65.7	39,150	67.0	39,150	68.1	39,150
	120	63.1	34,210	64.4	34,210	65.5	34,220
	130	60.4	30,080	61.7	30,080	62.8	30,090
	140	57.7	26,610	59.0	26,610	60.1	26,610
	150	54.9	23,620	56.1	23,620	57.2	23,630
	160	52.0	21,030	53.2	21,030	54.2	21,040
	170	48.9	18,770	50.1	18,770	51.1	18,780
	180	45.7	16,780	46.9	16,790	47.9	16,790
	190	42.3	15,010	43.5	15,010	44.4	15,020
	200	38.7	13,430	39.8	13,430	40.7	13,440
	210	34.8	12,010	35.8	12,010	36.6	12,020
35' (10.7M) JIB & 220' (67.1M) BOOM	45	81.8	60,000*				
	50	80.7	60,000*				
	60	78.4	60,000*	79.7	60,000*	80.9	59,510*
	70	76.1	60,000*	77.4	60,000*	78.6	59,510*
	80	73.8	60,000*	75.1	60,000*	76.3	59,510*
	90	71.5	51,680	72.8	51,680	73.9	51,690
	100	69.1	44,130	70.4	44,130	71.5	44,140
	110	66.7	38,630	67.9	38,630	69.1	38,640
	120	64.2	33,680	65.5	33,680	66.6	33,690
	130	61.7	29,560	62.9	29,570	64.0	29,570
	140	59.1	26,080	60.3	26,080	61.4	26,090
	150	56.5	23,090	57.7	23,100	58.7	23,100
	160	53.7	20,500	54.9	20,500	55.9	20,510
	170	50.9	18,240	52.0	18,240	53.0	18,250
	180	47.9	16,250	49.0	16,250	50.0	16,260
	190	44.8	14,470	45.9	14,480	46.8	14,480
	200	41.5	12,890	42.6	12,890	43.4	12,900
	210	37.9	11,470	39.0	11,470	39.7	11,480
	220	34.0	10,190	35.1	10,190	35.7	10,200
35' (10.7M) JIB & 230' (70.1M) BOOM	46	81.9	60,000*				
	50	81.1	60,000*				
	60	78.9	60,000*	80.1	60,000*	81.3	59,460*
	70	76.7	60,000*	77.9	60,000*	79.1	59,460*
	80	74.4	60,000*	75.7	60,000*	76.8	59,460*
	90	72.2	51,350	73.4	51,360	74.6	51,360
	100	69.9	43,790	71.1	43,790	72.2	43,800
	110	67.6	38,330	68.8	38,330	69.9	38,330
	120	65.3	33,380	66.5	33,380	67.5	33,380
	130	62.9	29,260	64.0	29,260	65.1	29,270
	140	60.4	25,770	61.6	25,770	62.6	25,780
	150	57.9	22,790	59.0	22,790	60.0	22,790
	160	55.3	20,200	56.4	20,200	57.4	20,210
	170	52.6	17,940	53.7	17,940	54.7	17,950
	180	49.8	15,940	50.9	15,940	51.9	15,950
	190	46.9	14,170	48.0	14,170	48.9	14,180
	200	43.9	12,580	44.9	12,590	45.8	12,590
	210	40.6	11,170	41.7	11,170	42.5	11,180
	220	37.1	9,880	38.2	9,880	38.9	9,890
	230	33.4	8,720	34.3	8,730	35.0	8,740
35' (10.7M) JIB & 240' (73.2M) BOOM	48	81.8	60,000*				
	50	81.4	60,000*				
	60	79.3	60,000*	80.5	60,000*	81.6	59,410*
	70	77.2	60,000*	78.4	60,000*	79.5	59,410*
	80	75.0	60,000*	76.2	60,000*	77.3	59,410*
	90	72.9	50,830	74.0	50,840	75.1	50,840
	100	70.7	43,270	71.9	43,270	72.9	43,280

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)
240' BOOM (con't)	110	68.5	37,820	69.6	37,820	70.7	37,830
	120	66.2	32,870	67.4	32,870	68.4	32,880
	130	63.9	28,750	65.1	28,750	66.1	28,760
	140	61.6	25,260	62.7	25,270	63.7	25,270
	150	59.2	22,280	60.3	22,280	61.3	22,290
	160	56.7	19,680	57.8	19,690	58.8	19,690
	170	54.2	17,420	55.3	17,420	56.2	17,430
	180	51.6	15,430	52.7	15,430	53.6	15,440
	190	48.8	13,660	49.9	13,660	50.8	13,670
	200	46.0	12,070	47.1	12,070	47.9	12,080
	210	43.0	10,640	44.1	10,650	44.8	10,650
	220	39.8	9,360	40.9	9,360	41.6	9,370
	230	36.4	8,190	37.4	8,200	38.1	8,200
	240	32.7	7,140	33.7	7,140	34.3	7,150
35' (10.7M) JIB & 250' (76.2M) BOOM	49	81.9	60,000*				
	50	81.7	60,000*				
	60	79.7	60,000*	80.8	60,000*	81.9	59,370*
	70	77.6	60,000*	78.8	60,000*	79.9	59,370*
	80	75.6	60,000*	76.7	60,000*	77.8	59,370*
	90	73.5	50,290	74.6	50,300	75.7	50,310
	100	71.4	42,730	72.5	42,730	73.6	42,740
	110	69.2	37,300	70.4	37,300	71.4	37,300
	120	67.1	32,340	68.2	32,350	69.2	32,350
	130	64.9	28,220	66.0	28,220	67.0	28,220
	140	62.7	24,720	63.8	24,720	64.7	24,720
	150	60.4	21,730	61.5	21,730	62.4	21,740
	160	58.0	19,140	59.1	19,150	60.0	19,150
	170	55.6	16,870	56.7	16,870	57.6	16,880
	180	53.1	14,880	54.2	14,880	55.1	14,890
	190	50.6	13,110	51.6	13,110	52.5	13,120
	200	47.9	11,520	49.0	11,520	49.8	11,530
	210	45.1	10,090	46.2	10,090	46.9	10,100
	220	42.2	8,810	43.2	8,810	44.0	8,820
	230	39.1	7,630	40.1	7,640	40.8	7,640
	240	35.8	6,570	36.7	6,580	37.3	6,590
	250	32.1	5,600	33.0	5,600	33.6	5,610
35' (10.7M) JIB & 260' (79.2M) BOOM	50	82.0	60,000*				
	60	80.0	60,000*	81.1	60,000*		
	70	78.0	60,000*	79.2	60,000*	80.2	55,290*
	80	76.1	59,520	77.2	59,240*	78.2	53,860*
	90	74.1	49,770	75.2	49,780	76.2	49,790
	100	72.0	42,200	73.1	42,200	74.1	42,210
	110	70.0	36,790	71.1	36,790	72.1	36,800
	120	67.9	31,830	69.0	31,830	70.0	31,840
	130	65.8	27,700	66.9	27,700	67.8	27,710
	140	63.7	24,210	64.7	24,210	65.7	24,220
	150	61.5	21,210	62.5	21,220	63.5	21,220
	160	59.2	18,620	60.3	18,620	61.2	18,620
	170	56.9	16,350	58.0	16,350	58.9	16,360
	180	54.6	14,360	55.6	14,360	56.5	14,370
	190	52.2	12,580	53.2	12,580	54.0	12,580
	200	49.7	11,000	50.7	11,000	51.5	11,000
	210	47.0	9,570	48.0	9,570	48.8	9,580
	220	44.3	8,280	45.3	8,280	46.0	8,290
	230	41.4	7,110	42.4	7,110	43.1	7,120
	240	38.4	6,050	39.3	6,050	40.0	6,060
	250	35.1	5,070	36.0	5,070	36.6	5,080
	260	31.5	4,170	32.4	4,180	32.9	4,190
35' (10.7M) JIB & 270' (82.3M) BOOM	52	81.8	60,000*				
	60	80.3	60,000*	81.4	57,380*		
	70	78.4	60,000*	79.5	54,860*	80.5	49,420*
	80	76.5	57,190*	77.6	52,360*	78.6	47,740*
	90	74.6	49,240	75.7	49,250	76.7	46,120*
	100	72.6	41,670	73.7	41,670	74.7	41,680
	110	70.7	36,280	71.7	36,280	72.7	36,280
	120	68.7	31,310	69.7	31,320	70.7	31,320
	130	66.6	27,180	67.7	27,190	68.6	27,190
	140	64.6	23,680	65.6	23,690	66.5	23,690
	150	62.5	20,690	63.5	20,690	64.4	20,690
	160	60.3	18,100	61.4	18,100	62.3	18,110
	170	58.2	15,820	59.2	15,830	60.0	15,830
	180	55.9	13,830	56.9	13,830	57.8	13,840
	190	53.6	12,050	54.6	12,050	55.4	12,060
	200	51.2	10,470	52.2	10,470	53.0	10,470
	210	48.8	9,040	49.7	9,040	50.5	9,040

Courtesy of Crane.Market

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)
270' BOOM (con't)	220	46.2	7,750	47.2	7,750	47.9	7,760
	230	43.5	6,570	44.5	6,570	45.2	6,580
	240	40.7	5,510	41.6	5,510	42.3	5,520
	250	37.7	4,530	38.6	4,530	39.3	4,540
45' (13.7M) JIB & 120' (36.6M) BOOM	33	81.9	60,000*				
	35	81.2	60,000*				
	40	79.4	60,000*				
	50	75.9	60,000*	78.5	60,000*	80.9	46,910*
	60	72.3	60,000*	74.8	60,000*	77.2	44,510*
	70	68.6	60,000*	71.1	55,020*	73.5	40,630*
	80	64.8	60,000*	67.3	49,340*	69.6	40,350*
	90	60.9	55,330*	63.4	44,790*	65.6	39,130*
	100	56.9	49,270	59.3	41,060*	61.5	36,220*
	110	52.6	43,270	55.0	40,210*	57.1	33,990*
	120	48.0	38,650	50.4	37,680*	52.3	32,040*
45' (13.7M) JIB & 130' (39.6M) BOOM	34	82.0	60,000*				
	35	81.7	60,000*				
	40	80.0	60,000*				
	50	76.7	60,000*	79.1	60,000*	81.4	46,860*
	60	73.3	60,000*	75.7	60,000*	78.0	45,890*
	70	69.9	60,000*	72.3	57,350*	74.5	41,970*
	80	66.4	60,000*	68.7	51,500*	70.9	40,450*
	90	62.7	56,560	65.1	46,780*	67.2	40,380*
	100	59.0	49,050	61.3	42,900*	63.4	37,690*
	110	55.1	43,050	57.3	40,450*	59.3	35,290*
	120	50.9	38,460	53.2	38,460	55.1	33,380*
	130	46.5	34,360	48.7	34,360	50.5	31,670*
45' (13.7M) JIB & 140' (42.7M) BOOM	36	81.8	60,000*				
	40	80.6	60,000*				
	50	77.4	60,000*	79.7	60,000*	81.9	46,810*
	60	74.2	60,000*	76.5	60,000*	78.7	46,810*
	70	71.0	60,000*	73.3	58,830*	75.4	43,110*
	80	67.7	60,000*	70.0	53,760*	72.0	40,370*
	90	64.3	56,030	66.6	48,740*	68.6	40,370*
	100	60.8	48,510	63.0	44,870*	65.0	39,110*
	110	57.2	42,500	59.4	41,530*	61.3	36,730*
	120	53.4	37,940	55.6	37,940	57.4	34,610*
	130	49.4	33,830	51.5	33,840	53.3	32,820*
	140	45.2	30,360	47.2	30,360	48.9	30,370
45' (13.7M) JIB & 150' (45.7M) BOOM	37	81.9	60,000*				
	40	81.0	60,000*				
	50	78.1	60,000*	80.3	60,000*		
	60	75.1	60,000*	77.2	60,000*	79.3	46,780*
	70	72.0	60,000*	74.2	60,000*	76.2	44,210*
	80	68.9	60,000*	71.0	55,400*	73.0	40,860*
	90	65.7	55,440	67.8	50,630*	69.8	40,410*
	100	62.5	47,920	64.6	46,580*	66.4	40,350*
	110	59.1	41,910	61.2	41,910	63.0	37,990*
	120	55.6	37,370	57.6	37,370	59.4	35,890*
	130	51.9	33,260	53.9	33,270	55.6	33,270
	140	48.0	29,780	50.0	29,790	51.7	29,790
	150	43.9	26,820	45.8	26,820	47.4	26,830
45' (13.7M) JIB & 160' (48.8M) BOOM	39	81.8	60,000*				
	40	81.5	60,000*				
	50	78.7	60,000*	80.7	60,000*		
	60	75.8	60,000*	77.9	60,000*	79.8	46,730*
	70	72.9	60,000*	75.0	60,000*	76.9	45,130*
	80	70.0	60,000*	72.0	56,820*	73.9	41,960*
	90	67.0	54,900	69.0	52,310*	70.8	40,390*
	100	63.9	47,370	65.9	47,380	67.7	40,390*
	110	60.7	41,360	62.7	41,370	64.5	39,200*
	120	57.5	36,840	59.4	36,840	61.2	36,850
	130	54.1	32,720	56.0	32,730	57.7	32,730
	140	50.5	29,250	52.4	29,260	54.0	29,260
	150	46.8	26,270	48.6	26,280	50.2	26,280
	160	42.8	23,700	44.6	23,700	46.0	23,710
45' (13.7M) JIB & 170' (51.8M) BOOM	40	81.9	60,000*				
	50	79.2	60,000*	81.2	60,000*		
	60	76.5	60,000*	78.5	60,000*	80.3	46,680*
	70	73.7	60,000*	75.7	60,000*	77.5	46,060*
	80	70.9	60,000*	72.9	58,190*	74.7	42,830*
	90	68.1	54,350	70.0	53,790*	71.8	40,130*
	100	65.2	46,820	67.1	46,830	68.9	40,130*

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)
170' BOOM (con't)	110	62.2	40,800	64.1	40,800	65.8	40,130*
	120	59.2	36,300	61.0	36,300	62.7	36,310
	130	56.0	32,200	57.9	32,200	59.5	32,200
	140	52.7	28,710	54.5	28,720	56.1	28,720
	150	49.3	25,740	51.1	25,750	52.5	25,750
	160	45.6	23,150	47.4	23,160	48.8	23,170
	170	41.7	20,900	43.4	20,900	44.7	20,910
45' (13.7M) JIB & 180' (54.9M) BOOM	41	82.0	60,000*				
	50	79.7	60,000*	81.6	60,000*		
	60	77.1	60,000*	79.0	60,000*	80.8	46,630*
	70	74.5	60,000*	76.4	60,000*	78.1	46,630*
	80	71.8	60,000*	73.7	59,400*	75.4	43,800*
	90	69.1	54,050	71.0	54,060	72.7	41,060*
	100	66.4	46,520	68.2	46,530	69.9	40,250*
	110	63.6	40,500	65.4	40,510	67.0	40,250*
	120	60.7	36,030	62.5	36,040	64.1	36,040
	130	57.7	31,930	59.5	31,930	61.0	31,940
	140	54.6	28,440	56.4	28,450	57.9	28,450
	150	51.4	25,470	53.2	25,470	54.6	25,480
	160	48.1	22,890	49.8	22,900	51.2	22,900
	170	44.5	20,640	46.2	20,640	47.5	20,650
	180	40.7	18,650	42.3	18,660	43.6	18,660
45' (13.7M) JIB & 190' (57.9M) BOOM	43	81.8	60,000*				
	50	80.1	60,000*	81.9	60,000*		
	60	77.6	60,000*	79.5	60,000*	81.2	46,580*
	70	75.1	60,000*	77.0	60,000*	78.6	46,580*
	80	72.6	60,000*	74.4	60,000*	76.1	44,560*
	90	70.0	53,530	71.8	53,540	73.5	41,830*
	100	67.4	45,990	69.2	45,990	70.8	40,230*
	110	64.8	39,960	66.5	39,970	68.1	40,230*
	120	62.0	35,520	63.8	35,520	65.3	35,520
	130	59.2	31,410	61.0	31,410	62.5	31,420
	140	56.4	27,930	58.0	27,940	59.5	27,940
	150	53.4	24,950	55.0	24,950	56.5	24,960
	160	50.2	22,370	51.9	22,370	53.3	22,380
	170	47.0	20,110	48.6	20,120	49.9	20,120
	180	43.5	18,130	45.1	18,130	46.3	18,140
	190	39.8	16,350	41.3	16,360	42.5	16,370
45' (13.7M) JIB & 200' (61.0M) BOOM	44	81.9	60,000*				
	50	80.5	60,000*				
	60	78.2	60,000*	79.9	60,000*	81.5	46,540*
	70	75.8	60,000*	77.5	60,000*	79.1	46,540*
	80	73.3	60,000*	75.1	60,000*	76.7	45,340*
	90	70.9	52,970	72.6	52,980	74.2	42,660*
	100	68.4	45,430	70.1	45,430	71.6	40,320*
	110	65.9	39,920	67.6	39,920	69.1	39,930
	120	63.3	34,970	64.9	34,970	66.4	34,980
	130	60.6	30,850	62.3	30,850	63.7	30,860
	140	57.9	27,380	59.5	27,380	61.0	27,390
	150	55.1	24,390	56.7	24,400	58.1	24,400
	160	52.2	21,810	53.8	21,810	55.1	21,820
	170	49.1	19,550	50.7	19,550	52.0	19,560
	180	45.9	17,560	47.5	17,570	48.7	17,570
	190	42.5	15,800	44.0	15,800	45.2	15,810
	200	38.9	14,220	40.4	14,220	41.5	14,230
45' (13.7M) JIB & 210' (64.0M) BOOM	46	81.8	60,000*				
	50	80.9	60,000*				
	60	78.6	60,000*	80.3	60,000*	81.9	46,490*
	70	76.3	60,000*	78.0	60,000*	79.6	46,490*
	80	74.0	60,000*	75.7	60,000*	77.2	46,060*
	90	71.7	52,440	73.3	52,450	74.8	43,360*
	100	69.3	44,890	70.9	44,890	72.4	40,960*
	110	66.9	39,390	68.5	39,390	70.0	39,400
	120	64.4	34,450	66.0	34,460	67.5	34,460
	130	61.9	30,330	63.5	30,340	64.9	30,340
	140	59.3	26,850	60.9	26,850	62.3	26,860
	150	56.6	23,860	58.2	23,870	59.6	23,870
	160	53.9	21,280	55.4	21,280	56.8	21,290
	170	51.1	19,020	52.6	19,020	53.8	19,030
	180	48.1	17,030	49.6	17,030	50.8	17,040
	190	45.0	15,260	46.4	15,270	47.6	15,270
	200	41.6	13,680	43.1	13,680	44.2	13,690
	210	38.1	12,260	39.5	12,260	40.5	12,270

Courtesy of Crane.Market

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)
45' (13.7M) JIB & 220' (67.1M) BOOM	47	81.9	60,000*				
	50	81.2	60,000*				
	60	79.1	60,000*	80.7	60,000*		
	70	76.9	60,000*	78.5	60,000*	80.0	46,450*
	80	74.6	60,000*	76.2	60,000*	77.7	46,450*
	90	72.4	51,900	74.0	51,910	75.4	44,170*
	100	70.1	44,350	71.7	44,350	73.1	41,710*
	110	67.8	38,880	69.4	38,880	70.8	38,880
	120	65.4	33,930	67.0	33,930	68.4	33,940
	130	63.0	29,810	64.6	29,810	65.9	29,820
	140	60.6	26,320	62.1	26,320	63.4	26,330
	150	58.1	23,340	59.6	23,340	60.9	23,340
	160	55.5	20,750	57.0	20,750	58.2	20,760
	170	52.8	18,490	54.3	18,490	55.5	18,500
	180	50.0	16,490	51.5	16,490	52.7	16,500
	190	47.1	14,720	48.5	14,720	49.7	14,730
	200	44.0	13,140	45.5	13,150	46.6	13,160
	210	40.8	11,720	42.2	11,720	43.2	11,730
	220	37.3	10,430	38.7	10,430	39.6	10,440
45' (13.7M) JIB & 230' (70.1M) BOOM	48	82.0	60,000*				
	50	81.6	60,000*				
	60	79.5	60,000*	81.0	60,000*		
	70	77.3	60,000*	78.9	60,000*	80.3	46,400*
	80	75.2	60,000*	76.7	60,000*	78.2	46,400*
	90	73.0	51,550	74.6	51,560	76.0	44,690*
	100	70.9	44,000	72.4	44,000	73.8	42,380*
	110	68.6	38,560	70.1	38,560	71.5	38,570
	120	66.4	33,610	67.9	33,610	69.2	33,620
	130	64.1	29,490	65.6	29,490	66.9	29,500
	140	61.7	26,000	63.2	26,010	64.5	26,010
	150	59.4	23,020	60.8	23,020	62.1	23,030
	160	56.9	20,430	58.3	20,440	59.6	20,440
	170	54.4	18,170	55.8	18,170	57.0	18,180
	180	51.7	16,180	53.2	16,180	54.3	16,190
	190	49.0	14,410	50.4	14,410	51.6	14,420
	200	46.2	12,820	47.6	12,820	48.6	12,830
	210	43.2	11,400	44.5	11,410	45.6	11,420
	220	40.0	10,120	41.3	10,130	42.3	10,130
	230	36.6	8,950	37.9	8,960	38.8	8,970
45' (13.7M) JIB & 240' (73.2M) BOOM	50	81.9	60,000*				
	60	79.8	60,000*	81.3	60,000*		
	70	77.8	60,000*	79.3	60,000*	80.7	46,350*
	80	75.7	60,000*	77.2	60,000*	78.6	46,350*
	90	73.7	51,040	75.1	51,050	76.5	45,450*
	100	71.5	43,480	73.0	43,480	74.4	42,990*
	110	69.4	38,060	70.9	38,060	72.2	38,060
	120	67.3	33,100	68.7	33,110	70.0	33,110
	130	65.1	28,990	66.5	28,990	67.8	28,990
	140	62.8	25,500	64.3	25,500	65.5	25,510
	150	60.5	22,500	62.0	22,500	63.2	22,510
	160	58.2	19,920	59.6	19,920	60.8	19,920
	170	55.8	17,650	57.2	17,650	58.4	17,660
	180	53.3	15,660	54.7	15,660	55.8	15,670
	190	50.8	13,890	52.1	13,890	53.2	13,900
	200	48.1	12,300	49.4	12,300	50.5	12,310
	210	45.3	10,880	46.6	10,880	47.7	10,890
	220	42.4	9,600	43.7	9,600	44.7	9,610
	230	39.3	8,420	40.5	8,430	41.5	8,440
	240	35.9	7,360	37.2	7,370	38.0	7,380
45' (13.7M) JIB & 250' (76.2M) BOOM	51	81.9	60,000*				
	60	80.2	60,000*	81.6	60,000*		
	70	78.2	60,000*	79.7	60,000*	81.0	46,310*
	80	76.2	60,000*	77.7	60,000*	79.0	46,310*
	90	74.2	50,500	75.7	50,510	77.0	46,090*
	100	72.2	42,930	73.6	42,930	74.9	42,950
	110	70.1	37,530	71.6	37,530	72.9	37,540
	120	68.1	32,570	69.5	32,570	70.7	32,580
	130	66.0	28,440	67.4	28,440	68.6	28,450
	140	63.8	24,950	65.2	24,950	66.4	24,960
	150	61.6	21,960	63.0	21,970	64.2	21,970
	160	59.4	19,370	60.8	19,370	61.9	19,380
	170	57.1	17,100	58.5	17,110	59.6	17,110
	180	54.8	15,110	56.1	15,110	57.2	15,120
	190	52.3	13,340	53.7	13,340	54.8	13,350
	200	49.8	11,750	51.1	11,750	52.2	11,760

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)
250' BOOM (con't)	210	47.2	10,330	48.5	10,330	49.5	10,340
	220	44.5	9,040	45.7	9,040	46.7	9,050
	230	41.6	7,870	42.9	7,870	43.8	7,880
	240	38.6	6,810	39.8	6,810	40.6	6,820
	250	35.3	5,840	36.5	5,840	37.3	5,850
45' (13.7M) JIB & 260' (79.2M) BOOM	53	81.8	60,000*				
	60	80.5	60,000*	81.9	59,180*		
	70	78.6	60,000*	80.0	57,220*	81.3	46,260*
	80	76.7	59,720	78.1	55,010*	79.4	46,260*
	90	74.7	49,970	76.1	49,980	77.4	46,260*
	100	72.8	42,400	74.2	42,400	75.4	42,420
	110	70.8	37,020	72.2	37,020	73.4	37,020
	120	68.8	32,050	70.2	32,060	71.4	32,060
	130	66.8	27,920	68.2	27,930	69.4	27,930
	140	64.7	24,430	66.1	24,440	67.3	24,440
	150	62.6	21,440	64.0	21,440	65.2	21,450
	160	60.5	18,850	61.8	18,850	63.0	18,860
	170	58.3	16,580	59.6	16,590	60.8	16,590
	180	56.1	14,580	57.4	14,580	58.5	14,590
	190	53.8	12,810	55.1	12,810	56.1	12,820
	200	51.4	11,230	52.7	11,230	53.7	11,240
	210	48.9	9,800	50.2	9,800	51.2	9,810
	220	46.4	8,510	47.6	8,510	48.6	8,520
	230	43.7	7,330	44.9	7,340	45.9	7,340
	240	40.9	6,270	42.1	6,270	43.0	6,280
	250	37.9	5,300	39.1	5,300	39.9	5,310
	260	34.7	4,410	35.8	4,420	36.6	4,430
45' (13.7M) JIB & 270' (82.3M) BOOM	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	49,460	76.6	46,870*	77.8	42,160*
	100	73.4	41,870	74.7	41,880	75.9	40,770*
	110	71.5	36,510	72.8	36,510	74.0	36,520
	120	69.5	31,540	70.8	31,540	72.0	31,550
	130	67.6	27,410	68.9	27,410	70.1	27,420
	140	65.6	23,910	66.9	23,910	68.1	23,920
	150	63.6	20,920	64.9	20,920	66.0	20,930
	160	61.5	18,320	62.8	18,330	63.9	18,330
	170	59.4	16,060	60.7	16,060	61.8	16,070
	180	57.3	14,050	58.6	14,050	59.6	14,060
	190	55.1	12,280	56.4	12,280	57.4	12,290
	200	52.8	10,690	54.1	10,690	55.1	10,700
	210	50.5	9,260	51.7	9,270	52.7	9,280
	220	48.1	7,980	49.3	7,980	50.3	7,990
	230	45.6	6,800	46.8	6,800	47.7	6,810
	240	43.0	5,730	44.1	5,740	45.0	5,740
	250	40.2	4,760	41.3	4,760	42.2	4,770
	260	37.3	3,870	38.4	3,870	39.2	3,880
45' (13.7M) JIB & 280' (85.3M) BOOM	55	82.0	52,150*				
	60	81.1	50,620*				
	70	79.3	47,470*	80.6	42,110*	81.9	35,710*
	80	77.5	44,590*	78.8	40,190*	80.0	34,600*
	90	75.7	42,060*	77.0	36,820*	78.2	33,560*
	100	73.9	38,230*	75.2	35,270*	76.4	32,410*
	110	72.0	36,160	73.3	33,710*	74.5	31,240*
	120	70.2	31,190	71.5	31,200	72.6	29,940*
	130	68.3	27,060	69.6	27,070	70.7	27,070
	140	66.4	23,560	67.7	23,570	68.8	23,570
	150	64.5	20,560	65.7	20,570	66.8	20,570
	160	62.5	17,980	63.7	17,980	64.8	17,990
	170	60.5	15,710	61.7	15,710	62.8	15,720
	180	58.4	13,700	59.7	13,710	60.7	13,710
	190	56.3	11,930	57.5	11,930	58.6	11,940
	200	54.2	10,340	55.4	10,340	56.4	10,350
	210	52.0	8,910	53.2	8,920	54.1	8,920
	220	49.7	7,620	50.9	7,630	51.8	7,630
	230	47.3	6,460	48.5	6,460	49.4	6,470
	240	44.8	5,390	46.0	5,390	46.9	5,400
	250	42.3	4,410	43.4	4,420	44.2	4,430

Courtesy of Crane.Market

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)
55' (16.8M) JIB & 140' (42.7M) BOOM	38	81.9	60,000*				
	40	81.3	60,000*				
	50	78.3	60,000*	81.0	60,000*		
	60	75.3	60,000*	78.0	56,160*	80.5	38,790*
	70	72.3	60,000*	74.9	49,980*	77.4	38,790*
	80	69.2	59,210*	71.8	44,930*	74.2	37,500*
	90	66.0	53,090*	68.6	40,920*	71.0	34,640*
	100	62.7	47,920*	65.3	40,110*	67.6	32,290*
	110	59.3	42,770	61.9	37,330*	64.2	30,260*
	120	55.8	38,230	58.4	35,040*	60.6	28,400*
	130	52.2	34,120	54.7	33,020*	56.8	26,930*
	140	48.3	30,650	50.7	30,660	52.8	25,650*
55' (16.8M) JIB & 150' (45.7M) BOOM	39	82.0	60,000*				
	40	81.7	60,000*				
	50	78.9	60,000*	81.5	60,000*		
	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*
	90	67.2	55,290*	69.7	42,440*	72.0	35,720*
	100	64.1	48,180	66.6	40,350*	68.9	33,270*
	110	61.0	42,170	63.4	38,560*	65.6	31,150*
	120	57.7	37,660	60.1	36,040*	62.3	29,330*
	130	54.3	33,540	56.7	33,550	58.8	27,890*
	140	50.8	30,070	53.1	30,080	55.1	26,490*
	150	47.0	27,100	49.3	27,110	51.2	25,330*
55' (16.8M) JIB & 160' (48.8M) BOOM	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	55,160	70.7	43,790*	72.9	36,670*
	100	65.4	47,630	67.8	40,280*	69.9	34,240*
	110	62.5	41,620	64.8	39,570*	66.9	32,120*
	120	59.4	37,120	61.7	37,120	63.8	30,250*
	130	56.2	33,020	58.5	33,020	60.5	28,700*
	140	52.9	29,540	55.2	29,550	57.1	27,310*
	150	49.5	26,560	51.7	26,570	53.6	26,150*
	160	45.8	23,980	48.0	23,990	49.8	24,000
55' (16.8M) JIB & 170' (51.8M) BOOM	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	54,610	71.6	45,030*	73.7	37,580*
	100	66.6	47,080	68.9	41,500*	70.9	35,020*
	110	63.8	41,050	66.0	40,340*	68.0	32,900*
	120	60.9	36,590	63.1	36,600	65.1	31,110*
	130	57.9	32,480	60.1	32,480	62.1	29,560*
	140	54.8	29,000	57.0	29,010	58.9	28,160*
	150	51.6	26,020	53.8	26,030	55.6	26,030
	160	48.3	23,440	50.4	23,450	52.1	23,450
	170	44.7	21,190	46.8	21,190	48.5	21,200
55' (16.8M) JIB & 180' (54.9M) BOOM	44	81.8	60,000*				
	50	80.3	60,000*				
	60	77.9	60,000*	80.1	60,000*		
	70	75.4	60,000*	77.6	55,610*	79.6	38,700*
	80	72.8	60,000*	75.0	50,740*	77.1	38,700*
	90	70.3	54,300	72.4	46,410*	74.5	38,360*
	100	67.6	46,770	69.8	42,710*	71.8	35,900*
	110	65.0	40,740	67.1	40,250*	69.1	33,790*
	120	62.3	36,310	64.4	36,310	66.3	31,870*
	130	59.4	32,190	61.6	32,190	63.4	30,310*
	140	56.6	28,710	58.6	28,720	60.5	28,730
	150	53.6	25,740	55.6	25,750	57.4	25,750
	160	50.4	23,160	52.5	23,160	54.2	23,170
	170	47.2	20,900	49.2	20,910	50.8	20,910
	180	43.7	18,920	45.7	18,920	47.2	18,930
55' (16.8M) JIB & 190' (57.9M) BOOM	45	81.9	60,000*				
	50	80.7	60,000*				
	60	78.4	60,000*	80.5	60,000*		
	70	76.0	60,000*	78.1	56,540*	80.1	38,670*
	80	73.5	60,000*	75.7	51,980*	77.6	38,670*
	90	71.1	53,770	73.2	47,590*	75.1	38,670*
	100	68.6	46,230	70.7	44,070*	72.6	36,760*
	110	66.1	40,210	68.1	40,220	70.0	34,480*
	120	63.5	35,790	65.5	35,790	67.4	32,630*
	130	60.8	31,670	62.9	31,680	64.7	31,070*
	140	58.1	28,200	60.1	28,200	61.9	28,210
	150	55.3	25,220	57.3	25,230	59.0	25,230
	160	52.4	22,640	54.3	22,640	56.0	22,650
	170	49.3	20,380	51.3	20,380	52.9	20,390
	180	46.1	18,390	48.0	18,400	49.6	18,410
	190	42.7	16,630	44.6	16,630	46.1	16,640
55' (16.8M) JIB & 200' (61.0M) BOOM	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	53,220	73.9	48,800*	75.8	38,650*
	100	69.5	45,670	71.5	45,100*	73.3	37,380*
	110	67.1	40,180	69.1	40,180	70.9	35,230*
	120	64.6	35,240	66.6	35,250	68.4	33,390*
	130	62.1	31,120	64.0	31,130	65.8	31,140
	140	59.5	27,650	61.4	27,650	63.1	27,660
	150	56.8	24,660	58.8	24,670	60.4	24,670
	160	54.1	22,080	56.0	22,080	57.6	22,090
	170	51.2	19,820	53.1	19,820	54.7	19,830
	180	48.3	17,830	50.1	17,830	51.6	17,840
	190	45.1	16,060	47.0	16,070	48.4	16,080
	200	41.8	14,490	43.6	14,490	45.0	14,500
55' (16.8M) JIB & 210' (64.0M) BOOM	48	81.9	60,000*				
	50	81.4	60,000*				
	60	79.2	60,000*	81.2	60,000*		
	70	77.0	60,000*	79.0	58,560*	80.9	38,620*
	80	74.8	60,000*	76.8	54,070*	78.6	38,620*
	90	72.6	52,680	74.5	49,850*	76.3	38,620*
	100	70.3	45,130	72.2	45,130	74.0	38,120*
	110	68.0	39,670	69.9	39,670	71.6	36,060*
	120	65.6	34,720	67.5	34,720	69.3	34,160*
	130	63.2	30,600	65.1	30,600	66.8	30,610
	140	60.8	27,120	62.6	27,120	64.3	27,130
	150	58.2	24,140	60.1	24,140	61.7	24,150
	160	55.7	21,550	57.5	21,560	59.1	21,560
	170	53.0	19,290	54.8	19,290	56.3	19,300
	180	50.2	17,300	52.0	17,300	53.5	17,310
	190	47.3	15,530	49.1	15,530	50.5	15,540
	200	44.2	13,940	46.0	13,950	47.3	13,960
	210	41.0	12,530	42.7	12,530	44.0	12,540
55' (16.8M) JIB & 220' (67.1M) BOOM	49	81.9	60,000*				
	50	81.7	60,000*				
	60	79.6	60,000*	81.5	60,000*		
	70	77.5	60,000*	79.4	59,320*	81.2	38,600*
	80	75.4	60,000*	77.3	54,890*	79.0	38,600*
	90	73.2	52,150	75.1	51,040*	76.8	38,600*
	100	71.0	44,590	72.9	44,590	74.6	38,600*
	110	68.8	39,140	70.7	39,140	72.4	36,670*
	120	66.6	34,200	68.4	34,200	70.1	34,210
	130	64.3	30,070	66.1	30,080	67.7	30,080
	140	61.9	26,590	63.7	26,600	65.4	26,600
	150	59.5	23,600	61.3	23,600	62.9	23,610
	160	57.1	21,010	58.9	21,020	60.4	21,020
	170	54.5	18,750	56.3	18,750	57.8	18,760
	180	51.9	16,760	53.7	16,760	55.1	16,770
	190	49.2	14,990	50.9	14,990	52.3	15,000
	200	46.4	13,410	48.0	13,410	49.4	13,420
	210	43.4	11,980	45.0	11,990	46.3	12,000
	220	40.2	10,700	41.8	10,710	43.0	10,720
55' (16.8M) JIB & 230' (70.1M) BOOM	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	51,790	75.6	51,800	77.3	38,580*
	100	71.7	44,240	73.5	44,240	75.2	38,580*
	110	69.6	38,820	71.4	38,820	73.0	37,420*
	120	67.4	33,860	69.2	33,870	70.8	33,880
	130	65.2	29,750	67.0	29,750	68.6	29,760
	140	63.0	26,260	64.8	26,260	66.3	26,270
	150	60.7	23,280	62.5	23,280	64.0	23,290

Courtesy of Crane.Market

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)
230' BOOM (con't)	160	58.4	20,690	60.1	20,690	61.6	20,700
	170	56.0	18,430	57.7	18,430	59.1	18,440
	180	53.5	16,440	55.2	16,440	56.6	16,450
	190	50.9	14,670	52.6	14,670	54.0	14,680
	200	48.3	13,080	49.9	13,080	51.3	13,090
	210	45.5	11,660	47.1	11,660	48.4	11,670
	220	42.5	10,380	44.1	10,380	45.4	10,390
	230	39.4	9,210	41.0	9,220	42.2	9,230
55' (16.8M) JIB & 240' (73.2M) BOOM	52	81.9	60,000*				
	60	80.3	60,000*				
	70	78.4	60,000*	80.1	60,000*	81.8	38,550*
	80	76.4	60,000*	78.2	56,670*	79.8	38,550*
	90	74.4	51,270	76.1	51,280	77.8	38,550*
	100	72.4	43,710	74.1	43,720	75.7	38,550*
	110	70.3	38,310	72.0	38,310	73.6	38,010*
	120	68.2	33,360	70.0	33,360	71.5	33,370
	130	66.1	29,240	67.8	29,240	69.4	29,250
	140	64.0	25,750	65.7	25,750	67.2	25,760
	150	61.8	22,760	63.5	22,770	65.0	22,770
	160	59.6	20,180	61.2	20,180	62.7	20,190
	170	57.3	17,910	58.9	17,920	60.4	17,920
	180	54.9	15,920	56.6	15,920	58.0	15,930
	190	52.5	14,150	54.1	14,150	55.5	14,160
	200	50.0	12,560	51.6	12,560	52.9	12,570
	210	47.4	11,140	49.0	11,140	50.2	11,150
	220	44.6	9,850	46.2	9,860	47.4	9,860
	230	41.8	8,690	43.3	8,690	44.5	8,700
	240	38.7	7,630	40.2	7,630	41.3	7,640
55' (16.8M) JIB & 250' (76.2M) BOOM	53	82.0	60,000*				
	60	80.7	60,000*				
	70	78.8	60,000*	80.5	59,630*		
	80	76.8	60,000*	78.6	57,290*	80.2	38,530*
	90	74.9	50,730	76.6	50,740	78.2	38,530*
	100	73.0	43,160	74.6	43,170	76.2	38,530*
	110	71.0	37,790	72.7	37,790	74.2	37,800
	120	69.0	32,820	70.7	32,830	72.2	32,830
	130	67.0	28,700	68.6	28,710	70.1	28,710
	140	64.9	25,210	66.5	25,210	68.0	25,220
	150	62.8	22,220	64.4	22,220	65.9	22,230
	160	60.7	19,630	62.3	19,630	63.7	19,640
	170	58.5	17,360	60.1	17,370	61.5	17,380
	180	56.2	15,370	57.8	15,370	59.2	15,380
	190	53.9	13,600	55.5	13,600	56.9	13,610
	200	51.6	12,010	53.1	12,010	54.4	12,020
	210	49.1	10,590	50.6	10,590	51.9	10,600
	220	46.5	9,300	48.1	9,300	49.3	9,310
	230	43.9	8,130	45.4	8,140	46.5	8,150
	240	41.0	7,070	42.5	7,070	43.6	7,080
	250	38.0	6,090	39.5	6,090	40.5	6,100
55' (16.8M) JIB & 260' (79.2M) BOOM	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	50,220	77.0	49,570*	78.6	38,510*
	100	73.5	42,640	75.2	42,650	76.7	38,510*
	110	71.6	37,270	73.2	37,270	74.7	37,280
	120	69.7	32,320	71.3	32,320	72.8	32,330
	130	67.7	28,190	69.3	28,190	70.8	28,200
	140	65.7	24,690	67.4	24,690	68.8	24,700
	150	63.7	21,700	65.3	21,700	66.7	21,710
	160	61.7	19,100	63.3	19,110	64.7	19,110
	170	59.6	16,840	61.2	16,840	62.5	16,850
	180	57.4	14,840	59.0	14,850	60.3	14,850
	190	55.3	13,070	56.8	13,070	58.1	13,080
	200	53.0	11,480	54.5	11,480	55.8	11,490
	210	50.7	10,050	52.2	10,060	53.4	10,070
	220	48.3	8,770	49.7	8,770	51.0	8,780
	230	45.7	7,600	47.2	7,600	48.4	7,610
	240	43.1	6,530	44.6	6,540	45.7	6,550
	250	40.3	5,560	41.8	5,560	42.8	5,570
	260	37.4	4,660	38.8	4,670	39.8	4,680

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)
55' (16.8M) JIB & 270' (82.3M) BOOM	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	42,100	75.6	42,110	77.1	36,690*
	110	72.2	36,770	73.8	36,770	75.2	35,770*
	120	70.3	31,800	71.9	31,810	73.3	31,810
	130	68.5	27,660	70.0	27,670	71.4	27,670
	140	66.5	24,170	68.1	24,180	69.5	24,180
	150	64.6	21,170	66.1	21,180	67.5	21,190
	160	62.6	18,580	64.2	18,580	65.5	18,590
	170	60.6	16,310	62.1	16,310	63.5	16,320
	180	58.6	14,310	60.1	14,320	61.4	14,330
	190	56.5	12,530	58.0	12,530	59.3	12,540
	200	54.3	10,950	55.8	10,950	57.1	10,960
	210	52.1	9,510	53.6	9,520	54.8	9,530
	220	49.8	8,220	51.3	8,230	52.5	8,240
	230	47.5	7,060	48.9	7,060	50.0	7,070
	240	45.0	5,990	46.4	5,990	47.5	6,000
	250	42.4	5,010	43.8	5,020	44.9	5,030
	260	39.7	4,120	41.0	4,130	42.1	4,140
55' (16.8M) JIB & 280' (85.3M) BOOM	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	31,440	72.5	30,440*	73.9	27,960*
	130	69.1	27,310	70.6	27,310	72.0	26,980*
	140	67.3	23,820	68.8	23,820	70.2	23,830
	150	65.4	20,820	66.9	20,820	68.3	20,830
	160	63.5	18,220	65.0	18,220	66.3	18,230
	170	61.6	15,950	63.1	15,960	64.4	15,960
	180	59.6	13,960	61.1	13,960	62.4	13,970
	190	57.6	12,180	59.1	12,190	60.3	12,190
	200	55.5	10,590	57.0	10,590	58.2	10,600
	210	53.4	9,160	54.9	9,170	56.1	9,180
	220	51.3	7,870	52.7	7,880	53.9	7,890
	230	49.0	6,700	50.4	6,710	51.6	6,720
	240	46.7	5,640	48.1	5,640	49.2	5,650
	250	44.3	4,660	45.6	4,660	46.7	4,670
	260	41.7	3,760	43.1	3,770	44.1	3,780
65' (19.8M) JIB & 170' (51.8M) BOOM	45	81.8	55,300*				
	50	80.5	54,350*				
	60	78.1	52,480*	80.7	47,400*		
	70	75.6	50,780*	78.2	46,300*	80.7	32,810*
	80	73.0	49,330*	75.6	42,120*	78.1	32,810*
	90	70.5	47,820*	73.1	39,560*	75.5	31,490*
	100	67.9	46,420*	70.4	38,510*	72.8	29,380*
	110	65.2	41,230	67.7	35,980*	70.1	27,670*
	120	62.5	36,790	65.0	33,670*	67.3	26,050*
	130	59.7	32,670	62.2	31,740*	64.4	24,680*
	140	56.8	29,190	59.3	29,200	61.4	23,550*
	150	53.8	26,220	56.2	26,230	58.4	22,430*
	160	50.6	23,640	53.1	23,650	55.1	21,500*
	170	47.4	21,380	49.8	21,390	51.8	20,660*
65' (19.8M) JIB & 180' (54.9M) BOOM	46	81.9	54,770*				
	50	80.9	54,180*				
	60	78.6	52,460*	81.1	47,220*		
	70	76.2	51,020*	78.7	46,270*	81.1	32,780*
	80	73.7	49,390*	76.3	43,270*	78.6	32,780*
	90	71.3	47,960*	73.8	39,680*	76.1	32,150*
	100	68.8	46,770*	71.3	38,840*	73.6	30,040*
	110	66.3	40,900	68.7	36,800*	71.0	28,260*
	120	63.7	36,490	66.1	34,560*	68.3	26,670*
	130	61.0	32,370	63.4	32,380	65.6	25,390*
	140	58.3	28,900	60.7	28,900	62.8	24,150*
	150	55.5	25,920	57.9	25,930	59.9	23,020*
	160	52.6	23,340	54.9	23,340	56.9	22,090*
	170	49.5	21,090	51.8	21,090	53.8	21,100
	180	46.3	19,100	48.6	19,110	50.5	19,120

Courtesy of Crane.Market

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)
65' (19.8M) JIB & 190' (57.9M) BOOM	47	82.0	54,660*				
	50	81.3	54,120*				
	60	79.0	52,590*	81.4	47,250*		
	70	76.7	51,110*	79.1	46,110*	81.4	32,760*
	80	74.4	49,680*	76.8	44,270*	79.1	32,760*
	90	72.1	48,310*	74.5	40,450*	76.7	32,760*
	100	69.7	46,390	72.1	39,020*	74.3	30,730*
	110	67.3	40,370	69.6	37,710*	71.8	28,940*
	120	64.8	35,970	67.1	35,320*	69.3	27,290*
	130	62.3	31,850	64.6	31,860	66.7	25,900*
	140	59.7	28,380	62.0	28,380	64.1	24,640*
	150	57.0	25,400	59.3	25,410	61.3	23,610*
	160	54.3	22,820	56.5	22,820	58.5	22,580*
	170	51.4	20,570	53.7	20,570	55.6	20,580
	180	48.5	18,580	50.7	18,580	52.5	18,590
	190	45.3	16,810	47.5	16,820	49.3	16,830
65' (19.8M) JIB & 200' (61.0M) BOOM	49	81.8	54,500*				
	50	81.6	54,280*				
	60	79.4	52,920*	81.8	47,270*		
	70	77.2	51,380*	79.6	46,320*	81.8	32,730*
	80	75.0	49,940*	77.3	45,200*	79.5	32,730*
	90	72.8	48,680*	75.1	41,450*	77.2	32,730*
	100	70.5	45,830	72.8	39,160*	74.9	31,280*
	110	68.2	39,800	70.4	38,370*	72.5	29,420*
	120	65.8	35,430	68.1	35,430	70.1	27,910*
	130	63.4	31,310	65.7	31,310	67.7	26,510*
	140	60.9	27,830	63.2	27,840	65.2	25,240*
	150	58.4	24,850	60.6	24,850	62.6	24,110*
	160	55.8	22,260	58.0	22,270	59.9	22,270
	170	53.2	20,010	55.3	20,010	57.2	20,020
	180	50.4	18,020	52.5	18,020	54.3	18,030
	190	47.5	16,250	49.6	16,250	51.3	16,260
	200	44.4	14,660	46.5	14,670	48.2	14,680
65' (19.8M) JIB & 210' (64.0M) BOOM	50	81.9	54,220*				
	60	79.8	52,820*				
	70	77.7	51,470*	79.9	46,350*		
	80	75.6	50,010*	77.8	45,420*	79.9	32,720*
	90	73.4	48,880*	75.6	42,310*	77.7	32,720*
	100	71.2	45,290	73.4	39,310*	75.5	31,790*
	110	69.0	39,850	71.2	38,690*	73.2	30,060*
	120	66.7	34,900	68.9	34,900	70.9	28,410*
	130	64.4	30,780	66.6	30,790	68.6	27,040*
	140	62.1	27,300	64.3	27,310	66.2	25,740*
	150	59.7	24,320	61.8	24,320	63.7	24,330
	160	57.2	21,730	59.4	21,740	61.2	21,750
	170	54.7	19,470	56.8	19,470	58.6	19,480
	180	52.1	17,480	54.2	17,480	55.9	17,490
	190	49.4	15,710	51.4	15,710	53.1	15,720
	200	46.5	14,130	48.5	14,140	50.2	14,140
	210	43.5	12,710	45.5	12,720	47.1	12,730
65' (19.8M) JIB & 220' (67.1M) BOOM	51	82.0	54,030*				
	60	80.2	52,740*				
	70	78.1	51,550*	80.3	46,300*		
	80	76.1	50,270*	78.2	45,430*	80.3	32,690*
	90	74.0	48,900*	76.1	43,240*	78.2	32,690*
	100	71.9	44,750	74.0	40,010*	76.0	32,380*
	110	69.8	39,330	71.9	38,660*	73.9	30,560*
	120	67.6	34,380	69.7	34,390	71.7	28,980*
	130	65.4	30,260	67.5	30,260	69.4	27,560*
	140	63.2	26,780	65.3	26,780	67.1	26,260*
	150	60.9	23,790	63.0	23,790	64.8	23,800
	160	58.5	21,200	60.6	21,200	62.4	21,210
	170	56.1	18,940	58.2	18,950	59.9	18,950
	180	53.7	16,950	55.7	16,950	57.4	16,960
	190	51.1	15,180	53.1	15,180	54.8	15,190
	200	48.4	13,590	50.4	13,590	52.0	13,600
	210	45.6	12,170	47.6	12,180	49.2	12,190
	220	42.7	10,890	44.6	10,890	46.1	10,900
65' (19.8M) JIB & 230' (70.1M) BOOM	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	44,390	74.6	40,750*	76.5	32,670*
	110	70.5	38,990	72.5	38,640*	74.4	31,050*

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)
230' BOOM (con't)	120	68.4	34,040	70.5	34,040	72.3	29,490*
	130	66.3	29,920	68.3	29,920	70.2	28,070*
	140	64.1	26,440	66.2	26,450	68.0	26,450
	150	62.0	23,450	64.0	23,460	65.8	23,470
	160	59.7	20,870	61.7	20,870	63.5	20,880
	170	57.4	18,600	59.4	18,610	61.1	18,620
	180	55.1	16,610	57.0	16,610	58.7	16,620
	190	52.7	14,840	54.6	14,840	56.2	14,850
	200	50.1	13,260	52.1	13,260	53.7	13,270
	210	47.5	11,840	49.4	11,840	51.0	11,850
	220	44.8	10,550	46.7	10,560	48.2	10,570
	230	41.9	9,390	43.8	9,390	45.2	9,400
65' (19.8M) JIB & 240' (73.2M) BOOM	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	43,860	75.1	41,540*	77.0	32,640*
	110	71.1	38,490	73.1	38,490	75.0	31,550*
	120	69.1	33,530	71.1	33,540	72.9	29,990*
	130	67.1	29,410	69.1	29,420	70.9	28,460*
	140	65.1	25,930	67.0	25,930	68.8	25,940
	150	63.0	22,940	64.9	22,940	66.6	22,950
	160	60.8	20,350	62.8	20,350	64.5	20,360
	170	58.6	18,080	60.6	18,090	62.2	18,100
	180	56.4	16,090	58.3	16,090	59.9	16,100
	190	54.1	14,320	56.0	14,320	57.6	14,330
	200	51.7	12,740	53.6	12,740	55.1	12,750
	210	49.3	11,320	51.1	11,320	52.6	11,330
	220	46.7	10,030	48.5	10,030	50.0	10,040
	230	44.0	8,860	45.8	8,870	47.2	8,880
	240	41.2	7,800	43.0	7,800	44.3	7,820
65' (19.8M) JIB & 250' (76.2M) BOOM	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	43,320	75.6	39,450*	77.4	32,620*
	110	71.8	37,960	73.7	37,960	75.5	31,920*
	120	69.8	33,010	71.8	33,010	73.5	30,370*
	130	67.9	28,880	69.8	28,880	71.5	28,890
	140	65.9	25,390	67.8	25,390	69.5	25,400
	150	63.9	22,390	65.8	22,390	67.5	22,400
	160	61.8	19,800	63.7	19,810	65.4	19,820
	170	59.7	17,540	61.6	17,540	63.2	17,550
	180	57.6	15,540	59.5	15,550	61.1	15,550
	190	55.4	13,770	57.2	13,770	58.8	13,780
	200	53.1	12,190	55.0	12,190	56.5	12,200
	210	50.8	10,750	52.6	10,760	54.1	10,770
	220	48.4	9,480	50.2	9,480	51.6	9,490
	230	45.9	8,310	47.6	8,310	49.1	8,320
	240	43.3	7,240	45.0	7,250	46.3	7,260
	250	40.5	6,270	42.2	6,280	43.5	6,290
65' (19.8M) JIB & 260' (79.2M) BOOM	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	42,790	76.1	42,800	77.8	32,600*
	110	72.3	37,450	74.2	37,450	76.0	32,420*
	120	70.5	32,490	72.4	32,500	74.1	30,850*
	130	68.6	28,360	70.5	28,370	72.2	28,380
	140	66.7	24,860	68.5	24,870	70.2	24,880
	150	64.8	21,870	66.6	21,880	68.2	21,890
	160	62.8	19,290	64.6	19,290	66.2	19,300
	170	60.8	17,020	62.6	17,020	64.2	17,030
	180	58.7	15,010	60.5	15,020	62.1	15,030
	190	56.6	13,240	58.4	13,240	59.9	13,250
	200	54.5	11,660	56.2	11,660	57.7	11,670
	210	52.3	10,220	54.0	10,230	55.5	10,240
	220	50.0	8,940	51.7	8,950	53.1	8,960
	230	47.6	7,780	49.3	7,780	50.7	7,790
	240	45.1	6,710	46.8	6,710	48.2	6,720
	250	42.6	5,730	44.2	5,740	45.5	5,750
	260	39.8	4,840	41.5	4,850	42.7	4,860

Courtesy of Crane.Market

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)
65' (19.8M) JIB & 270' (82.3M) BOOM	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	42,250	76.5	38,370*	78.2	32,570*
	110	72.9	36,940	74.7	36,940	76.4	32,570*
	120	71.1	31,980	72.9	31,980	74.6	31,220*
	130	69.3	27,840	71.1	27,840	72.7	27,850
	140	67.4	24,350	69.2	24,350	70.9	24,360
	150	65.6	21,350	67.3	21,350	69.0	21,360
	160	63.7	18,760	65.4	18,760	67.0	18,770
	170	61.7	16,480	63.5	16,490	65.1	16,500
	180	59.8	14,490	61.5	14,490	63.0	14,500
	190	57.7	12,710	59.5	12,720	61.0	12,720
	200	55.7	11,130	57.4	11,130	58.9	11,140
	210	53.6	9,690	55.3	9,700	56.7	9,710
	220	51.4	8,400	53.1	8,410	54.5	8,420
	230	49.2	7,230	50.8	7,240	52.2	7,250
	240	46.8	6,170	48.5	6,170	49.8	6,180
	250	44.4	5,190	46.0	5,190	47.3	5,210
	260	41.9	4,290	43.5	4,300	44.7	4,310
65' (19.8M) JIB & 280' (85.3M) BOOM	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	27,480	71.7	27,490	73.3	25,130*
	140	68.1	23,980	69.9	23,990	71.4	23,990
	150	66.3	20,990	68.0	21,000	69.6	21,000
	160	64.5	18,390	66.2	18,400	67.8	18,410
	170	62.6	16,130	64.3	16,130	65.9	16,140
	180	60.7	14,130	62.4	14,130	63.9	14,140
	190	58.8	12,350	60.5	12,360	62.0	12,370
	200	56.8	10,760	58.5	10,760	60.0	10,770
	210	54.8	9,340	56.5	9,340	57.9	9,350
	220	52.7	8,040	54.4	8,050	55.8	8,060
	230	50.6	6,870	52.2	6,880	53.6	6,890
	240	48.4	5,800	50.0	5,810	51.3	5,820
	250	46.1	4,830	47.7	4,830	49.0	4,840
	260	43.7	3,940	45.3	3,950	46.5	3,960
75' (22.9M) JIB & 190' (57.9M) BOOM	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*
	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	25,560	61.2	25,560	63.5	20,100*
	160	56.0	22,970	58.6	22,980	60.8	19,250*
	170	53.3	20,720	55.9	20,720	58.0	18,460*
	180	50.6	18,730	53.0	18,730	55.2	17,780*
	190	47.6	16,970	50.1	16,980	52.2	16,990
75' (22.9M) JIB & 200' (61.0M) BOOM	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*
	130	64.6	29,660*	67.1	27,040*	69.4	22,620*
	140	62.3	27,980	64.8	26,390*	67.0	21,530*
	150	59.9	25,000	62.4	25,000	64.6	20,590*
	160	57.4	22,420	59.9	22,430	62.1	19,660*
	170	54.9	20,160	57.3	20,160	59.5	18,900*
	180	52.3	18,170	54.7	18,170	56.8	18,180
	190	49.5	16,410	51.9	16,410	54.0	16,420
	200	46.7	14,820	49.1	14,830	51.0	14,840

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)
75' (22.9M) JIB & 210' (64.0M) BOOM	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*
	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	27,460	65.8	26,690*	67.9	21,940*
	150	61.1	24,470	63.5	24,480	65.6	21,000*
	160	58.7	21,900	61.1	21,900	63.2	20,150*
	170	56.3	19,630	58.7	19,640	60.7	19,290*
	180	53.8	17,640	56.2	17,640	58.2	17,650
	190	51.3	15,870	53.6	15,870	55.6	15,880
	200	48.6	14,290	50.9	14,290	52.8	14,300
	210	45.8	12,870	48.1	12,880	49.9	12,890
75' (22.9M) JIB & 220' (67.1M) BOOM	54	81.9	41,850*				
	60	80.7	36,400*				
	70	78.7	36,400*	81.1	31,850*		
	80	76.7	34,550*	79.1	31,120*	81.4	28,230*
	90	74.7	33,680*	77.1	30,500*	79.4	27,650*
	100	72.7	32,760*	75.1	29,710*	77.3	27,010*
	110	70.6	31,950*	73.0	28,940*	75.2	26,100*
	120	68.6	31,180*	70.9	28,170*	73.1	24,730*
	130	66.5	30,420*	68.8	27,530*	71.0	23,480*
	140	64.3	26,930	66.7	26,880*	68.8	22,350*
	150	62.1	23,940	64.5	23,950	66.5	21,410*
	160	59.9	21,360	62.2	21,360	64.3	20,550*
	170	57.6	19,090	59.9	19,100	61.9	19,110
	180	55.3	17,100	57.5	17,100	59.5	17,110
	190	52.8	15,340	55.1	15,340	57.0	15,350
	200	50.3	13,750	52.5	13,750	54.4	13,760
	210	47.7	12,330	49.9	12,330	51.7	12,340
	220	45.0	11,040	47.1	11,050	48.9	11,060
75' (22.9M) JIB & 230' (70.1M) BOOM	55	81.9	41,460*				
	60	81.0	36,350*				
	70	79.1	36,350*	81.4	31,700*		
	80	77.2	34,540*	79.5	31,100*	81.7	28,290*
	90	75.2	33,730*	77.6	30,480*	79.8	27,710*
	100	73.3	32,830*	75.6	29,860*	77.8	27,090*
	110	71.3	32,060*	73.6	29,200*	75.8	26,500*
	120	69.3	31,290*	71.6	28,440*	73.7	25,120*
	130	67.3	30,070	69.6	27,690*	71.7	23,880*
	140	65.2	26,590	67.5	26,590	69.6	22,750*
	150	63.1	23,610	65.4	23,610	67.4	21,810*
	160	61.0	21,020	63.2	21,020	65.2	20,870*
	170	58.8	18,750	61.0	18,760	63.0	18,770
	180	56.6	16,760	58.8	16,770	60.7	16,770
	190	54.3	14,990	56.4	14,990	58.3	15,000
	200	51.9	13,410	54.0	13,410	55.9	13,420
	210	49.4	11,990	51.6	11,990	53.3	12,000
	220	46.9	10,710	49.0	10,710	50.7	10,720
	230	44.2	9,540	46.3	9,550	47.9	9,560
75' (22.9M) JIB & 240' (73.2M) BOOM	57	81.8	36,690*				
	60	81.3	36,690*				
	70	79.4	35,470*	81.7	31,730*		
	80	77.6	34,600*	79.8	31,110*	82.0	28,270*
	90	75.7	33,790*	78.0	30,520*	80.1	27,820*
	100	73.8	33,040*	76.1	29,890*	78.2	27,220*
	110	71.9	32,170*	74.2	29,300*	76.2	26,590*
	120	70.0	31,520*	72.2	28,660*	74.3	25,510*
	130	68.0	29,570	70.3	27,900*	72.3	24,270*
	140	66.1	26,080	68.3	26,080	70.3	23,140*
	150	64.0	23,090	66.2	23,100	68.2	22,120*
	160	62.0	20,500	64.2	20,510	66.1	20,520
	170	59.9	18,240	62.1	18,240	64.0	18,250
	180	57.8	16,240	59.9	16,250	61.8	16,260
	190	55.6	14,470	57.7	14,470	59.5	14,480
	200	53.3	12,890	55.4	12,890	57.2	12,900
	210	51.0	11,460	53.1	11,470	54.8	11,480
	220	48.6	10,180	50.6	10,180	52.3	10,190
	230	46.0	9,010	48.1	9,010	49.7	9,030
	240	43.4	7,950	45.4	7,960	47.0	7,970

Courtesy of Crane.Market

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)
75' (22.9M) JIB & 250' (76.2M) BOOM	58	81.9	36,570*				
	60	81.5	36,570*				
	70	79.8	35,660*	82.0	31,770*		
	80	78.0	34,770*	80.2	31,240*		
	90	76.2	33,950*	78.4	30,660*	80.4	27,910*
	100	74.3	33,180*	76.5	30,030*	78.6	27,220*
	110	72.5	32,410*	74.7	29,520*	76.7	26,680*
	120	70.6	31,760*	72.8	28,750*	74.8	25,820*
	130	68.8	29,030	70.9	28,110*	72.9	24,660*
	140	66.8	25,540	69.0	25,550	70.9	23,510*
	150	64.9	22,540	67.0	22,550	69.0	22,520*
	160	62.9	19,960	65.0	19,960	66.9	19,970
	170	60.9	17,690	63.0	17,690	64.9	17,700
	180	58.9	15,690	61.0	15,700	62.8	15,710
	190	56.8	13,920	58.8	13,920	60.6	13,930
	200	54.6	12,340	56.7	12,340	58.4	12,350
	210	52.4	10,910	54.4	10,920	56.2	10,930
	220	50.1	9,620	52.1	9,630	53.8	9,640
	230	47.7	8,460	49.7	8,460	51.4	8,470
	240	45.3	7,390	47.2	7,390	48.8	7,410
	250	42.7	6,420	44.6	6,430	46.2	6,440
75' (22.9M) JIB & 260' (79.2M) BOOM	59	82.0	40,950*				
	60	81.8	40,880*				
	70	80.1	35,560*				
	80	78.3	34,830*	80.5	31,120*		
	90	76.6	33,980*	78.7	30,580*	80.7	27,880*
	100	74.8	33,260*	76.9	30,020*	78.9	27,410*
	110	73.0	32,490*	75.1	29,490*	77.1	26,760*
	120	71.2	31,860*	73.3	29,020*	75.3	26,220*
	130	69.4	28,520	71.5	28,260*	73.4	24,950*
	140	67.6	25,020	69.7	25,020	71.5	23,910*
	150	65.7	22,030	67.8	22,030	69.6	22,040
	160	63.8	19,440	65.9	19,440	67.7	19,450
	170	61.9	17,170	63.9	17,180	65.7	17,190
	180	59.9	15,170	61.9	15,170	63.7	15,180
	190	57.9	13,390	59.9	13,400	61.7	13,410
	200	55.8	11,810	57.8	11,810	59.6	11,820
	210	53.7	10,380	55.7	10,390	57.4	10,400
	220	51.5	9,090	53.5	9,100	55.2	9,110
	230	49.3	7,920	51.2	7,930	52.9	7,940
	240	47.0	6,860	48.9	6,860	50.5	6,870
	250	44.6	5,890	46.4	5,900	48.0	5,910
	260	42.0	5,000	43.9	5,000	45.3	5,010
75' (22.9M) JIB & 270' (82.3M) BOOM	61	81.9	40,500*				
	70	80.4	35,600*				
	80	78.7	34,750*	80.7	31,080*		
	90	77.0	34,000*	79.0	30,600*	81.0	27,750*
	100	75.3	33,230*	77.3	30,120*	79.3	27,390*
	110	73.5	32,600*	75.6	29,510*	77.5	26,940*
	120	71.8	31,970*	73.8	29,110*	75.7	26,410*
	130	70.0	27,990	72.1	28,000	73.9	25,340*
	140	68.3	24,500	70.3	24,510	72.1	24,200*
	150	66.5	21,500	68.5	21,510	70.3	21,520
	160	64.6	18,910	66.6	18,920	68.4	18,930
	170	62.8	16,650	64.7	16,650	66.5	16,660
	180	60.9	14,640	62.8	14,640	64.6	14,650
	190	58.9	12,860	60.9	12,870	62.6	12,880
	200	57.0	11,280	58.9	11,280	60.6	11,290
	210	54.9	9,850	56.9	9,850	58.5	9,860
	220	52.9	8,560	54.8	8,570	56.4	8,580
	230	50.7	7,390	52.6	7,400	54.2	7,410
	240	48.5	6,320	50.4	6,330	52.0	6,340
	250	46.2	5,350	48.1	5,350	49.6	5,360
	260	43.9	4,450	45.7	4,460	47.1	4,470
	270	41.4	3,630	43.2	3,630	44.5	3,650
85' (25.9M) JIB & 220' (67.1M) BOOM	56	81.9	29,950*				
	60	81.1	29,570*				
	70	79.2	28,600*	81.9	25,320*		
	80	77.3	27,700*	80.0	24,430*		
	90	75.4	26,890*	78.0	23,680*	80.6	21,040*
	100	73.4	26,170*	76.1	22,920*	78.6	20,540*
	110	71.5	25,200*	74.1	22,190*	76.5	20,040*
	120	69.5	24,270*	72.1	21,590*	74.5	19,530*
	130	67.4	23,540*	70.0	20,990*	72.4	19,080*
	140	65.4	22,740*	68.0	20,490*	70.3	18,700*

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)
220' BOOM (cont'd)	150	63.3	22,040*	65.9	19,900*	68.2	18,310*
	160	61.1	21,380*	63.7	19,480*	66.0	17,860*
	170	59.0	19,280	61.5	19,040*	63.7	17,160*
	180	56.7	17,290	59.2	17,300	61.4	16,500*
	190	54.4	15,520	56.9	15,520	59.1	15,530
	200	52.0	13,940	54.5	13,940	56.6	13,950
	210	49.6	12,520	52.0	12,520	54.1	12,530
	220	47.0	11,230	49.4	11,230	51.4	11,250
85' (25.9M) JIB & 230' (70.1M) BOOM	57	82.0	29,730*				
	60	81.4	29,540*				
	70	79.6	28,640*				
	80	77.7	27,810*	80.3	24,580*		
	90	75.9	27,040*	78.4	23,770*	80.9	21,170*
	100	74.0	26,220*	76.5	23,050*	78.9	20,560*
	110	72.1	25,490*	74.6	22,350*	77.0	20,100*
	120	70.2	24,550*	72.7	21,750*	75.0	19,670*
	130	68.2	23,740*	70.7	21,140*	73.0	19,240*
	140	66.2	22,990*	68.7	20,640*	71.0	18,830*
	150	64.2	22,290*	66.7	20,130*	69.0	18,450*
	160	62.2	21,190	64.6	19,620*	66.9	18,070*
	170	60.1	18,940	62.5	18,940	64.7	17,530*
	180	57.9	16,940	60.4	16,950	62.5	16,860*
	190	55.7	15,170	58.1	15,170	60.3	15,180
	200	53.5	13,590	55.9	13,590	57.9	13,600
	210	51.1	12,160	53.5	12,170	55.5	12,180
	220	48.7	10,890	51.1	10,890	53.0	10,900
	230	46.2	9,720	48.5	9,720	50.4	9,740
85' (25.9M) JIB & 240' (73.2M) BOOM	59	81.9	29,690*				
	60	81.7	29,570*				
	70	79.9	28,760*				
	80	78.1	27,870*	80.6	24,670*		
	90	76.3	27,090*	78.8	23,930*	81.2	21,170*
	100	74.5	26,380*	77.0	23,190*	79.3	20,690*
	110	72.6	25,690*	75.1	22,570*	77.4	20,160*
	120	70.8	24,850*	73.2	21,900*	75.5	19,730*
	130	68.9	24,010*	71.3	21,300*	73.6	19,290*
	140	67.0	23,300*	69.4	20,780*	71.7	18,880*
	150	65.1	22,600*	67.5	20,270*	69.7	18,580*
	160	63.1	20,690	65.5	19,840*	67.7	18,200*
	170	61.1	18,420	63.5	18,420	65.6	17,820*
	180	59.0	16,420	61.4	16,430	63.5	16,440
	190	56.9	14,650	59.3	14,650	61.4	14,670
	200	54.8	13,070	57.1	13,070	59.1	13,080
	210	52.6	11,640	54.9	11,650	56.9	11,660
	220	50.3	10,360	52.6	10,370	54.5	10,380
	230	47.9	9,200	50.2	9,200	52.1	9,210
	240	45.4	8,130	47.7	8,130	49.5	8,150
85' (25.9M) JIB & 250' (76.2M) BOOM	60	81.9	29,610*				
	70	80.2	28,870*				
	80	78.5	28,010*	80.9	24,860*		
	90	76.7	27,270*	79.1	24,060*	81.4	21,250*
	100	75.0	26,540*	77.4	23,360*	79.6	20,710*
	110	73.2	25,880*	75.6	22,640*	77.8	20,300*
	120	71.4	25,130*	73.8	22,030*	76.0	19,780*
	130	69.6	24,310*	71.9	21,520*	74.1	19,380*
	140	67.7	23,500*	70.1	20,930*	72.3	19,010*
	150	65.9	22,730	68.2	20,420*	70.3	18,630*
	160	64.0	20,140	66.3	20,000*	68.4	18,330*
	170	62.0	17,870	64.3	17,880	66.4	17,890
	180	60.1	15,880	62.4	15,880	64.4	15,890
	190	58.0	14,100	60.3	14,110	62.4	14,120
	200	56.0	12,520	58.3	12,520	60.2	12,530
	210	53.9	11,090	56.1	11,100	58.1	11,110
	220	51.7	9,810	53.9	9,820	55.8	9,830
	230	49.5	8,640	51.7	8,650	53.5	8,660
	240	47.1	7,580	49.3	7,580	51.1	7,590
	250	44.7	6,600	46.9	6,610	48.6	6,620
85' (25.9M) JIB & 260' (79.2M) BOOM	62	81.8	29,520*				
	70	80.5	28,860*				
	80	78.8	28,160*	81.2	24,880*		
	90	77.1	27,400*	79.5	24,200*	81.7	21,320*
	100	75.4	26,610*	77.7	23,440*	80.0	20,790*
	110	73.7	25,960*	76.0	22,800*	78.2	20,370*
	120	71.9	25,320*	74.3	22,190*	76.4	19,860*

Courtesy of Crane.Market

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

Courtesy of Crane.Market

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" 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

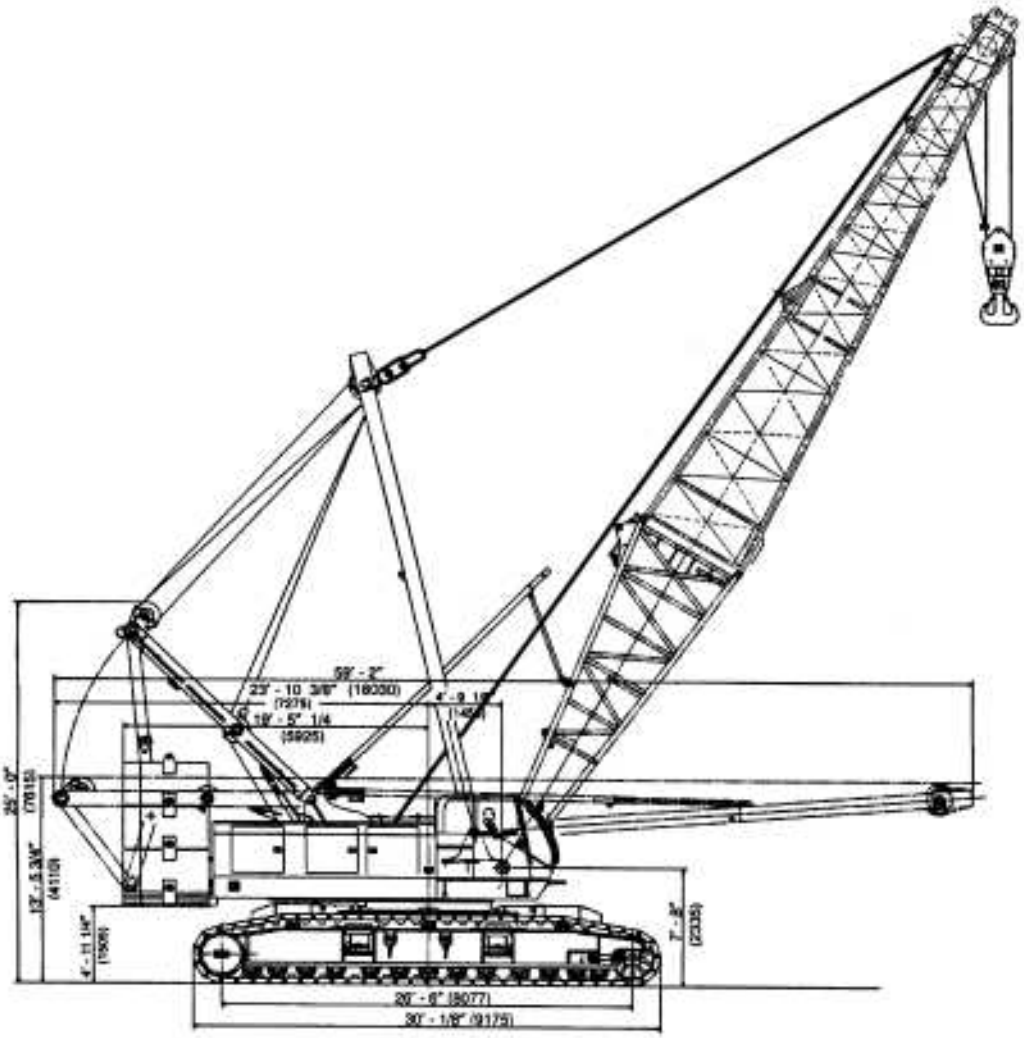
HOIST DRUM PERFORMANCE

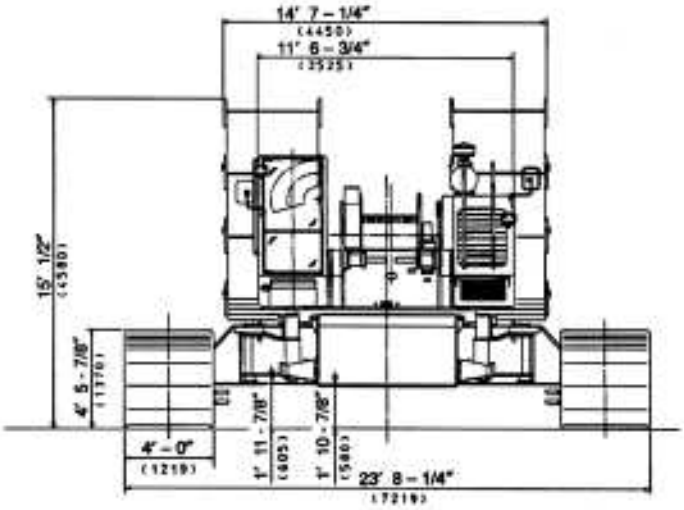
MAIN and AUXILIARY HOIST – 1-1/8" Diameter Rope					
	High Range		Low Range		
Rope Layer	Line Speed (Feet per Minute)	Single Line Pull	Line Speed (Feet per Minute)	Single Line Pull	Total Rope Length
1st*	360	27,030	180	54,055	155
2nd*	390	24,910	195	49,845	314
3rd*	420	23,105	210	46,230	496
4th*	450	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*

Courtesy of Crane.Market

HC 275 GENERAL DIMENSIONS





Courtesy of Crane.Market

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.

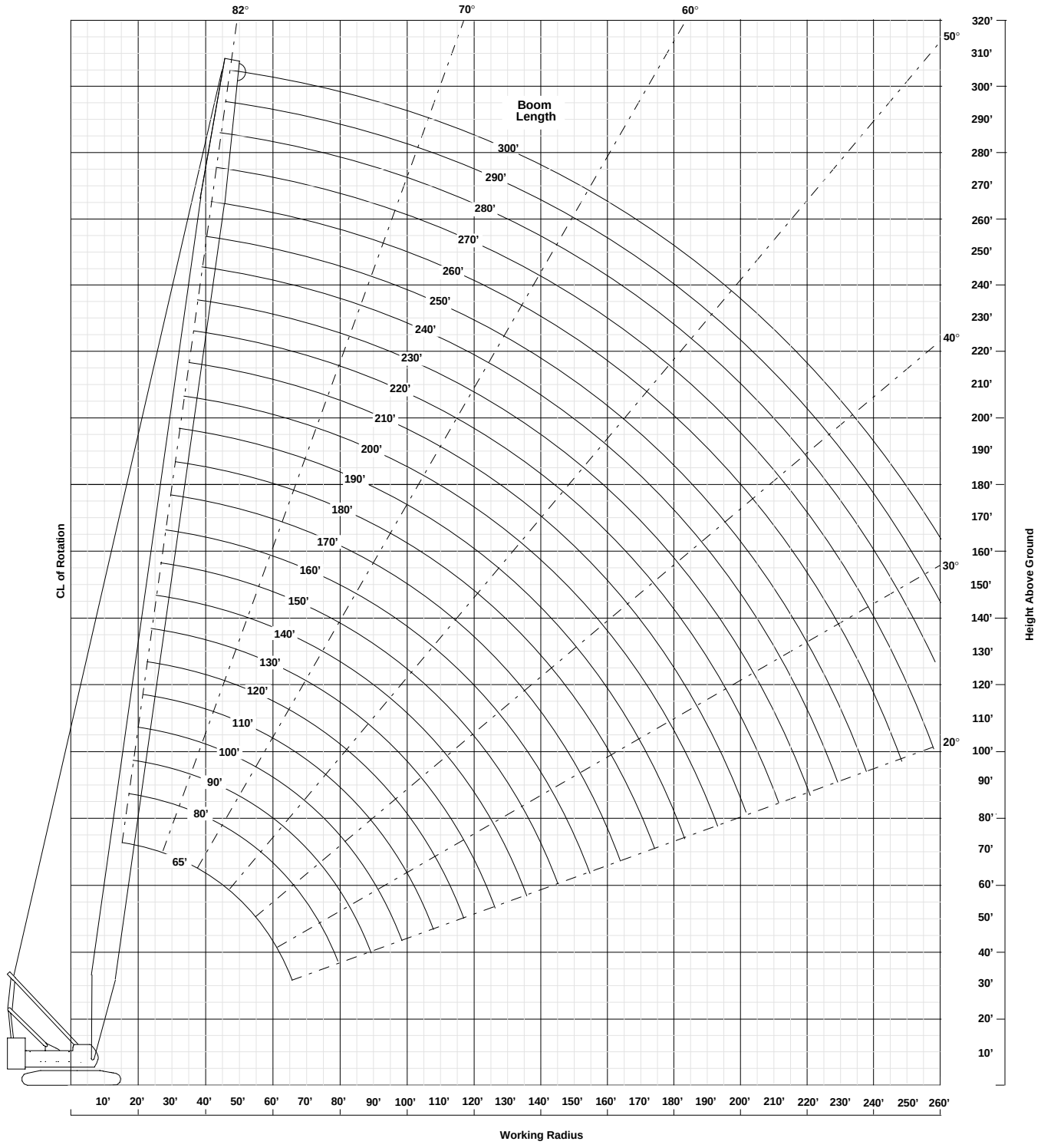
WHIPLINE is 1-1/8 inch diameter 6 x 25, FW, RRL, IWRC, EEIPS wire rope with a minimum breaking strength of 143,000 pounds.

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.

Courtesy of Crane.Market

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.

TEREX CRANES

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