



LIFTING CAPACITIES

Luffing Jib Lifting Capacities

Unit: lbs

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs

79ft (24m) Boom													
Load Radius (ft)	79ft (24m) Jib			98ft (30m) Jib			118ft (36m) Jib			138ft (42m) Jib			Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			
	86	76	66	86	76	66	86	76	66	86	76	66	
52.5	250,200 *			250,200 *									52.5
55	244,000			243,300									55
60	230,000			228,300			225,900 *						60
65	208,300			206,900			204,700 *						65
70	190,600			189,300			187,200			186,000			70
75	175,300	165,600		174,000			172,000			170,900			75
80	161,900	153,000		160,600			158,600			157,600			80
85	150,300	141,900		149,000			147,000			146,100			85
90	137,200	132,600		139,300	130,800		137,300			136,300			90
95		124,200		130,500	122,400		128,500	120,100		127,400			95
100			110,500	122,600	115,000		120,700	112,800		119,500	111,300		100
110			98,200	109,400	102,400		107,400	100,200		106,100	98,700		110
120					92,100	86,600	96,700	90,000		95,300	88,500		120
130						78,200		81,400	75,900	86,200	79,800		130
140									69,000	78,300	72,400	67,200	140
150									63,100	72,000	66,200	61,300	150
160											61,100	56,400	160
170												52,000	170
180													180
190													190
200													200
210													210
220													220
230													230
240													240
reeves	9			9			9			7			reeves
Load Radius (ft)	157ft (48m) Jib			177ft (54m) Jib			197ft (60m) Jib			217ft (66m) Jib			Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			
	86	76	66	86	76	66	86	76	66	86	76	66	
75	169,100												75
80	156,400			153,600			140,500						80
85	144,800			143,800			135,000						85
90	135,000			134,100			129,900						90
95	126,100			125,200			123,000			117,800 *			95
100	118,200			117,300			115,300			113,500 *			100
110	104,800			103,900			101,700			109,200			110
120	93,900	87,000		92,900			90,800			100,100			120
130	84,600	78,200		83,500	76,900		81,500	74,700		89,900			130
140	76,800	70,700		75,600	69,300		73,600	67,100		80,600	66,000		140
150	70,200	64,500		68,900	63,100		66,900	60,900		65,800	59,600		150
160	64,600	59,200	54,400	63,300	57,800		61,100	55,600		60,000	54,300		160
170		54,500	50,000	58,100	53,100	48,500	56,100	50,900		54,900	49,600		170
180			46,200	53,600 *	48,900	44,600	51,700 *	46,700	42,200	50,300 *	45,400		180
190			42,800	50,100 *	45,300	41,100	47,700 *	43,000	38,800	46,100 *	41,700		190
200					42,200	38,200	44,000 *	39,800	35,800	41,800 *	38,400	34,300	200
210						35,500		37,000	33,100	38,000 *	35,400	31,600	210
220											32,900	29,100	220
230												26,800	230
240												24,900	240
250													250
260													260
270													270
280													280
290													290
reeves	6			6			5			5			reeves

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.



SL4500G

Luffing Jib Lifting Capacities

Unit: lbs

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs

98ft (30m) Boom

Load Radius Radius (ft)	79ft (24m) Jib			98ft (30m) Jib			118ft (36m) Jib			138ft (42m) Jib			Load Radius Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			
	86	76	66	86	76	66	86	76	66	86	76	66	
50													50
55	242,700			242,000									55
60	226,500			224,800			222,600 *						60
65	205,200			203,600			201,400 *						65
70	187,700			186,300			184,100			183,000			70
75	172,500			171,200			169,000			168,100			75
80	159,300	147,600		158,000			155,800			154,900			80
85	147,900	137,100		146,600			144,600			143,500			85
90	138,100	127,900		136,900	125,900		134,900			133,800			90
95		119,700		128,200	117,800		126,200			125,100			95
100		112,400		120,400	110,700		118,500	108,200		117,300			100
110		99,800		107,200	98,400		105,200	96,000		104,100			110
120					88,400		94,600	86,100		93,400	84,600		120
130								77,700		84,300	76,200		130
140								70,500	64,200	76,600	68,900		140
150								64,600	58,700	70,200	62,900		150
160									54,000		57,900	52,300	160
170												48,100	170
180													180
190													190
200													200
210													210
220													220
230													230
240													240
reeves	9			9			8			7			reeves

Load Radius Radius (ft)	157ft (48m) Jib			177ft (54m) Jib			197ft (60m) Jib			217ft (66m) Jib			Load Radius Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			
	86	76	66	86	76	66	86	76	66	86	76	66	
75	166,200												75
80	153,800			151,300									80
85	142,400			141,400									85
90	132,500			131,700			129,600						90
95	123,800			122,900			122,100			114,200 *			95
100	116,000			115,100			114,200			109,500			100
110	102,800			101,900			100,800			98,400			110
120	92,000	83,000		91,000			89,900			88,100			120
130	83,000	74,600		81,800	73,300		80,700			78,900			130
140	75,200	67,400		73,900	66,000		72,800	64,700		71,000	62,500		140
150	68,500	61,400		67,400	59,800		66,000	58,500		64,300	56,500		150
160	63,000	56,200	50,300	61,700	54,700		60,400	53,400		58,600	51,400		160
170		51,700	46,100	56,800	50,100	44,600	55,400	48,700		53,600	46,700		170
180			42,400	52,400 *	46,100	40,900	51,100	44,600	39,100	49,100 *	42,600		180
190			39,100	48,600 *	42,600	37,500	47,000	41,100	35,800	45,300 *	39,100		190
200			36,400		39,600	34,700	43,600 *	37,900	32,900	41,900 *	35,900	30,900	200
210						32,100		35,000	30,400	38,200 *	33,000	28,300	210
220									28,100		30,500	25,900	220
230									25,900		28,300	23,700	230
240									24,100		26,300	21,800	240
250												20,200	250
260													260
270													270
280													280
290													290
reeves	6			6			5			4			reeves

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.



LIFTING CAPACITIES

Luffing Jib Lifting Capacities													
Unit: lbs													
Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs													
118ft (36m) Boom													
Load Radius (ft)	98ft (30m) Jib			118ft (36m) Jib			138ft (42m) Jib			157ft (48m) Jib			Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			
	86	76	66	86	76	66	86	76	66	86	76	66	
50													50
55													55
60	221,300			215,700									60
65	200,300			197,700									65
70	183,100			180,900			179,800						70
75	168,200			166,100			165,100			163,300			75
80	155,200			153,200			152,100			151,000			80
85	143,900			141,900			140,800			139,700			85
90	134,400			132,400			131,300			130,100			90
95	125,700	112,800		123,800			122,700			121,400			95
100	118,000	105,900		116,100	103,500		115,000			113,800			100
110	104,900	93,900		103,100	91,500		102,000			100,700			110
120		84,400		92,600	82,000		91,500	80,500		90,200			120
130		76,300	67,900		73,900	59,000	82,500	72,400		81,200	70,800		130
140			61,600		67,000		74,800	65,500		73,500	63,900		140
150			56,400		61,300	53,800	68,400	59,600		66,900	58,000		150
160						49,300		54,800	47,600	61,400	53,100		160
170									43,600		48,700	41,600	170
180									40,100		44,900	38,100	180
190									37,100		41,500	35,100	190
200												32,400	200
210													210
220													220
230													230
240													240
reeves	8			8			7			6			reeves
Load Radius (ft)	177ft (54m) Jib			197ft (60m) Jib			217ft (66m) Jib						Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)						
	86	76	66	86	76	66	86	76	66				
75													75
80	148,300												80
85	138,800												85
90	129,200			127,600									90
95	120,600			119,800			114,800						95
100	112,900			112,100			109,900						100
110	99,700			98,800			96,800						110
120	89,100			88,100			86,100						120
130	80,100	69,400		79,000			77,000						130
140	72,400	62,400		71,200	61,000		69,300						140
150	65,800	56,500		64,500	55,200		62,700						150
160	60,200	51,500		59,000	50,200		57,100	48,000					160
170	55,300	47,200		54,000	45,700		52,100	43,600					170
180	51,100	43,300	36,500	49,600	41,800		47,800	39,700					180
190	47,200	40,000	33,300	45,700	38,400		43,900	36,200					190
200		36,900	30,800	42,500	35,400	29,100	40,600	33,300					200
210			28,400		32,700	26,600	37,500 *	30,600	24,400				210
220			26,200		30,300	24,400	34,800 *	28,100	22,200				220
230						22,400		25,900	20,200				230
240						20,700		24,100	18,500				240
250									16,900				250
260									15,600				260
270													270
280													280
290													290
reeves	6			5			4						reeves

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator's cabin.



SL4500G

Luffing Jib Lifting Capacities

Unit: lbs

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs

138ft (42m) Boom

Load Radius (ft)	98ft (30m) Jib			118ft (36m) Jib			138ft (42m) Jib			157ft (48m) Jib			Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			
	86	76	66	86	76	66	86	76	66	86	76	66	
50	215,600	101,100	56,200	179,100	78,600	44,900	176,600	77,200	39,400	160,400	66,800	33,500	50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100	89,700	80,400	51,100	114,800	70,700	41,200	113,800	52,100	33,300	60,200	28,300	100	
110												110	
120												120	
130												130	
140												140	
150												150	
160												160	
170												170	
180												180	
190												190	
200	26,200											200	
210												210	
220												220	
230												230	
240												240	
reeves	8			7			7			6			reeves

Load Radius (ft)	177ft (54m) Jib			197ft (60m) Jib			217ft (66m) Jib						Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)						
	86	76	66	86	76	66	86	76	66				
75													75
80	145,500												80
85	136,300												85
90	126,900			125,100									90
95	118,300			117,500			113,500						95
100	110,800			109,900			107,900						100
110	97,700			96,800			94,800						110
120	87,300			86,200			84,200						120
130	78,300			77,200			75,300						130
140	70,600	58,900		69,500			67,700						140
150	64,200	53,200		63,100			61,200						150
160	58,800	48,400		57,500	47,000		55,700	44,800					160
170	53,900	44,200		52,700	42,700		50,800	40,600					170
180	48,800	40,400		48,500	38,900		46,500	36,900					180
190	42,200	37,100		44,600	35,500		42,600	33,600					190
200		34,200	26,600	41,200	32,700	24,800	39,400	30,700					200
210		31,700	24,400		30,100	22,700	36,400	28,100	20,400				210
220			22,500		27,900	20,700	33,700 *	25,600	18,500				220
230						18,900		23,500	16,600				230
240						17,200		21,600	15,000				240
250						15,700		20,000	13,500				250
260													260
270													270
280													280
290													290
reeves	6			5			4						reeves

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.



LIFTING CAPACITIES

Luffing Jib Lifting Capacities

Unit: lbs

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs

157ft (48m) Boom

Load Radius (ft)	98ft (30m) Jib			118ft (36m) Jib			138ft (42m) Jib			157ft (48m) Jib			Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			
	86	76	66	86	76	66	86	76	66	86	76	66	
50	215,300	97,200		176,100	75,400	40,800	159,900	65,600	34,900	147,100	57,400		50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100	101,800	77,100	113,700	90,300	51,200	98,900	49,100	26,900	110,600	47,400	29,800	100	
110												110	
120												120	
130												130	
140												140	
150												150	
160												160	
170												170	
180												180	
190												190	
200									33,900	39,800	24,900	21,000	200
210													210
220													220
230													230
240													240
reeves	8			7			6			6			reeves

Load Radius (ft)	177ft (54m) Jib			197ft (60m) Jib			217ft (66m) Jib						Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)						
	86	76	66	86	76	66	86	76	66				
75													75
80	142,900												80
85	133,900												85
90	124,600			122,800									90
95	116,200			115,400			111,300						95
100	108,800			107,900			105,900						100
110	95,900			95,000			93,000						110
120	85,500			84,600			82,600						120
130	76,700			75,700			73,800						130
140	69,100	55,200		68,000			66,200						140
150	62,700	49,800		61,600			59,800						150
160	57,400	45,200		56,300	43,800		54,400						160
170	52,700	41,200		51,500	39,800		49,500	37,700					170
180	48,500	37,600		47,100	36,100		45,200	34,100					180
190	44,800	34,400		43,300	32,900		41,500	30,900					190
200		31,700	22,600	40,100	30,200		38,300	28,000					200
210		29,300	20,600		27,700	18,800	35,300	25,500					210
220			18,800		25,500	17,000	32,600 *	23,300					220
230			17,100			15,300		21,300					230
240			15,800			13,800		19,400					240
250						12,400		17,800					250
260													260
270													270
280													280
290													290
reeves	5			5			4						reeves

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.



SL4500G

Luffing Jib Lifting Capacities

Unit: lbs

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs

177ft (54m) Boom

Load Radius Radius (ft)	98ft (30m) Jib			118ft (36m) Jib			138ft (42m) Jib			157ft (48m) Jib			Load Radius Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			
	86	76	66	86	76	66	86	76	66	86	76	66	
50	175,000 161,200 148,700 137,700 128,400 120,000 112,600 99,800			174,200 160,200 147,600 136,600 127,300 118,900 111,500 98,900 88,700 80,000			153,500 146,900 136,000 126,600 118,200 110,800 98,000 87,800 79,100 71,600 65,300			140,400 131,700 122,400 114,000 106,700 94,100 83,900 75,100 67,600 61,400 56,100 52,000			50
55													55
60													60
65													65
70													70
75													75
80													80
85													85
90													90
95													95
100												100	
110		73,000											110
120		65,700			63,900		79,100	62,600		75,100			120
130		59,400			57,700		71,600	56,300		67,600	53,500		130
140		54,200			52,500		51,100	51,100		61,400	46,500		140
150			37,800		48,000			46,700		56,100	42,000		150
160			34,600			32,500		42,700		52,000	38,100		160
170								42,700					170
180						29,700		39,200	28,100		34,600		180
190						27,400		36,200	25,600		31,600		190
200									23,400		29,000		200
210									21,600				210
220													220
230													230
240													240
reeves	7			7			6			5			reeves

Load Radius Radius (ft)	177ft (54m) Jib			197ft (60m) Jib			217ft (66m) Jib						Load Radius Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)						
	86	76	66	86	76	66	86	76	66				
75													75
80													80
85													85
90	122,400			120,300									90
95	114,000			113,400			109,100						95
100	106,700			106,000			104,000						100
110	94,100			93,200			91,200						110
120	83,900			82,800			80,900						120
130	75,100			74,100			72,100						130
140	67,600			66,700			64,700						140
150	61,400			60,300			58,300						150
160	56,100	42,000		55,000	40,500		53,000						160
170	51,400	38,100		50,200	36,600		48,300	34,400					170
180	47,200	34,600		45,900	33,200		44,100	31,100					180
190	43,500	31,600		42,200	30,000		40,400	28,000					190
200		29,000		39,000	27,500		37,200	25,300					200
210		26,700			25,100		34,200 *	23,000					210
220					22,900		31,500 *	20,900					220
230					21,100			18,900					230
240					19,400			17,200					240
250								15,600					250
260													260
270													270
280													280
290													290
reeves	5			5			4						reeves

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.



LIFTING CAPACITIES

Luffing Jib Lifting Capacities													
													Unit: lbs
Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs													
197ft (60m) Boom													
Load Radius (ft)	118ft (36m) Jib			138ft (42m) Jib			157ft (48m) Jib			177ft (54m) Jib			Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			
	86	76	66	86	76	66	86	76	66	86	76	66	
50													50
55													55
60													60
65													65
70	156,500 *												70
75	152,700 *			152,500 *									75
80	144,900 *			144,500 *			139,800 *						80
85	134,200 *			133,500 *			131,200 *						85
90	125,000 *			124,400 *			122,200 *			120,100 *			90
95	116,800 *			116,100 *			113,900 *			113,300 *			95
100	109,500 *			108,900			106,700			106,000			100
110	96,900 *			96,300			94,100			93,400			110
120	86,900			86,100			84,000			83,200			120
130	78,300 *	59,700		77,400			75,400			74,500			130
140		53,700		70,000	52,400		68,000	49,800		67,100			140
150		48,700		63,800	47,400		61,800	44,900		60,900			150
160		44,600			43,100		56,500	40,700		55,600	39,300		160
170			24,900		39,400		51,900	37,000		50,900	35,600		170
180					36,200			33,700		46,700	32,400		180
190			22,500		33,300			30,700		43,000	29,600		190
200			20,600			18,900		28,300			27,000		200
210						17,300					24,700		210
220											22,700		220
230													230
240													240
reeves	6			6			5			5			reeves
Load Radius (ft)	197ft (60m) Jib			217ft (66m) Jib									Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)									
	86	76	66	86	76	66							
75													75
80													80
85													85
90													90
95	108,500 *												95
100	103,800			99,700									100
110	91,200			90,300									110
120	81,000			80,600									120
130	72,400			71,900									130
140	65,100			64,500									140
150	58,700			58,100									150
160	53,600			52,800									160
170	48,900	33,200		48,100	32,100								170
180	44,800	30,000		43,900	28,900								180
190	41,100	27,100		40,200	26,000								190
200	37,900	24,600		37,000 *	23,500								200
210	35,000 *	22,300		34,000 *	21,200								210
220		20,300		28,400 *	19,200								220
230		18,400			17,300								230
240		16,900			15,600								240
250					14,100								250
260					12,700								260
270													270
280													280
290													290
reeves	4			4									reeves

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator's cabin.



SL4500G

Luffing Jib Lifting Capacities

Unit: lbs

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs

217ft (66m) Boom

Load Radius Radius (ft)	118ft (36m) Jib			138ft (42m) Jib			157ft (48m) Jib			177ft (54m) Jib			Load Radius Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			
	86	76	66	86	76	66	86	76	66	86	76	66	
50													50
55													55
60													60
65													65
70	156,300 *												70
75	150,600 *			149,400 *									75
80	140,700 *			139,900 *			125,200 *						80
85	131,700 *			131,000 *			125,200 *						85
90	122,800 *			122,100 *			119,000 *			116,900 *			90
95	114,600 *			113,900 *			111,700 *			111,100 *			95
100	107,400 *			106,700 *			104,500 *			103,800 *			100
110	95,100 *			94,200 *			92,200 *			91,600 *			110
120	85,100 *			84,200 *			82,200 *			81,400 *			120
130	76,600 *	55,500		75,700 *			73,700 *			72,900 *			130
140		49,800		68,500 *	48,300		66,500 *			65,600 *			140
150		44,900		62,200 *	43,600		60,300 *			59,400 *			150
160		41,000			39,700		55,100 *	37,000		54,200 *	35,700		160
170		37,500			36,100		50,600 *	33,500		49,600 *	32,200		170
180			19,700		32,900			30,400		45,500 *	29,200		180
190			17,600		30,200			27,600		41,900 *	26,500		190
200			16,000					25,400			24,100		200
210			14,500					23,300			21,900		210
220											19,900		220
230													230
240													240
reeves	6			6			5			5			reeves

Load Radius (ft)	197ft (60m) Jib			217ft (66m) Jib									Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)									
	86	76	66	86	76	66							
75													75
80													80
85													85
90													90
95	103,900 *												95
100	101,200 *			89,200 *									100
110	90,700 *			84,800 *									110
120	80,800 *			77,800 *									120
130	72,100 *			70,200 *									130
140	64,700 *			63,000 *									140
150	58,500 *			56,700 *									150
160	53,400 *			51,400 *									160
170	48,700 *	30,900		46,700 *									170
180	44,500 *	27,800		42,600 *	25,600								180
190	40,800 *	24,900		39,100 *	22,700								190
200	37,600 *	22,600		35,900 *	20,400								200
210	34,800 *	20,400		33,000 *	18,200								210
220		18,500		29,500 *	16,300								220
230		16,700			14,700								230
240		15,100			13,000								240
250		13,800			11,500								250
260													260
270													270
280													280
290													290
reeves	4			4									reeves

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

Luffing Jib Lifting Capacities

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs

Load Radius (ft)	118ft (36m) Jib			138ft (42m) Jib			157ft (48m) Jib			177ft (54m) Jib			Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			
	86	76	66	86	76	66	86	76	66	86	76	66	
50													50
55													55
60													60
65													65
70													70
75	122,600 *			121,400 *									75
80	114,700 *			113,700 *			111,700 *						80
85	107,300 *			106,400 *			105,300 *						85
90	100,900 *			100,000 *			99,000 *			97,500 *			90
95	94,900 *			94,100 *			93,300 *			92,000 *			95
100	89,500 *			88,800 *			88,000 *			86,900 *			100
110	79,900 *			79,300 *			78,800 *			77,700 *			110
120	71,600 *			71,200 *			70,900 *			70,000 *			120
130	64,200 *			64,200 *			64,100 *			63,200 *			130
140		46,600		58,000 *	45,200		58,100 *			57,200 *			140
150		42,000		52,300 *	40,700		52,700 *			52,000 *			150
160		38,100			36,900		48,100 *	34,300		47,400 *			160
170		34,700			33,500		43,600 *	31,000		43,200 *	29,800		170
180					30,500			28,100		39,300 *	26,800		180
190					27,800			25,400		35,800 *	24,300		190
200					25,600			23,200			21,900		200
210								21,200			19,900		210
220											18,100		220
230													230
240													240
reeves	5			5			4			4			reeves

STD Luffing jib combination which is needed 22,050 lbs additional weights.

[illegible]

HEAVY LIFT SUPER HEVY LIFT

BOOM AND JIB ARRANGEMENTS

Luffing Boom Arrangements for Crane

Boom length ft (m)	Boom arrangement
98 (30)	
118 (36)	※
138 (42)	※
157 (48)	※
177 (54)	※
197 (60)	※
217 (66)	※
236 (72)	※
256 (78)	※
276 (84)	※

Symbol	Boom Length	Remarks
	29.5 ft (9.0 m)	Boom Base
	25.6 ft (7.8 m)	Tapered Boom
	19.7 ft (6.0 m)	Insert Boom
	39.4 ft (12.0 m)	Insert Boom
	3.9 ft (1.2 m)	Boom Top

※ indicates the most flexible combination of insert luffing booms, which can be modified to form all shorter luffing boom arrangements.

※ Actual lengths of boom sections are metric such as 3m, 6m and 12m. The value shown above or in the chart are approximate conversions to feet.

Luffing Boom Arrangements for Luffing

Boom length ft (m)	Boom arrangement
98 (30)	
118 (36)	※
138 (42)	※
157 (48)	※
177 (54)	※
197 (60)	※
217 (66)	※
236 (72)	※
256 (78)	※
276 (84)	※

Symbol	Boom Length	Remarks
	29.5 ft (9.0 m)	Boom Base
	25.6 ft (7.8 m)	Tapered Boom
	19.7 ft (6.0 m)	Insert Boom
	39.4 ft (12.0 m)	Insert Boom
	3.9 ft (1.2 m)	Boom Top

※ indicates the most flexible combination of insert luffing booms, which can be modified to form all shorter luffing boom arrangements.

※ Actual lengths of boom sections are metric such as 3m, 6m and 12m. The value shown above or in the chart are approximate conversions to feet.

Luffing Jib Arrangements

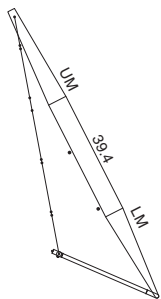
Jib length ft (m)	Jib arrangement
79 (24)	
98 (30)	※
118 (36)	※
138 (42)	※
157 (48)	※
177 (54)	※
197 (60)	※
217 (66)	※

Symbol	Jib Length	Remarks
	29.5ft (9.0 m)	Jib Base
	19.7ft (6.0 m)	Luffing Insert Jib
	39.4ft (12.0 m)	Luffing Insert Jib
	29.5ft (9.0 m)	Jib Top

※ indicates the most flexible combination of insert luffing jibs, which can be modified to form all shorter luffing jib arrangements.

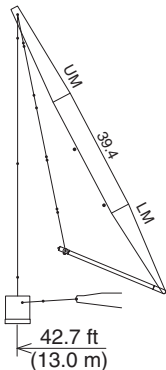
※ Actual lengths of boom sections are metric such as 3m, 6m and 12m. The value shown above or in the chart are approximate conversions to feet.

HL MAST



Symbol	Mast Length	Remarks
	29.5 ft (9.0 m)	HL Mast Base
	39.4 ft (12.0 m)	HL Insert Mast
	29.5 ft (9.0 m)	HL Mast Top

SHL MAST

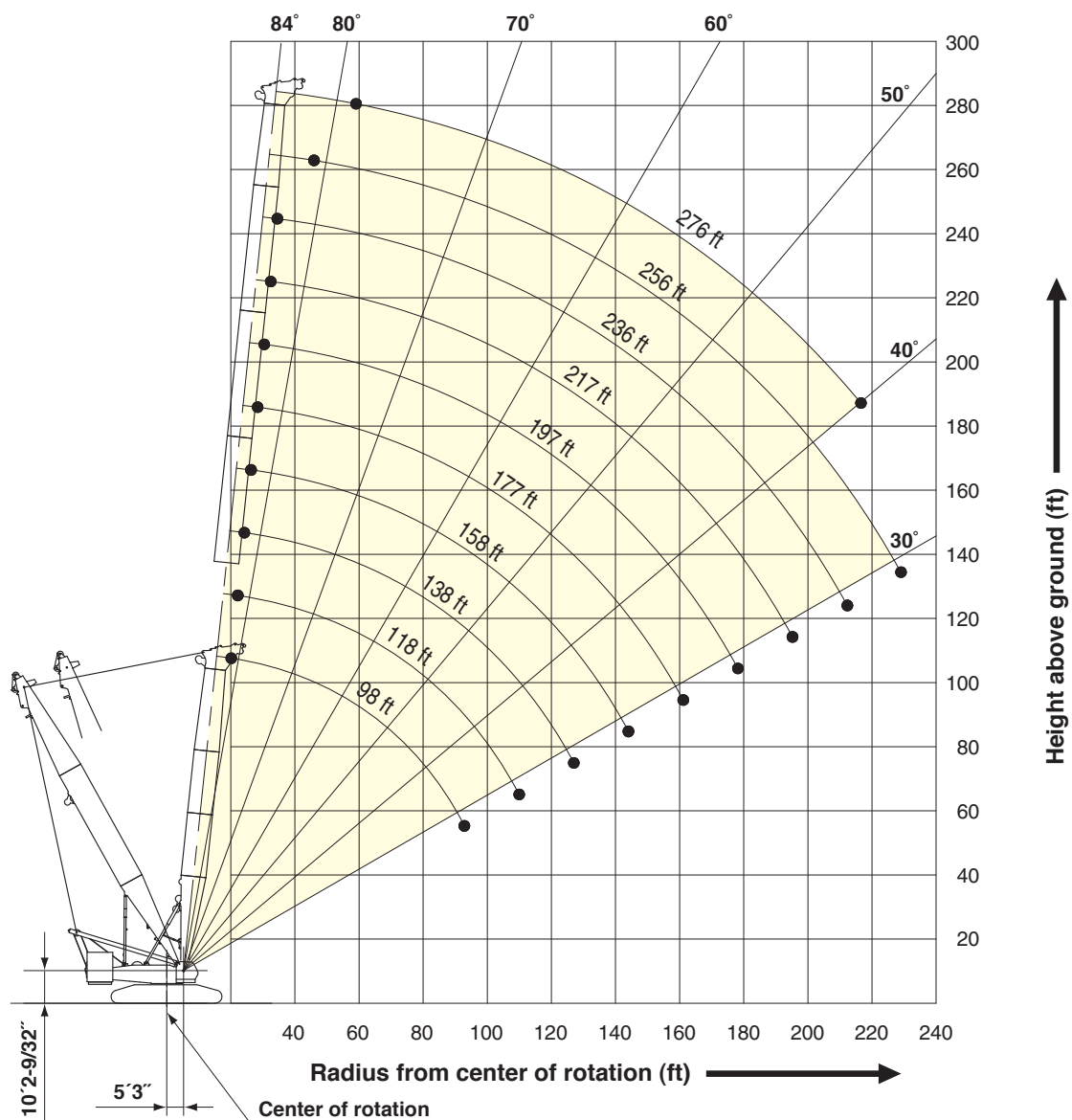


Symbol	Mast Length	Remarks
	29.5 ft (9.0 m)	HL Mast Base
	39.4 ft (12.0 m)	HL Insert Mast
	29.5 ft (9.0 m)	HL Mast Top

HEAVY LIFT

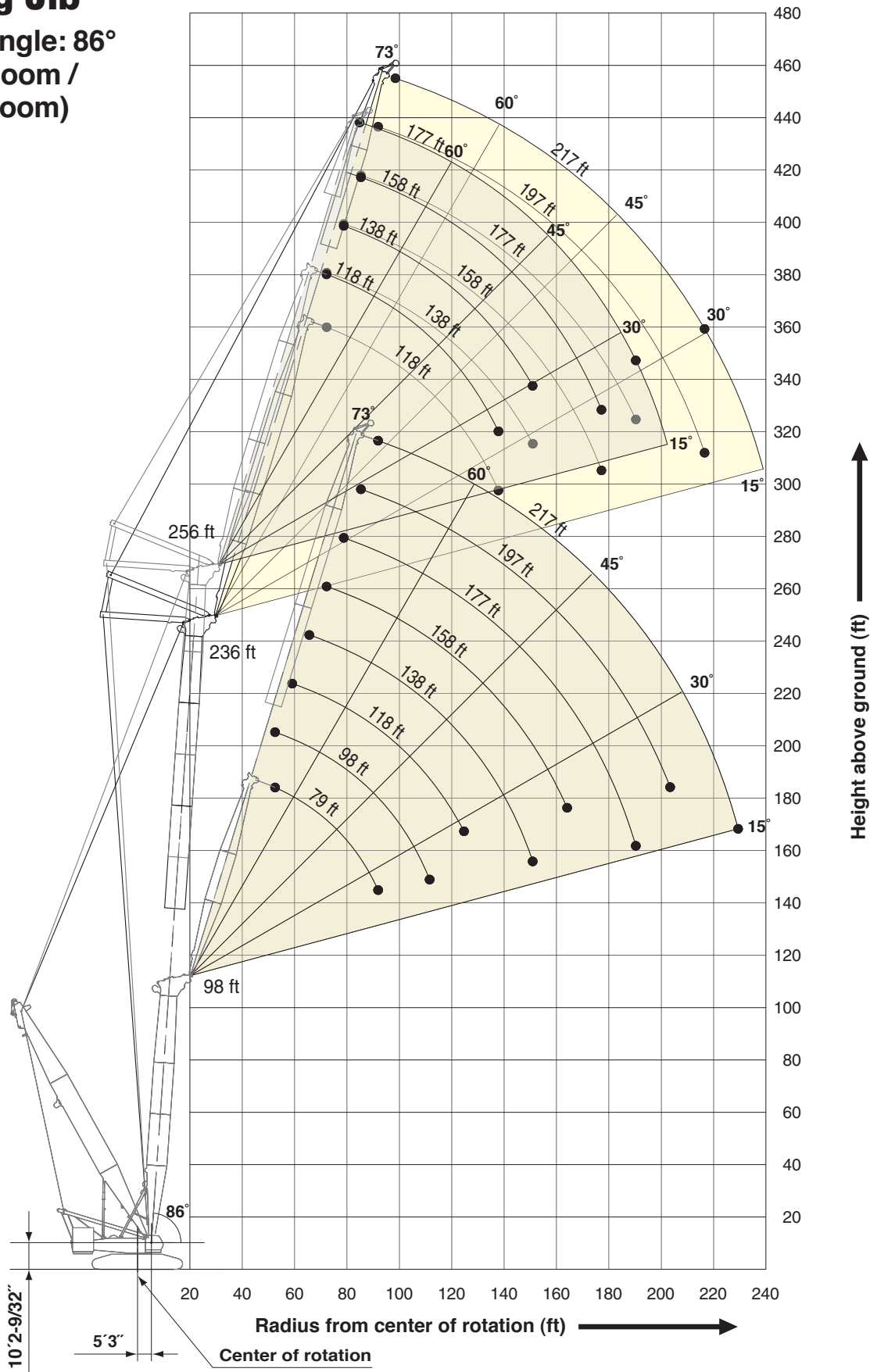
WORKING RANGES

Luffing Boom



Luffing Jib

Boom Angle: 86°
(236 ft Boom /
256 ft Boom)

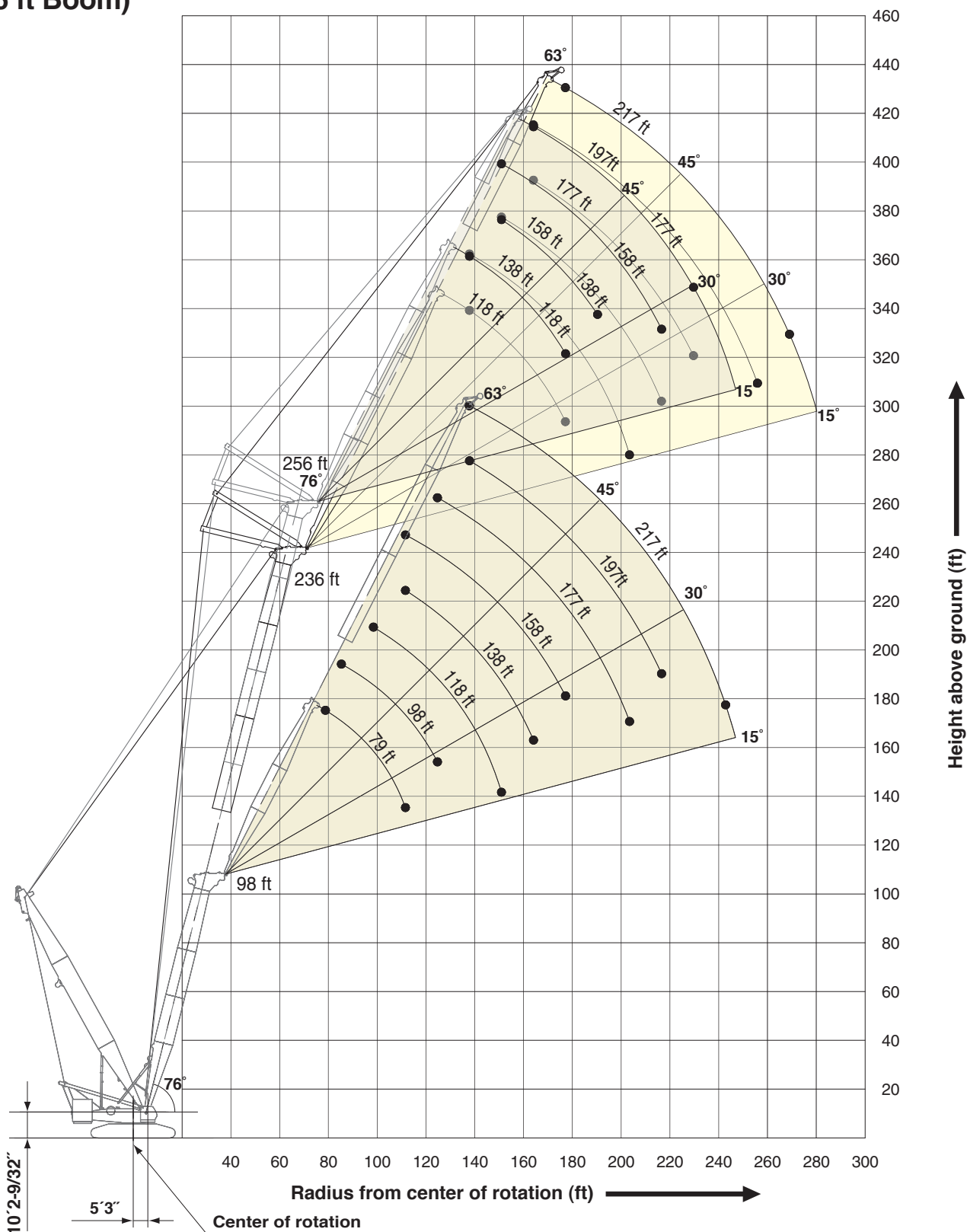


WORKING RANGES

Luffing Jib

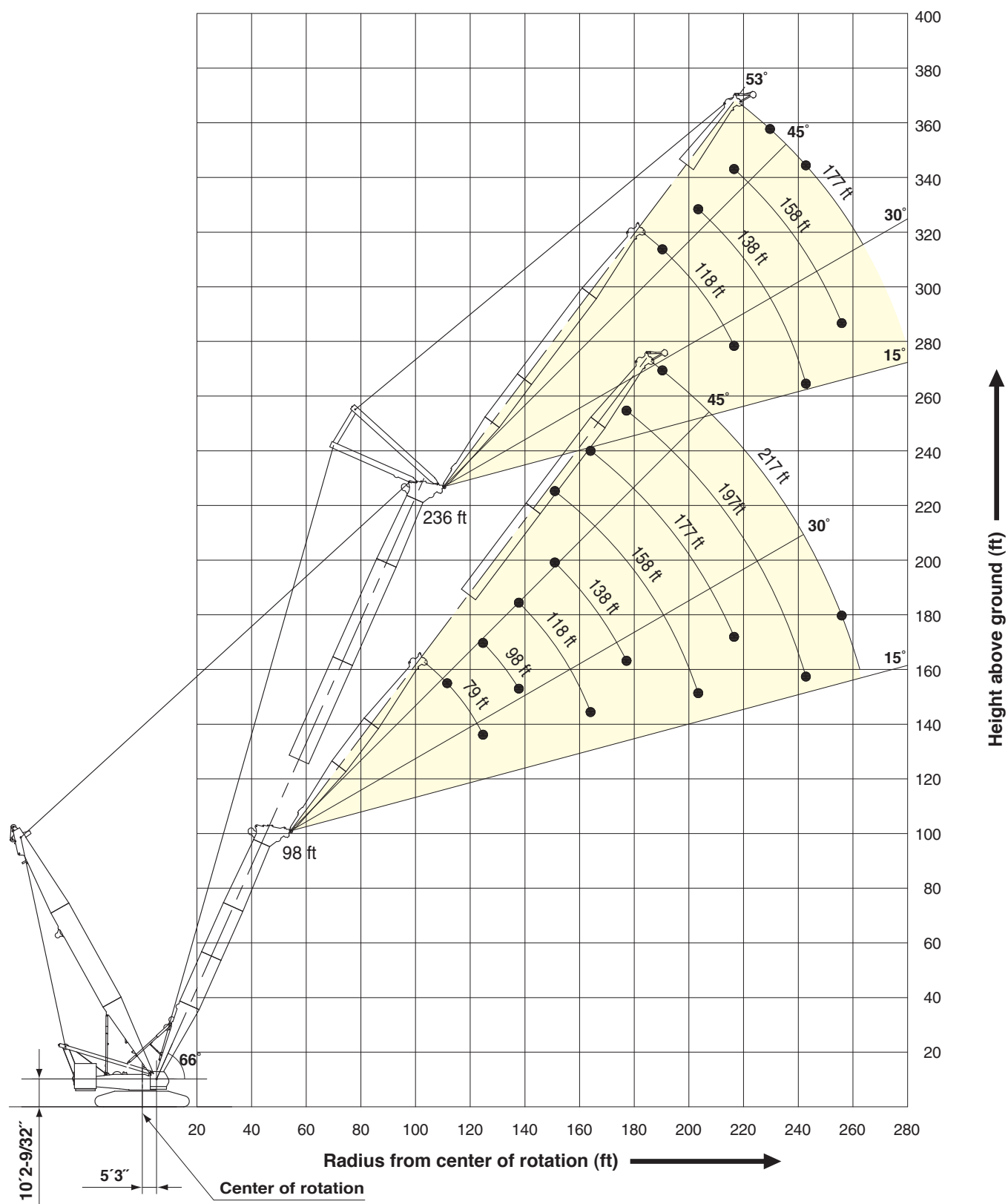
Boom Angle: 76°

(236 ft Boom /
256 ft Boom)



Luffing Jib

Boom Angle: 66°





LIFTING CAPACITIES

Luffing Boom Lifting Capacities											
Heavy Lift Mast Point Radius: 31.2 ft, 45.0 ft											
Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs											
98ft (30m) Boom			118ft (36m) Boom			138ft (42m) Boom			157ft (48m) Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
20.0	84.0	831,100 *	22.3	83.9	831,100 *	24.3	84.0	798,200 *	26.2	84.0	723,900 *
22.0	82.9	826,900 *	24.0	83.1	794,100 *	26.0	83.3	730,500 *	28.0	83.4	668,800 *
24.0	81.7	794,300 *	26.0	82.1	730,300 *	28.0	82.4	669,900 *	30.0	82.6	613,300 *
26.0	80.5	730,800 *	28.0	81.1	671,300 *	30.0	81.6	614,400 *	32.0	81.9	567,000 *
28.0	79.3	672,100 *	30.0	80.1	615,700 *	32.0	80.7	568,100 *	34.0	81.2	529,600 *
30.0	78.1	616,600 *	32.0	79.1	569,400 *	34.0	79.9	530,800 *	36.0	80.4	494,400 *
32.0	76.9	570,200 *	34.0	78.1	532,100 *	36.0	79.0	495,700 *	38.0	79.7	460,900 *
34.0	75.7	532,800 *	36.0	77.1	497,000 *	38.0	78.2	462,200 *	40.0	78.9	432,300 *
36.0	74.5	497,700 *	38.0	76.1	463,600 *	40.0	77.3	433,600 *	45.0	77.1	372,700 *
38.0	73.3	464,300 *	40.0	75.1	435,100 *	45.0	75.2	374,000 *	50.0	75.2	327,500 *
40.0	72.0	435,700 *	45.0	72.6	375,400 *	50.0	73.0	328,700 *	55.0	73.3	290,200 *
45.0	68.9	376,000 *	50.0	70.0	330,200 *	55.0	70.8	291,400 *	60.0	71.3	259,500 *
50.0	65.7	330,800 *	55.0	67.3	292,900 *	60.0	68.5	260,800 *	65.0	69.4	234,500 *
55.0	62.3	293,500 *	60.0	64.6	262,100 *	65.0	66.2	235,800 *	70.0	67.4	211,900 *
60.0	58.9	262,800 *	65.0	61.9	237,100 *	70.0	63.9	213,800 *	75.0	65.4	192,000 *
65.0	55.3	237,800 *	70.0	59.0	215,800 *	75.0	61.5	194,200 *	80.0	63.3	174,700 *
70.0	51.6	217,300 *	75.0	56.1	196,700 *	80.0	59.1	177,100 *	85.0	61.3	160,000 *
75.0	47.6	198,500 *	80.0	53.0	179,700 *	85.0	56.6	162,400 *	90.0	59.1	147,700 *
80.0	43.3	181,600 *	85.0	49.8	165,100 *	90.0	54.0	150,100 *	95.0	56.9	136,600 *
85.0	38.6	167,200 *	90.0	46.4	152,900 *	95.0	51.3	139,100 *	100.0	54.7	126,700 *
90.0	33.3	155,200 *	95.0	42.8	142,000 *	100.0	48.5	129,400 *	110.0	50.0	110,400 *
93.0	30.0	149,900 *	100.0	38.9	132,400 *	110.0	42.5	113,400 *	120.0	44.9	97,300 *
			110.0	30.0	117,500 *	120.0	35.6	100,400 *	130.0	39.3	86,700 *
						127.0	30.0	93,600 *	140.0	32.9	78,400 *
									144.0	30.0	75,600 *
reeves			reeves			reeves			reeves		
32(2x16)			32(2x16)			32(2x16)			28(2x14)		
177ft (54m) Boom			197ft (60m) Boom			217ft (66m) Boom			236ft (72m) Boom		
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)
28.2	84.0	635,800 *	30.5	84.0	550,000 *	32.5	84.0	493,800 *	34.4	84.0	434,500 *
30.0	83.5	608,300 *	32.0	83.5	533,700 *	34.0	83.6	476,400 *	36.0	83.6	422,100 *
32.0	82.8	564,400 *	34.0	82.9	509,700 *	36.0	83.1	452,600 *	38.0	83.1	408,100 *
34.0	82.1	528,000 *	36.0	82.4	480,000 *	38.0	82.5	430,300 *	40.0	82.7	394,400 *
36.0	81.5	492,800 *	38.0	81.8	451,900 *	40.0	82.0	410,700 *	45.0	81.4	349,300 *
38.0	80.8	459,300 *	40.0	81.2	427,000 *	45.0	80.6	362,700 *	50.0	80.2	313,200 *
40.0	80.2	430,700 *	45.0	79.7	369,300 *	50.0	79.3	321,400 *	55.0	79.0	281,400 *
45.0	78.5	371,000 *	50.0	78.2	324,300 *	55.0	77.9	285,300 *	60.0	77.7	252,500 *
50.0	76.9	325,800 *	55.0	76.7	287,000 *	60.0	76.6	254,400 *	65.0	76.5	224,900 *
55.0	75.2	288,600 *	60.0	75.2	256,200 *	65.0	75.2	227,300 *	70.0	75.2	201,800 *
60.0	73.5	257,900 *	65.0	73.7	230,000 *	70.0	73.8	204,200 *	75.0	73.9	181,500 *
65.0	71.8	232,100 *	70.0	72.1	207,000 *	75.0	72.4	184,000 *	80.0	72.7	164,000 *
70.0	70.1	209,400 *	75.0	70.6	186,800 *	80.0	71.0	166,500 *	85.0	71.4	149,100 *
75.0	68.3	189,400 *	80.0	69.0	169,400 *	85.0	69.6	151,600 *	90.0	70.1	136,600 *
80.0	66.5	172,100 *	85.0	67.4	154,500 *	90.0	68.2	139,200 *	95.0	68.8	125,400 *
85.0	64.7	157,100 *	90.0	65.8	142,200 *	95.0	66.7	128,100 *	100.0	67.5	115,400 *
90.0	62.9	144,800 *	95.0	64.2	131,000 *	100.0	65.3	118,200 *	110.0	64.8	98,800 *
95.0	61.1	133,800 *	100.0	62.6	121,000 *	110.0	62.3	101,600 *	120.0	62.1	85,200 *
100.0	59.2	123,900 *	110.0	59.2	104,500 *	120.0	59.2	88,100 *	130.0	59.2	74,300 *
110.0	55.3	107,300 *	120.0	55.7	91,400 *	130.0	56.0	77,100 *	140.0	56.3	65,200 *
120.0	51.1	94,200 *	130.0	52.0	80,300 *	140.0	52.7	68,200 *	150.0	53.3	57,200 *
130.0	46.7	83,400 *	140.0	48.2	71,500 *	150.0	49.3	60,500 *	160.0	50.2	50,400 *
140.0	42.0	74,700 *	150.0	44.0	63,900 *	160.0	45.6	54,000 *	170.0	46.9	44,400 *
150.0	36.7	67,300 *	160.0	39.5	57,600 *	170.0	41.7	48,300 *	180.0	43.4	39,300 *
160.0	30.7	61,200 *	170.0	34.5	52,200 *	180.0	37.4	43,300 *	190.0	39.7	34,900 *
161.0	30.0	61,000 *	178.0	30.0	48,900 *	190.0	32.7	39,300 *	200.0	35.6	31,200 *
						195.0	30.0	37,600 *	210.0	31.0	28,200 *
									212.0	30.0	27,900 *
reeves			reeves			reeves			reeves		
24(2x12)			20(2x10)			20(2x10)			16(2x8)		

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator's cabin. Loads enclosed in bold lines in the table require double-drum specifications.



SL4500G

Luffing Boom Lifting Capacities

Heavy Lift Mast Point Radius: 31.2 ft, 45.0 ft

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs

256ft (78m) Boom			276ft (84m) Boom								
Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)	Load Radius (ft)	Boom Angle (deg.)	360° Rated Load (lbs)						
45.9	81.9	330,400	59.1	79.7	244,700						
50.0	81.0	302,000	60.0	79.5	239,500						
55.0	79.8	272,600	65.0	78.4	218,800						
60.0	78.7	246,800	70.0	77.4	196,300						
65.0	77.5	222,000	75.0	76.3	176,000						
70.0	76.4	199,000	80.0	75.2	158,500						
75.0	75.2	178,700	85.0	74.1	143,600						
80.0	74.0	161,300	90.0	73.0	130,900						
85.0	72.9	146,200	95.0	72.0	119,600						
90.0	71.7	133,700	100.0	70.8	109,500						
95.0	70.5	122,500	110.0	68.6	92,900						
100.0	69.3	112,400	120.0	66.4	79,200						
110.0	66.9	95,800	130.0	64.0	68,100						
120.0	64.4	82,100	140.0	61.7	58,600						
130.0	61.9	71,000	150.0	59.3	50,100						
140.0	59.3	61,900	160.0	56.8	42,600						
150.0	56.6	53,700	170.0	54.2	36,300						
160.0	53.8	46,400	180.0	51.6	31,000						
170.0	51.0	40,200	190.0	48.9	26,300						
180.0	48.0	35,000	200.0	46.0	22,200						
190.0	44.8	30,400	210.0	43.0	18,700						
200.0	41.5	26,500	217.0	40.9	17,000						
210.0	37.9	23,100									
220.0	34.0	20,500									
229.0	30.1	18,700									
reeves			reeves								
12(2x6)			12(2x6)								

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.
Loads enclosed in bold lines in the table require double-drum specifications.



LIFTING CAPACITIES

Luffing Jib Lifting Capacities													
													Unit: lbs
Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs													
98ft (30m) Boom													
Load Radius (ft)	79ft (24m) Jib			98ft (30m) Jib			118ft (36m) Jib			138ft (42m) Jib			Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			
	86	76	66	86	76	66	86	76	66	86	76	66	
52.5	250,200 *			250,200 *									52.5
55	248,200 *			245,400 *									55
60	242,100 *			235,000 *			228,500 *						60
65	226,500 *			221,400 *			215,000 *						65
70	212,100 *			206,500 *			201,600 *			197,300 *			70
75	198,300 *			192,900 *			188,300 *			185,000 *			75
80	184,200 *	173,600		180,800 *			175,800 *			172,200 *			80
85	168,200 *	160,400		169,500 *			164,900 *			160,900 *			85
90	154,000 *	149,100		157,500 *	148,000		155,400			151,100 *			90
95		139,100		145,700 *	138,100		145,500			142,300			95
100		130,300		134,800 *	129,500		135,800 *	127,900		134,000			100
110		115,400		116,300 *	114,700		117,600 *	113,100		117,600 *			110
120					102,900		103,500 *	101,300		103,400 *	100,400		120
130								91,400		91,300 *	90,500		130
140								83,100		81,300 *	82,200		140
150								76,000	75,900	73,200 *	75,100		150
160									64,100		69,300	62,900	160
170												58,100	170
180													180
190													190
200													200
210													210
220													220
230													230
240													240
reeves	9			9			9			7			reeves
Load Radius (ft)	157ft (48m) Jib			177ft (54m) Jib			197ft (60m) Jib			217ft (66m) Jib			Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			
	86	76	66	86	76	66	86	76	66	86	76	66	
75	177,600 *												75
80	168,800 *			155,600 *									80
85	157,200 *			149,600 *									85
90	147,200 *			142,700 *			130,600 *						90
95	138,100 *			134,700 *			125,700 *			114,200 *			95
100	130,000 *			126,400 *			120,500 *			110,000 *			100
110	115,900 *			112,000 *			107,700 *			102,100 *			110
120	102,900 *	99,300		100,400 *			96,100 *			91,800 *			120
130	91,300 *	89,400		90,100 *	88,100		85,900 *			81,800 *			130
140	81,200 *	81,100		80,800 *	80,000		77,000 *	78,900		72,800 *	76,300		140
150	72,800 *	74,000		72,400 *	72,900		69,400 *	72,000		65,000 *	70,400		150
160	65,800 *	68,000	61,600	65,300 *	67,100		63,200 *	66,000		58,500 *	64,600		160
170		62,800	56,800	59,200 *	61,900	55,700	57,600 *	60,800		52,700 *	59,400		170
180			52,500	53,900 *	57,200	51,400	52,400 *	56,100	50,200	47,700 *	54,800		180
190			48,800	49,900 *	53,200	47,700	47,700 *	52,100	46,400	43,300 *	50,800		190
200			45,600		49,700	44,500	35,300 *	48,600	43,100	39,400 *	47,200	41,800	200
210						41,500		45,400	40,300	36,000 *	44,000	38,900	210
220									37,700	33,100 *	41,100	36,200	220
230									35,200		38,400	33,800	230
240									33,100		34,900	31,600	240
250												29,700	250
260													260
270													270
280													280
290													290
reeves	7			6			5			4			reeves

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator's cabin.



SL4500G

Luffing Jib Lifting Capacities

Unit: lbs

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs

118ft (36m) Boom

Load Radius (ft)	98ft (30m) Jib			118ft (36m) Jib			138ft (42m) Jib			157ft (48m) Jib			Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			
	86	76	66	86	76	66	86	76	66	86	76	66	
50													50
55													55
60	243,800 *			219,100 *									60
65	229,800 *			219,100 *									65
70	215,800 *			210,400 *			205,000 *						70
75	199,700 *			197,300 *			193,400 *			179,500 *			75
80	183,100			182,000			180,700 *			171,900 *			80
85	168,800			167,900			166,600 *			164,800 *			85
90	156,900			156,000			154,700			153,700 *			90
95	146,300	135,000		145,400			144,100			143,300			95
100	136,600	126,400		136,000	124,900		134,800			134,100			100
110	118,100 *	112,000		119,200	110,400		119,000			118,400			110
120		100,400		104,800 *	99,000		104,800 *	97,900		104,600			120
130		90,600	81,700		89,200		92,500 *	88,200		92,500 *	87,100		130
140			74,200		80,900	72,400	82,000 *	80,000		82,100 *	78,900		140
150			67,800		74,000	66,200	73,300 *	73,100		73,500 *	71,800		150
160						60,900		67,300	59,700	66,300 *	66,100		160
170									55,100		61,100	53,700	170
180									51,000		56,600	49,700	180
190									47,500		52,500	46,100	190
200												42,900	200
210													210
220													220
230													230
240													240
reeves	9			8			8			7			reeves

Load Radius Radius (ft)	177ft (54m) Jib			197ft (60m) Jib			217ft (66m) Jib						Load Radius Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)						
	86	76	66	86	76	66	86	76	66				
75													75
80	156,900 *												80
85	150,700 *												85
90	144,800 *			131,500 *									90
95	139,200			126,500 *			114,800 *						95
100	133,100			121,800			110,700 *						100
110	117,400			113,100			102,800 *						110
120	104,000			102,800			95,600 *						120
130	92,000 *	85,900		91,900 *			88,000 *						130
140	81,600 *	77,800		81,400 *	76,000		79,800 *						140
150	73,000 *	70,900		72,600 *	69,700		71,100 *						150
160	65,900 *	65,100		65,400 *	64,100		63,900 *	62,700					160
170	59,500 *	60,000		59,200 *	59,000		57,500 *	57,600					170
180	54,100 *	55,500	48,500	53,600 *	54,400		51,900 *	53,000					180
190	50,100 *	51,400	44,800	48,600 *	50,300		46,800 *	49,000					190
200		48,100	41,800	44,500 *	47,000	40,700	42,400 *	45,600					200
210			39,000		43,800	37,900	38,400 *	42,500	36,300				210
220			36,500		41,000	35,300	34,700 *	39,600	33,700				220
230						33,000		37,100	31,400				230
240						30,900		34,800	29,400				240
250									27,500				250
260									25,800				260
270													270
280													280
290													290
reeves	6			5			4						reeves

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.



LIFTING CAPACITIES

Luffing Jib Lifting Capacities													
													Unit: lbs
Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs													
138ft (42m) Boom													
Load Radius (ft)	98ft (30m) Jib			118ft (36m) Jib			138ft (42m) Jib			157ft (48m) Jib			Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			
	86	76	66	86	76	66	86	76	66	86	76	66	
50													50
55													55
60	248,100 *												60
65	237,000 *												65
70	217,700 *			211,600 *			208,000 *						70
75	199,000			198,000 *			195,000 *			181,000 *			75
80	182,400			181,400			180,000			173,100 *			80
85	168,100			167,200			165,900			164,700 *			85
90	156,200			155,300			154,000			153,100			90
95	145,600			144,700			143,400			142,600			95
100	136,200	123,400		135,500			134,100			133,500			100
110	119,800 *	109,300		119,900			118,400			117,700			110
120		97,900		106,000 *	96,200		105,300	95,100		105,200			120
130		88,300			86,700		93,500 *	85,600		93,600 *	84,500		130
140			70,500		78,700		82,900 *	77,600		82,900 *	76,500		140
150			64,400		72,000		74,000 *	70,900		74,200 *	69,800		150
160			59,500			57,500		65,200		66,800 *	64,100		160
170						53,100		60,300	51,900		59,100		170
180									47,900		54,600	46,600	180
190									44,600		50,800	43,300	190
200									41,700			40,200	200
210												37,500	210
220													220
230													230
240													240
reeves	9			8			8			7			reeves
Load Radius (ft)	177ft (54m) Jib			197ft (60m) Jib			217ft (66m) Jib						Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)						
	86	76	66	86	76	66	86	76	66				
75													75
80	155,500 *												80
85	151,800 *												85
90	145,900			132,400 *									90
95	139,500			127,400			115,600 *						95
100	132,400			122,700			111,300 *						100
110	116,800			113,800			103,300 *						110
120	104,300			103,200			96,100 *						120
130	93,000			92,500			89,200 *						130
140	82,600 *	75,600		82,400 *			82,000 *						140
150	73,700 *	68,700		73,500 *			73,100 *						150
160	66,400 *	63,000		66,100 *	62,200		65,400 *	60,100					160
170	59,900 *	58,100		59,600 *	57,100		58,600 *	55,700					170
180	54,300 *	53,700		53,900 *	52,600		52,700 *	51,300					180
190	49,500 *	49,700		49,000 *	48,800		47,500 *	47,200					190
200		46,500	39,100	44,800 *	45,400	37,800	43,100 *	43,900					200
210		43,500	36,400		42,300	35,100	39,100 *	40,800	33,600				210
220			34,000		39,400	32,700	35,300 *	38,100	31,200				220
230						30,500		35,600	29,000				230
240						28,500		33,400	27,000				240
250						26,700		31,500	25,100				250
260									23,400				260
270													270
280													280
290													290
reeves	6			5			4						reeves

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator's cabin.



SL4500G

Luffing Jib Lifting Capacities

Unit: lbs

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs

157ft (48m) Boom

Load Radius (ft)	98ft (30m) Jib			118ft (36m) Jib			138ft (42m) Jib			157ft (48m) Jib			Load Radius (ft)										
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)													
	86	76	66	86	76	66	86	76	66	86	76	66											
50	219,100 * 219,100 * 211,600 * 198,100 181,600 167,500 155,600 145,000 135,700 119,900	120,500 106,600 95,400 86,000		187,800 * 186,200 180,500 166,400 154,500 144,000 134,800 119,000 106,500 94,800 *	93,700 84,400 76,500 69,800 64,300	54,300 50,100 46,400 43,000	185,800 179,600 165,500 153,600 143,100 133,900 118,100 105,800 94,700 84,600 * 75,300 *	83,300 75,400 68,900 63,300 58,400	48,800 45,100 41,700 39,000	156,500 * 156,500 * 150,500 141,900 132,600 117,000 104,500 93,700 83,900 * 74,900 * 67,500 *	74,300 67,600 62,100 43,800 40,400 37,500 32,800												
55																							
60																							
65																							
70																							
75																							
80																							
85																							
90																							
95																							
100																							
110																							
120																							
130																							
140																							
150																							
160																							
170																							
180																							
190																							
200																							
210																							
220																							
230																							
240																							
reeves	8			7			7			6			reeves										

Load Radius Radius (ft)	177ft (54m) Jib			197ft (60m) Jib			217ft (66m) Jib						Load Radius Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)						
	86	76	66	86	76	66	86	76	66				
75													75
80	155,800												80
85	152,900												85
90	147,000			133,600									90
95	139,700			128,500			116,300 *						95
100	131,700			123,700			112,000 *						100
110	116,100			114,500			103,900 *						110
120	103,600			103,000			96,600						120
130	93,000			92,400			89,600						130
140	83,500 *	72,900		83,100 *			82,500						140
150	74,400 *	66,700		74,200 *			73,700						150
160	67,000 *	61,200		66,700 *	59,400		66,100 *						160
170	60,500 *	56,300		60,100 *	54,600		59,300 *	53,700					170
180	54,700 *	52,000		54,300 *	50,200		53,300 *	49,300					180
190	49,700 *	48,100		49,300 *	46,400		47,900 *	45,500					190
200		44,700	36,400	45,000 *	43,100		43,400 *	42,300					200
210		41,800	33,800		40,200	32,000	39,300 *	39,300					210
220			31,400		37,500	29,600	35,700 *	36,600	28,500				220
230			29,400			27,400		34,100	26,100				230
240			27,600			25,400		32,000	24,100				240
250						23,600		30,000	22,300				250
260									20,700				260
270									19,200				270
280									17,900				280
290													290
reeves	6			5			4						reeves

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.



LIFTING CAPACITIES

Luffing Jib Lifting Capacities													
													Unit: lbs
Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs													
177ft (54m) Boom													
Load Radius (ft)	98ft (30m) Jib			118ft (36m) Jib			138ft (42m) Jib			157ft (48m) Jib			Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			
	86	76	66	86	76	66	86	76	66	86	76	66	
50													50
55													55
60													60
65													65
70	187,800*			187,800 *									70
75	186,200			185,800			156,500 *						75
80	180,500			179,600			156,500 *			156,500 *			80
85	166,600			165,500			156,500 *			156,500 *			85
90	154,700			153,600			150,600			150,200			90
95	144,100			143,100			142,200			141,500			95
100	134,800			134,000			133,100			132,400			100
110	119,200			118,300			117,400			116,800			110
120		92,800		105,800			104,900			104,300			120
130		83,500		94,900	81,900		94,500	80,800		93,800			130
140		75,700			74,100		85,200 *	73,100		84,700	71,900		140
150		69,300			67,600		76,000 *	66,700		76,300	65,400		150
160			52,900		62,200			61,200		68,700 *	60,000		160
170			48,800			46,800		56,400		61,600 *	55,200		170
180						43,200		52,300	42,000		50,900		180
190						40,200		48,600	38,800		47,200		190
200									36,100		44,000	34,600	200
210									33,800			32,200	210
220												30,100	220
230													230
240													240
reeves	7			7			6			6			reeves
Load Radius (ft)	177ft (54m) Jib			197ft (60m) Jib			217ft (66m) Jib						Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)						
	86	76	66	86	76	66	86	76	66				
75													75
80													80
85													85
90	148,400			125,200 *									90
95	140,000			125,200 *			115,800 *						95
100	130,900			123,600			112,700 *						100
110	115,200			113,700			104,600 *						110
120	102,900			102,200			97,200						120
130	92,400			91,700			89,700						130
140	83,300			82,700			82,100						140
150	75,200			75,000			74,500						150
160	67,600 *	59,000		67,400 *	57,200		66,900 *						160
170	60,900 *	54,200		60,700 *	52,600		60,000 *	51,700					170
180	55,100 *	50,000		54,900 *	48,300		53,800 *	47,400					180
190	49,900 *	46,400		49,700 *	44,600		48,400 *	43,700					190
200		43,100		45,300 *	41,400		43,800 *	40,500					200
210		40,200	31,000		38,500	26,400	39,600 *	37,600					210
220			28,700		36,000		35,800 *	35,000					220
230			26,600		33,600	24,400		32,500	23,000				230
240			24,700		31,600	22,500		30,500	21,200				240
250			23,100			20,800		28,600	19,500				250
260						19,200			17,900				260
270									16,600				270
280									15,200				280
290									14,200				290
reeves	6			5			4						reeves

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator's cabin.



SL4500G

Luffing Jib Lifting Capacities

Unit: lbs

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs

197ft (60m) Boom

Load Radius (ft)	118ft (36m) Jib			138ft (42m) Jib			157ft (48m) Jib			177ft (54m) Jib			Load Radius (ft)	
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)				
	86	76	66	86	76	66	86	76	66	86	76	66		
55	156,500 *			156,500 *			156,500 *			125,200 *			55	
60													60	
65													65	
70													70	
75													75	
80													80	
85													85	
90													90	
95													95	
100													100	
110	79,100			93,800	70,400		69,100	62,900		56,700	52,000		110	
120													120	
130													130	
140													140	
150													150	
160													160	
170													170	
180													180	
190													190	
200													200	
210	39,900			46,600	50,100		48,900	45,300		56,400 *	44,400	27,400		210
220														220
230														230
240														240
250														250
reeves	6			6			6			5			reeves	

Load Radius (ft)	197ft (60m) Jib			217ft (66m) Jib									Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)									
	86	76	66	86	76	66							
75	122,300			106,700									75
80													80
85													85
90													90
95													95
100													100
110													110
120													120
130													130
140													140
150													150
160													160
170													170
180													180
190													190
200	200												
210	210												
220	220												
230	230												
240	240												
250	250												
260	260												
270	270												
280	280												
290	290												
reeves	5			4									reeves

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.



LIFTING CAPACITIES

Luffing Jib Lifting Capacities													
													Unit: lbs
Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs													
217ft (66m) Boom													
Load Radius (ft)	118ft (36m) Jib			138ft (42m) Jib			157ft (48m) Jib			177ft (54m) Jib			Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			
	86	76	66	86	76	66	86	76	66	86	76	66	
55													55
60													60
65													65
70	156,500 *												70
75	156,500 *			156,500 *									75
80	156,500 *			156,500 *			125,200 *						80
85	156,500 *			156,500 *			125,200 *						85
90	150,000 *			149,400 *			125,200 *			125,200 *			90
95	141,300 *			140,400			125,200 *			125,200 *			95
100	132,200			131,300			123,700			123,600			100
110	116,600			115,700			114,300			113,500			110
120	104,200			103,300			102,900			102,000			120
130	93,800	76,100		92,900			92,500			91,600			130
140		68,700		84,100	67,600		83,600			82,800			140
150		62,700		76,700	61,600		76,000			75,400			150
160		57,500			56,400		69,500	55,300		69,000	54,000		160
170		53,000			51,900		63,500 *	50,800		62,800	49,700		170
180			36,100		47,900			46,800		56,800 *	45,700		180
190			33,100		44,400			43,300		51,500 *	42,200		190
200			30,600			29,000		40,200			39,300		200
210			28,400			26,700		37,500	25,000		36,500		210
220						24,700			22,900		34,000	21,600	220
230									21,100			19,700	230
240									19,600			18,100	240
250												16,600	250
reeves	6			6			5			5			reeves
Load Radius (ft)	197ft (60m) Jib			217ft (66m) Jib									Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)									
	86	76	66	86	76	66							
75													75
80													80
85													85
90													90
95	111,600												95
100	110,400			93,900 *									100
110	107,700			93,900 *									110
120	99,900			90,700									120
130	90,900			86,200 *									130
140	82,100			80,400									140
150	74,700			73,100									150
160	68,500			67,000									160
170	62,600	48,800		60,900									170
180	56,800 *	44,800		55,000 *	43,300								180
190	51,500 *	41,300		49,300 *	39,700								190
200	46,900 *	38,200		44,500 *	36,700								200
210	43,200 *	35,400		39,400 *	33,900								210
220		32,900		33,800 *	31,400								220
230		30,700	18,200		29,200								230
240		28,700	16,500		27,200								240
250		27,000	15,100		25,200								250
260			13,700		23,400								260
270													270
280													280
290													290
reeves	4			4									reeves

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave. Please refer rated chart in operator's cabin.



SL4500G

Luffing Jib Lifting Capacities

Unit: lbs

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs

236ft (72m) Boom

Load Radius Radius (ft)	118ft (36m) Jib			138ft (42m) Jib			157ft (48m) Jib			177ft (54m) Jib			Load Radius Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			
	86	76	66	86	76	66	86	76	66	86	76	66	
55	156,500 * 154,700 * 147,400 * 139,600 * 132,000 * 124,900 * 112,000 * 100,900 * 90,700 *	67,200 61,100 56,200 51,800	27,900 25,700	144,400 * 143,500 * 140,100 * 136,300 * 131,100 * 125,000 * 112,400 * 101,500 * 91,900 * 83,300 * 75,400 *	65,500 59,600 54,600 50,200 46,300 42,800 39,900	23,500 21,600 20,000 18,600	125,200 * 125,200 * 124,500 * 121,200 * 116,700 * 108,800 * 100,700 * 92,100 * 83,400 * 76,000 * 64,000 *	53,400 49,000 45,100 41,700 38,800 36,200	19,900 18,200 16,700 15,400	112,300 * 109,000 * 105,600 * 98,700 * 91,900 * 85,500 * 73,700 * 68,100 * 62,700 * 47,400 40,200 34,400 32,100	47,400 43,500 40,200 37,100 34,400 14,700	16,200	
60													
65													
70													
75													
80													
85													
90													
95													
100													
110													
120													
130													
140													
150													
160													
170													
180													
190													
200													
210													
220													
230													
240													
250													
reeves	6			5			5			4			reeves

Load Radius (ft)	197ft (60m) Jib			217ft (66m) Jib									Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)									
	86	76	66	86	76	66							
75													75
80													80
85													85
90													90
95	93,900 *												95
100	93,900 *			90,200 *									100
110	93,900 *			88,000 *									110
120	89,300 *			84,700 *									120
130	83,800 *			80,400 *									130
140	78,200 *			75,400 *									140
150	73,000 *			70,700 *									150
160	67,600 *			65,900 *									160
170	62,300 *	45,400		60,800 *									170
180	57,100 *	42,400		55,400 *	40,900								180
190	51,900 *	39,100		49,700 *	37,500								190
200	47,200 *	36,200		42,700 *	34,700								200
210	42,200 *	33,600		36,200 *	31,900								210
220		31,200			29,300								220
230		29,000			27,000								230
240		27,000			25,000								240
250		25,100			23,100								250
260					21,400								260
270													270
280													280
290													290
reeves	4			4									reeves

Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

Luffing Jib Lifting Capacities

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs

Load Radius (ft)	118ft (36m) Jib			138ft (42m) Jib			157ft (48m) Jib			177ft (54m) Jib			Load Radius (ft)
	Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			Boom Angle (deg.)			
	86	76	66	86	76	66	86	76	66	86	76	66	
55													55
60													60
65													65
70													70
75	125,200 *												75
80	124,100 *			123,900 *									80
85	119,900 *			118,900 *									85
90	113,500 *			112,600 *			108,400 *			93,900 *			90
95	107,200 *			106,500 *			104,000 *			93,900 *			95
100	101,200 *			100,800 *			99,800 *			93,100 *			100
110	90,700 *			90,600 *			90,100 *			88,400 *			110
120	81,500 *			81,800 *			81,500 *			80,600 *			120
130	73,200 *			73,900 *			73,800 *			73,000 *			130
140		64,400		66,900 *			67,000 *			66,300 *			140
150		58,700		60,500 *			60,900 *			60,500 *			150
160		53,900			52,000		55,500 *	50,200		55,200 *			160
170		49,700			47,900		50,400 *	47,400		50,400 *	44,900		170
180					44,200			43,500		46,000 *	41,400		180
190					40,800			40,200		42,000 *	38,200		190
200								37,500			35,200		200
210								34,900			32,600		210
220											30,400		220
230													230
240													240
250													250
reeves		5			5			4			4		reeves

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[illegible]