

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)	※

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Luffing Jib Arrangements

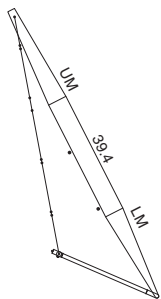
Jib length ft (m)	Jib arrangement
79 (24)	
98 (30)	※
118 (36)	※
138 (42)	※
157 (48)	※
177 (54)	※
197 (60)	※
217 (66)	※

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.

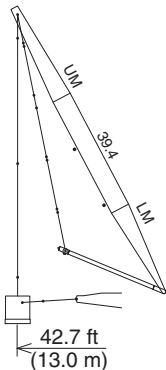
※ Actual lengths of boom sections are metric such as 3m, 6m and 12m. The value shown above or in the chart are approximate conversions to feet.

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

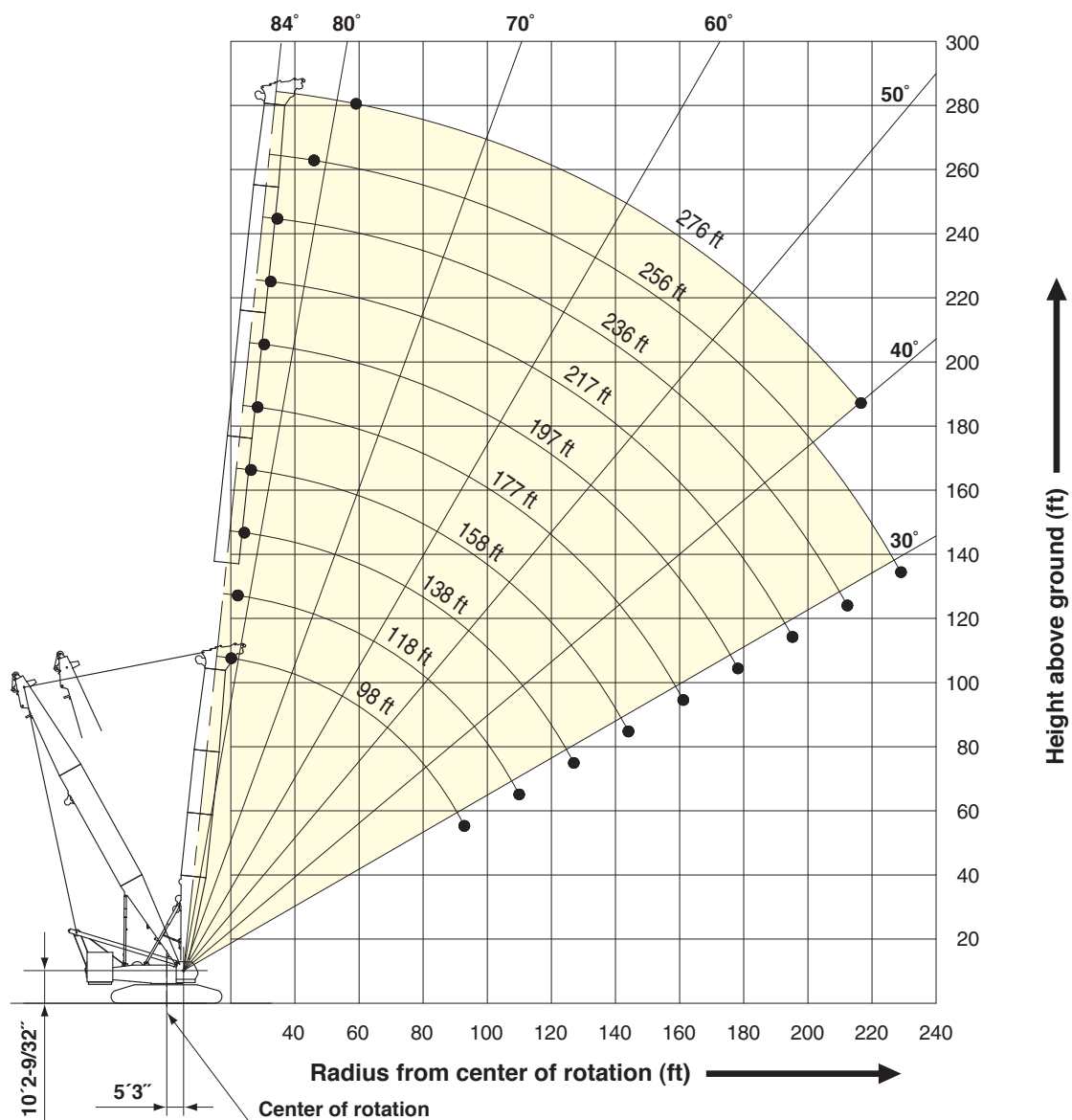


Symbol	Mast Length	Remarks
	29.5 ft (9.0 m)	HL Mast Base
	39.4 ft (12.0 m)	HL Insert Mast
	29.5 ft (9.0 m)	HL Mast Top

HEAVY LIFT

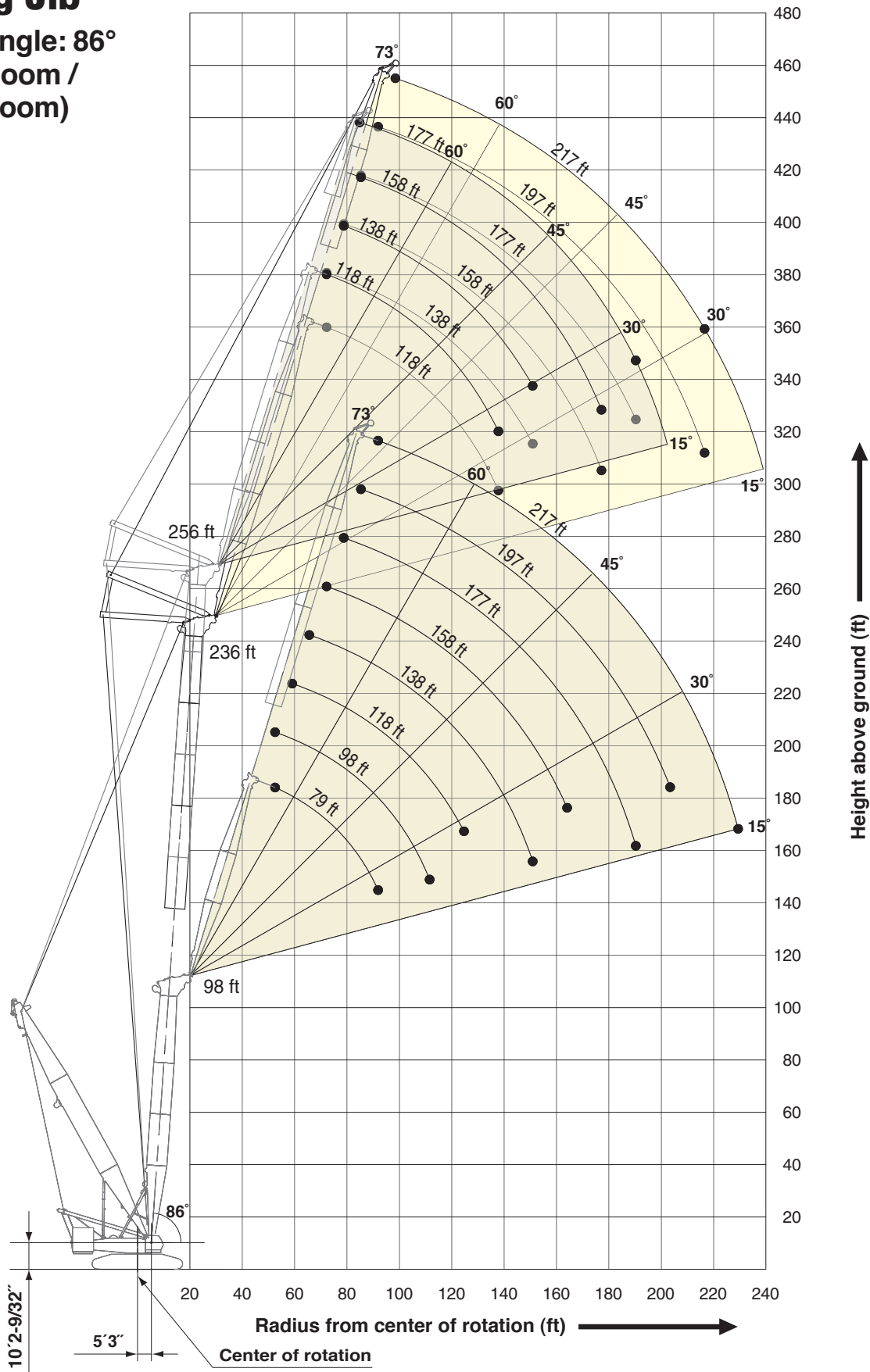
WORKING RANGES

Luffing Boom



Luffing Jib

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

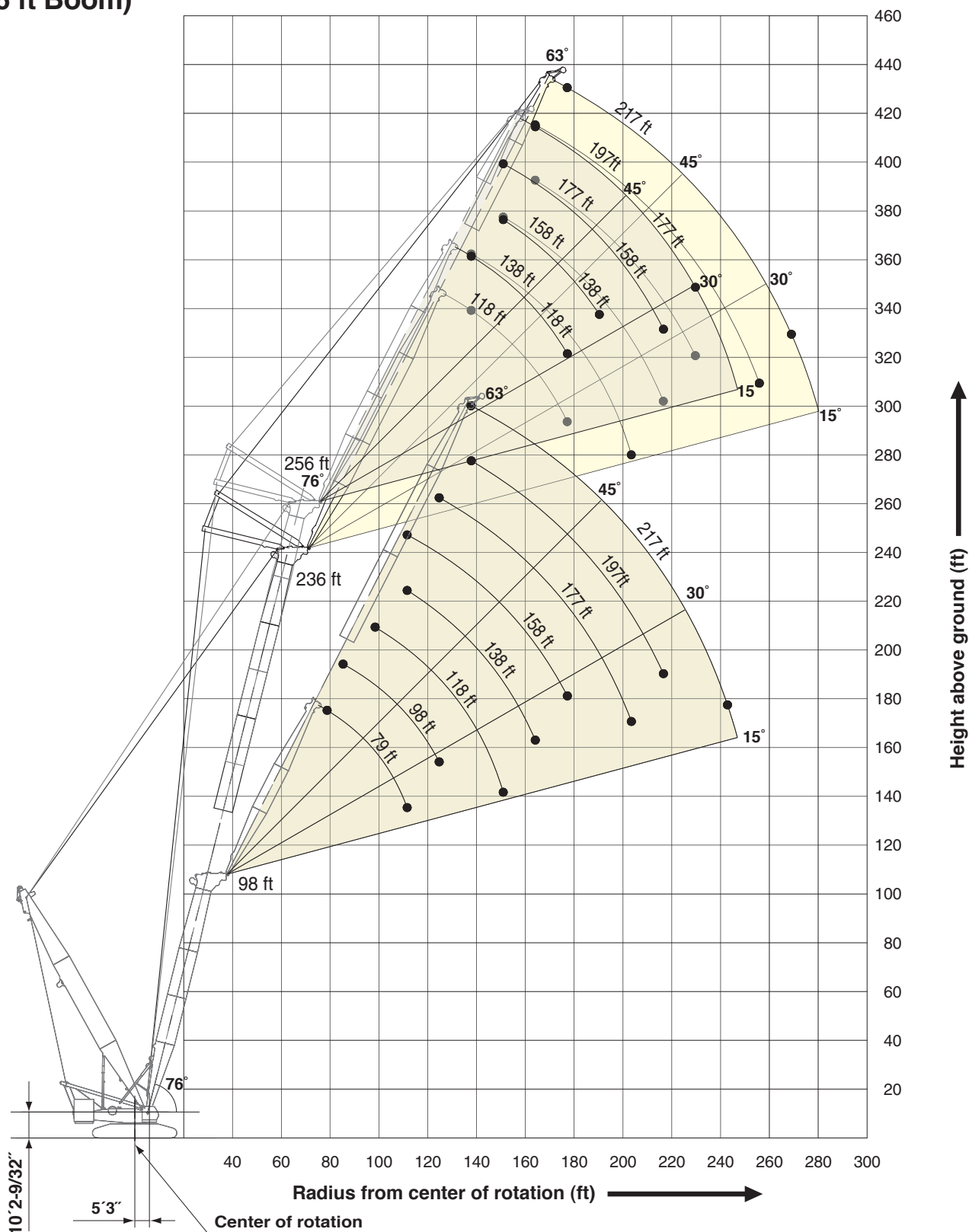


WORKING RANGES

Luffing Jib

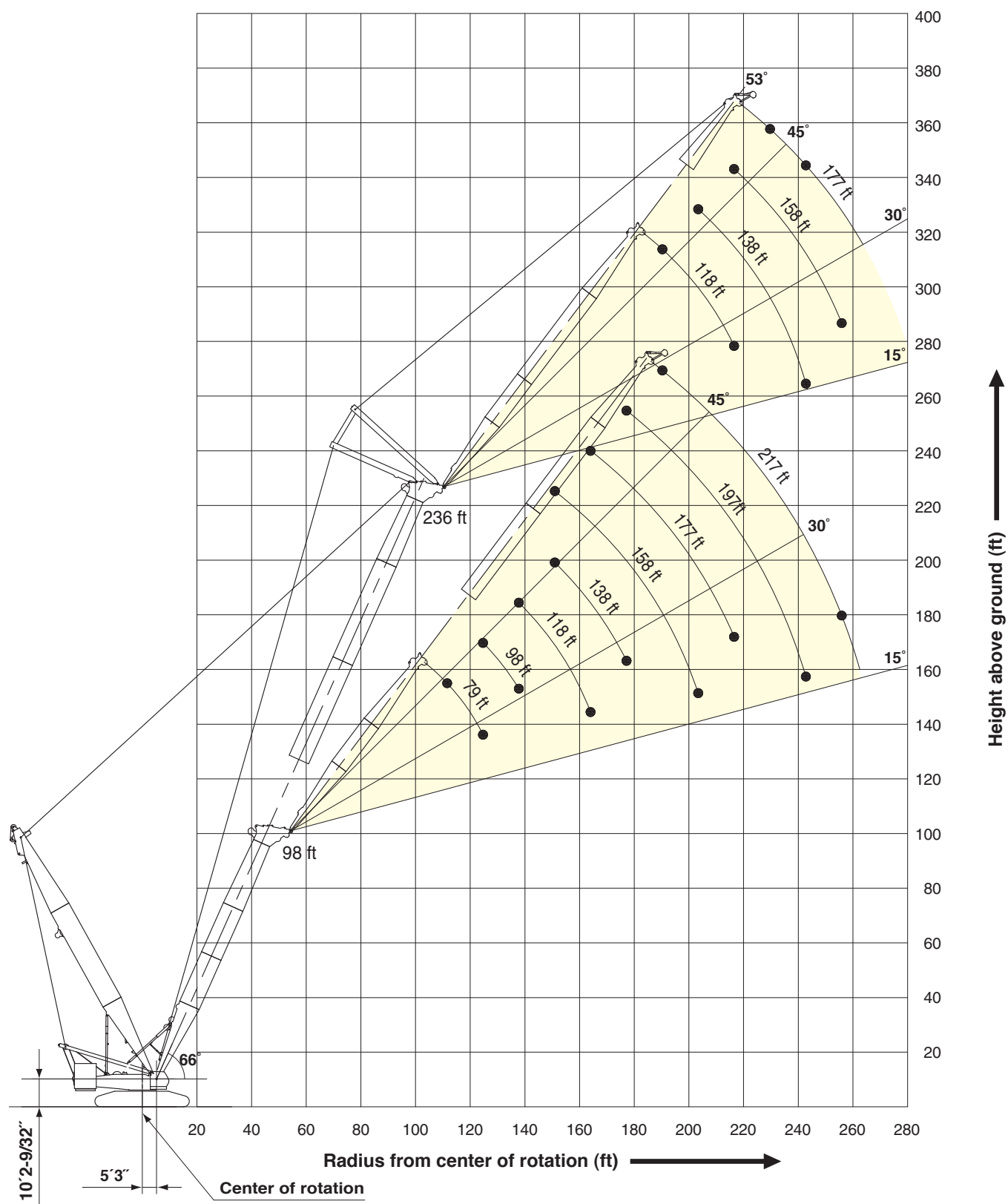
Boom Angle: 76°

(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	243,800 * 229,800 * 215,800 * 199,700 * 183,100 168,800 156,900 146,300 136,600 118,100 *	135,000 126,400 112,000 100,400 90,600 <											

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	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			47,200		190
200											44,000	34,600	200
210												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 *	79,100	39,900	156,500 *	70,400	33,000	156,500 *	69,100	28,800	125,200 *	56,700	27,400	55
60													60
65													65
70													70
75													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	34,300	39,900	50,100	58,900	64,000	46,600	69,300 *	57,600	45,300	68,900	56,400 *	44,400	200
210													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	23,400	35,700 *	33,300	18,700						220		
230	32,300	21,700		31,000							230		
240	30,300	19,900		29,000							17,600	240	
250		18,300		27,100							16,300	250	
260		16,800									14,800	260	
270		15,500									13,500	270	
280		14,300									12,300	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 (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 *			144,400 *			125,200 *			112,300 *			55							
60													60							
65													65							
70													70							
75													75							
80													154,700 *	143,500 *	125,200 *	80				
85													147,400 *	140,100 *	125,200 *	85				
90													139,600 *	136,300 *	124,500 *	90				
95													132,000 *	131,100 *	121,200 *	95				
100													124,900 *	125,000 *	116,700 *	100				
110													112,000 *	112,400 *	108,800 *	110				
120													100,900 *	101,500 *	100,700 *	120				
130	90,700 *	91,900 *	92,100 *	130																
140	67,200	83,300 *	65,500	83,400 *	53,400	79,400 *	68,100 *	47,400	140											
150									61,100	75,400 *	59,600	76,000 *	73,700 *	43,500	150					
160									56,200	54,600	69,900 *	64,000 *	49,000	62,700 *	34,400	160				
170									51,800	50,200	45,100	41,700	62,700 *	40,200	37,100	170				
180	27,900	46,300	39,900	42,800	38,800	45,100	57,300 *	43,500	40,200	37,100	16,200	180								
190												42,800	39,900	38,800	41,700	51,900 *	40,200	34,400	200	
200												27,900	25,700	23,500	36,200	19,900	32,100	14,700	210	
210												25,700	21,600	20,000	18,200	16,700	16,200	14,700	220	
220													220							
230													20,000	18,600	15,400	18,200	16,700	16,200	14,700	230
240													18,600	15,400	15,400	16,700	16,700	16,200	14,700	240
250													15,400	15,400	15,400	15,400	15,400	15,400	15,400	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

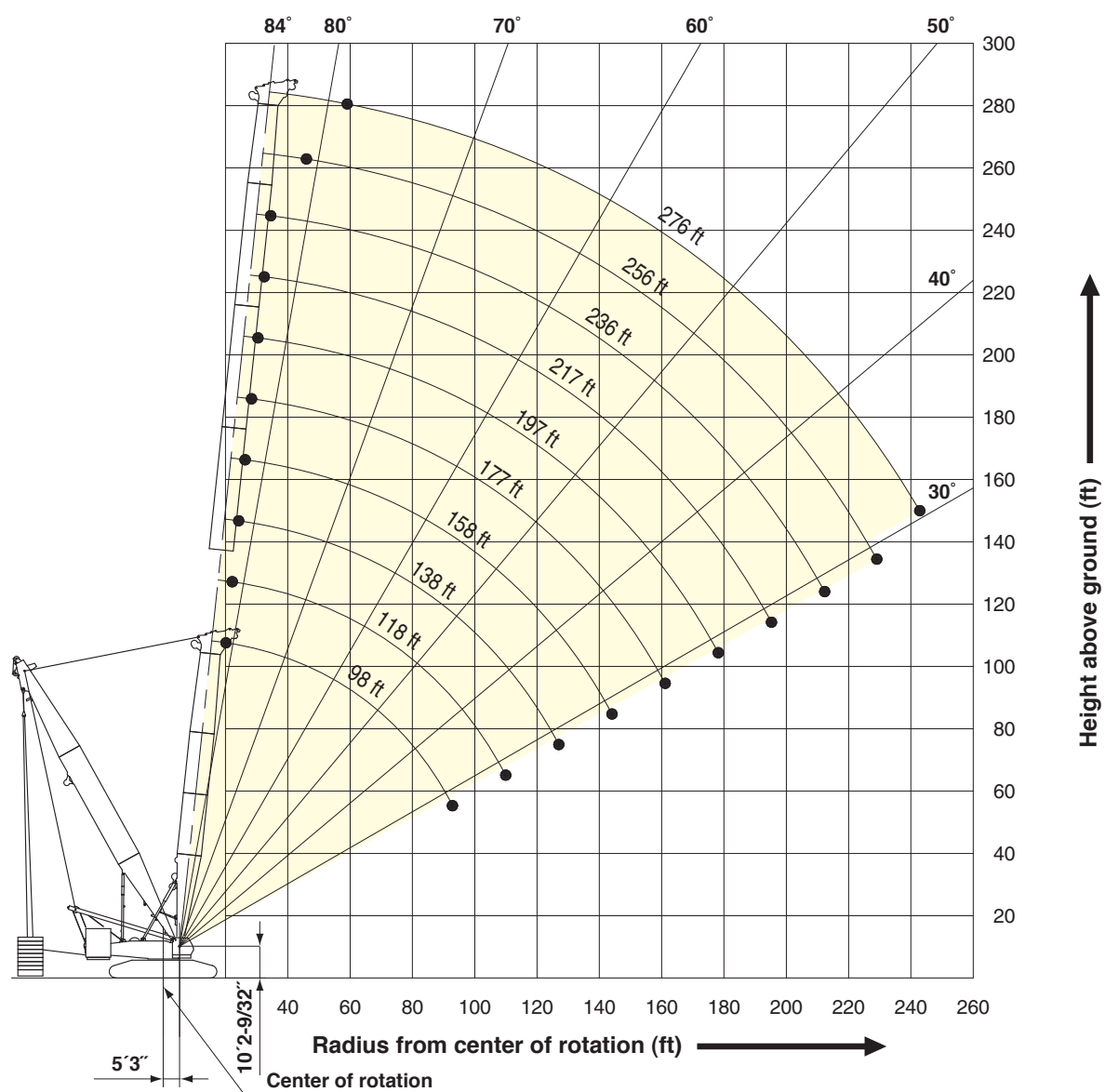
51 ***SL4500G***

[illegible]

SUPER HEAVY LIFT

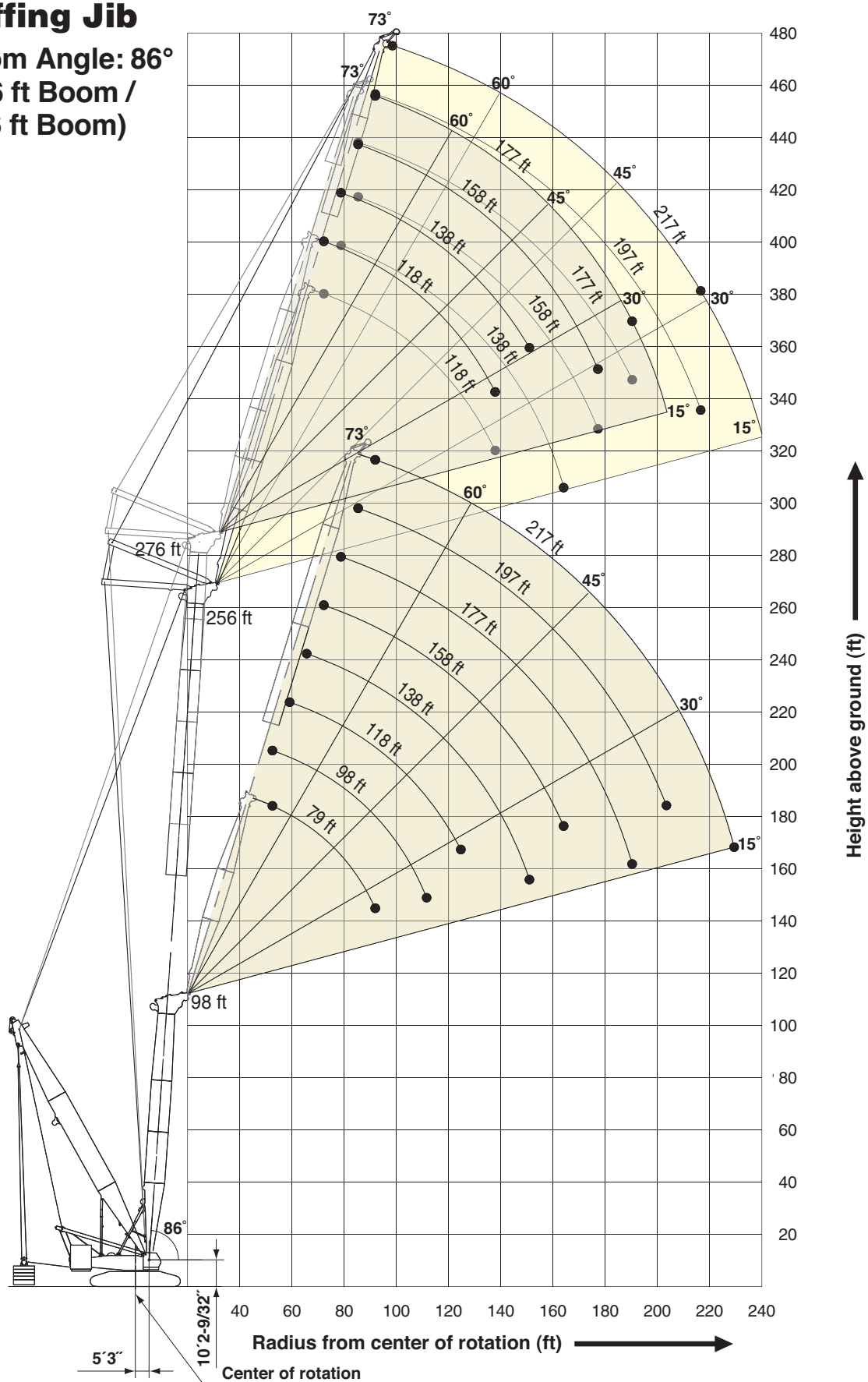
WORKING RANGES

Luffing Boom



Luffing Jib

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



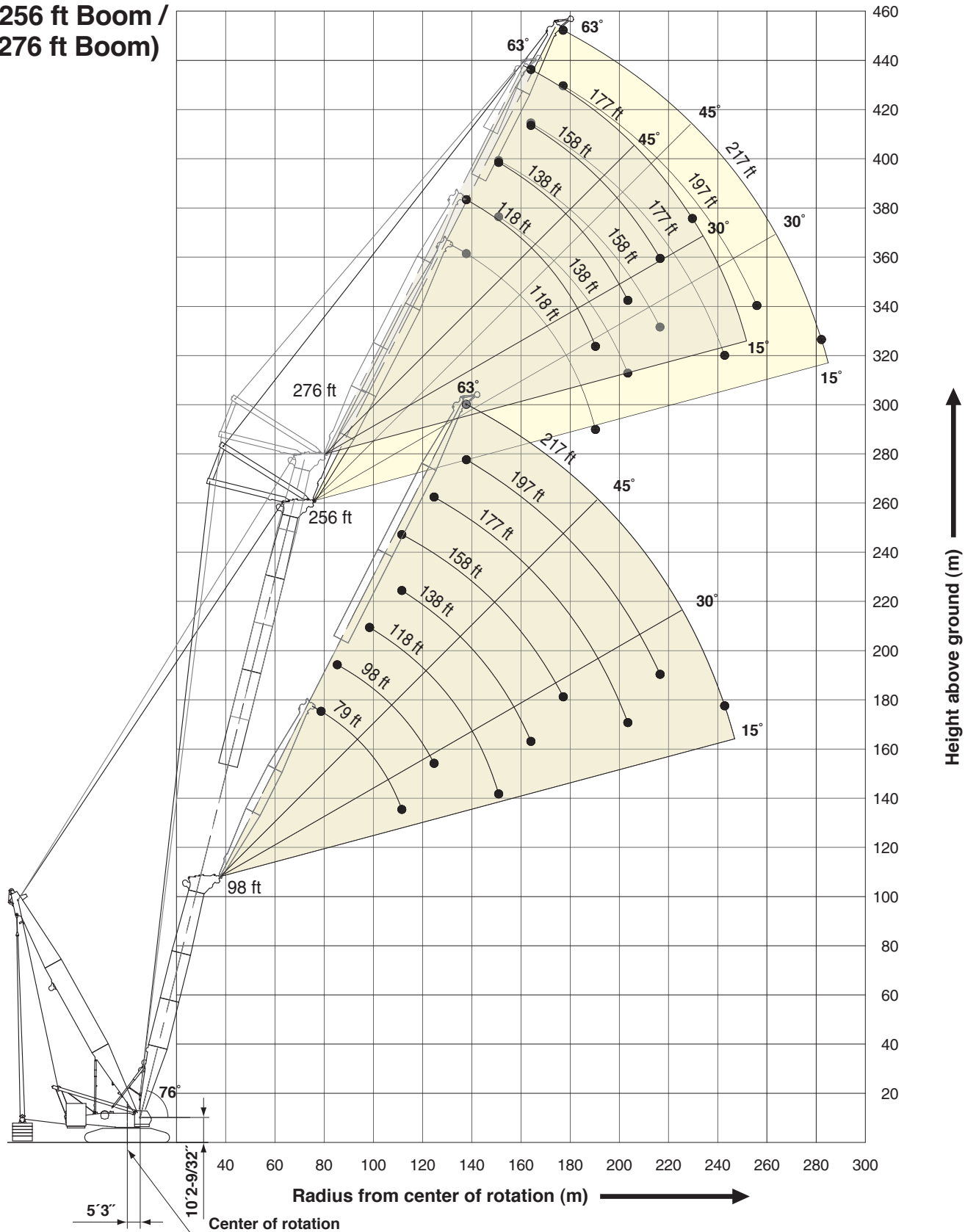
SUPER HEAVY LIFT

WORKING RANGES

Luffing Jib

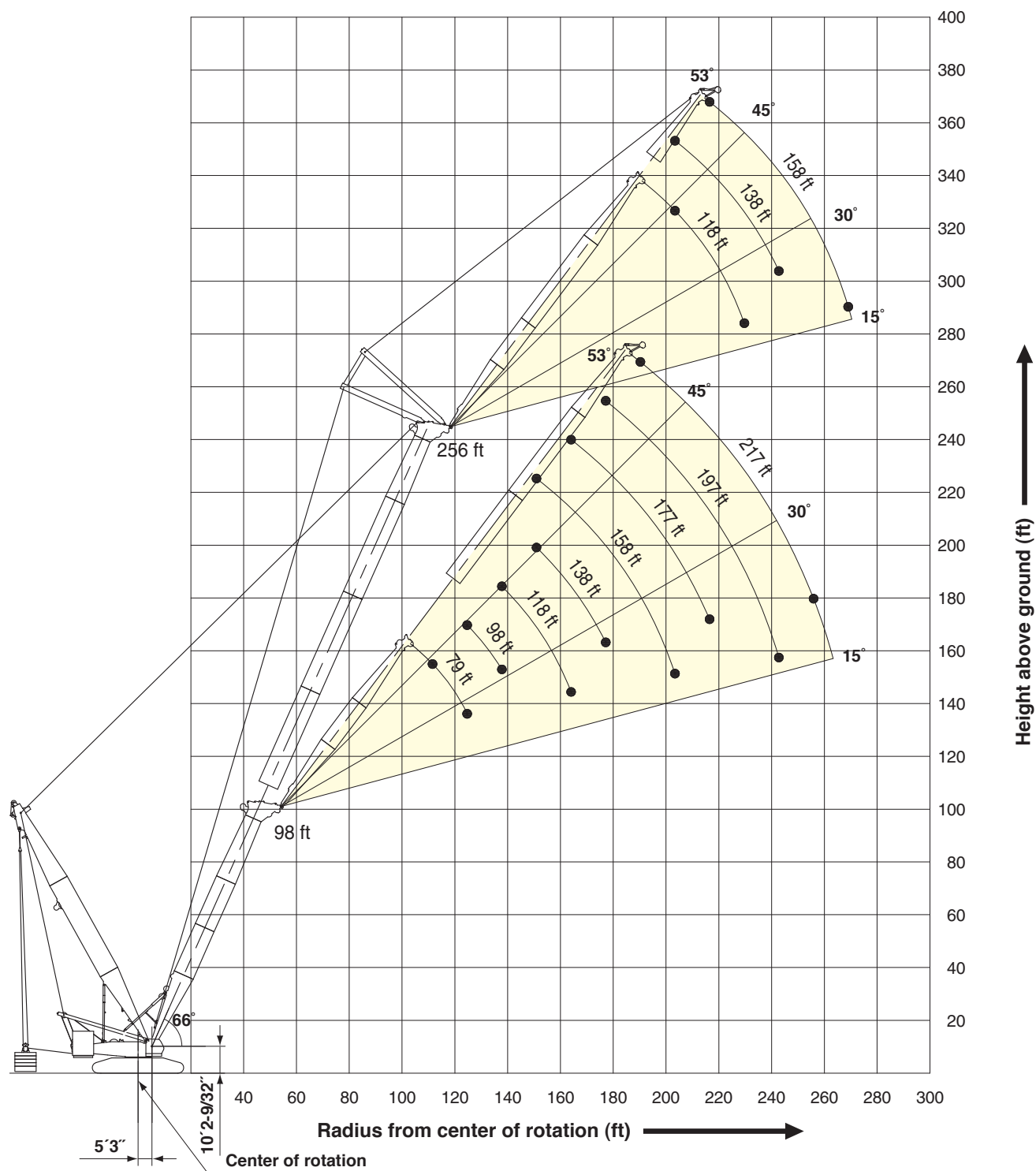
Boom Angle: 76°

(256 ft Boom /
276 ft Boom)



Luffing Jib

Boom Angle: 66°





LIFTING CAPACITIES

Luffing Boom Lifting Capacities

Heavy Lift Mast Point Radius: 45.0 ft
Pallet Weight Radius: 42.5 ft

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs, Pallet weights 551,100 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	824,500 *	26.2	84.0	724,400 *
22.0	82.9	831,100 *	24.0	83.1	831,100 *	26.0	83.3	824,500 *	28.0	83.4	724,400 *
24.0	81.7	831,100 *	26.0	82.1	831,100 *	28.0	82.4	824,500 *	30.0	82.6	724,400 *
26.0	80.5	831,100 *	28.0	81.1	831,100 *	30.0	81.6	824,500 *	32.0	81.9	724,400 *
28.0	79.3	831,100 *	30.0	80.1	831,100 *	32.0	80.7	824,500 *	34.0	81.2	724,400 *
30.0	78.1	831,100 *	32.0	79.1	831,100 *	34.0	79.9	824,500 *	36.0	80.4	724,400 *
32.0	76.9	831,100 *	34.0	78.1	831,100 *	36.0	79.0	824,500 *	38.0	79.7	724,400 *
34.0	75.7	831,100 *	36.0	77.1	831,100 *	38.0	78.2	824,500 *	40.0	78.9	724,400 *
36.0	74.5	831,100 *	38.0	76.1	831,100 *	40.0	77.3	821,900 *	45.0	77.1	724,400 *
38.0	73.3	831,100 *	40.0	75.1	828,000 *	45.0	75.2	801,500 *	50.0	75.2	709,600 *
40.0	72.0	827,700 *	45.0	72.6	804,200 *	50.0	73.0	738,500 *	55.0	73.3	671,700 *
45.0	68.9	800,900 *	50.0	70.0	740,500 *	55.0	70.8	673,300 *	60.0	71.3	616,100 *
50.0	65.7	716,700 *	55.0	67.3	675,300 *	60.0	68.5	617,600 *	65.0	69.4	569,100 *
55.0	62.3	630,700 *	60.0	64.6	617,200 *	65.0	66.2	570,700 *	70.0	67.4	529,200 *
60.0	58.9	558,800 *	65.0	61.9	557,500 *	70.0	63.9	530,200 *	75.0	65.4	493,800 *
65.0	55.3	499,100 *	70.0	59.0	506,000 *	75.0	61.5	489,800 *	80.0	63.3	461,000 *
70.0	51.6	448,600 *	75.0	56.1	461,400 *	80.0	59.1	450,300 *	85.0	61.3	428,400 *
75.0	47.6	403,500 *	80.0	53.0	423,500 *	85.0	56.6	415,200 *	90.0	59.1	399,500 *
80.0	43.3	362,900 *	85.0	49.8	392,200 *	90.0	54.0	384,500 *	95.0	56.9	372,800 *
85.0	38.6	326,000 *	90.0	46.4	354,300 *	95.0	51.3	356,300 *	100.0	54.7	348,400 *
90.0	33.3	291,500 *	95.0	42.8	321,900 *	100.0	48.5	330,200 *	110.0	50.0	305,400 *
93.0	30.0	272,700 *	100.0	38.9	293,900 *	110.0	42.5	285,400 *	120.0	44.9	268,400 *
			110.0	30.0	243,300 *	120.0	35.6	243,000 *	130.0	39.3	235,100 *
						127.0	30.0	216,400 *	140.0	32.9	206,700 *
									144.0	30.0	192,600 *
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	506,800 *	34.4	84.0	441,700 *
30.0	83.5	635,800 *	32.0	83.5	550,000 *	34.0	83.6	506,800 *	36.0	83.6	441,700 *
32.0	82.8	635,800 *	34.0	82.9	550,000 *	36.0	83.1	506,800 *	38.0	83.1	441,700 *
34.0	82.1	635,800 *	36.0	82.4	550,000 *	38.0	82.5	506,800 *	40.0	82.7	441,700 *
36.0	81.5	635,800 *	38.0	81.8	550,000 *	40.0	82.0	506,700 *	45.0	81.4	441,700 *
38.0	80.8	635,800 *	40.0	81.2	550,000 *	45.0	80.6	506,300 *	50.0	80.2	441,700 *
40.0	80.2	635,800 *	45.0	79.7	550,000 *	50.0	79.3	503,300 *	55.0	79.0	441,700 *
45.0	78.5	635,800 *	50.0	78.2	550,000 *	55.0	77.9	499,500 *	60.0	77.7	441,700 *
50.0	76.9	635,800 *	55.0	76.7	550,000 *	60.0	76.6	495,600 *	65.0	76.5	441,700 *
55.0	75.2	630,700 *	60.0	75.2	549,100 *	65.0	75.2	491,400 *	70.0	75.2	440,800 *
60.0	73.5	613,800 *	65.0	73.7	544,500 *	70.0	73.8	487,000 *	75.0	73.9	435,300 *
65.0	71.8	566,900 *	70.0	72.1	515,800 *	75.0	72.4	467,300 *	80.0	72.7	422,300 *
70.0	70.1	527,100 *	75.0	70.6	482,800 *	80.0	71.0	436,900 *	85.0	71.4	397,000 *
75.0	68.3	491,800 *	80.0	69.0	450,300 *	85.0	69.6	410,100 *	90.0	70.1	374,800 *
80.0	66.5	459,500 *	85.0	67.4	421,600 *	90.0	68.2	386,500 *	95.0	68.8	354,400 *
85.0	64.7	428,600 *	90.0	65.8	396,400 *	95.0	66.7	364,900 *	100.0	67.5	335,700 *
90.0	62.9	401,600 *	95.0	64.2	373,300 *	100.0	65.3	345,100 *	110.0	64.8	303,400 *
95.0	61.1	376,800 *	100.0	62.6	352,200 *	110.0	62.3	310,500 *	120.0	62.1	275,800 *
100.0	59.2	354,000 *	110.0	59.2	315,100 *	120.0	59.2	281,000 *	130.0	59.2	251,900 *
110.0	55.3	314,200 *	120.0	55.7	283,300 *	130.0	56.0	255,400 *	140.0	56.3	231,000 *
120.0	51.1	278,000 *	130.0	52.0	255,500 *	140.0	52.7	232,900 *	150.0	53.3	212,000 *
130.0	46.7	247,000 *	140.0	48.2	231,000 *	150.0	49.3	212,200 *	160.0	50.2	194,600 *
140.0	42.0	219,000 *	150.0	44.0	208,500 *	160.0	45.6	193,200 *	170.0	46.9	178,800 *
150.0	36.7	193,900 *	160.0	39.5	187,600 *	170.0	41.7	175,800 *	180.0	43.4	164,100 *
160.0	30.7	176,900 *	170.0	34.5	167,900 *	180.0	37.4	159,600 *	190.0	39.7	150,100 *
161.0	30.0	176,500 *	178.0	30.0	154,100 *	190.0	32.7	143,700 *	200.0	35.6	136,600 *
						195.0	30.0	135,500 *	210.0	31.0	123,500 *
									212.0	30.0	120,800 *
reeves			reeves			reeves			reeves		
24(2x12)			20(2x10)			20(2x10)			16(2x18)		

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.



Luffing Boom Lifting Capacities

Heavy Lift Mast Point Radius: 45.0 ft
Pallet Weight Radius: 42.5 ft

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs, Pallet weights 551,100 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	389,700 *	59.1	79.7	336,400 *						
50.0	81.0	389,700 *	60.0	79.5	336,400 *						
55.0	79.8	389,700 *	65.0	78.4	336,400 *						
60.0	78.7	389,700 *	70.0	77.4	336,400 *						
65.0	77.5	389,700 *	75.0	76.3	336,400 *						
70.0	76.4	389,700 *	80.0	75.2	336,400 *						
75.0	75.2	389,700 *	85.0	74.1	336,400 *						
80.0	74.0	388,200 *	90.0	73.0	336,400 *						
85.0	72.9	382,300 *	95.0	72.0	328,000 *						
90.0	71.7	361,900 *	100.0	70.8	314,100 *						
95.0	70.5	342,600 *	110.0	68.6	285,000 *						
100.0	69.3	325,000 *	120.0	66.4	260,300 *						
110.0	66.9	294,300 *	130.0	64.0	239,000 *						
120.0	64.4	268,400 *	140.0	61.7	220,600 *						
130.0	61.9	245,700 *	150.0	59.3	203,800 *						
140.0	59.3	226,300 *	160.0	56.8	188,700 *						
150.0	56.6	208,600 *	170.0	54.2	175,100 *						
160.0	53.8	192,500 *	180.0	51.6	162,800 *						
170.0	51.0	177,800 *	190.0	48.9	151,200 *						
180.0	48.0	164,500 *	200.0	46.0	140,100 *						
190.0	44.8	151,800 *	210.0	43.0	129,700 *						
200.0	41.5	139,800 *	220.0	39.8	120,000 *						
210.0	37.9	128,400 *	230.0	36.3	110,400 *						
220.0	34.0	117,300 *	240.0	32.6	101,100 *						
229.0	30.1	107,300 *	243.0	31.4	98,600 *						
reeves			reeves								
16(2x8)			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

Unit: lbs

Luffing Jib Lifting Capacities													Heavy Lift Mast Point Radius: 45.0 ft Pallet Weight Radius: 42.5 ft	
Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs, Pallet weights 286,600 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	199,300 *			192,900 *			188,300 *			185,000 *			75	
80	188,000 *	196,000 *		180,900 *			175,800 *			172,200 *			80	
85	177,400 *	182,000 *		170,300 *			164,900 *			160,900 *			85	
90	166,000 *	170,100 *		161,500 *	168,400 *		155,400 *			151,100 *			90	
95		159,500 *		153,300 *	157,800 *		146,800 *			142,300 *			95	
100		150,100		145,400 *	148,400 *		139,300 *	146,000 *		134,500 *			100	
110		133,700		129,800 *	132,300 *		126,500 *	130,100 *		120,900 *			110	
120					119,300 *		115,000 *	117,200 *		110,000 *	115,800 *		120	
130								106,200 *		100,800 *	104,800 *		130	
140								96,800 *		90,900 *	95,400 *		140	
150								88,900 *	94,100 *	86,400 *	87,500 *		150	
160									79,900 *		80,900 *	78,200 *	160	
170												72,500 *	170	
180													180	
190													190	
200													200	
210													210	
220													220	
230													230	
240													240	
reeves	9			9			8			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	104,500 *	114,200 *		100,400 *			96,100 *			91,800 *			120	
130	94,800 *	103,200 *		90,400 *	102,000 *		85,900 *			81,800 *			130	
140	86,700 *	93,900 *		81,700 *	92,500 *		77,000 *	91,200 *		72,800 *	89,200 *		140	
150	79,900 *	85,800 *		74,500 *	84,500 *		69,400 *	83,100 *		65,000 *	81,200 *		150	
160	74,600 *	79,100 *	76,400 *	68,500 *	77,800 *		63,200 *	76,300 *		58,500 *	74,300 *		160	
170		73,100 *	70,600 *	63,400 *	71,800 *	69,100 *	57,700 *	70,300 *		52,700 *	68,300 *		170	
180			65,500 *	57,900 *	66,500 *	63,900 *	52,800 *	65,000 *	62,300 *	47,700 *	62,900 *		180	
190			60,900 *	50,000 *	61,800 *	59,200 *	48,800 *	60,300 *	57,600 *	43,300 *	58,100 *		190	
200			57,000 *		57,800 *	55,300 *	45,600 *	55,900 *	53,600 *	39,600 *	52,900 *	51,500 *	200	
210						51,700 *		51,300 *		36,400 *	48,100 *	47,900 *	210	
220										33,900 *	43,800 *	44,600 *	220	
230											39,900 *	41,700 *	230	
240											35,200 *	39,100 *	240	
250												36,600 *	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

Unit: lbs

Luffing Jib Lifting Capacities

Heavy Lift Mast Point Radius: 45.0 ft
Pallet Weight Radius: 42.5 ft

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs, Pallet weights 286,600 lbs

118ft (36m) 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													50
55													55
60	243,800 *			219,100 *									60
65	229,800 *			219,100 *									65
70	217,800 *			210,400 *			205,000 *						70
75	203,700 *			199,100 *			194,800 *			179,500 *			75
80	188,400 *			186,400 *			184,200 *			171,900 *			80
85	174,900 *			172,900 *			172,000 *			164,800 *			85
90	163,500 *			161,600 *			160,500 *			157,800 *			90
95	153,200 *	154,100 *		151,200 *			150,200 *			149,100 *			95
100	144,100 *	145,000 *		142,100 *	142,500 *		141,200 *			140,100 *			100
110	128,500 *	129,200 *		126,500 *	126,700 *		125,600 *			124,300 *			110
120		116,300 *		114,000 *	114,100 *		113,000 *	112,700 *		111,600 *			120
130		105,500 *	101,400 *		103,300 *		102,200 *	101,900 *		100,900 *	100,200 *		130
140			92,400 *		94,100 *	89,800 *	93,000 *	92,600 *		91,700 *	91,100 *		140
150			84,900 *		86,400 *	82,400 *	85,100 *	84,900 *		83,800 *	83,300 *		150
160						76,100 *		78,400 *	74,300 *	77,000 *	76,700 *		160
170									68,700 *		70,800 *	66,700 *	170
180									63,800 *		65,700 *	61,800 *	180
190									59,600 *		61,100 *	57,400 *	190
200												53,700 *	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	133,800 *			121,800 *			110,700 *						100
110	122,700 *			113,100 *			102,800 *						110
120	110,600 *			105,300 *			95,600 *						120
130	99,800 *	99,000 *		96,500 *			88,900 *						130
140	90,500 *	89,700 *		86,800 *	88,400 *		82,000 *						140
150	82,300 *	82,000 *		77,700 *	80,500 *		73,300 *						150
160	74,500 *	75,300 *		70,000 *	74,000 *		66,100 *	71,800 *					160
170	67,400 *	69,500 *		63,400 *	68,100 *		59,600 *	66,000 *					170
180	59,800 *	64,300 *	60,200 *	57,500 *	62,800 *		53,900 *	60,800 *					180
190	50,300 *	59,600 *	55,900 *	52,100 *	58,100 *		49,000 *	56,100 *					190
200		55,700 *	52,100 *	47,600 *	54,000 *	50,400 *	44,700 *	52,000 *					200
210			48,700 *		50,400 *	46,900 *	40,700 *	48,400 *	44,700 *				210
220			45,500 *		47,000 *	43,700 *	36,900 *	45,000 *	41,500 *				220
230						40,900 *		41,500 *	38,700 *				230
240						38,300 *		38,000 *	36,100 *				240
250									33,900 *				250
260									31,800 *				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

Unit: lbs

Luffing Jib Lifting Capacities													Heavy Lift Mast Point Radius: 45.0 ft Pallet Weight Radius: 42.5 ft	
Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs, Pallet weights 286,600 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	219,400 *			212,500 *			208,000 *						70	
75	202,300 *			200,100 *			196,500 *			181,000 *			75	
80	186,800 *			184,700 *			183,700 *			173,400 *			80	
85	173,400 *			171,400 *			170,300 *			166,200 *			85	
90	162,000 *			160,000 *			158,900 *			157,100 *			90	
95	151,700 *			149,700 *			148,700 *			147,600 *			95	
100	142,600 *	141,300 *		140,600 *			139,700 *			138,600 *			100	
110	126,900 *	125,800 *		125,100 *			124,100 *			123,000 *			110	
120		113,300 *		112,700 *	110,800 *		111,600 *	109,400 *		110,300 *			120	
130		102,700 *			100,300 *		100,900 *	98,800 *		99,600 *	97,200 *		130	
140			87,800		91,300 *		91,800 *	89,800 *		90,400 *	88,200 *		140	
150			80,400 *		83,600 *		84,200 *	82,200 *		82,700 *	80,500 *		150	
160			74,400 *			71,800 *		75,700 *		76,200 *	74,000 *		160	
170						66,500 *		70,000 *	64,600 *		68,300 *		170	
180									59,900 *		63,300 *	57,800 *	180	
190									55,800 *		58,700 *	53,600 *	190	
200									52,300 *			50,100 *	200	
210												46,900 *	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	140,300 *			127,400 *			115,600 *						95	
100	134,600 *			122,700 *			111,300 *						100	
110	121,700 *			113,800 *			103,300 *						110	
120	109,400 *			105,900 *			96,100 *						120	
130	98,700 *			97,200 *			89,500 *						130	
140	89,500 *	86,900 *		87,900 *			82,700 *						140	
150	81,600 *	79,100 *		78,600 *			74,100 *						150	
160	74,800 *	72,600 *		70,900 *	71,300 *		66,800 *	69,300 *					160	
170	68,000 *	67,000 *		64,000 *	65,500 *		60,300 *	63,500 *					170	
180	60,400 *	61,900 *		58,000 *	60,400 *		54,500 *	58,400 *					180	
190	50,500 *	57,400 *		52,600 *	55,900 *		49,300 *	53,900 *					190	
200		53,500 *	48,600 *	48,000 *	52,000 *	46,800 *	44,900 *	50,000 *					200	
210		50,000 *	45,200 *		48,400 *	43,500 *	40,900 *	46,300 *	41,300 *				210	
220			42,200 *		45,200 *	40,500 *	37,200 *	43,100 *	38,300 *				220	
230						37,800 *		40,200 *	35,600 *				230	
240						35,300 *		37,700 *	33,100 *				240	
250						33,100 *		34,800 *	30,900 *				250	
260									29,000 *				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

Unit: lbs

Luffing Jib Lifting Capacities

Heavy Lift Mast Point Radius: 45.0 ft
Pallet Weight Radius: 42.5 ft

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs, Pallet weights 286,600 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													50
55													55
60	219,100 *												60
65	219,100 *												65
70	212,600 *			187,800 *									70
75	200,400 *			187,100 *			186,700 *						75
80	185,100 *			182,900 *			182,000 *			156,500 *			80
85	171,600 *			169,600 *			168,700 *			156,500 *			85
90	160,200 *			158,200 *			157,400 *			153,300 *			90
95	150,000 *			148,100 *			147,200 *			146,100 *			95
100	141,000 *	137,100 *		139,300 *			138,200 *			137,100 *			100
110	125,600 *	122,000 *		123,800 *			122,700 *			121,600 *			110
120		109,900 *		111,300 *	107,400 *		110,200 *			109,100 *			120
130		99,500 *		97,700 *	97,100 *		99,700 *	95,600 *		98,500 *			130
140					88,300 *		90,600 *	86,700 *		89,300 *	85,100 *		140
150					80,900 *		82,900 *	79,300 *		81,600 *	77,600 *		150
160					74,600 *	67,300		73,000 *		75,100 *	71,400 *		160
170						62,200		67,500 *	60,400		65,900 *		170
180						57,700 *			55,900 *		60,900 *	53,900 *	180
190						53,900 *			51,900 *		56,500 *	49,900 *	190
200									48,500 *		52,800 *	46,500 *	200
210												43,400 *	210
220												40,500 *	220
230													230
240													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	141,300 *			128,500 *			116,300 *						95
100	135,200 *			123,700 *			112,000 *						100
110	120,600 *			114,700 *			103,900 *						110
120	108,100 *			105,000 *			96,600 *						120
130	97,500 *			95,400 *			89,800 *						130
140	88,400 *	83,800 *		86,200 *			83,000 *						140
150	80,500 *	76,300 *		78,500 *			75,000 *						150
160	74,000 *	70,100 *		71,200 *	67,700 *		67,500 *						160
170	67,900 *	64,500 *		64,400 *	62,100 *		60,800 *	61,000 *					170
180	62,000 *	59,500 *		58,200 *	57,100 *		54,900 *	56,000 *					180
190	56,300 *	55,000 *		52,800 *	52,800 *		49,700 *	51,400 *					190
200		51,300 *	44,800 *	48,100 *	48,900 *		45,300 *	47,700 *					200
210		47,900 *	41,700 *		45,500 *	39,200 *	41,300 *	44,300 *					210
220			38,900 *		42,400 *	36,300 *	37,500 *	41,100 *	35,000 *				220
230			36,300 *			33,800 *		38,200 *	32,300 *				230
240			34,100 *			31,500 *		35,700 *	29,900 *				240
250						29,400 *		33,400 *	27,800 *				250
260									25,900 *				260
270									24,300 *				270
280									22,800 *				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

Unit: lbs

Luffing Jib Lifting Capacities													Heavy Lift Mast Point Radius: 45.0 ft Pallet Weight Radius: 42.5 ft	
Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs, Pallet weights 286,600 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	187,200 *			186,300 *			156,500 *						75	
80	183,100 *			181,000 *			156,500 *			156,500 *			80	
85	169,800 *			167,800 *			156,500 *			156,500 *			85	
90	158,600 *			156,600 *			153,000 *			152,200 *			90	
95	148,500 *			146,500 *			145,600 *			144,500 *			95	
100	139,500 *			137,500 *			136,700 *			135,500 *			100	
110	124,200 *			122,200 *			121,400 *			120,100 *			110	
120		106,300 *		109,900 *			108,900 *			107,700 *			120	
130		96,200 *		97,400 *	93,700 *		98,300 *	92,200 *		97,100 *			130	
140		87,600 *			85,000 *		89,300 *	83,600 *		88,000 *	81,900 *		140	
150		80,200 *			77,800 *		81,800 *	76,200 *		80,500 *	74,700 *		150	
160			65,700		71,800 *			70,200 *		74,000 *	68,500 *		160	
170			60,700			57,900		64,800 *		65,200 *	63,100 *		170	
180						53,600		60,000 *	51,800		58,300 *		180	
190						49,900 *		55,800 *			54,100 *		190	
200									51,800		50,400 *	42,700 *	200	
210									47,900 *			39,700 *	210	
220									44,700 *			37,100 *	220	
230									41,800 *				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	141,900 *			125,200 *			115,800 *						95	
100	134,900 *			123,800 *			112,700 *						100	
110	119,400 *			115,300 *			104,600 *						110	
120	106,900 *			104,400 *			97,200 *						120	
130	96,300 *			94,100 *			90,400 *						130	
140	87,100 *			85,100 *			83,600 *						140	
150	79,400 *			77,400 *			75,800 *						150	
160	72,900 *	67,200 *		70,900 *	64,700 *		68,300 *						160	
170	67,200 *	61,800 *		64,700 *	59,300 *		61,500 *	58,200 *					170	
180	62,000 *	56,900 *		58,800 *	54,500 *		55,500 *	53,400 *					180	
190	56,800 *	52,500 *		53,200 *	50,100 *		50,100 *	49,000 *					190	
200		49,000 *		48,300 *	46,600 *		45,600 *	45,300 *					200	
210		45,700 *	38,000 *		43,300 *		41,500 *	41,900 *					210	
220			35,300 *		40,200 *	32,800 *	37,600 *	38,900 *					220	
230			32,900 *		37,600 *	30,300 *		36,000 *	28,800 *				230	
240			30,800 *		35,200 *	28,100 *		33,700 *	26,600 *				240	
250			28,800 *			26,200 *		31,400 *	24,600 *				250	
260						24,400 *			22,900 *				260	
270									21,200 *				270	
280									19,700 *				280	
290									18,400 *				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

Unit: lbs

Luffing Jib Lifting Capacities

Heavy Lift Mast Point Radius: 45.0 ft
Pallet Weight Radius: 42.5 ft

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs, Pallet weights 286,600 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	120,700 *	48,800		119,600 *	80,000 *	72,900 *	118,500 *	71,100 *	59,900 *	66,100 *	58,700 *	110							
120	108,400 *			107,300 *			66,900 *					106,200 *	65,200 *	71,800 *	64,000 *	120			
130	98,000 *			89,700 *			96,900 *					86,700 *	78,200 *	85,800 *		130			
140				81,300 *			88,000 *					80,000 *	79,100 *	71,100 *	78,200 *		140		
150				74,200 *			80,500 *					72,900 *	61,600 *	59,900 *	66,100 *	58,700 *		150	
160				68,400 *								66,900 *	61,600 *	59,900 *	66,100 *	58,700 *		160	
170												57,000 *	53,000 *	55,200 *	51,200 *	61,100 *	53,900 *		170
180														55,200 *	51,200 *	61,100 *	53,900 *		180
190														51,200 *	56,500 *	49,900 *			190
200							42,200							40,300	47,700 *			46,300 *	
210						37,500			35,400	43,000 *			210						
220									32,900 *	40,100 *	31,300 *		220						
230									30,700 *		29,000 *		230						
240									28,700 *		27,000 *		240						
250											25,200 *		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									150							
160	70,800 *	57,200 *		68,600 *	55,000 *								160				
170	65,100 *			62,100 *									50,300 *	170			
180	59,600 *			52,600 *									56,000 *	50,300 *	180		
190	53,900 *			48,400 *									50,600 *	46,100 *	190		
200	49,200 *			44,800 *									46,000 *	42,600 *	200		
210	43,800 *			41,500 *									41,800 *	39,400 *	210		
220				38,500 *									29,600 *	37,100 *	36,500 *	220	
230				35,800 *									27,200 *		33,800 *	25,000 *	230
240				33,500 *									25,200 *		31,500 *	23,000 *	240
250													23,300 *		29,200 *	21,100 *	250
260			21,600 *		27,300 *	19,400 *	260										
270			20,100 *			17,900 *	270										
280			18,800 *			16,400 *	280										
290						15,100 *	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

Unit: lbs

Luffing Jib Lifting Capacities													Heavy Lift Mast Point Radius: 45.0 ft Pallet Weight Radius: 42.5 ft	
Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs, Pallet weights 286,600 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		
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	150,800 *			150,200 *			125,200 *			125,200 *			90	
95	142,700 *			141,900 *			125,200 *			125,200 *			95	
100	134,000 *			133,200 *			123,900 *			123,800 *			100	
110	118,900 *			118,000 *			115,800 *			115,300 *			110	
120	106,800 *			105,900 *			104,700 *			104,000 *			120	
130	96,400 *	85,600 *		95,600 *			94,200 *			93,500 *			130	
140		77,600 *		86,700 *	76,100 *		85,400 *			84,500 *			140	
150		70,700 *		79,100 *	69,400 *		77,800 *			76,900 *			150	
160		65,000 *			63,500 *		71,500 *	61,900 *		70,600 *	60,600 *		160	
170		60,100 *			58,400 *		64,500 *	56,900 *		65,000 *	55,600 *		170	
180			44,000		54,000 *			52,400 *		60,000 *	51,100 *		180	
190			40,600		50,100 *			48,300 *		55,400 *	47,000 *		190	
200			37,700			36,000		45,000 *			43,500 *		200	
210			35,200			33,300		41,900 *	31,200		40,400 *	27,200	210	
220						31,000			29,000		37,700 *	25,200	220	
230									26,800			23,200	230	
240									24,900			21,600 *	240	
250												20,100 *	250	
260													260	
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	101,100 *			90,700 *									120	
130	92,600 *			86,200 *									130	
140	83,600 *			80,500 *									140	
150	76,000 *			74,000 *									150	
160	69,500 *			67,700 *									160	
170	63,900 *	54,000 *		62,000 *									170	
180	58,800 *	49,500 *		56,600 *	47,300 *								180	
190	54,300 *	45,500 *		51,000 *	43,300 *								190	
200	49,600 *	42,100 *		46,100 *	39,900 *								200	
210	44,500 *	39,000 *		40,200 *	36,800 *								210	
220		36,100 *		33,800 *	33,900 *								220	
230		33,400 *	23,500		31,400 *								230	
240		31,200 *	21,500		29,000 *								240	
250		29,100 *	19,700 *		26,900 *								250	
260			18,100 *		25,100 *								260	
270			16,800 *										270	
280			15,500 *										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

Unit: lbs

Luffing Jib Lifting Capacities

Heavy Lift Mast Point Radius: 45.0 ft
Pallet Weight Radius: 42.5 ft

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs, Pallet weights 286,600 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	
60	156,500 *	75,400 *	37,200	144,400 *	73,000 *	29,700 *	125,200 *	59,300 *	66	112,300 *	52,100 *	21,100 *	60
65													65
70													70
75													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												
reeves	6			5			5			4			reeves

Load Radius Radius (ft)	197ft (60m) Jib			217ft (66m) Jib									Load Radius 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	67,900 *			65,900 *									160
170	62,800 *	50,600 *		60,800 *									170
180	57,700 *	46,300 *		55,400 *	44,000 *								180
190	53,200 *	42,600 *		49,700 *	40,200 *								190
200	48,500 *	39,200 *		42,700 *	37,000 *								200
210	42,800 *	36,200 *		36,200 *	34,000 *								210
220		33,500 *			31,300 *								220
230		31,000 *			28,800 *								230
240		28,800 *			26,600 *								240
250		26,800 *			24,500 *								250
260					22,600 *								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.



LIFTING CAPACITIES

Unit: lbs

Luffing Jib Lifting Capacities													Heavy Lift Mast Point Radius: 45.0 ft Pallet Weight Radius: 42.5 ft	
Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs, Pallet weights 286,600 lbs														
256ft (78m) 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		
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 *			110,100 *			93,900 *			90	
95	107,200 *			106,500 *			105,300 *			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		72,600 *		66,900 *			67,000 *			66,300 *			140	
150		66,200 *		60,500 *			60,900 *			60,500 *			150	
160		60,800 *		54,400 *	59,600 *		55,500 *	56,900 *		55,200 *			160	
170		56,000 *			54,800 *		50,400 *	52,200 *		50,400 *	49,800 *		170	
180		51,800 *			50,500 *			48,000 *		46,000 *	45,600 *		180	
190		47,900 *			46,800 *			44,200 *		42,000 *	41,900 *		190	
200					43,400 *	27,000 *		40,900 *			38,700 *		200	
210			28,500 *			24,900 *		38,100 *			35,900 *		210	
220			26,400 *			23,000 *			22,200 *		33,200 *		220	
230						21,400 *			20,400 *		30,700 *		230	
240									18,700 *		28,700 *		240	
250									17,200 *				250	
260									15,800 *				260	
reeves	5			5			4			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	92,700 *												95	
100	91,200 *			81,600 *									100	
110	87,000 *			79,600 *									110	
120	79,700 *			76,500 *									120	
130	72,400 *			71,300 *									130	
140	65,900 *			64,800 *									140	
150	60,200 *			59,100 *									150	
160	55,100 *			54,200 *									160	
170	50,500 *			49,600 *									170	
180	46,300 *	44,300 *		45,400 *	42,100 *								180	
190	42,400 *	40,600 *		41,700 *	38,400 *								190	
200	38,900 *	37,400 *		37,200 *	35,200 *								200	
210	35,400 *	34,400 *		31,900 *	32,400 *								210	
220		31,800 *			29,700 *								220	
230		29,400 *			27,200 *								230	
240		27,200 *			25,200 *								240	
250		25,300 *			23,200 *								250	
260					21,300 *								260	
270					19,700 *								270	
280					18,300 *								280	
290													290	
reeves	4			3									reeves	

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

Unit: lbs

Luffing Jib Lifting Capacities

Heavy Lift Mast Point Radius: 45.0 ft
Pallet Weight Radius: 42.5 ft

Counterweight: 352,700 lbs, Carbody weight: 112,400 lbs, Crawler weight: 44,100 lbs, Pallet weights 286,600 lbs

276ft (84m) 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													70
75	112,100 *												75
80	104,800 *			104,100 *									80
85	98,200 *			97,600 *									85
90	92,500 *			91,800 *			91,100 *						90
95	87,200 *			86,500 *			85,900 *			76,900 *			95
100	82,300 *			81,700 *			81,100 *			75,100 *			100
110	73,600 *			73,100 *			72,500 *			70,500 *			110
120	66,000 *			65,900 *			65,300 *			64,200 *			120
130	59,200 *			59,300 *			59,000 *			58,100 *			130
140		56,100 *		53,500 *			53,300 *			52,700 *			140
150		50,700 *		48,300 *			48,300 *			47,800 *			150
160		46,400 *			45,300 *		43,800 *			43,500 *			160
170		42,900 *			41,400 *		39,700 *	38,500 *		39,700 *	36,100 *		170
180		39,900 *			37,900 *			35,200 *		36,300 *	32,900 *		180
190		37,100 *			34,900 *			32,200 *		32,900 *	30,000 *		190
200					32,300 *			29,900 *			27,500 *		200
210								27,800 *			25,300 *		210
220											23,300 *		220
230													230
240													240
reeves	4	4	4	4	4	4	4	4	4	3	3	3	reeves

reeves	4	4	4	3	reeves
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Note: Lifting capacities may vary depending on hook used or with/without auxiliary sheave.
Please refer rated chart in operator's cabin.

TRANSPORTATION PLAN

Base Machine

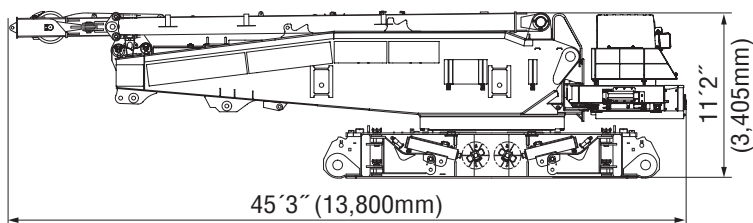
Base Machine (A)

With

- Crane mast
- W1 Winch
- Carbody
- Lower translifter

Without

- Upper/Lower connecting device



Weight 132,461 lbs
Width 9' 10"
Height 11' 2"
(Machine)
Length 45' 3"

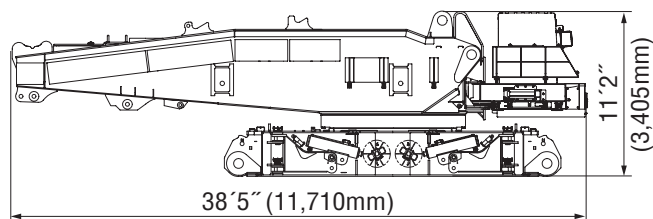
Base Machine (B)

With

- Carbody
- Lower translifter

Without

- Crane mast
- W1 Winch
- Upper/Lower connecting device
- Aux. platform
- Reeving winch



Weight 103,840 lbs
Width 9' 10"
Height 11' 2"
(Machine)
Length 38' 5"

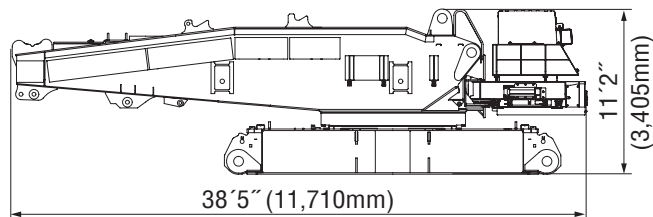
Base Machine (C)

With

- Carbody

Without

- Lower translifter
- Upper/Lower connecting device
- Aux. platform
- Reeving winch



Weight 98,980 lbs
Width 9' 10"
Height 11' 2"
(Machine)
Length 38' 5"

Upper Structure

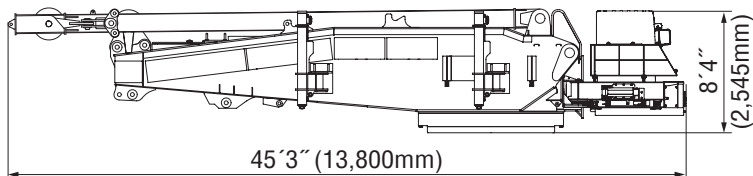
Upper Structure (A)

With

- Crane mast
- W1 Winch
- Swing bearing
- Upper/Lower connecting device
- Upper translifter

Without

- Aux. platform
- Reeving winch



Weight 99,210 lbs
Width 11' 5"
Height 8' 4"
(Machine)
Length 45' 3"

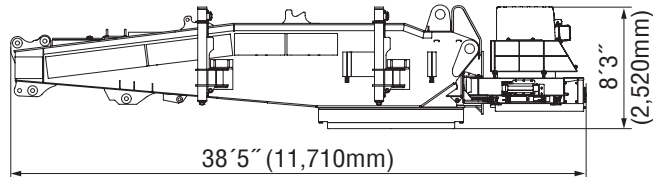
Upper Structure (B)

With

- Upper translifter

Without

- Crane mast
- W1 Winch



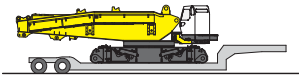
Weight 75,790 lbs
Width 11' 5"
Height 8' 3"
(Machine)
Length 38' 5"

[illegible]

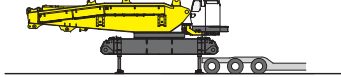
ASSEMBLY DISASSEMBLY

SELF-ERECTION SYSTEM

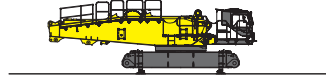
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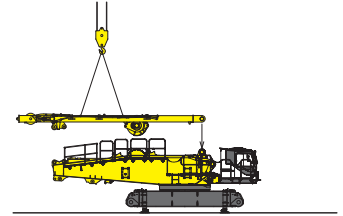
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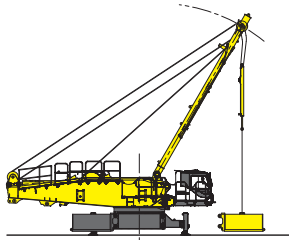
3



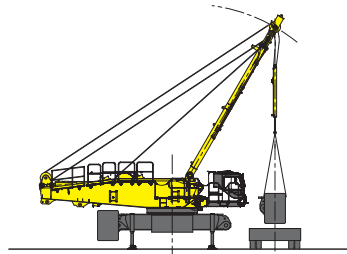
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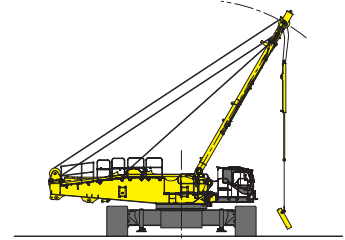
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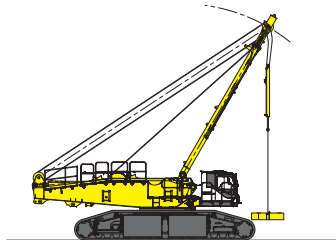
6



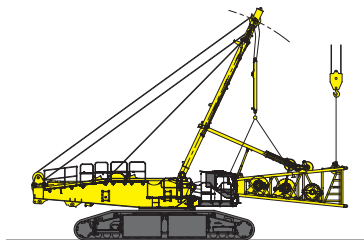
7



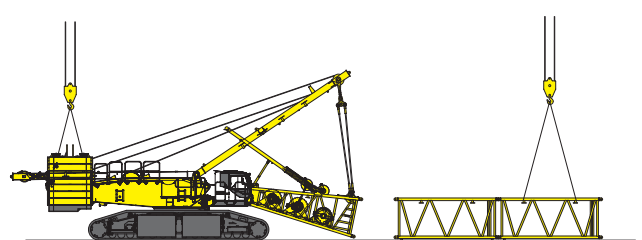
8



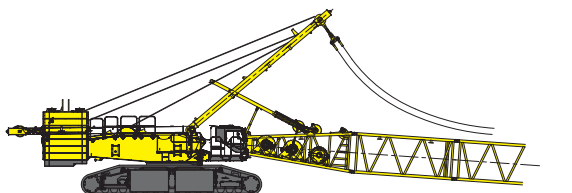
9



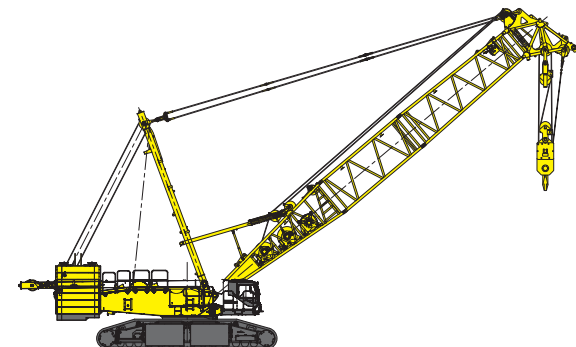
10



11



12



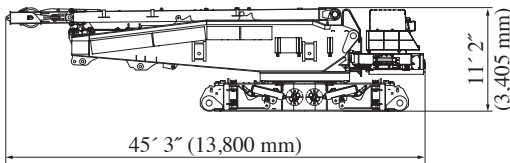
[illegible]

PARTS AND ATTACHMENTS

Dimensions: ft-in (mm) Weight: lbs (kg)

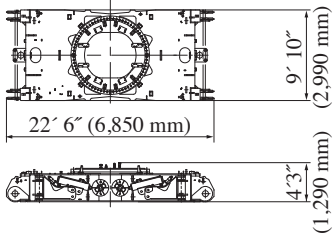
Base Machine

With mast and lower transfliter without upper/lower connecting devices.
Weight: 132,461 lbs (60,085 kg) Width: 9' 10" (2,990 mm)



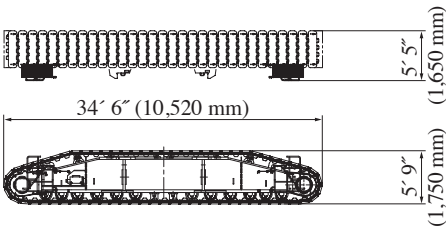
Carbody

With upper/lower connecting devices.
Weight: 44,092 lbs (20,000 kg) Width: 9' 10" (2,990 mm)



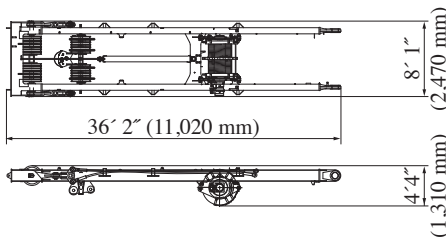
Crawler

Weight: 67,240 lbs (30,500 kg) Width: 5' 5" (1,600 mm)



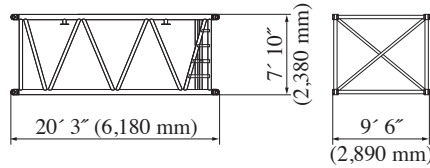
Crane Mast (Standard)

Weight: 26,235 lbs (11,900 kg)



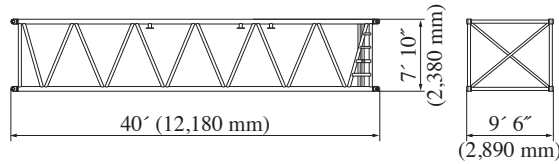
20 ft (6 m) Insert Boom

Weight: with guy line $\times$ 4 5,335 lbs (2,420 kg)
without guy line 4,630 lbs (2,100 kg)



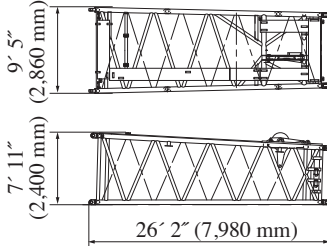
40 ft (12 m) Insert Boom

Weight: with guy line $\times$ 4 10,207 lbs (4,630 kg)
without guy line 9,039 lbs (4,100 kg)



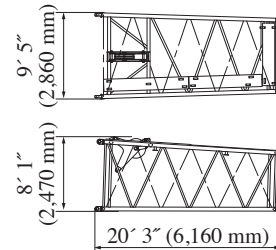
26 ft (7.8 m) Tapered Boom

Weight: with guy line $\times$ 4 7,937 lbs (3,600 kg)
without guy line 7,055 lbs (3,200 kg)



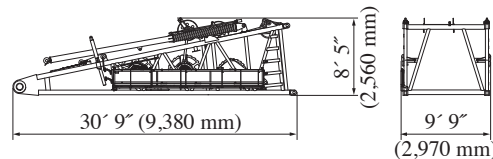
20 ft (6 m) Tapered Boom

With idler sheave.
Weight: with guy line $\times$ 4 4,233 lbs (1,920 kg)
without guy line 3,527 lbs (1,600 kg)



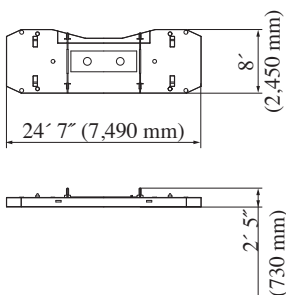
30 ft (9 m) Boom Base

With H1, H2 and W2 winches including ropes, guide sheave, and boom backstop, auxiliary platform.
Weight: 54,013 lbs (24,500 kg)



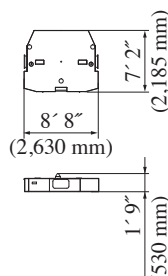
Base Counterweight

Weight: 44,092 lbs (20,000 kg)



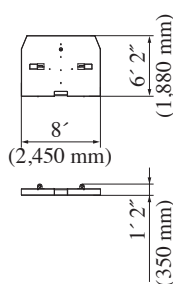
Carbody Weight

Counterweight
Weight: 22,046 lbs (10,000 kg)



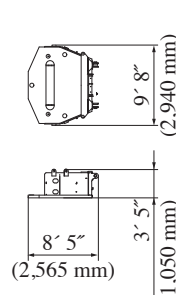
Counterweight

Weight: 11,023 lbs (5,000 kg)



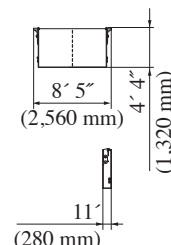
Base Carbody Weight

Weight: 12,423 lbs (5,635 kg)



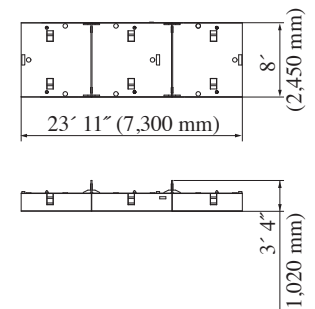
Crawler Weight

Weight: 11,023 lbs (5,000 kg)



SHL Counterweight

Weight: 20,503 lbs (9,300 kg)

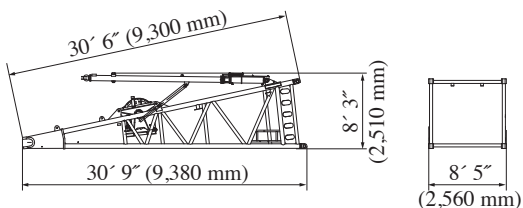


SL4500G

Dimensions: ft-in (mm) Weight: lbs (kg)

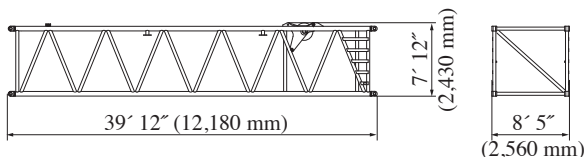
HL Mast Base

With W3 winch Include wire rope, mast backstop.
Weight: 17,857 lbs (8,100 kg)



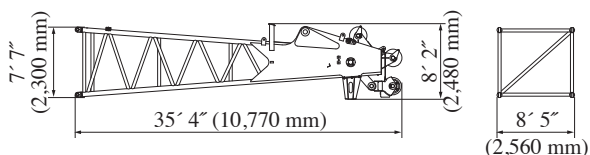
HL 40 ft (12 m) Insert Mast

With idler sheave.
Weight: with guy line $\times 4$ 9,193 lbs (4,170 kg)
without guy line 8,377 lbs (3,800 kg)



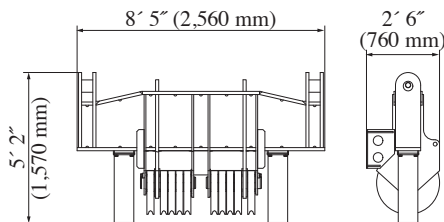
30 ft (9 m) HL Mast tip

Weight: with guy line $\times 4$ 18,496 lbs (8,390 kg)
without guy line 17,637 lbs (8,000 kg)



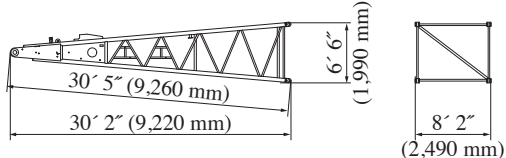
Hanger Sheave

Weight: 3,968 lbs (1,800 kg)



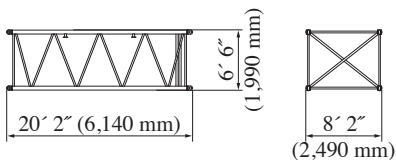
30 ft (9 m) Jib Base

Weight: 6,173 lbs (2,800 kg)



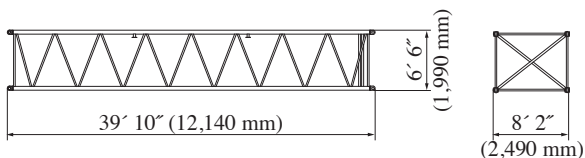
20 ft (6 m) Insert Jib

Weight: 3,086 lbs (1,400 kg)



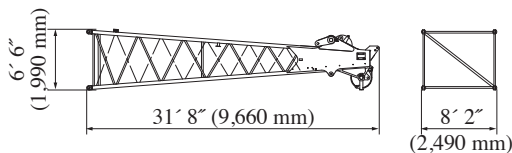
40 ft (12 m) Insert Jib

Weight: 5,291 lbs (2,040 kg)



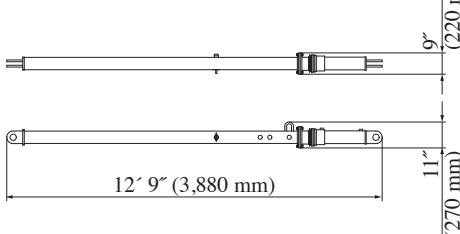
30 ft (9 m) Jib Tip

Weight: 5,291 lbs (2,400 kg)



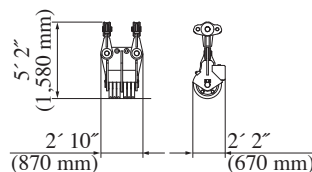
Jib Backstop

Weight: 276 lbs $\times 2$ (125 kg $\times 2$)



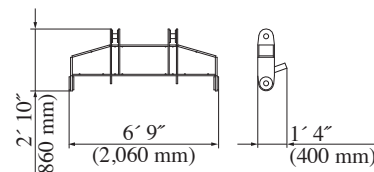
Upper Spreader For HL

Weight: 1,720 lbs (780 kg)



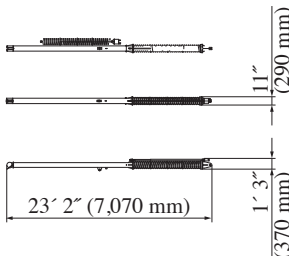
Guy Cable Expanding Bracket For SHL/LF

Weight: 772 lbs (350 kg)



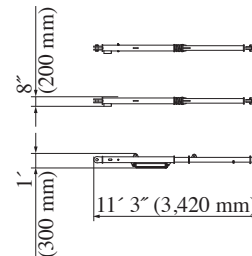
Boom Backstop

Weight: 4,189 lbs (1,900 kg) 1 SET (2)



Jib Backstop

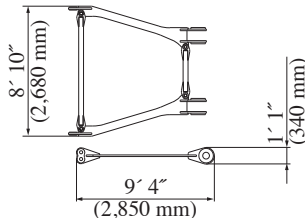
Weight: 419 lbs (190 kg) 1 SET (2)



Spreader

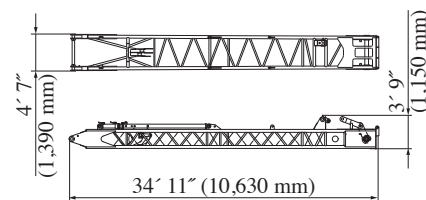
(For SHL Counterweight Guy Line)

Weight: 1,213 lbs (550 kg)



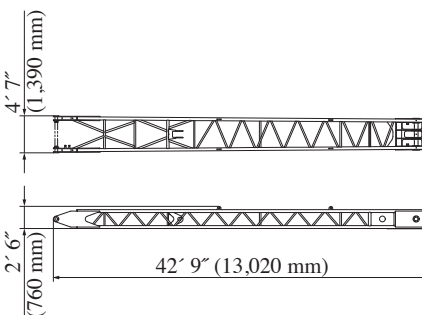
Rear Strut

Weight: 7,363 lbs (3,340 kg)



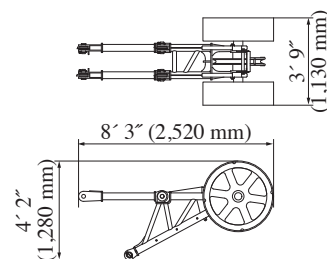
Front Strut

Weight: 6,173 lbs (2,800 kg)



Auxiliary Sheave (For Jib)

Weight: 1,389 lbs (630 kg)



Note: This catalog may contain photographs of machines with specifications, attachments and optional equipment not certified for operation in your country. Please consult KOBELCO for those items you may require. Due to our policy of continual product improvements all designs and specifications are subject to change without advance notice.

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