

BOOM LENGTH (FEET)	RADIUS	BOOM ANGLE (DEG.)	ON TIRES		OUTRIGGERS SET		FROM BOOM POINT TO GROUND (FEET)
			OVER SIDE (POUNDS)	OVER REAR (POUNDS)	360 DEGREES (POUNDS)	OVER REAR (POUNDS)	
40' (12.2M) BOOM	14	82.9		155,210*	600,000*	600,000*	45
	15	81.4		150,780*	548,200*	548,200*	45
	20	73.9		131,310*	424,000*	424,000*	44
	25	66.0		115,980*	323,190*	323,190*	42
	30	57.4		100,340*	259,510*	259,510*	39
	35	47.6		83,030*	216,900*	216,900*	35
	40	35.4		70,300*	185,730*	185,730*	29
50' (15.2M) BOOM	16	82.0		145,270*	523,170*	523,170*	55
	20	77.2		130,310*	423,980*	423,980*	55
	25	71.2		115,130*	322,780*	322,780*	53
	30	64.8		100,340*	260,570*	260,570*	51
	35	57.9		83,070*	217,140*	217,140*	48
	40	50.4		70,400*	185,740*	185,740*	44
	50	31.0		53,010*	137,450	142,650*	32
60' (18.3M) BOOM	18	81.4		136,020*	472,240*	472,240*	65
	20	79.4		128,930*	423,950*	423,950*	65
	25	74.4		113,910*	322,780*	322,780*	64
	30	69.3		100,010*	260,010*	260,010*	62
	35	64.0		82,760*	216,850*	216,850*	60
	40	58.3		70,140*	185,660*	185,660*	57
	50	45.5		52,860*	137,590	142,230*	49
60	27.8		41,390*	105,930	114,090*	34	
70' (21.3M) BOOM	19	81.8		131,040*	451,720*	451,720*	75
	20	81.0		127,670*	423,440*	423,440*	75
	25	76.7		112,810*	322,100*	322,100*	74
	30	72.4		99,670*	259,540*	259,540*	73
	35	68.0		82,440*	216,850*	216,850*	71
	40	63.4		69,840*	184,570*	184,570*	68
	50	53.4		52,660*	137,610	142,050*	62
	60	41.7		41,250*	106,010	114,340*	52
70	25.4		33,210*	85,120	94,370*	36	
80' (24.4M) BOOM	21	81.4		123,210*	399,220*	399,220*	85
	25	78.4		111,640*	321,750*	321,750*	84
	30	74.7		99,230*	259,250*	259,250*	83
	35	70.9		82,020*	215,840*	215,840*	81
	40	67.0		69,460*	184,280*	184,280*	79



WARNING

SEE SWING RESTRICTION LIMITATIONS ON BACK PAGES

BOOM LENGTH (FEET)	RADIUS	BOOM ANGLE (DEG.)	ON TIRES		OUTRIGGERS SET		FROM BOOM POINT TO GROUND (FEET)
			OVER SIDE (POUNDS)	OVER REAR (POUNDS)	360 DEGREES (POUNDS)	OVER REAR (POUNDS)	
80' (24.4M) BOOM	50	58.7		52,340*	137,460	141,360*	74
	60	49.6	37,690*	40,950*	105,880	113,930*	67
	70	38.7	30,330*	33,010*	85,040	94,120*	56
	80	23.5	24,520*	26,970*	70,330	79,550*	38
90' (27.4M) BOOM	22	81.7		119,960*	375,790*	375,790*	95
	25	79.8		111,630*	322,170*	322,170*	94
	30	76.5		99,330*	258,980*	258,980*	93
	35	73.1		82,160*	216,460*	216,460*	92
	40	69.7		69,630*	184,810*	184,810*	90
	50	62.6		52,570*	137,800	141,580*	86
	60	55.0	38,020*	41,210*	106,260	114,180*	79
	70	46.4	30,750*	33,330*	85,440	94,330*	71
	80	36.3	25,020*	27,350*	70,830	79,780*	59
90	22.0	20,420*	22,680*	59,790	68,780*	40	
100' (30.5M) BOOM	23	82.0		115,850*	357,060*	357,060*	105
	25	80.8		110,410*	322,870*	322,870*	105
	30	77.9		98,330*	259,540*	259,540*	104
	35	74.9		81,670*	216,150*	216,150*	102
	40	71.9		69,150*	184,030*	184,030*	101
	50	65.6		52,160*	137,520	141,280*	97
	60	59.0	37,360*	40,790*	105,960	113,520*	92
	70	51.8	30,160*	32,970*	85,130	94,020*	84
	80	43.8	24,470*	27,000*	70,560	79,610*	75
	90	34.2	19,950*	22,370*	59,560	68,270*	62
100	20.7	16,230*	18,670*	51,020	59,150*	41	
110' (33.5M) BOOM	25	81.7		108,980*	320,910*	320,910*	115
	30	79.0		96,990*	257,830*	257,830*	114
	35	76.3		81,060*	215,400*	215,400*	113
	40	73.6		68,580*	183,020*	183,020*	111
	50	68.0		51,630*	137,140	140,310*	108
	60	62.1	36,540*	40,270*	105,570	112,910*	103
	70	55.9	29,390*	32,480*	84,710	93,060*	97
	80	49.2	23,740*	26,520*	70,170	78,920*	89
	90	41.6	19,250*	21,910*	59,170	67,670*	79
	100	32.5	15,590*	18,240*	50,660	58,700*	65
	110	19.6	12,590*	15,300	43,830	51,370*	43
120' (36.6M) BOOM	26	81.9		105,090*	306,180*	306,180*	125
	30	79.9		95,810*	257,220*	257,220*	124
	35	77.5		80,520*	214,340*	214,340*	123
	40	75.0		68,050*	183,060*	183,060*	122



WARNING SEE SWING RESTRICTION LIMITATIONS ON BACK PAGES

BOOM LENGTH (FEET)	RADIUS	BOOM ANGLE (DEG.)	ON TIRES		OUTRIGGERS SET		FROM BOOM POINT TO GROUND (FEET)
			OVER SIDE (POUNDS)	OVER REAR (POUNDS)	360 DEGREES (POUNDS)	OVER REAR (POUNDS)	
120' (36.6M) BOOM	50	69.9	45,790*	51,150*	136,780	140,050*	119
	60	64.7	35,800*	39,790*	105,190	112,410*	114
	70	59.2	28,700*	32,030*	84,320	92,760*	109
	80	53.3	23,070*	26,080*	69,780	78,250*	102
	90	46.9	18,600*	21,480*	58,790	67,170*	93
	100	39.7	14,980*	17,820	50,290	58,190*	82
	110	31.0	12,090*	14,960	43,490	50,940*	68
120	18.7	9,450*	12,410	38,000	44,960*	44	
130' (39.6M) BOOM	28	81.6		99,180*	279,710*	279,710*	134
	30	80.7		94,610*	256,560*	256,560*	134
	35	78.5		79,970*	213,600*	213,600*	133
	40	76.2		67,510*	182,260*	182,260*	132
	50	71.6	45,000*	50,650*	136,390	139,530*	129
	60	66.8	35,040*	39,300*	104,800	111,660*	125
	70	61.8	27,980*	31,560*	83,890	91,990*	120
	80	56.6	22,370*	25,620*	69,380	77,690*	114
	90	51.0	17,920*	21,020*	58,370	66,310*	107
	100	44.9	14,310*	17,370	49,860	57,440*	98
	110	38.0	11,490*	14,570	43,070	50,430*	86
	120	29.7	8,920*	12,040	37,670	44,330*	70
130	17.9	6,670*	9,890	32,990	39,210*	46	
140' (42.7M) BOOM	29	81.8		95,220*	266,650*	266,650*	144
	30	81.4		92,980*	255,340*	255,340*	144
	35	79.3		78,640*	212,120*	212,120*	143
	40	77.2		66,180*	180,690*	180,690*	142
	50	72.9	43,270*	49,330*	134,810	137,270*	140
	60	68.5	33,260*	37,940*	103,210	109,720*	136
	70	64.0	26,210*	30,220*	82,290	89,920*	132
	80	59.3	20,570*	24,260*	67,800	75,690*	126
	90	54.3	16,110*	19,660	56,790	64,500*	119
	100	49.0	12,500*	16,000	48,280	55,660*	111
	110	43.1	9,710*	13,240	41,500	48,450*	101
	120	36.5	7,150*		36,150	42,590*	89
	130	28.5	4,950*		31,510	37,440*	73
	140	17.2	3,000*		27,540	33,090*	47
150' (45.7M) BOOM	30	82.0			256,370*	256,370*	154
	35	80.0			212,500*	212,500*	154
	40	78.1			181,060*	181,060*	153
	50	74.1			135,880	138,440*	150
	60	70.1			104,280	110,920*	147
70	65.9			83,350	91,220*	143	



WARNING SEE SWING RESTRICTION LIMITATIONS ON BACK PAGES

BOOM LENGTH (FEET)	RADIUS	BOOM ANGLE (DEG.)	ON TIRES		OUTRIGGERS SET		FROM BOOM POINT TO GROUND (FEET)
			OVER SIDE (POUNDS)	OVER REAR (POUNDS)	360 DEGREES (POUNDS)	OVER REAR (POUNDS)	
150' (45.7M) BOOM	80	61.6			68,880	76,800*	138
	90	57.0			57,880	65,890*	132
	100	52.3			49,360	56,800*	124
	110	47.2			42,580	49,580*	116
	120	41.5			37,270	43,810*	105
	130	35.2			32,650	38,700*	92
	140	27.5			28,720	34,400*	75
150	16.5			25,330	30,470*	48	
160' (48.8M) BOOM	32	81.7			236,950*	236,950*	164
	35	80.7			211,590*	211,590*	164
	40	78.8			180,970*	180,970*	163
	50	75.1			135,460	137,420*	160
	60	71.4			103,830	110,040*	157
	70	67.5			82,880	90,440*	154
	80	63.5			68,390	76,200*	149
	90	59.4			57,380	65,170*	143
	100	55.0			48,860	56,070*	137
	110	50.5			42,080	48,940*	129
	120	45.5			36,800	43,210*	120
	130	40.1			32,170	38,120*	109
140	34.0			28,260	33,690*	95	
150	26.5			24,900	29,900*	77	
160	15.9			21,960	26,490*	50	
170' (51.8M) BOOM	33	81.9			226,790*	226,790*	174
	35	81.2			210,990*	210,990*	174
	40	79.5			180,220*	180,220*	173
	50	76.0			135,050	137,250*	171
	60	72.5			103,400	109,210*	168
	70	68.9			82,410	89,680*	164
	80	65.2			67,940	75,590*	160
	90	61.4			56,910	64,360*	155
	100	57.4			48,380	55,470*	149
	110	53.2			41,590	48,330*	142
	120	48.8			36,340	42,690*	134
	130	44.1			31,720	37,600*	124
	140	38.8			27,810	33,230*	112
	150	32.9			24,460	29,440*	98
160	25.7			21,540	26,080*	79	
170	15.4			18,970	22,720*	51	



WARNING SEE SWING RESTRICTION LIMITATIONS ON BACK PAGES

BOOM LENGTH (FEET)	RADIUS	BOOM ANGLE (DEG.)	ON TIRES		OUTRIGGERS SET		FROM BOOM POINT TO GROUND (FEET)
			OVER SIDE (POUNDS)	OVER REAR (POUNDS)	360 DEGREES (POUNDS)	OVER REAR (POUNDS)	
180' (54.9M) BOOM	35	81.7			210,560*	210,560*	184
	40	80.1			179,650*	179,650*	183
	50	76.8			134,620	136,500*	181
	60	73.5			102,950	108,970*	178
	70	70.1			81,940	88,930*	175
	80	66.7			67,470	74,920*	171
	90	63.1			56,420	63,780*	166
	100	59.5			47,890	54,740*	161
	110	55.6			41,090	47,760*	154
	120	51.6			35,860	41,920*	147
	130	47.3			31,240	36,920*	138
	140	42.7			27,330	32,550*	128
	150	37.7			23,980	28,860*	116
	160	31.9			21,080	25,530*	101
170	24.9			18,530	22,530*	82	
180	14.9			16,270	19,300*	52	
190' (57.9M) BOOM	36	81.8			186,890*	186,890*	194
	40	80.6			178,720*	178,720*	193
	50	77.5			134,340	136,240*	191
	60	74.4			102,680	108,620*	189
	70	71.2			81,660	89,000*	186
	80	68.0			67,230	74,600*	182
	90	64.7			56,180	63,520*	178
	100	61.2			47,650	54,550*	172
	110	57.7			40,840	47,420*	166
	120	54.0			35,660	41,760*	159
	130	50.1			31,030	36,730*	152
	140	46.0			27,140	32,310*	142
	150	41.5			23,790	28,600*	132
	160	36.6			20,890	25,340*	119
170	31.0			18,360	22,400*	104	
180	24.2			16,110	19,790*	84	
190	14.5			14,090	16,600*	53	
200' (61.0M) BOOM	37	82.0			169,170*	169,170*	204
	40	81.1			169,170*	169,170*	203
	50	78.2			133,930	135,730*	202
	60	75.2			102,260	108,000*	199
	70	72.2			81,210	88,330*	196
	80	69.2			66,770	74,130*	193
	90	66.0			55,710	62,890*	189
	110	62.8			47,160	53,970*	184
	59.5			40,360	46,690*	178	



WARNING SEE SWING RESTRICTION LIMITATIONS ON BACK PAGES

BOOM LENGTH (FEET)	RADIUS	BOOM ANGLE (DEG.)	ON TIRES		OUTRIGGERS SET		FROM BOOM POINT TO GROUND (FEET)
			OVER SIDE (POUNDS)	OVER REAR (POUNDS)	360 DEGREES (POUNDS)	OVER REAR (POUNDS)	
200' (61.0M) BOOM	120	56.1			35,190	41,170*	172
	130	52.5			30,560	36,080*	164
	140	48.7			26,660	31,670*	156
	150	44.7			23,320	28,000*	147
	160	40.4			20,420	24,660*	135
	170	35.6			17,880	21,790*	122
	180	30.2			15,650	19,170*	106
	190	23.5			13,650	16,870*	86
	200	14.1			11,850	13,780*	55
210' (64.0M) BOOM	39	81.8			165,520*	165,520*	214
	40	81.5			165,520*	165,520*	213
	50	78.7			133,510	134,580*	212
	60	75.9			101,800	106,830*	209
	70	73.1			80,710	87,620*	207
	80	70.2			66,280	73,420*	203
	90	67.2			55,210	62,200*	199
	100	64.2			46,640	53,310*	195
	110	61.1			40,240	46,490*	190
	120	57.9			34,680	40,440*	184
	130	54.6			30,050	35,270*	177
	140	51.1			26,140	31,010*	169
	150	47.5			22,790	27,240*	161
	160	43.6			19,900	23,960*	151
170	39.3			17,360	21,110*	139	
180	34.7			15,130	18,570*	125	
190	29.4			13,130	16,190*	109	
200	23.0			11,350	14,110*	88	
210	13.7			9,740	11,100*	56	
220' (67.1M) BOOM	40	81.9			150,120*	150,120*	224
	50	79.3			133,090	134,240*	222
	60	76.6			101,350	106,310*	220
	70	73.9			80,730	87,040*	217
	80	71.1			65,810	72,770*	214
	90	68.3			54,720	61,540*	210
	100	65.5			46,150	52,670*	206
	110	62.6			39,770	45,670*	201
	120	59.5			34,190	39,690*	195
	130	56.4			29,560	34,620*	189
	140	53.2			25,640	30,440*	182
150	49.8			22,300	26,630*	174	
160	46.3			19,390	23,360*	165	
170	42.5			16,870	20,480*	154	



WARNING

SEE SWING RESTRICTION LIMITATIONS ON BACK PAGES

BOOM LENGTH (FEET)	RADIUS	BOOM ANGLE (DEG.)	ON TIRES		OUTRIGGERS SET		FROM BOOM POINT TO GROUND (FEET)
			OVER SIDE (POUNDS)	OVER REAR (POUNDS)	360 DEGREES (POUNDS)	OVER REAR (POUNDS)	
220' (67.1M) BOOM	180	38.4			14,630	17,880*	142
	190	33.8			12,640	15,590*	128
	200	28.7			10,860	13,510*	111
	210	22.4			9,260	11,660*	90
	220	13.4			7,800	8,660*	57
230' (70.1M) BOOM	42	81.8			136,890*	136,890*	233
	50	79.7			132,660	133,300*	232
	60	77.2			100,900	105,840*	230
	70	74.6			80,270	86,470*	228
	80	72.0			65,330	72,130*	225
	90	69.3			54,220	60,870*	221
	100	66.6			45,640	52,000*	217
	110	63.9			39,270	45,050*	212
	120	61.0			33,690	39,090*	207
	130	58.1			29,060	34,070*	201
	140	55.1			25,130	29,640*	194
	150	51.9			21,790	25,930*	187
	160	48.7			18,890	22,720*	178
	170	45.2			16,350	19,780*	169
	180	41.5			14,120	17,260*	158
	190	37.5			12,130	14,950*	146
	200	33.1			10,350	12,890*	131
210	28.0			8,740	11,040*	114	
220	21.9			7,290	9,300*	91	
230	13.1			5,970	6,370*	58	
240' (73.2M) BOOM	43	81.9			116,730*	116,730*	243
	50	80.2			116,730*	116,730*	242
	60	77.7			100,560	105,200*	240
	70	75.3			79,940	86,240*	238
	80	72.8			65,000	71,810*	235
	90	70.2			53,890	60,510*	232
	100	67.7			45,310	51,620*	228
	110	65.0			38,970	44,700*	223
	120	62.3			33,390	38,760*	218
	130	59.6			28,750	33,750*	213
	140	56.7			24,840	29,360*	206
	150	53.8			21,490	25,690*	199
	160	50.8			18,590	22,340*	192
	170	47.5			16,060	19,460*	183
180	44.2			13,820	16,940*	173	
190	40.6			11,840	14,610*	162	
200	36.7			10,060	12,550*	149	



WARNING SEE SWING RESTRICTION LIMITATIONS ON BACK PAGES

BOOM LENGTH (FEET)	RADIUS	BOOM ANGLE (DEG.)	ON TIRES		OUTRIGGERS SET		FROM BOOM POINT TO GROUND (FEET)
			OVER SIDE (POUNDS)	OVER REAR (POUNDS)	360 DEGREES (POUNDS)	OVER REAR (POUNDS)	
240' (73.2M) BOOM	210	32.3			8,460	10,690*	134
	220	27.4			7,020	8,990*	116
	230	21.4			5,700	7,430*	93
	240	12.8				4,560*	59
250' (76.2M) BOOM	44	82.0			106,850*	106,850*	253
	50	80.6			106,700*	106,700*	252
	60	78.2			100,120	104,840*	251
	70	75.9			79,490	85,760*	248
	80	73.5			64,530	70,870*	245
	90	71.1			53,410	59,880*	242
	100	68.6			44,820	50,960*	239
	110	66.1			38,490	44,050*	234
	120	63.5			32,910	38,120*	230
	130	60.9			28,260	33,130*	224
	140	58.3			24,350	28,780*	218
	150	55.5			20,990	25,010*	212
	160	52.6			18,090	21,720*	204
	170	49.6			15,560	18,820*	196
	180	46.5			13,320	16,290*	187
	190	43.2			11,330	13,990*	177
	200	39.7			9,560	11,940*	165
210	35.9			7,960	10,090*	152	
220	31.6			6,520	8,370*	137	
230	26.8			5,200	6,820*	119	
240	20.9				5,410*	95	
250	12.5				2,560*	60	
260' (79.2M) BOOM	46	81.8			104,690*	104,690*	263
	50	80.9			104,580*	104,580*	263
	60	78.7			99,670	103,420*	261
	70	76.4			79,030	84,820*	259
	80	74.1			64,050	70,260*	256
	90	71.8			52,910	58,900*	253
	100	69.5			44,300	50,250*	249
	110	67.1			37,990	43,350*	245
	120	64.7			32,400	37,430*	241
	130	62.2			27,750	32,290*	236
	140	59.6			23,820	27,970*	230
150	57.0			20,460	24,250*	224	
160	54.3			17,560	21,010*	217	
170	51.5			15,020	18,160*	209	
180	48.6			12,780	15,620*	201	
190	45.5			10,790	13,330*	191	



WARNING SEE SWING RESTRICTION LIMITATIONS ON BACK PAGES

BOOM LENGTH	RADIUS	BOOM ANGLE	ON TIRES		OUTRIGGERS SET		FROM BOOM POINT TO GROUND (FEET)
			OVER SIDE (POUNDS)	OVER REAR (POUNDS)	360 DEGREES (POUNDS)	OVER REAR (POUNDS)	
(FEET)		(DEG.)					
260'	200	42.3			9,020	11,250*	181
(79.2M)	210	38.9			7,420	9,380*	169
BOOM	220	35.1			5,970	7,700*	155
	230	31.0				6,160*	140
	240	26.3				4,750*	121
	250	20.5				3,420*	97



WARNING SEE SWING RESTRICTION LIMITATIONS ON BACK PAGES

 **WARNING**

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

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

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

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

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

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

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

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

This chart was developed exclusively for use with a boom only. Under no circumstances are these ratings to be interpreted for use with a jib.

Ratings shown on this chart make no allowance for such factors as out of plumb loads, wind, poor soil conditions 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' can be operated at full rated capacity only in wind speeds of 15 MPH or less. If lifts are to be performed in winds between 15 MPH and 25 MPH, ratings must be reduced 10%. No operation of the above combinations should be attempted in wind speeds over 25 MPH. The above limitations do not take into account loads with excessive surface area which are not restrained by tag lines.

Outriggers must be fully extended and set when using "OUTRIGGERS SET" ratings.

 **WARNING**

SEE SWING RESTRICTION LIMITATIONS ON BACK PAGES

For tire inflation pressure for ratings "ON TIRES", see Operator's Manual. See Operator's Manual for recommended tire loading and tire pressure for travel speeds.

When operating "ON TIRES", the boom must never be operated at radii for which no ratings are shown in this chart.

Do not make a lift over the front of a truck crane, either with or without outriggers unless equipped with a front bumper outrigger. If such a lift is unavoidable, consult American Crane for special instructions and reduced ratings. See back of page 3499 of Operator's Manual for definition of working areas on various types of cranes.

▲ WARNING

Do not rotate the crane upperworks over the side of the truck carrier with any counterweight in place for which there are no ratings shown. When on tires with any counterweight in place, the crane may tip over backwards if swung to any position over the side for which no ratings are shown.

BOOM LINE is 14 parts of 0.875 inch diameter 6 x 26, WS, FW, RAL, IWRC, EIPS wire rope with a minimum breaking strength of 79,600 pounds.

PENDANT SUSPENSION LINE is 4 parts of 1.375 inch diameter AAA wire rope with a minimum breaking strength of 211,000 pounds.

LOAD LINE is 1.125 inch diameter 6 x 25, FW, RRL, IWRC, Super Strength wire rope with a minimum breaking strength of 143,000 pounds.

Erection over the idler end with A-Frame fully raised and idler tumblers blocked. Erection over the side with A-Frame fully raised and side frames extended. Blocks, slings and other load carrying devices must be on the ground during erection.

LOAD HOISTING INFORMATION			
MAXIMUM LIFTING CAPACITY - LBS.	MINIMUM PARTS OF LINE	MAXIMUM HOISTING DISTANCE - FT	
		R.H. DRUM - C.L.L.	L.H. DRUM
600,000	16	52'	25'
571,900	14	59'	29'
531,050	13	64'	32'
490,200	12	69'	34'
449,350	11	76'	38'
408,500	10	83'	41'
367,650	9	93'	47'
326,850	8	104'	52'
286,000	7	119'	60'
245,140	6	139'	70'
204,280	5	167'	84'
163,420	4	209'	105'
122,570	3	279'	141'
81,710	2	419'	211'
40,850	1	839'	423'

▲ WARNING SEE SWING RESTRICTION LIMITATIONS ON BACK PAGES

MAXIMUM BOOM & JIB SELF-ERECTION DATA				
J16HL JIB	OVER THE END		OVER THE SIDE	
	BOOM LENGTH (FT)	JIB LENGTH (FT)	BOOM LENGTH (FT)	JIB LENGTH (FT)
	260	0	260	0
250	80	250	0	
240	90	240	90	

BOOM COMPOSITION CHART					
BOOM LENGTH (FEET)	BOOM SECTIONS				
	(30') 92HTR INNER	(20') 92HT CENTER	(10') 92ST CENTER	(50') 92ST CENTER	(10') 92HTR OUTER
40	1	0	0	0	1
50	1	0	1	0	1
60	1	1	0	0	1
70	1	1	1	0	1
80	1	1	2	0	1
90	1	0	0	1	1
100	1	0	1	1	1
110	1	1	0	1	1
120	1	1	1	1	1
130	1	1	2	1	1
140	1	0	1	2	1
150	1	0	1	2	1
160	1	1	0	2	1
170	1	1	1	2	1
180	1	1	2	2	1
190	1	0	0	3	1
200	1	0	1	3	1
210	1	1	0	3	1
220	1	1	1	3	1
230	1	1	2	3	1
240	1	0	0	4	1
250	1	0	1	4	1
260	1	1	0	4	1



WARNING SEE SWING RESTRICTION LIMITATIONS ON BACK PAGES