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AMERICAN HOIST & DERRICK COMPANY

63 S. Robert Street, St. Paul, Minn. 55107

AN EQUAL OPPORTUNITY EMPLOYER

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GUY DERRICK RATINGS

MODEL 11320

GUY DERRICK RATINGS With 94H Boom and 94M Mast

Boom & Mast Length (feet)	Radius in Feet	Boom Angle Degrees	Capacity in Pounds		Ft. From Boom Point
			Full Hoisting Capability	Limit: Hoisting Distance	
130' Boom & 150' Mast	35	78	1200000	1200000	134
	40	75	1123430	1123430	133
	50	71	865850	865850	129
	60	66	702440	702440	125
	70	61	590710	590710	120
	80	56	508460	508460	114
	90	50	446120	446120	106
	100	44	396820	396820	97
	110	37	356850	356850	85
	120	29	321550	321550	69
	130	18	274450	274450	46
140' Boom & 160' Mast	37	78	1200000	1200000	144
	40	77	1200000	1200000	143
	50	72	932390	932390	140
	60	68	757130	757130	136
	70	63	636090	636090	132
	80	59	547870	547870	126
	90	54	480720	480720	119
	100	48	427670	427670	111
	110	43	384860	384860	101
	120	36	349420	349420	88
150' Boom & 170' Mast	39	78	1100000	1100000	153
	40	77	1100000	1100000	153
	50	74	972280	972280	151
	60	69	789500	789500	147
	70	65	663220	663220	143
	80	61	571200	571200	138
	90	56	500830	500830	131
	100	52	445840	445840	124
	110	47	400910	400910	115
	120	41	364180	364180	104
160' Boom & 180' Mast	41	78	1000000	1000000	163
	50	75	1000000	1000000	161
	60	71	849810	849810	154
	70	67	713900	713900	149
	80	63	614840	614840	144
	90	59	539900	539900	143
	100	55	480310	480310	137
	110	50	432270	432270	129
	120	45	392700	392700	119
	130	40	359320	359320	108
170' Boom & 190' Mast	43	78	900000	900000	173
	50	75	900000	900000	171
	60	72	858180	858180	168
	70	68	729800	729800	165
	80	65	628520	628520	160
	90	61	551520	551520	155
	100	57	489070	489070	149

METRIC

Boom & Mast Length (meters)	Radius in Meters	Boom Angle Degrees	Capacity in Kilograms		Meters From Boom Point
			Full Hoisting Capability	Limit: Hoisting Distance	
39.6m Boom & 45.7m Mast	10.7	78	544320	544320	40.8
	12.2	75	509590	509590	40.5
	15.2	71	392750	392750	39.3
	18.3	66	318630	318630	38.1
	21.3	61	267950	267950	36.6
	24.4	56	230640	230640	34.7
	27.4	50	202360	202360	32.3
	30.5	44	180000	180000	29.6
	33.5	37	161870	161870	25.9
	36.6	29	145860	145860	21.0
	39.6	18	124490	124490	14.0
42.7m Boom & 48.8m Mast	11.3	78	544320	544320	43.9
	12.2	77	544320	544320	43.8
	15.2	72	422930	422930	42.7
	18.3	68	343430	343430	41.5
	21.3	63	288530	288530	40.2
	24.4	59	248510	248510	38.4
	27.4	54	218050	218050	36.3
	30.5	48	193990	193990	33.8
	33.5	43	174570	174570	30.8
	36.6	36	158500	158500	28.8
45.7m Boom & 51.8m Mast	39.6	28	142230	142230	21.9
	42.7	17	122570	122570	14.3
48.8m Boom & 54.9m Mast	11.9	78	498960	498960	48.6
	12.2	77	498960	498960	48.6
	15.2	74	441030	441030	46.0
	18.3	69	358120	358120	44.8
	21.3	65	300840	300840	43.6
	24.4	61	259100	259100	42.1
	27.4	56	227180	227180	39.9
	30.5	52	202230	202230	37.8
	33.5	47	181850	181850	35.1
	36.6	41	165190	165190	31.7
51.8m Boom & 57.9m Mast	39.6	35	151260	151260	27.7
	42.7	27	139340	139340	22.6
	45.7	17	120940	120940	14.9
54.9m Boom & 60.9m Mast	12.5	78	453600	453600	49.7
	15.2	75	453600	453600	49.1
	18.3	71	385470	385470	48.2
	21.3	67	323830	323830	46.9
	24.4	63	278890	278890	45.4
	27.4	59	244900	244900	43.6
	30.5	55	217870	217870	41.8
	33.5	50	196080	196080	39.3
	36.6	45	178130	178130	36.3
	39.6	40	162990	162990	32.9
57.9m Boom & 63.9m Mast	42.7	34	150250	150250	28.7
	45.7	26	136420	136420	23.5
	48.8	16	118880	118880	15.2
60.9m Boom & 66.9m Mast	13.1	78	408240	408240	52.7
	15.2	75	408240	408240	52.1
	18.3	72	369270	369270	51.2
	21.3	68	331040	331040	50.3
	24.4	65	285100	285100	48.8
	27.4	61	250170	250170	47.2
	30.5	57	221840	221840	45.4

(continued)

**MODEL 11320 GUY DERRICK RATINGS (cont.)****94H Boom and 94M Mast**

	Radius In Feet	Boom Angle Degrees	Capacity In Pounds		Ft. From Boom Point
			Full Hoisting Capability	Limited Hoisting Distance	
250' Boom & 270' Mast	62	78	538950	538950	261
	70	76	538950	538950	259
	80	74	538950	538950	256
	90	71	538950	538950	253
	100	69	525300	525300	250
	110	67	468680	468680	245
	120	64	423880	423880	241
	130	62	384860	384860	236
	140	59	351190	351190	230
	150	57	322870	322870	224
	160	54	297650	297650	217
	170	51	275120	275120	209
	180	48	254560	254560	200
	190	45	236730	236730	191
	200	42	219760	219760	180
	210	39	204210	204210	168
	220	35	190260	190260	155
270' Boom & 270' Mast	230	31	175850	175850	139
	240	26	162680	162680	120
	250	20	149020	149020	97
	260	13	133150	133150	62
	64	78	487990	487990	271
	70	77	487990	487990	269
	80	74	487990	487990	267
	90	72	487990	487990	264
	100	70	487990	487990	260
	110	68	482400	482400	256
	120	65	435610	435610	252
	130	63	396530	396530	247
	140	61	362390	362390	241
280' Boom & 270' Mast	150	58	333260	333260	235
	160	56	307370	307370	229
	170	53	284200	284200	222
	180	50	263190	263190	213
	190	47	245070	245070	205
	200	44	228270	228270	195
	210	41	212240	212240	184
	220	38	198110	198110	172
	230	34	184710	184710	158
	240	30	171830	171830	142
	250	26	158810	158810	122
	260	20	145910	145910	98
	270	12	130930	130930	63
290' Boom & 270' Mast	66	78	449390	449390	281
	70	77	449390	449390	280
	80	75	449390	449390	277
	90	73	449390	449390	274
	100	71	449390	449390	271
	110	68	449390	449390	267
	120	66	442740	442740	263
	130	64	402900	402900	258
	140	62	368240	368240	253
	150	59	339340	339340	247
	160	57	312930	312930	241
	170	54	290350	290350	234
	180	52	268830	268830	226
	190	49	249770	249770	218
	200	46	233230	233230	209
	210	44	217970	217970	199
	220	40	203220	203220	188
290' Boom & 270' Mast	230	37	190300	190300	175
	240	34	177330	177330	161
	250	30	165230	165230	144
	260	25	153010	153010	125
	270	20	140940	140940	100
	280	12	126220	126220	64
	68	78	413770	413770	290
290' Boom & 270' Mast	70	78	413770	413770	290
	80	76	413770	413770	288
	90	73	413770	413770	285
	100	71	413770	413770	281
	110	69	413770	413770	278
	120	67	413770	413770	274
	130	65	405340	405340	269
	140	63	371940	371940	264
	150	61	343300	343300	259

METRIC

Boom & Mast Length (meters)	Radius In Meters	Boom Angle Degrees	Capacity In Kilograms		Meters From Boom Point
			Full Hoisting Capability	Limited Hoisting Distance	
79.2m Boom & 82.3m Mast	18.9	78	244470	244470	79.6
	21.3	76	244470	244470	78.9
	24.4	74	244470	244470	78.0
	27.4	71	244470	244470	77.1
	30.5	69	238280	238280	76.2
	33.5	67	212590	212590	74.7
	36.6	64	192270	192270	73.5
	39.6	62	174570	174570	71.9
	42.7	59	159300	159300	70.1
	45.7	57	146450	146450	68.3
	48.8	54	135010	135010	66.1
	51.8	51	124790	124790	63.7
	54.9	48	115470	115470	61.0
	57.9	45	107380	107380	58.2
	61.0	42	99680	99680	54.9
	64.0	39	92630	92630	51.2
	67.1	35	86300	86300	47.2
61.0m Boom & 82.3m Mast	70.1	31	79770	79770	42.4
	73.2	26	73790	73790	36.6
	76.2	20	67600	67600	29.6
	79.2	13	60400	60400	18.9
	19.5	78	221350	221350	82.6
	21.3	77	221350	221350	82.0
	24.4	74	221350	221350	81.4
	27.4	72	221350	221350	80.5
	30.5	70	221350	221350	79.2
	33.5	68	218820	218820	78.0
	36.6	65	197590	197590	76.8
	39.6	63	179870	179870	75.3
	42.7	61	164380	164380	73.5
85.m Boom & 82.3m Mast	45.7	58	151170	151170	71.6
	48.8	56	139420	139420	69.8
	51.8	53	128910	128910	67.7
	54.9	50	119380	119380	64.9
	57.9	47	111160	111160	62.5
	61.0	44	103540	103540	59.4
	64.0	41	96270	96270	56.1
	67.1	38	89860	89860	52.4
	70.1	34	83780	83780	48.2
	73.2	30	77940	77940	43.3
	76.2	26	72040	72040	37.2
	79.2	20	66180	66180	29.9
	82.3	12	59390	59390	19.2
88.4m Boom & 82.3m Mast	20.1	78	203840	203840	85.6
	21.3	77	203840	203840	85.3
	24.4	75	203840	203840	84.4
	27.4	73	203840	203840	83.5
	30.5	71	203840	203840	82.6
	33.5	68	203840	203840	81.4
	36.6	66	200830	200830	80.2
	39.6	64	182760	182760	78.6
	42.7	62	167030	167030	77.1
	45.7	59	153920	153920	75.3
	48.8	57	141950	141950	73.5
	51.8	54	131700	131700	71.3
	54.9	52	121940	121940	68.9
	57.9	49	113300	113300	66.4
	61.0	46	105790	105790	63.7
	64.0	44	98870	98870	60.7
	67.1	40	92180	92180	57.3
88.4m Boom & 82.3m Mast	70.1	37	86320	86320	53.3
	73.2	34	80440	80440	49.1
	76.2	30	74950	74950	43.9
	79.2	25	69410	69410	38.1
	82.3	20	63930	63930	30.5
	85.3	12	57250	57250	19.5
	20.7	78	187690	187690	88.4
88.4m Boom & 82.3m Mast	21.3	78	187690	187690	88.4
	24.4	76	187690	187690	87.8
	27.4	73	187690	187690	86.9
	30.5	71	187690	187690	85.6
	33.5	69	187690	187690	84.7
	36.6	67	187690	187690	83.5
	39.6	65	183860	183860	82.0
	42.7	63	168710	168710	80.5
	45.7	61	155720	155720	78.9



MODEL 11320 GUY DERRICK RATINGS (cont.)

With 94H Boom and 94M Mast

Boom & Mast Length (feet)	Radius in Feet	Boom Angle Degrees	Capacity in Pounds		Ft. From Boom Point
			Full Hoisting Capability	Limited Hoisting Distance	
290' Boom & 270' Mast (cont.)	160	58	316460	316460	253
	170	56	294370	294370	246
	180	53	273610	273610	239
	190	51	254050	254050	231
	200	48	238250	238250	223
	210	46	222600	222600	213
	220	43	207560	207560	203
	230	40	194570	194570	191
	240	36	182170	182170	178
	250	33	170120	170120	164
	260	29	158450	158450	147
	270	25	147310	147310	127
300' Boom & 270' Mast	280	19	135580	135580	102
	290	12	122070	122070	65
	70	78	381730	381730	300
	80	76	381730	381730	298
	90	74	381730	381730	295
	100	72	381730	381730	292
	110	70	381730	381730	289
	120	68	381730	381730	285
	130	66	381730	381730	280
	140	64	372530	372530	275
	150	62	343780	343780	270
	160	59	318150	318150	265
310' Boom & 270' Mast	170	57	295680	295680	258
	180	55	275390	275390	251
	190	52	257380	257380	244
	200	50	241270	241270	236
	210	47	225360	225360	227
	220	45	211020	211020	217
	230	42	198030	198030	207
	240	39	185960	185960	195
	250	36	174400	174400	181
	260	32	163110	163110	167
	270	29	152150	152150	149
	280	24	141650	141650	129
320' Boom & 270' Mast	290	19	130640	130640	103
	300	12	117940	117940	66
	72	78	352930	352930	310
	80	76	352930	352930	308
	90	75	352930	352930	306
	100	73	352930	352930	303
	110	71	352930	352930	299
	120	69	352930	352930	295
	130	67	352930	352930	291
	140	65	352930	352930	287
	150	63	344290	344290	282
	160	60	318540	318540	276
330' Boom & 270' Mast	170	58	295970	295970	270
	180	56	276780	276780	264
	190	54	259030	259030	257
	200	52	243430	243430	249
	210	49	228240	228240	240
	220	46	213590	213590	231
	230	44	201210	201210	221
	240	41	188990	188990	210
	250	38	177980	177980	198
	260	35	167150	167150	185
	270	32	156560	156560	169
	280	28	146640	146640	152
340' Boom & 270' Mast	290	24	136320	136320	131
	300	19	125870	125870	105
	310	11	113770	113770	67
	74	78	318100	318100	320
	80	77	318100	318100	318
	90	75	318100	318100	316
	100	73	318100	318100	313
	110	71	318100	318100	310
	120	69	318100	318100	306
	130	67	311870	311870	302
	140	64	288640	288640	298
	150	61	267920	267920	293
350' Boom & 270' Mast	160	58	248870	248870	288
	170	55	232020	232020	282
	180	52	216420	216420	276
	190	48	202550	202550	269
	75	78	318100	318100	318
	80	77	318100	318100	316
	90	75	318100	318100	313
	100	73	318100	318100	310
	110	71	318100	318100	306
	120	69	311870	311870	302
	130	67	288640	288640	298
	140	64	267920	267920	293

METRIC

Boom & Mast Length (meters)	Radius in Meters	Boom Angle Degrees	Capacity in Kilograms		Meters From Boom Point
			Full Hoisting Capability	Limited Hoisting Distance	
88.4m Boom & 82.3m Mast (cont.)	48.8	58	143550	143550	77.1
	51.8	56	133530	133530	75.0
	54.9	53	124110	124110	72.8
	57.9	51	115240	115240	70.4
	61.0	48	108070	108070	68.0
	64.0	46	100970	100970	64.9
	67.1	43	94150	94150	61.9
	70.1	40	88260	88260	58.2
	73.2	36	82630	82630	54.3
	76.2	33	77170	77170	50.2
	79.2	29	71870	71870	44.8
	82.3	25	66820	66820	38.7
91.4m Boom & 82.3m Mast	85.3	19	61500	61500	31.1
	88.4	12	55370	55370	19.8
	21.3	78	173150	173150	91.4
	24.4	76	173150	173150	90.8
	27.4	74	173150	173150	89.9
	30.5	72	173150	173150	88.0
	33.5	70	173150	173150	86.1
	36.6	68	173150	173150	84.9
	39.6	66	173150	173150	83.3
	42.7	64	168980	168980	81.8
	45.7	62	155940	155940	80.2
	48.8	59	144310	144310	78.6
94.5m Boom & 82.3m Mast	51.8	57	134120	134120	76.5
	54.9	55	124920	124920	74.4
	57.9	52	116750	116750	71.9
	61.0	50	109440	109440	69.2
	64.0	47	102220	102220	66.1
	67.1	45	95720	95720	63.1
	70.1	42	89830	89830	59.4
	73.2	39	84350	84350	55.2
	76.2	36	79110	79110	50.9
	79.2	32	73990	73990	45.4
	82.3	29	69020	69020	39.3
	85.3	24	64250	64250	31.4
97.5m Boom & 82.3m Mast	88.4	19	59260	59260	20.1
	91.4	12	53500	53500	
	21.9	78	160090	160090	94.5
	24.4	76	160090	160090	93.9
	27.4	75	160090	160090	93.3
	30.5	73	160090	160090	92.4
	33.5	71	160090	160090	91.1
	36.6	69	160090	160090	89.7
	39.6	67	160090	160090	88.7
	42.7	65	160090	160090	87.5
	45.7	63	156170	156170	86.0
	48.8	60	144490	144490	84.1
99.5m Boom & 82.3m Mast	51.8	58	134250	134250	82.3
	54.9	56	125550	125550	80.5
	57.9	54	117500	117500	78.3
	61.0	52	110420	110420	75.9
	64.0	49	103530	103530	73.2
	67.1	47	96880	96880	70.4
	70.1	44	91270	91270	67.4
	73.2	41	85730	85730	64.0
	76.2	38	80730	80730	60.4
	79.2	35	75820	75820	56.4
	82.3	32	71020	71020	51.5
	85.3	28	66520	66520	46.3
101.5m Boom & 82.3m Mast	88.4	24	61830	61830	39.9
	91.4	19	57090	57090	32.0
	94.5	11	51610	51610	20.4
	22.6	78	144290	144290	97.5
	24.4	77	144290	144290	96.9
	27.4	75	144290	144290	96.3
	30.5	73	144290	144290	95.4
	33.5	71	144290	144290	94.5
	36.6	69	144290	144290	93.3
	39.6	67	141460	141460	92.0
	42.7	66	130930	130930	90.8
	45.7	64	121530	121530	89.3
103.5m Boom & 82.3m Mast	48.8	61	112890	112890	87.8
	51.8	59	105240	105240	86.0
	54.9	57	98170	98170	84.1
	57.9	55	91880	91880	82.0
	22.6	78	144290	144290	97.5
	24.4	77	144290	144290	96.9
	27.4	75	144290	144290	96.3
	30.5	73	144290	144290	95.4
	33.5	71	144290	144290	94.5
	36.6	69	144290	144290	93.3
	39.6	67	141460	141460	92.0
	42.7	66	130930	130930	90.8

MODEL 11320 GUY DERRICK RATINGS (cont.)

With 94H Boom and 94M Mast

Boom & Mast Length (feet)	Radius In Feet	Boom Angle Degrees	Capacity in Pounds		Ft. From Boom Point
			Full Hoisting Capability	Limited Hoisting Distance	
320' Boom & 270' Mast (cont.)	200	53	190860	190860	262
	210	51	178640	178640	254
	220	48	167900	167900	245
	230	46	157810	157810	236
	240	43	147750	147750	225
	250	41	139490	139490	214
	260	38	131100	131100	202
	270	35	122880	122880	188
	280	31	115320	115320	172
	290	28	107460	107460	154
	300	23	99850	99850	133
	310	18	92180	92180	107
320	11	82660	82660	68	
330' Boom & 270' Mast	77	78	296080	296080	329
	80	77	296080	296080	329
	90	76	296080	296080	326
	100	74	296080	296080	323
	110	72	296080	296080	320
	120	70	296080	296080	317
	130	68	296080	296080	313
	140	66	282730	282730	309
	150	64	262830	262830	304
	160	62	245110	245110	299
	170	60	230370	230370	293
	180	58	215710	215710	287
	190	56	201820	201820	281
	200	54	190170	190170	274
	210	52	178660	178660	266
	220	50	167880	167880	258
	230	47	158100	158100	249
	240	45	148860	148860	240
250	43	140820	140820	229	
260	40	132580	132580	218	
270	37	124780	124780	205	
280	34	117100	117100	191	
290	31	110020	110020	175	
300	27	102640	102640	157	
310	23	95820	95820	135	
320	18	88230	88230	108	
330	11	79200	79200	69	
340' Boom & 270' Mast	79	78	275720	275720	339
	80	78	275720	275720	339
	90	76	275720	275720	337
	100	74	275720	275720	334
	110	72	275720	275720	331
	120	71	275720	275720	327
	130	69	275720	275720	324
	140	67	275720	275720	320
	150	65	257430	257430	315
	160	63	241850	241850	310
	170	61	228470	228470	305
	180	59	213250	213250	299
	190	57	200300	200300	293
	200	55	189500	189500	286
	210	53	177990	177990	279
	220	51	167890	167890	271
	230	49	158720	158720	263
	240	47	149740	149740	254
250	44	141910	141910	244	
260	42	133830	133830	233	
270	39	126180	126180	221	
280	37	118900	118900	208	
290	34	111710	111710	194	
300	30	105070	105070	178	
310	27	98550	98550	159	
320	23	91710	91710	137	
330	18	84530	84530	110	
340	11	75940	75940	70	
350' Boom & 270' Mast	81	78	257220	257220	349
	90	76	257220	257220	347
	100	75	257220	257220	344
	110	73	257220	257220	341
	120	71	257220	257220	338
	130	69	257220	257220	334
	140	68	257220	257220	330
150	66	250920	250920	326	
160	64	236680	236680	321	



MODEL 11320 GUY DERRICK RATINGS (cont.)

With 94H Boom and 94M Mast

Boom & Mast Length (feet)	Radius in Feet	Boom Angle Degrees	Capacity in Pounds		Fl. From Boom Point
			Full Hoisting Capability	Limited Hoisting Distance	
350' Boom & 270' Mast (cont.)	170	62	222070	222070	316
	180	60	209560	209560	311
	190	59	197580	197580	305
	200	57	186920	186920	298
	210	55	176550	176550	291
	220	53	167170	167170	284
	230	50	158000	158000	276
	240	48	149010	149010	267
	250	46	141780	141780	258
	260	44	134240	134240	248
	270	41	126770	126770	237
	280	39	119670	119670	225
	290	36	112900	112900	211
	300	33	106620	106620	197
	310	30	99970	99970	180
360' Boom & 270' Mast	320	26	94260	94260	161
	330	22	87600	87600	139
	340	18	80980	80980	111
	350	11	72820	72820	71
	83	78	239990	239990	359
	90	77	239990	239990	357
	100	75	239990	239990	355
	110	73	239990	239990	352
	120	72	239990	239990	349
	130	70	239990	239990	345
	140	68	239990	239990	341
	150	67	239990	239990	337
	160	65	229790	229790	332
	170	63	217300	217300	328
	180	61	204980	204980	322
370' Boom & 270' Mast	190	59	194540	194540	316
	200	58	183960	183960	310
	210	56	174440	174440	304
	220	54	165120	165120	297
	230	52	156660	156660	289
	240	50	148310	148310	281
	250	48	141130	141130	272
	260	45	134120	134120	262
	270	43	126820	126820	252
	280	41	119980	119980	240
	290	38	113620	113620	228
	300	35	107300	107300	215
	310	33	101430	101430	200
	320	29	95690	95690	183
	330	26	89860	89860	164
380' Boom & 270' Mast	340	22	83920	83920	141
	350	17	77390	77390	113
	360	11	69590	69590	72
	85	78	215990	215990	369
	90	77	215990	215990	367
	100	76	215990	215990	365
	110	74	215990	215990	362
	120	72	215990	215990	359
	130	71	215990	215990	356
	140	69	215990	215990	352
	150	67	215990	215990	348
	160	66	215990	215990	344
	170	64	212740	212740	339
	180	62	201360	201360	334
	190	60	192070	192070	328
390' Boom & 270' Mast	200	59	182390	182390	322
	210	57	172950	172950	316
	220	55	164090	164090	309
	230	53	156350	156350	302
	240	51	148650	148650	294
	250	49	141490	141490	285
	260	47	134480	134480	276
	270	45	128030	128030	266
	280	42	121560	121560	256
	290	40	115360	115360	244
	300	38	109400	109400	232
	310	35	103460	103460	218
	320	32	98490	98490	203
	330	29	92900	92900	186
	340	26	87350	87350	166
370' Boom & 270' Mast	350	22	81520	81520	143
	360	17	75340	75340	114
	370	10	68220	68220	73

METRIC

Boom & Mast Length (meters)	Radius in Meters	Boom Angle Degrees	Capacity in Kilograms		Meters From Boom Point
			Full Hoisting Capability	Limited Hoisting Distance	
106.7m Boom & 82.3m Mast (cont.)	51.8	62	100730	100730	96.3
	54.9	60	95060	95060	94.8
	57.9	59	89620	89620	93.0
	61.0	57	84790	84790	90.8
	64.0	55	80080	80080	88.7
	67.1	53	75830	75830	86.6
	70.1	50	71670	71670	84.1
	73.2	48	67590	67590	81.4
	76.2	46	63510	63510	78.6
	79.2	44	60890	60890	75.6
	82.3	41	57500	57500	72.2
	85.3	39	54280	54280	68.8
	88.4	36	51210	51210	64.3
	91.4	33	48360	48360	60.0
	94.5	30	45350	45350	54.9
109.7m Boom & 82.3m Mast	97.5	26	42760	42760	49.1
	100.6	22	39740	39740	42.4
	103.6	18	36730	36730	33.8
	106.7	11	33030	33030	21.6
	25.5	78	108860	108860	109.4
	27.4	77	108860	108860	108.8
	30.5	75	108860	108860	108.2
	33.5	73	108860	108860	107.3
	36.6	72	108860	108860	106.4
	39.6	70	108860	108860	105.2
	42.7	68	108860	108860	103.9
	45.7	67	108860	108860	102.7
	48.8	65	104230	104230	101.2
	51.8	63	98570	98570	100.0
	54.9	61	92980	92980	98.1
112.8m Boom & 82.3m Mast	57.9	59	88240	88240	96.3
	61.0	58	83440	83440	94.5
	64.0	56	79130	79130	92.7
	67.1	54	74900	74900	90.5
	70.1	52	71060	71060	88.1
	73.2	50	67270	67270	85.6
	76.2	48	64020	64020	82.9
	79.2	45	60840	60840	79.9
	82.3	43	57430	57430	76.8
	85.3	41	54420	54420	73.2
	88.4	38	51540	51540	69.5
	91.4	35	48670	48670	65.0
	94.5	33	46010	46010	61.0
	97.5	29	43400	43400	55.8
	100.6	26	40760	40760	50.0
115.8m Boom & 82.3m Mast	103.6	22	38070	38070	43.0
	106.7	17	35100	35100	34.4
	109.7	11	31570	31570	21.9
	25.9	78	97970	97970	112.5
	27.4	77	97970	97970	111.9
	30.5	76	97970	97970	111.3
	33.5	74	97970	97970	110.3
	36.6	72	97970	97970	109.4
	39.6	71	97970	97970	108.5
	42.7	69	97970	97970	107.3
	45.7	67	97970	97970	106.1
	48.8	66	97970	97970	104.9
	51.8	64	96500	96500	103.2
	54.9	62	91340	91340	101.8
	57.9	60	87120	87120	100.0
118.8m Boom & 82.3m Mast	61.0	59	82730	82730	98.1
	64.0	57	78450	78450	96.3
	67.1	55	74430	74430	94.2
	70.1	53	70920	70920	92.0
	73.2	51	67430	67430	89.6
	76.2	49	64180	64180	86.9
	79.2	47	61000	61000	84.1
	82.3	45	58070	58070	81.1
	85.3	42	55140	55140	78.0
	88.4	40	52330	52330	74.4
	91.4	38	49620	49620	70.7
	94.5	35	46930	46930	66.4
	97.5	32	44580	44580	61.9
	100.6	29	42140	42140	56.7
	103.6	26	39620	39620	50.6
121.8m Boom & 82.3m Mast	106.7	22	36980	36980	43.6
	109.7	17	34170	34170	34.7
	112.8	10	30940	30940	22.3

MODEL 11320 GUY DERRICK RATINGS (cont.)

With 94H Boom and 94M Mast

Boom & Mast Length [feet]	Radius in Feet	Boom Angle Degrees	Capacity in Pounds		Fl. From Boom Point	
			Full Hoisting Capability	Limited Hoisting Distance		
380' Boom & 270' Mast	87	78	202690	202690	378	
	90	77	202690	202690	378	
	100	76	202690	202690	375	
	110	74	202690	202690	373	
	120	73	202690	202690	370	
	130	71	202690	202690	366	
	140	70	202690	202690	363	
	150	68	202690	202690	359	
	160	66	202690	202690	354	
	170	65	202690	202690	350	
	180	63	195910	195910	345	
	190	61	187110	187110	340	
	200	60	178230	178230	334	
	210	58	169440	169440	328	
	220	56	161700	161700	321	
	230	54	153380	153380	314	
	240	52	147250	147250	306	
	250	50	140240	140240	298	
390' Boom & 270' Mast	260	48	133250	133250	290	
	270	46	126820	126820	280	
	280	44	120870	120870	270	
	290	42	115060	115060	259	
	300	40	109160	109160	248	
	310	37	103610	103610	235	
	320	34	98480	98480	221	
	330	32	93620	93620	205	
	340	29	88610	88610	188	
	350	25	83370	83370	168	
	360	21	77700	77700	145	
	370	17	72070	72070	116	
	380	10	65200	65200	74	
	390' Boom & 270' Mast	89	78	189870	189870	388
		90	78	189870	189870	388
		100	76	189870	189870	386
		110	75	189870	189870	383
		120	73	189870	189870	380
130		72	189870	189870	377	
140		70	189870	189870	370	
150		69	189870	189870	370	
160		67	189870	189870	365	
170		65	189870	189870	361	
180		64	189870	189870	356	
190		62	181900	181900	351	
200		60	173350	173350	345	
210		59	165660	165660	339	
220		57	158040	158040	333	
230		55	150380	150380	326	
240		53	144790	144790	319	
250		51	137870	137870	311	
260	50	131500	131500	303		
270	48	125640	125640	294		
280	46	119720	119720	285		
290	43	114010	114010	274		
300	41	108500	108500	263		
310	39	103600	103600	251		
320	37	98230	98230	238		
330	34	94020	94020	224		
340	31	89170	89170	206		
350	28	84240	84240	191		
360	25	79180	79180	170		
370	21	73980	73980	147		
380	17	68680	68680	117		
390	10	62170	62170	74		