



# AMERICAN HC 275

## Hydraulic Crawler Crane 92 HI Boom

### LIFT RATINGS IN POUNDS

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

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

# LIFT RATINGS IN POUNDS (continued)

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

Boom Length	Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)	Boom Length	Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)	Boom Length	Radius (Feet)	Boom Angle (Degrees)	360 Degree Rating (Pounds)	From Boom Pt. to Ground (Feet)				
200' (con't)	160	39.5	21,540	135	240' (con't)	130	58.9	29,030	213	270' (con't)	200	44.0	10,750	195				
	170	34.7	19,260	122		140	56.1	25,520	207		210	40.8	9,320	184				
	180	29.2	17,260	105		150	53.1	22,520	200		220	37.5	8,020	172				
	190	22.6	15,480	84		160	50.0	19,910	192		230	33.8	6,840	158				
						170	46.8	17,630	183		240	29.7	5,760	141				
210' (64.0M)	36	81.8	174,640 *	216	180	43.5	15,620	173	250	25.0	4,780	122	280' (85.3M)	46	81.8	84,470 *	285	
	40	80.7	165,310	215	190	39.8	13,840	161	90	72.6	49,560	275		50	81.0	84,270 *	284	
	50	78.0	120,460	213	200	35.9	12,240	148	100	70.4	41,930	271		60	78.9	83,540 *	282	
	60	75.2	93,060	211	210	31.6	10,810	133	110	68.2	36,440	268		70	76.8	72,440	280	
	70	72.3	75,280	208	220	26.6	9,520	115	120	66.0	31,460	263		80	74.7	59,360	278	
	80	69.4	62,270	204	230	20.6	8,340	92	130	63.7	27,300	259		90	72.6	49,560	275	
	90	66.5	52,510	200	250' (76.2M)	42	81.8	117,270 *	255	140	61.4	23,790		254	100	70.4	41,930	271
	100	63.4	44,930	195		50	79.9	117,270 *	254	110	68.2	36,440		268	110	68.2	36,440	268
	110	60.3	39,290	190		60	77.6	91,400	252	120	66.0	31,460		263	120	66.0	31,460	263
	120	57.1	34,320	184		70	75.2	73,650	249	130	63.7	27,300		259	130	63.7	27,300	259
	130	53.8	30,180	177		80	72.8	60,600	247	140	61.4	23,790		254	140	61.4	23,790	254
	140	50.3	26,680	169		90	70.4	50,810	243	150	59.1	20,770		248	150	59.1	20,770	248
	150	46.7	23,670	160		100	67.9	43,210	239	160	56.6	18,160		242	160	56.6	18,160	242
	160	42.7	21,080	150		110	65.4	37,660	235	170	54.1	15,880		235	170	54.1	15,880	235
	170	38.5	18,790	138		120	62.9	32,680	230	180	51.6	13,870		227	180	51.6	13,870	227
180	33.8	16,790	125	130		60.3	28,530	225	190	48.9	12,080	219	190	48.9	12,080	219		
190	28.5	15,010	108	140		57.6	25,020	219	200	46.1	10,480	209	200	46.1	10,480	209		
200	22.0	13,420	86	150		54.8	22,010	212	210	43.2	9,040	199	210	43.2	9,040	199		
220' (67.1M)	37	82.0	156,330 *	225		160	52.0	19,400	205	220	40.1	7,740	188	290' (88.4M)	47	81.9	76,270 *	295
	40	81.2	156,330 *	225		170	49.0	17,130	196	230	36.7	6,560	175		50	81.3	75,930 *	294
	50	78.5	120,030	223		180	45.8	15,110	187	240	33.2	5,480	161		60	79.3	75,260 *	293
	60	75.8	92,590	221	190	42.5	13,330	177	250	29.2	4,500	144	70		77.3	71,990	291	
	70	73.1	74,820	218	200	39.0	11,730	165	80	75.3	58,900	288	80		75.3	58,900	288	
	80	70.4	61,800	215	210	35.2	10,290	152	90	73.2	49,090	285	90		73.2	49,090	285	
	90	67.6	52,030	211	220	30.9	9,000	136	100	71.1	41,460	282	100		71.1	41,460	282	
	100	64.7	44,440	207	230	26.1	7,820	117	110	69.0	35,990	278	110		69.0	35,990	278	
	110	61.8	38,830	202	240	20.1	6,760	94	120	66.9	31,000	274	120		66.9	31,000	274	
	120	58.8	33,850	196	260' (79.2M)	43	81.9	107,130 *	265	130	64.7	26,840	270		130	64.7	26,840	270
	130	55.7	29,710	189		50	80.3	107,130 *	264	140	62.5	23,320	265		140	62.5	23,320	265
	140	52.5	26,200	182		60	78.1	90,940	262	150	60.2	20,300	259		150	60.2	20,300	259
	150	49.1	23,200	174		70	75.8	73,210	260	160	57.9	17,690	253		160	57.9	17,690	253
	160	45.5	20,590	165		80	73.5	60,130	257	170	55.6	15,400	247		170	55.6	15,400	247
	170	41.7	18,320	154		90	71.2	50,340	254	180	53.1	13,390	240		180	53.1	13,390	240
180	37.6	16,310	142	100		68.8	42,730	250	190	50.6	11,600	232	190	50.6	11,600	232		
190	33.0	14,520	128	110		66.4	37,190	246	200	48.0	10,000	223	200	48.0	10,000	223		
200	27.8	12,930	110	120		64.0	32,210	241	210	45.3	8,560	214	210	45.3	8,560	214		
210	21.5	11,500	88	130		61.5	28,060	236	220	42.4	7,250	203	220	42.4	7,250	203		
230' (70.1M)	39	81.8	132,640 *	235		140	59.0	24,550	230	230	39.3	6,080	191	300' (91.4M)	49	81.8	74,730 *	305
	40	81.6	132,510 *	235		150	56.4	21,530	224	40	81.6	74,730 *	304		50	81.6	74,730 *	304
	50	79.0	119,760	233		160	53.7	18,920	217	60	79.7	73,910 *	303		60	79.7	73,910 *	303
	60	76.5	92,320	231		170	50.9	16,640	209	70	77.7	71,530	301		70	77.7	71,530	301
	70	73.9	74,580	229		180	48.0	14,630	201	80	75.8	58,420	298		80	75.8	58,420	298
	80	71.3	61,550	225	190	44.9	12,840	191	90	73.8	48,590	296	90		73.8	48,590	296	
	90	68.6	51,780	222	200	41.7	11,250	180	100	71.8	40,950	293	100		71.8	40,950	293	
	100	65.9	44,190	218	210	38.2	9,800	168	110	69.7	35,500	289	110		69.7	35,500	289	
	110	63.1	38,600	213	220	34.5	8,510	155	120	67.7	30,510	285	120		67.7	30,510	285	
	120	60.3	33,630	207	230	30.3	7,330	139	130	65.6	26,340	281	130		65.6	26,340	281	
	130	57.4	29,490	201	240	25.5	6,260	120	140	63.5	22,820	276	140		63.5	22,820	276	
	140	54.4	25,980	195	250	19.7	5,290	95	150	61.3	19,800	271	150		61.3	19,800	271	
	150	51.2	22,980	187	270' (82.3M)	44	82.0	98,020 *	275	160	59.1	17,190	265		160	59.1	17,190	265
	160	47.9	20,380	178		50	80.7	98,020 *	274	170	56.9	14,890	259		170	56.9	14,890	259
	170	44.5	18,100	169		60	78.5	90,460	272	180	54.5	12,880	252		180	54.5	12,880	252
180	40.7	16,090	158	70		76.3	82,740	270	190	52.2	11,090	245	190	52.2	11,090	245		
190	36.7	14,310	145	80		74.1	74,660	267	200	49.7	9,490	236	200	49.7	9,490	236		
200	32.3	12,710	131	90		71.9	67,850	264	210	47.1	8,050	227	210	47.1	8,050	227		
210	27.2	11,280	113	100		69.7	62,240	261	220	44.4	6,740	218	220	44.4	6,740	218		
220	21.0	9,990	90	110		67.4	57,730	257	230	41.6	5,560	207	230	41.6	5,560	207		
240' (73.2M)	40	81.9	119,340 *	245		120	65.1	51,740	252	240	38.7	4,480	195	270' (82.3M)	44	82.0	98,020 *	275
	50	79.5	119,330	244		130	62.7	47,580	248	50	81.6	74,730 *	304		50	81.6	74,730 *	304
	60	77.1	91,870	242		140	60.3	44,060	242	60	79.7	73,910 *	303		60	79.7	73,910 *	303
	70	74.6	74,130	239		150	57.8	41,050	236	70	77.7	71,530	301		70	77.7	71,530	301
	80	72.1	61,090	236		160	55.2	38,440	229	80	75.8	58,420	298		80	75.8	58,420	298
	90	69.6	51,310	233		170	52.6	36,730	222	90	73.8	48,590	296		90	73.8	48,590	296
	100	67.0	43,720	229		180	49.8	34,740	214	100	71.8	40,950	293		100	71.8	40,950	293
	110	64.3	38,150	224	190	47.0	32,350	205	110	69.7	35,500	289	110		69.7	35,500	289	
120	61.7	33,180	219					120	67.7	30,510	285	120	67.7	30,510	285			

# LIFT RATINGS IN POUNDS

## 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*
40' (12.2M) JIB & 110' (33.5M) BOOM	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*
	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*
40' (12.2M) JIB & 120' (36.6M) BOOM	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*
	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*
40' (12.2M) JIB & 130' (39.6M) BOOM	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*
	33	81.7	32,000*				
40' (12.2M) JIB & 180' (54.9M) BOOM	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*
40' (12.2M) JIB & 140' (42.7M) BOOM	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*
	34	81.8	32,000*				
	35	81.5	32,000*				
	40	79.9	32,000*	78.8	32,000*	80.8	32,000*
	50	76.7	32,000*	75.5	32,000*	77.5	29,930*
	60	73.4	32,000*	72.2	32,000*	74.1	27,510*
40' (12.2M) JIB & 150' (45.7M) BOOM	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*
40' (12.2M) JIB & 200' (61.0M) BOOM	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*
40' (12.2M) JIB & 170' (51.8M) BOOM	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*
	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*
40' (12.2M) JIB & 180' (54.9M) BOOM	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	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*	
40' (12.2M) JIB & 190' (57.9M) BOOM	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*
	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*	
40' (12.2M) JIB & 200' (61.0M) BOOM	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
	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*	

# LIFT RATINGS IN POUNDS (continued)

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

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
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*	81.1	32,000*
	60	78.1	32,000*	79.6	32,000*	78.7	30,690*
	70	75.8	32,000*	77.3	32,000*	76.3	28,780*
	80	73.4	32,000*	74.9	32,000*	73.9	27,090*
	90	71.0	32,000*	72.5	32,000*	71.4	25,630*
	100	68.6	32,000*	70.1	32,000*	68.9	24,270*
	110	66.1	32,000*	67.6	32,000*	66.3	23,180*
	120	63.6	32,000*	65.0	31,010*	63.7	22,170*
	130	61.0	30,700	62.4	29,260*	61.0	21,300*
	140	58.3	27,240	59.8	27,250	58.2	20,500*
	150	55.6	24,280	57.0	24,290	55.3	19,740*
	160	52.8	21,720	54.1	21,720	52.3	19,130*
	170	49.8	19,490	51.2	19,490	49.1	17,540
180	46.7	17,520	48.1	17,530	45.8	15,810	
190	43.5	15,790	44.8	15,790	42.2	14,260	
200	40.0	14,240	41.3	14,250	38.3	12,880	
210	36.2	12,850	37.5	12,860			
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*	79.9	31,640*
	70	77.3	32,000*	78.7	32,000*	77.8	29,840*
	80	75.2	32,000*	76.6	32,000*	75.7	28,170*
	90	73.1	32,000*	74.4	32,000*	73.5	26,690*
	100	71.0	32,000*	72.3	32,000*	71.3	25,370*
	110	68.8	32,000*	70.1	32,000*	69.1	24,250*
	120	66.6	32,000*	67.9	32,000*	66.8	23,200*
	130	64.3	29,300	65.6	29,310	64.5	22,320*
	140	62.0	25,840	63.3	25,840	62.1	21,460*
	150	59.7	22,870	61.0	22,880	59.6	20,320
	160	57.3	20,300	58.6	20,310	57.1	18,080
	170	54.8	18,070	56.1	18,070		

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					

# LIFT RATINGS IN POUNDS (continued)

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

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

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

# LIFT RATINGS IN POUNDS (continued)

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

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

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

# LIFT RATINGS IN POUNDS (continued)

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

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
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	
290' (con't)	240	47.3	5,660				
	250	44.9	4,720				
	260	42.4	3,850				
	270	39.9	3,060				
	270	41.9	3,070				
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*	

# LIFT RATINGS IN POUNDS (continued)

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

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
180' (con't)	120	62.8	23,770*	65.1	20,760*	67.1	15,880*
	130	60.1	23,170*	62.3	19,470*	64.3	15,140*
	140	57.2	22,710*	59.5	18,420*	61.5	14,480*
	150	54.3	21,240*	56.6	17,400*	58.5	13,920*
	160	51.3	19,970*	53.5	16,550*	55.4	13,380*
	170	48.2	18,880*	50.3	15,790*	52.1	12,920*
	180	44.8	17,910*	46.9	15,150*	48.7	12,530*
60' (18.3M) JIB & 190' (57.9M) BOOM	45	82.0	29,710*				
	50	80.8	29,210*				
	60	78.5	28,290*	80.8	25,540*		
	70	76.2	27,490*	78.5	24,940*	80.6	21,800*
	80	73.8	26,660*	76.1	24,350*	78.2	20,350*
	90	71.4	25,900*	73.7	23,770*	75.8	19,060*
	100	69.0	25,230*	71.2	23,250*	73.3	17,920*
	110	66.5	24,580*	68.7	22,760*	70.7	16,970*
	120	64.0	23,950*	66.2	21,310*	68.2	16,120*
	130	61.4	23,410*	63.6	20,020*	65.5	15,390*
	140	58.7	22,870*	60.9	18,830*	62.8	14,750*
	150	56.0	22,030*	58.1	17,850*	60.0	14,150*
	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*

# LIFT RATINGS IN POUNDS (continued)

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

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset		
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	
260' (con't)	170	60.0	17,570	61.7	17,580	63.2	14,510*	
	180	57.9	15,590	59.6	15,600	61.1	14,070*	
	190	55.8	13,840	57.5	13,850	58.9	13,630*	
	200	53.6	12,280	55.2	12,290	56.6	12,300	
	210	51.3	10,880	52.9	10,880	54.3	10,900	
	220	49.0	9,620	50.6	9,630	51.9	9,640	
	230	46.5	8,470	48.1	8,480	49.4	8,500	
	240	44.0	7,440	45.5	7,450	46.8	7,470	
	250	41.3	6,490	42.8	6,500	44.0	6,520	
	260	38.5	5,630	40.0	5,640	41.1	5,660	
60' (18.3M) JIB & 270' (82.3M) BOOM	57	81.8	28,790*					
	60	81.3	28,660*					
	70	79.6	28,010*	81.3	25,050*			
	80	77.8	27,350*	79.5	24,580*	81.2	21,760*	
	90	76.0	26,720*	77.7	24,160*	79.4	20,640*	
	100	74.2	26,180*	75.9	23,690*	77.5	19,630*	
	110	72.4	25,550*	74.1	23,360*	75.7	18,710*	
	120	70.6	25,080*	72.3	22,950*	73.8	17,820*	
	130	68.7	24,530*	70.4	22,610*	72.0	17,090*	
	140	66.9	24,120*	68.5	22,270*	70.0	16,370*	
	150	65.0	21,850	66.6	21,160*	68.1	15,810*	
	160	63.0	19,280	64.7	19,290	66.1	15,210*	
	170	61.0	17,030	62.7	17,040	64.1	14,680*	
	180	59.0	15,050	60.7	15,060	62.1	14,230*	
	190	57.0	13,300	58.6	13,310	60.0	13,320	
	200	54.9	11,730	56.5	11,740	57.8	11,760	
	210	52.7	10,330	54.3	10,330	55.6	10,350	
	220	50.5	9,060	52.0	9,070	53.3	9,090	
230	48.2	7,920	49.7	7,920	51.0	7,940		
240	45.8	6,870	47.3	6,880	48.5	6,900		
250	43.3	5,930	44.8	5,940	45.9	5,960		
260	40.6	5,060	42.1	5,070	43.2	5,100		
270	37.9	4,270	39.3	4,280	40.3	4,310		
60' (18.3M) JIB & 280' (85.3M) BOOM	58	81.9	28,640*					
	60	81.6	28,480*					
	70	79.9	27,810*	81.6	24,900*			
	80	78.2	27,230*	79.8	24,450*	81.4	21,920*	
	90	76.4	26,690*	78.1	24,100*	79.7	20,750*	
	100	74.7	26,070*	76.4	23,630*	77.9	19,770*	
	110	72.9	25,550*	74.6	23,260*	76.1	18,860*	
	120	71.2	25,090*	72.8	22,930*	74.3	17,980*	
	130	69.4	24,590*	71.0	22,600*	72.5	17,270*	
	140	67.6	24,140*	69.2	22,190*	70.7	16,560*	
	150	65.7	21,480	67.4	21,490	68.8	16,000*	
	160	63.9	18,900	65.5	18,910	66.9	15,370*	
	170	62.0	16,660	63.6	16,660	65.0	14,910*	
	180	60.0	14,680	61.6	14,690	63.0	14,430*	
	190	58.1	12,920	59.6	12,930	61.0	12,950	
	200	56.1	11,350	57.6	11,360	59.0	11,380	
	210	54.0	9,950	55.5	9,960	56.8	9,970	
	220	51.9	8,680	53.4	8,690	54.7	8,710	
230	49.7	7,540	51.2	7,550	52.4	7,570		
240	47.4	6,490	48.9	6,500	50.1	6,520		
250	45.0	5,550	46.5	5,560	47.7	5,580		
260	42.6	4,680	44.0	4,690	45.2	4,710		
270	40.0	3,890	41.4	3,900	42.5	3,920		
280	37.3	3,170	38.7	3,180	39.6	3,200		
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	
	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*		

# LIFT RATINGS IN POUNDS (continued)

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

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
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	14,990*
	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*	

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' (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	

# LIFT RATINGS IN POUNDS (continued)

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

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset		Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)			Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
70' (21.3M) JIB & 290' (88.4M) BOOM	62	81.9	21,310*					80' (24.4M) JIB & 230' (70.1M) BOOM	56	81.8	17,090*				
	70	80.6	20,880*						60	81.1	16,820*				
	80	79.0	20,400*	80.8	17,960*				70	79.2	16,210*	81.7	14,100*		
	90	77.3	19,890*	79.2	17,600*	80.9	15,880*		80	77.3	15,610*	79.8	13,690*		
	100	75.7	19,470*	77.5	17,250*	79.3	15,590*		90	75.4	15,110*	77.9	13,300*	80.2	11,620*
	110	74.1	18,980*	75.9	16,950*	77.6	15,410*		100	73.5	14,610*	75.9	12,830*	78.2	11,300*
	120	72.4	18,530*	74.2	16,620*	75.9	15,160*		110	71.6	14,180*	74.0	12,430*	76.2	11,020*
	130	70.7	18,120*	72.5	16,360*	74.2	14,930*		120	69.6	13,750*	72.0	12,040*	74.2	10,760*
	140	69.0	17,770*	70.8	16,050*	72.5	14,370*		130	67.6	13,300*	70.0	11,670*	72.2	10,490*
	150	67.3	17,350*	69.1	15,780*	70.7	13,810*		140	65.6	12,830*	68.0	11,340*	70.1	10,270*
	160	65.6	17,030*	67.3	15,530*	69.0	13,340*		150	63.5	12,410*	65.9	11,060*	68.0	10,060*
	170	63.8	16,390	65.6	15,270*	67.2	12,840*		160	61.4	12,040*	63.8	10,760*	65.9	9,850*
	180	62.0	14,400	63.8	14,410	65.3	12,460*		170	59.3	11,650*	61.6	10,520*	63.7	9,700*
	190	60.2	12,650	61.9	12,660	63.5	12,040*		180	57.1	11,320*	59.4	10,290*	61.5	9,560*
	200	58.3	11,080	60.1	11,090	61.6	11,110		190	54.8	11,020*	57.1	10,060*	59.1	9,440*
	210	56.4	9,670	58.1	9,680	59.6	9,700		200	52.5	10,730*	54.8	9,920*	56.8	9,330*
	220	54.5	8,400	56.2	8,410	57.6	8,430		210	50.1	10,500*	52.4	9,730*	54.3	9,250*
	230	52.5	7,250	54.2	7,260	55.6	7,280		220	47.6	10,260*	49.9	9,580*	51.7	9,080*
	240	50.4	6,210	52.1	6,220	53.5	6,240		230	45.0	10,040*	47.2	9,480*	49.0	8,880*
	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*					80' (24.4M) JIB & 240' (73.2M) BOOM	57	81.9	17,010*				
	60	80.1	16,660*						60	81.4	16,860*				
	70	78.0	16,040*	80.8	14,050*				70	79.5	16,220*	81.9	14,060*		
	80	75.9	15,460*	78.7	13,640*	81.2	11,980*		80	77.7	15,680*	80.1	13,690*		
	90	73.8	14,890*	76.5	13,120*	79.1	11,590*		100	74.0	14,700*	76.4	12,900*	80.5	11,670*
	100	71.7	14,350*	74.4	12,670*	76.9	11,260*		110	72.2	14,220*	74.5	12,470*	76.7	11,030*
	110	69.5	13,870*	72.2	12,210*	74.7	10,950*		120	70.3	13,800*	72.6	12,130*	74.8	10,780*
	120	67.3	13,370*	69.9	11,790*	72.4	10,640*		130	68.3	13,430*	70.7	11,770*	72.8	10,520*
	130	65.0	12,860*	67.7	11,430*	70.1	10,370*		140	66.4	13,010*	68.7	11,420*	70.8	10,300*
	140	62.7	12,410*	65.4	11,110*	67.8	10,150*		150	64.4	12,530*	66.7	11,130*	68.8	10,080*
	150	60.4	11,950*	63.0	10,810*	65.4	9,950*		160	62.4	12,170*	64.7	10,860*	66.8	9,880*
	160	58.0	11,560*	60.6	10,520*	62.9	9,760*		170	60.4	11,780*	62.6	10,600*	64.7	9,730*
	170	55.5	11,190*	58.1	10,280*	60.3	9,620*		180	58.3	11,440*	60.5	10,340*	62.5	9,580*
180	53.0	10,880*	55.5	10,050*	57.7	9,470*	190	56.1	11,120*	58.3	10,150*	60.3	9,460*		
190	50.3	10,600*	52.8	9,880*	55.0	9,380*	200	53.9	10,870*	56.1	9,950*	58.0	9,320*		
200	47.6	10,370*	50.1	9,720*	52.1	9,230*	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 & 210' (64.0M) BOOM	53	81.9	17,240*					80' (24.4M) JIB & 250' (76.2M) BOOM	58	82.0	17,000*				
	60	80.5	16,770*						60	81.6	16,900*				
	70	78.5	16,130*	81.1	14,070*				70	79.9	16,300*				
	80	76.4	15,540*	79.1	13,640*	81.6	11,990*		80	78.1	15,750*	80.4	13,690*		
	90	74.4	14,950*	77.0	13,180*	79.5	11,590*		90	76.3	15,240*	78.6	13,360*	80.8	11,660*
	100	72.3	14,470*	74.9	12,700*	77.4	11,260*		100	74.5	14,780*	76.8	12,970*	79.0	11,340*
	110	70.2	13,960*	72.8	12,290*	75.2	10,970*		110	72.7	14,340*	75.0	12,560*	77.1	11,080*
	120	68.1	13,510*	70.7	11,900*	73.1	10,660*		120	70.9	13,900*	73.2	12,150*	75.3	10,800*
	130	66.0	13,000*	68.5	11,500*	70.9	10,420*		130	69.0	13,540*	71.3	11,820*	73.4	10,530*
	140	63.8	12,550*	66.3	11,190*	68.6	10,210*		140	67.2	13,150*	69.4	11,510*	71.5	10,320*
	150	61.5	12,100*	64.0	10,900*	66.3	9,980*		150	65.2	12,680*	67.5	11,180*	69.5	10,140*
160	59.2	11,710*	61.7	10,600*	64.0	9,800*	160	63.3	12,310*	65.5	10,910*	67.5	9,910*		
170	56.9	11,340*	59.4	10,390*	61.6	9,630*	170	61.3	11,910*	63.5	10,640*	65.5	9,760*		
180	54.5	11,020*	56.9	10,140*	59.1	9,520*	180	59.3	11,590*	61.5	10,430*	63.5	9,610*		
190	52.0	10,730*	54.4	9,950*	56.5	9,370*	190	57.3	11,240*	59.4	10,230*	61.4	9,470*		
200	49.4	10,490*	51.8	9,760*	53.8	9,290*	200	55.2	10,990*	57.3	10,030*	59.2	9,350*		
210	46.7	10,250*	49.1	9,620*	51.0	9,090*	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 & 220' (67.1M) BOOM	60	81.9	17,180*					80' (24.4M) JIB & 260' (79.2M) BOOM	60	81.9	16,900*				
	70	80.8	16,820*						70	80.2	16,300*				
	80	78.8	16,150*	81.4	14,090*				80	78.5	15,810*	80.7	13,680*		
	90	76.9	15,610*	79.4	13,650*	81.8	12,000*		90	76.7	15,330*	79.0	13,350*	81.1	11,660*
	100	74.9	15,030*	77.5	13,250*	79.8	11,630*		100	75.0	14,850*	77.2	13,000*	79.3	11,340*
	110	72.9	14,570*	75.5	12,770*	77.8	11,310*		110	73.2	14,410*	75.5	12,630*	77.5	11,090*
	120	70.9	14,070*	73.4	12,340*	75.8	10,980*		120	71.5	13,990*	73.7	12,210*	75.7	10,810*
	130	68.9	13,630*	71.4	11,940*	73.7	10,730*		130	69.7	13,600*	71.9	11,890*	73.9	10,540*
	140	66.8	13,160*	69.3	11,610*	71.6	10,460*		140	67.9	13,220*	70.1	11,540*	72.1	10,360*
	150	64.7	12,720*	67.2	11,260*	69.4	10,220*		150	66.0	12,810*	68.2	11,260*	70.2	10,130*
	160	62.6	12,290*	65.0	10,960*	67.2	10,040*		160	64.2	12,420*	66.3	10,990*	68.3	9,950*
170	60.4	11,880*	62.8	10,680*	65.0	9,850*	170	62.3	12,070*	64.4	10,710*	66.3	9,760*		
180	58.1	11,530*	60.5	10,430*	62.7	9,670*	180	60.3	11,710*	62.5	10,510*	64.4	9,610*		
190	55.8	11,170*	58.2	10,240*	60.3	9,550*	190	58.4	11,410*	60.5	10,260*	62.3	9,500*		
200	53.5	10,900*	55.8	10,030*	57.9	9,400*									
210	51.0	10,610*	53.4	9,830*	55.4	9,310*									
220	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*									

# LIFT RATINGS IN POUNDS (continued)

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

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

# LIFT RATINGS IN POUNDS (continued)

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

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
260' (con't)	220	53.6	7,640*	55.8	6,920*	57.8	6,400*
	230	51.5	7,430*	53.7	6,790*	55.7	6,350*
	240	49.3	7,270*	51.6	6,690*	53.4	6,300*
	250	47.1	7,140*	49.3	6,590*	51.1	6,260*
	260	44.8	6,320	47.0	6,340	48.7	6,220*
90' (27.4M) JIB & 270' (82.3M) BOOM	63	82.0	13,450*				
	70	80.9	13,110*				
	80	79.2	12,660*	81.6	10,430*		
	90	77.6	12,190*	80.0	10,000*		
	100	76.0	11,710*	78.4	9,660*	80.6	8,210*
	110	74.3	11,220*	76.7	9,310*	78.9	7,990*
	120	72.7	10,720*	75.0	8,990*	77.2	7,760*
	130	71.0	10,310*	73.3	8,690*	75.5	7,590*
	140	69.3	9,940*	71.6	8,430*	73.8	7,410*
	150	67.6	9,580*	69.9	8,190*	72.0	7,230*
	160	65.8	9,220*	68.1	7,950*	70.3	7,070*
	170	64.1	8,930*	66.4	7,770*	68.5	6,910*
	180	62.3	8,620*	64.6	7,580*	66.6	6,800*
	190	60.4	8,360*	62.7	7,400*	64.8	6,690*
	200	58.6	8,140*	60.8	7,220*	62.8	6,580*
	210	56.7	7,930*	58.9	7,070*	60.9	6,480*
	220	54.7	7,690*	57.0	6,940*	58.9	6,400*
230	52.7	7,520*	55.0	6,830*	56.8	6,340*	
240	50.7	7,340*	52.9	6,730*	54.7	6,270*	
250	48.6	6,640	50.7	6,610*	52.5	6,220*	
260	46.4	5,770	48.5	5,780	50.3	5,810	
270	44.1	4,960	46.2	4,980	47.9	5,010	
90' (27.4M) JIB & 280' (85.3M) BOOM	65	81.9	13,340*				
	70	81.1	13,120*				
	80	79.5	12,650*	81.9	10,430*		
	90	78.0	12,220*	80.3	10,030*		
	100	76.4	11,830*	78.7	9,690*	80.9	8,220*
	110	74.8	11,280*	77.1	9,350*	79.2	7,990*
	120	73.2	10,830*	75.5	9,050*	77.6	7,790*
	130	71.5	10,420*	73.8	8,750*	75.9	7,590*
	140	69.9	10,000*	72.2	8,490*	74.3	7,390*
	150	68.2	9,630*	70.5	8,230*	72.6	7,230*
	160	66.5	9,310*	68.8	8,020*	70.8	7,070*
	170	64.8	9,020*	67.1	7,810*	69.1	6,930*
	180	63.1	8,740*	65.3	7,590*	67.3	6,820*
	190	61.3	8,470*	63.5	7,410*	65.5	6,700*
	200	59.5	8,200*	61.7	7,260*	63.7	6,570*
	210	57.7	7,980*	59.9	7,120*	61.8	6,490*
	220	55.8	7,770*	58.0	6,980*	59.9	6,410*
230	53.9	7,590*	56.1	6,840*	57.9	6,320*	
240	52.0	7,200	54.1	6,740*	55.9	6,270*	
250	49.9	6,250	52.1	6,260	53.8	6,220*	
260	47.9	5,370	50.0	5,380	51.7	5,410	
270	45.7	4,580	47.8	4,590	49.5	4,620	
280	43.5	3,850	45.5	3,860	47.1	3,890	
90' (27.4M) JIB & 290' (88.4M) BOOM	66	81.9	13,290*				
	70	81.3	13,130*				
	80	79.8	12,650*				
	90	78.3	12,260*	80.5	10,040*		
	100	76.7	11,830*	79.0	9,690*	81.1	8,190*
	110	75.2	11,380*	77.4	9,350*	79.5	7,990*
	120	73.6	10,920*	75.8	9,060*	77.9	7,790*
	130	72.0	10,490*	74.3	8,760*	76.3	7,590*
	140	70.4	10,110*	72.7	8,530*	74.7	7,390*
	150	68.8	9,740*	71.0	8,270*	73.1	7,230*
	160	67.2	9,410*	69.4	8,020*	71.4	7,080*
	170	65.5	9,070*	67.7	7,830*	69.7	6,950*
	180	63.9	8,810*	66.0	7,650*	68.0	6,800*
	190	62.2	8,540*	64.3	7,460*	66.3	6,680*
	200	60.4	8,280*	62.6	7,280*	64.5	6,580*
	210	58.7	8,060*	60.8	7,140*	62.7	6,500*
	220	56.9	7,840*	59.0	6,990*	60.8	6,400*
230	55.0	7,670*	57.1	6,890*	59.0	6,320*	
240	53.1	6,670	55.2	6,680	57.0	6,260*	
250	51.2	5,710	53.3	5,720	55.0	5,740	
260	49.2	4,840	51.3	4,850	53.0	4,880	
270	47.2	4,030	49.2	4,040	50.9	4,070	
280	45.1	3,300	47.1	3,310	48.7	3,340	
290	42.8	2,620	44.8	2,630	46.4	2,660	

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*

# LIFT RATINGS IN POUNDS (continued)

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

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

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

# LIFT RATINGS IN POUNDS

## 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*
35' (10.7M) JIB & 100' (30.5M) BOOM	80	55.4	60,000*	57.9	51,220*	60.1	40,500*
	90	49.6	54,310*	52.1	46,420*	54.1	40,500*
	28	81.8	60,000*				
	30	81.0	60,000*				
	35	78.8	60,000*	81.3	60,000*		
	40	76.7	60,000*	79.1	60,000*	81.4	60,000*
	50	72.3	60,000*	74.7	60,000*	77.0	57,490*
35' (10.7M) JIB & 110' (33.5M) BOOM	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*
	29	82.0	60,000*				
	30	81.6	60,000*				
35' (10.7M) JIB & 120' (36.6M) BOOM	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*
35' (10.7M) JIB & 130' (39.6M) BOOM	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*
	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*
35' (10.7M) JIB & 140' (42.7M) BOOM	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
	32	81.9	60,000*				
35' (10.7M) JIB & 150' (45.7M) BOOM	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*
35' (10.7M) JIB & 160' (48.8M) BOOM	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
	34	81.7	60,000*				
	35	81.4	60,000*				
	40	79.7	60,000*	81.6	60,000*		
35' (10.7M) JIB & 170' (51.8M) BOOM	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*
35' (10.7M) JIB & 180' (54.9M) BOOM	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
	41	81.8	60,000*				
	50	79.5	60,000*				
	60	76.9	60,000*	80.9	60,000*		
	70	74.3	60,000*	78.3	60,000*	79.7	59,650*
35' (10.7M) JIB & 190' (57.9M) BOOM	80	71.6	60,000*	75.7	60,000*	77.1	59,650*
	90	68.9	53,300	73.0	60,000*	74.4	56,860*
	100	66.2	45,760	70.3	53,300	71.6	53,310
	110	63.3	40,210	67.6	45,760	68.9	45,770
	120	60.5	35,270	64.8	40,210	66.0	40,220
	130	57.5	31,160	61.9	35,270	63.1	35,280
	140	54.4	27,670	58.9	31,160	60.1	31,160
35' (10.7M) JIB & 200' (61.0M) BOOM	150	51.2	24,700	55.8	27,680	56.9	27,680
	160	47.8	22,110	52.5	24,700	53.7	24,710
	170	44.3	19,860	49.2	22,110	50.2	22,120
	180	40.5	17,870	45.6	19,860	46.6	19,860
	190	36.3	16,100	41.7	17,880	42.7	17,880
	42	81.9	60,000*				
	50	79.9	60,000*	80.9	60,000*		
35' (10.7M) JIB & 210' (64.1M) BOOM	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

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
35' (10.7M) JIB & 170' (51.8M) BOOM	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
	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
35' (10.7M) JIB & 180' (54.9M) BOOM	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
	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*	
35' (10.7M) JIB & 190' (57.9M) BOOM	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
	41	81.8	60,000*				
	50	79.5	60,000*	80.9	60,000*		
35' (10.7M) JIB & 200' (61.0M) BOOM	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				

# LIFT RATINGS IN POUNDS (continued)

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

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
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
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	

# LIFT RATINGS IN POUNDS (continued)

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

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
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*	79.3	46,780*
	60	75.1	60,000*	77.2	60,000*	76.2	44,210*
	70	72.0	60,000*	74.2	60,000*	72.2	40,370*
	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</				

# LIFT RATINGS IN POUNDS (continued)

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

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
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*	80.0	46,450*
	70	76.9	60,000*	78.5	60,000*		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*	80.3	46,400*
	70	77.3	60,000*	78.9	60,000*		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*	80.7	46,350*
	70	77.8	60,000*	79.3	60,000*		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*	81.0	46,310*
	70	78.2	60,000*	79.7	60,000*		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	



# LIFT RATINGS IN POUNDS (continued)

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

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
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	

# LIFT RATINGS IN POUNDS (continued)

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

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset		
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	
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*	
	230' BOOM (con't)	120	68.4	34,040				
		130	66.3	29,920				
		140	64.1	26,440				
		150	62.0	23,450				
		160	59.7	20,870				
		170	57.4	18,600				
		180	55.1	16,610				
190		52.7	14,840					
200		50.1	13,260					
210		47.5	11,840					
220		44.8	10,550					
230		41.9	9,390					
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		

# LIFT RATINGS IN POUNDS (continued)

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

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset	
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)
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		

# LIFT RATINGS IN POUNDS (continued)

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

Boom and Jib Length	Jib Radius (Feet)	5.0 Deg Offset		15.0 Deg Offset		25.0 Deg Offset		
		Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	Boom Angle	Ratings (Pounds)	
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*	
	220' BOOM (cont'd)	150	63.3	22,040*				
		160	61.1	21,380*				
		170	59.0	19,280				
		180	56.7	17,290				
		190	54.4	15,520				
		200	52.0	13,940				
		210	49.6	12,520				
220		47.0	11,230					
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*		

# LIFT RATINGS IN POUNDS (continued)

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

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

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

# MAXIMUM BOOM & JIB SELF-ERECTION DATA

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

## LOAD HOISTING INFORMATION

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

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

## 16HL JIB LOAD HOISTING INFORMATION

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

## #30 JIB LOAD HOISTING INFORMATION

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

## SPECIFICATIONS

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

# BOOM COMPOSITION CHART

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

## 16HL JIB COMPOSITION CHART

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

## #30 JIB COMPOSITION CHART

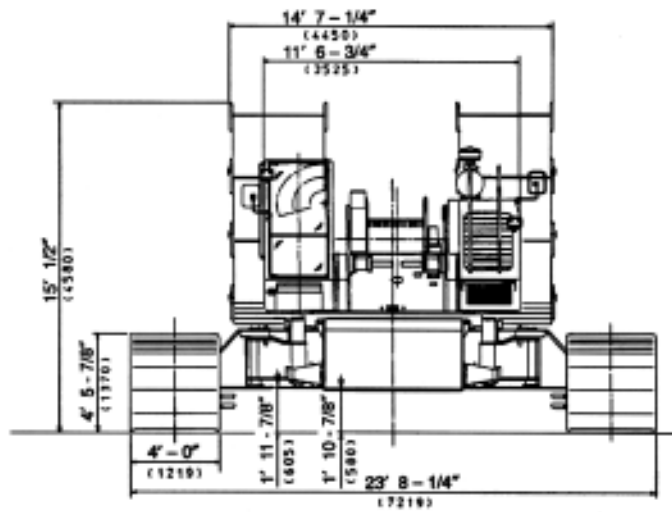
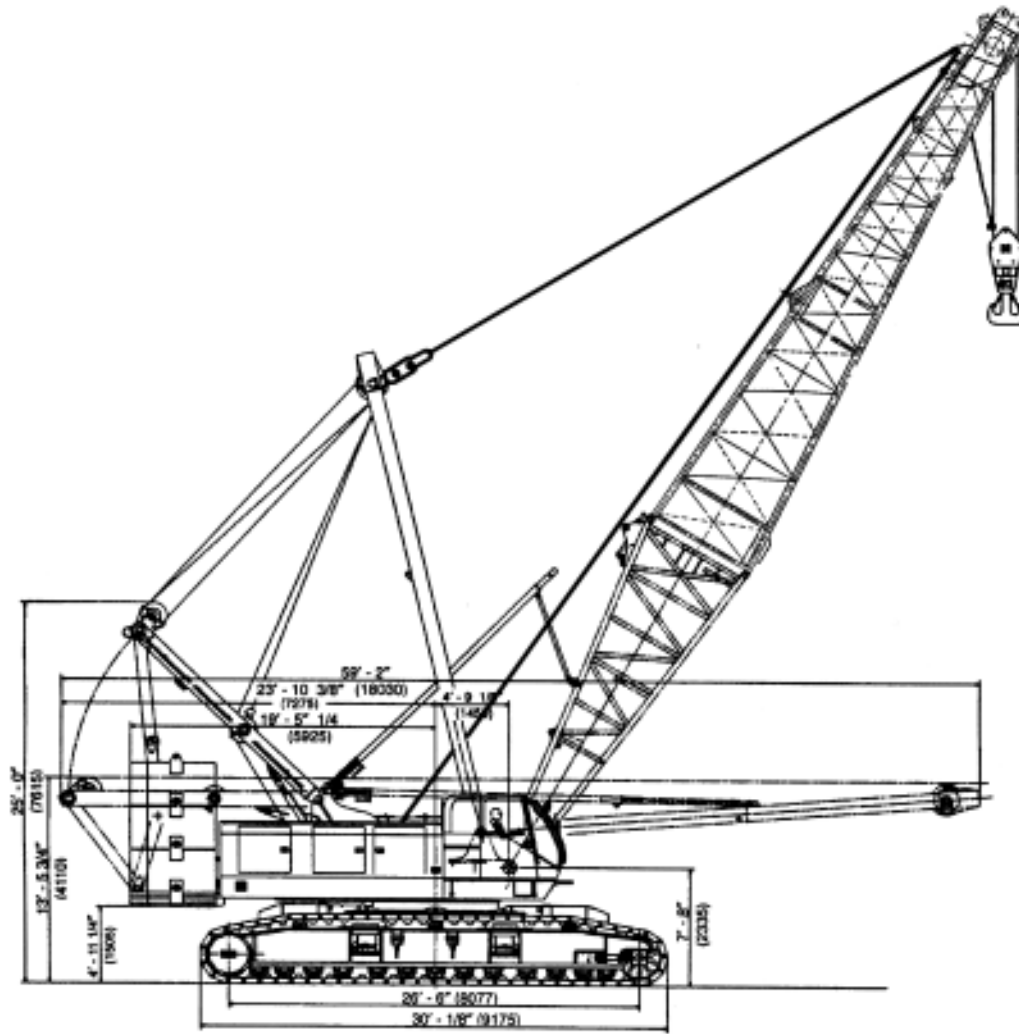
Jib Length (Feet)	12.5' Inner	10' Center	30' Center	12.5' Outer
35	1	1	0	1
45	1	2	0	1
55	1	0	1	1
65	1	1	1	1
75	1	2	1	1
85	1	0	2	1
95	1	1	2	1

## HOIST DRUM PERFORMANCE

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

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

# HC 275 GENERAL DIMENSIONS



**! WARNING**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

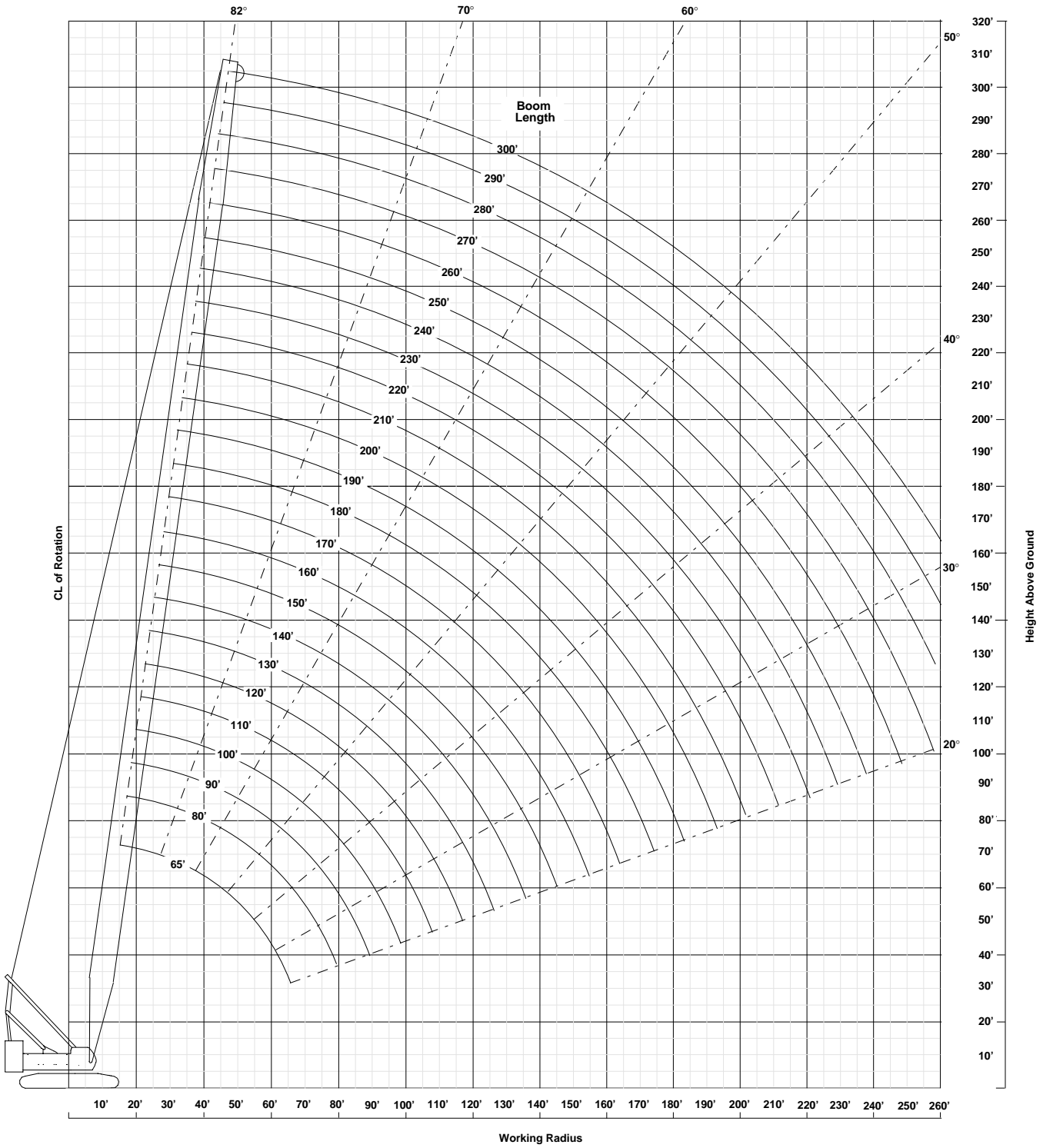
MAIN LOAD LINE is 1-1/8 inch diameter 6x25, FW, RRL, IWRC, EEIPS wire rope with a minimum breaking strength of 143,000 pounds.

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

**ERECTION**

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

# AMERICAN MODEL HC 275 WORKING RANGES WITH 92HI BOOM



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

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

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