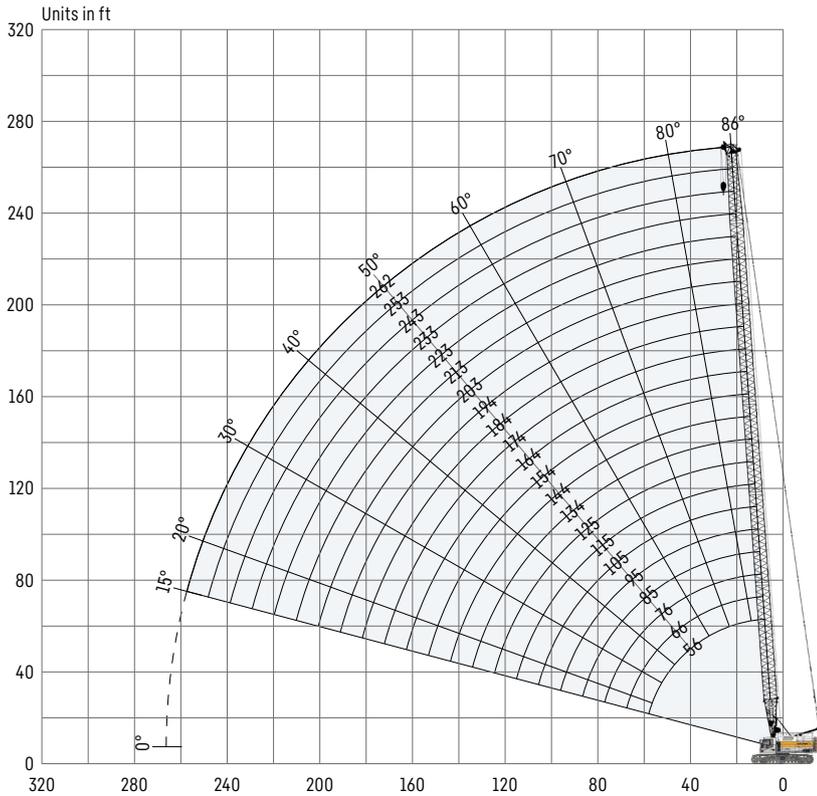


# Main boom 2017.xx

## Main boom lengths 56-262 ft



### Auxiliary jib 79,366 lbs (option)

The maximum capacity of the auxiliary jib is 79,366 lbs. The corresponding load chart is programmed in the LML system.

### Main boom configuration 2017.xx

Boom section	Amount of boom sections											
	1	1	1	1	1	1	1	1	1	1	1	1
Boom foot 23 ft	1	1	1	1	1	1	1	1	1	1	1	1
Boom section 10 ft		1		1		1		1		1		1
Boom section 20 ft			1	1			1	1			1	1
Boom section 40 ft					1	1	1	1	2	2	2	2
Boom head 33 ft	1	1	1	1	1	1	1	1	1	1	1	1
<b>Boom length [ft]</b>	<b>56</b>	<b>66</b>	<b>76</b>	<b>85</b>	<b>95</b>	<b>105</b>	<b>115</b>	<b>125</b>	<b>134</b>	<b>144</b>	<b>154</b>	<b>154</b>
Auxiliary jib	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Boom foot 23 ft	1	1	1	1	1	1	1	1	1	1	1	1
Boom section 10 ft	1		1		1		1		1			1
Boom section 20 ft	1			1	1			1	1			
Boom section 40 ft	2	3	3	3	3	4	4	4	4	5	5	5
Boom head 33 ft	1	1	1	1	1	1	1	1	1	1	1	1
<b>Boom length [ft]</b>	<b>164</b>	<b>174</b>	<b>184</b>	<b>194</b>	<b>203</b>	<b>213</b>	<b>223</b>	<b>233</b>	<b>243</b>	<b>253</b>	<b>262</b>	<b>262</b>
Auxiliary jib	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Actual lengths of boom sections are metric (e.g. 3m, 6m). The figures shown above are approximate conversions to feet.

# Load capacities with main boom

## Load capacities in 1000 lbs

	Boom length [ft]												
	56	66	85	105	125	144	164	184	203	223	233	253	262
11.3	302.5												
13.2	302.5												
15	291.0	289.5	247.5	207.1									
20	222.2	221.6	209.6	189.6	163.3	140.4	119.8						
25	180.1	178.5	175.5	166.8	148.6	129.3	113.6	98.9	83.6	68.5	62.9	52.5	
30	150.5	149.4	146.7	144.3	136.2	118.4	107.3	95.8	80.8	66.9	61.8	52.2	46.3
35	126.5	126.6	126.4	123.4	119.3	110.7	101.5	92.4	78.5	65.4	60.4	51.0	45.2
40	105.0	105.0	104.9	104.8	104.5	99.0	95.7	89.8	76.3	63.2	58.6	49.9	44.3
45	89.4	89.5	89.4	89.2	88.8	88.5	86.3	84.5	74.5	61.3	56.7	48.4	42.6
50	77.6	77.7	77.6	77.4	77.0	76.7	76.2	75.8	70.0	60.0	55.3	47.1	41.1
55	68.2	68.4	68.3	68.2	67.8	67.4	66.9	66.5	64.6	56.9	53.5	46.1	40.0
60		61.0	60.9	60.7	60.3	59.9	59.5	59.0	58.5	54.0	51.1	44.7	38.7
65		54.7	54.8	54.6	54.2	53.8	53.3	52.9	52.4	51.4	48.9	43.2	37.2
70		11.7	49.7	49.5	49.1	48.7	48.2	47.7	47.2	46.7	46.5	41.9	35.8
75		10.6	45.3	45.2	44.7	44.4	43.8	43.4	42.8	42.3	42.1	40.7	34.6
80		9.6	41.5	41.4	41.0	40.6	40.1	39.6	39.1	38.6	38.3	37.8	33.5
90		8.0	12.0	35.3	34.9	34.5	34.0	33.5	33.0	32.4	32.2	31.6	31.0
95		7.3	10.7	32.8	32.4	32.0	31.5	31.0	30.4	29.9	29.6	29.1	28.7
100			6.8	30.5	30.1	29.8	29.2	28.7	28.2	27.7	27.4	26.8	26.6
110			5.7	5.7	26.4	26.0	25.5	25.0	24.5	23.9	23.6	23.1	22.8
115			5.3	5.2	24.7	24.4	23.8	23.4	22.8	22.3	22.0	21.4	21.1
120			4.9	4.8	23.2	22.9	22.3	21.9	21.3	20.8	20.5	19.9	19.6
125				4.4	21.7	21.5	21.0	20.5	19.9	19.4	19.1	18.5	18.2
130				4.1	3.9	20.2	19.7	19.2	18.7	18.1	17.8	17.3	17.0
135				3.8	3.6	19.0	18.5	18.1	17.5	17.0	16.7	16.1	15.8
140						17.9	17.4	17.0	16.4	15.9	15.6	15.0	14.7
145						16.9	16.4	16.0	15.4	14.9	14.6	14.0	13.7
150							15.5	15.0	14.5	13.9	13.7	13.1	12.8
155							14.6	14.2	13.6	13.1	12.8	12.2	11.9
160							13.8	13.4	12.8	12.3	12.0	11.4	11.1
165								12.6	12.0	11.5	11.2	10.7	10.3
170								11.9	11.3	10.8	10.5	9.9	9.6
180								10.5	10.0	9.5	9.2	8.6	8.3
185									9.4	8.9	8.6	8.0	7.7
190									8.8	8.3	8.0	7.5	7.2
195									8.3	7.8	7.5	6.9	6.6
200									7.7	7.3	7.0	6.4	6.1
205										6.8	6.5	5.9	5.6
210										6.3	6.0	5.5	5.2
215										5.8	5.6	5.0	4.7
220										5.4	5.2	4.6	4.3
225											4.7	4.2	3.9
230											4.3	3.8	3.5
240												3.1	2.8
250												2.4	2.1

Carbody counterweight: 44,100 lbs

Rear counterweight:

93,300 lbs

115,300 lbs



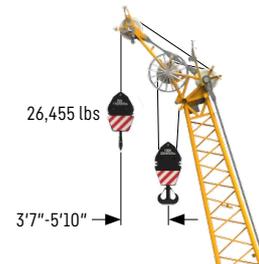
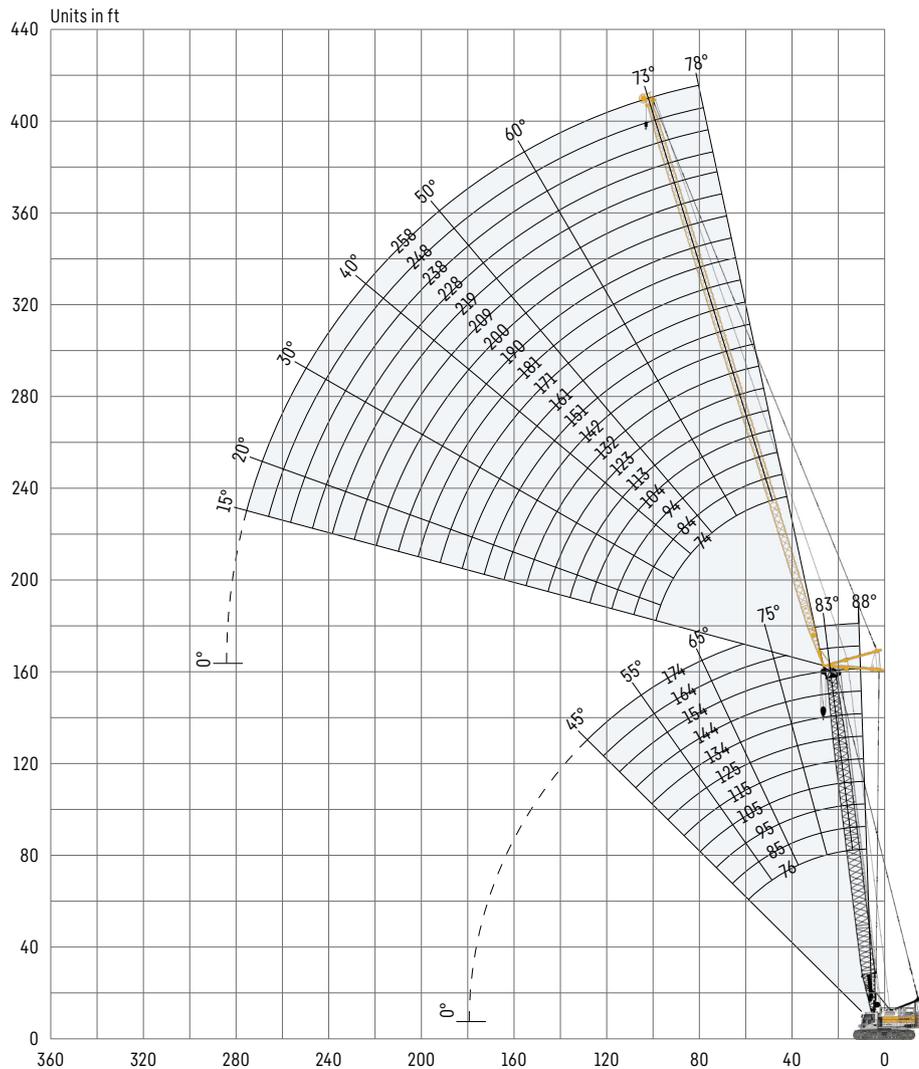
TLT 13639066.295612. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

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Crane Planner 2.0

# Luffing jib 1309.xx

## Jib lengths 74-258 ft



**Auxiliary jib 26,455 lbs (option)**  
 The maximum capacity of the auxiliary jib is 26,455 lbs.

### Jib configuration 1309.xx

Jib section	Amount of jib sections																			
	74	84	94	104	113	123	132	142	151	161	171	181	190	200	209	219	228	238	248	258
Jib foot 18 ft	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Jib section 10 ft		1		1		1		1		1		1		1		1		1		1
Jib section 20 ft			1	1			1	1			1	1			1	1			1	1
Jib section 38 ft	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5
Jib head 18 ft	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>Jib length [ft]</b>	<b>74</b>	<b>84</b>	<b>94</b>	<b>104</b>	<b>113</b>	<b>123</b>	<b>132</b>	<b>142</b>	<b>151</b>	<b>161</b>	<b>171</b>	<b>181</b>	<b>190</b>	<b>200</b>	<b>209</b>	<b>219</b>	<b>228</b>	<b>238</b>	<b>248</b>	<b>258</b>
Auxiliary jib	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Actual lengths of boom sections are metric (e.g. 3 m, 6 m). The figures shown above are approximate conversions to feet.  
 For main boom configuration please refer to the table on page 18.

# Load capacities with luffing jib

Load capacities in 1000 lbs with 76 ft main boom [88/83/75/65°]

Radius [ft]	Jib length 74 ft				Jib length 113 ft				Jib length 151 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
27	104.9											
35	94.9	97.4			68.1							
45	78.6	90.0			65.5				42.2			
55	66.4	72.1			59.4	64.9			40.1			
60	61.9	64.7	53.0		56.0	62.3			39.0			
70	53.2	53.6	51.2		49.5	52.9			37.3	38.7		
75	49.1	49.2	47.1		46.0	48.6			36.5	37.8		
85		42.2	40.4	38.2	40.6	41.7	39.7		34.8	36.3		
90			37.7	35.6	38.0	38.9	37.0		33.3	35.8		
100			26.6	31.3	33.5	34.2	32.5		30.7	32.6	31.6	
105				29.5	31.7	32.2	30.6		29.6	31.3	29.7	
115					28.2	28.7	27.3	21.8	26.9	28.0	26.5	
120					26.6	27.2	25.9	20.6	25.5	26.6	25.1	
130							23.4	18.6	23.0	24.0	22.6	21.0
135							22.3	18.2	22.0	22.8	21.5	20.0
145								18.2	20.0	20.8	19.6	18.2
150								18.2	19.0	19.9	18.7	17.3
160										18.2	17.1	15.9
165											16.4	15.2
175												14.0
180												13.4
185												12.9
Radius [ft]	Jib length 190 ft				Jib length 228 ft				Jib length 258 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
45	35.8											
60	24.8				15.6							
65	24.2	19.6			15.3							
80	22.6	23.3			14.1				9.3			
90	21.6	22.3			13.5	13.9			8.7			
110	20.2	20.7	21.2		12.3	12.7			7.7	8.0		
120	19.5	20.0	20.5		11.9	12.2			7.3	7.6		
135	18.5	19.1	19.6	3.1	11.3	11.5	11.9		6.8	7.0		
140	17.9	18.7	19.2	2.8	11.1	11.3	11.7		6.6	6.8	7.1	
150	16.9	17.6	17.9	16.5	10.7	10.9	11.3		6.3	6.5	6.8	
160	16.0	16.7	16.4	15.0	10.5	10.6	10.9		6.0	6.2	6.4	
180	13.7	14.7	13.8	12.6	10.0	10.1	10.3	10.3	5.6	5.7	5.9	
190	12.4	13.4	12.7	11.6	9.8	9.9	10.1	10.0	5.5	5.5	5.7	5.8
200		12.6	11.7	10.7	9.5	9.7	9.9	9.8	5.3	5.4	5.5	5.6
210			10.9	9.9	8.9	9.3	9.7	9.0	5.2	5.2	5.3	5.4
220				9.1	8.3	8.7	9.3	8.3	5.0	5.1	5.2	5.3
230					7.9	8.1	8.6	7.6	5.0	5.0	5.0	5.1
240							7.9	7.0	4.9	4.9	4.9	5.0
250								6.4	4.8	4.8	4.9	4.9
260								6.0	4.7	4.8	4.8	4.8
270											4.8	4.7
285												4.1

Carbody counterweight: 44,100 lbs  
 Rear counterweight:  
 115,300 lbs



TLT 13639066.295612. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

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# Load capacities with luffing jib

Load capacities in 1000 lbs with 125 ft main boom [88/83/75/65°]

Radius [ft]	Jib length 74 ft				Jib length 113 ft				Jib length 151 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
30	77.3											
40	68.1				53.8							
45	63.3				52.7				34.6			
55	55.6	60.6			48.4				33.9			
60	52.7	57.1			46.2	49.6			33.3			
70	47.6	49.9			42.8	45.5			32.2	33.6		
75	45.5	46.8	44.2		40.9	43.7			31.3	33.1		
85		41.3	37.9		38.0	39.9			30.0	31.4		
90		38.5	35.4		36.5	37.9	34.4		29.0	30.6		
100			31.1		33.8	33.3	30.2		27.3	29.1		
105			29.3	26.0	32.7	31.4	28.5		26.6	28.2		
115				23.2	29.3	28.0	25.4		25.0	26.7	24.5	
120				22.0	27.6	26.6	24.1		24.1	25.8	23.1	
130				19.9		24.0	21.7	19.0	22.4	23.3	20.8	
135							20.7	18.1	21.7	22.2	19.8	
145							18.8	16.4	20.2	20.2	18.0	
150							18.0	15.7	19.4	19.3	17.2	14.7
160								14.4		17.7	15.7	13.4
175											13.9	11.8
185											12.7	10.8
190												10.4
205												9.1
Radius [ft]	Jib length 190 ft				Jib length 228 ft				Jib length 258 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
55	22.3											
65	21.5				13.8							
70	21.1				13.5				9.2			
80	20.5	21.0			12.9				8.7			
85	20.1	20.9			12.6				8.4			
95	19.3	20.2			12.2	12.7			7.9			
100	19.0	19.8			11.9	12.4			7.7	8.0		
120	17.9	18.5			11.1	11.4			6.9	7.3		
125	17.7	18.2	18.4		10.9	11.2			6.7	7.1		
135	17.3	17.7	17.9		10.5	10.9			6.4	6.7		
140	16.9	17.5	17.6		10.3	10.7	11.0		6.3	6.6		
150	16.2	16.8	16.3		10.1	10.4	10.7		6.0	6.3		
155	15.9	16.5	15.6		9.9	10.2	10.6		5.8	6.1	6.5	
180	13.9	14.3	12.5	10.3	9.4	9.6	9.8		5.3	5.5	5.8	
200		12.2	10.6	8.6	9.0	9.3	9.2	7.7	5.0	5.2	5.4	
220			9.0	7.3	8.3	8.8	8.2	6.4	4.8	4.9	5.1	5.2
225				7.0	8.1	8.6	7.9	6.1	4.7	4.8	5.0	5.0
240				6.1		8.0	6.9	5.2	4.6	4.7	4.8	4.3
250							6.3	4.8	4.5	4.6	4.7	3.8
270								3.9		4.5	4.3	3.0
280								3.5			4.0	2.7
300												2.0

Carbody counterweight: 44,100 lbs  
 Rear counterweight:  
 115,300 lbs



TLT 13639066.295612. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

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# Load capacities with luffing jib

Load capacities in 1000 lbs with 144 ft main boom [88/83/75/65°]

Radius [ft]	Jib length 74 ft				Jib length 113 ft				Jib length 151 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
30	65.4											
40	58.3				45.9							
45	54.5				44.1							
55	48.5	52.9			40.5				30.2			
60	46.1	49.5			38.6	41.2			29.8			
70	41.9	43.9			35.6	38.3			28.8			
75	40.3	41.6			34.0	36.3			27.8	29.4		
85		37.5	36.7		31.5	33.1			26.3	27.7		
90		36.0	34.3		30.1	31.6			25.4	26.6		
100			30.1		27.5	29.2	29.2		23.8	25.2		
105			28.4		26.5	28.1	27.5		23.1	24.2		
115			25.3	21.8	25.0	26.2	24.5		21.9	22.6	22.8	
120				20.7	24.2	25.3	23.2		21.3	22.0	22.1	
130				18.6		23.5	20.9		20.2	20.7	20.0	
135				17.7		15.0	19.9	16.8	19.7	20.0	19.0	
145							18.1	15.2	18.7	19.0	17.3	
150							17.3	14.5	18.2	18.5	16.5	
160								13.3		17.4	15.1	12.3
165								12.7		16.7	14.4	11.7
180										12.7	10.3	
200											8.7	
215											7.7	
Radius [ft]	Jib length 190 ft				Jib length 228 ft				Jib length 258 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
55	20.4											
65	19.7				13.1							
70	19.4				12.8				8.7			
80	18.9				12.2				8.3			
85	18.6	19.5			12.0				8.1			
95	18.0	18.9			11.5	12.0			7.6			
100	17.8	18.5			11.3	11.9			7.4			
120	16.5	17.1			10.6	11.0			6.6	7.1		
125	16.2	16.6			10.4	10.8			6.4	6.9		
135	15.8	15.9	15.7		10.1	10.5			6.2	6.5		
140	15.4	15.6	15.4		9.9	10.3			6.0	6.4		
150	14.7	15.0	14.8		9.6	10.0	10.1		5.8	6.1		
155	14.4	14.7	14.4		9.5	9.8	9.9		5.6	6.0		
180	13.0	13.2	11.9	9.3	9.0	9.2	9.1		5.1	5.4	5.7	
200		11.8	10.0	7.7	8.7	8.7	8.4		4.8	5.0	5.2	
220			8.5	6.5	8.1	8.2	7.5	5.3	4.6	4.8	4.9	4.0
225			8.2	6.2	7.9	8.0	7.3	5.0	4.6	4.7	4.8	3.8
240				5.4		7.5	6.5	4.3	4.5	4.5	4.6	3.1
250				4.9			5.9	3.9	4.4	4.5	4.4	2.7
270								3.1		4.3	3.9	2.0
280								2.8			3.5	
295											3.0	

Carbody counterweight: 44,100 lbs  
 Rear counterweight:  
 115,300 lbs



TLT 13639066.295612. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

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# Load capacities with luffing jib

Load capacities in 1000 lbs with 164 ft main boom [88/83/75/65°]

Radius [ft]	Jib length 74 ft				Jib length 104 ft				Jib length 132 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
35	54.1											
45	47.9				40.7				32.7			
50	45.7				38.8				32.1			
60	41.1	43.3			35.4	37.2			30.2			
65	39.4	41.1			34.1	35.9			29.2			
75	36.5	36.6			31.1	32.4			27.1	28.3		
80	35.3	35.1			30.1	31.0			26.2	27.3		
90		32.6	30.8		27.7	28.1			24.3	25.1		
95		31.2	29.1		26.8	27.1			23.5	24.1		
105			26.5		24.6	25.3	24.1		22.2	22.2		
110			25.4		23.3	24.5	22.9		21.6	21.5	20.7	
120			23.1			22.8	21.1		20.5	20.2	19.1	
125				18.2		21.9	20.2		19.8	19.6	18.3	
135				16.4			18.7		17.6	18.6	17.0	
140				15.6			18.3	14.8	16.5	18.0	16.4	
150							16.4	13.4		16.7	15.1	
155								12.8			14.6	12.1
160								12.3			14.2	11.6
170								11.2			13.5	10.6
180												9.7
190												8.9
205												7.8
Radius [ft]	Jib length 161 ft				Jib length 190 ft				Jib length 228 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
50	24.8											
60	24.1				18.6							
65	23.6				18.2				12.0			
75	22.7				17.7				11.6			
80	22.0	22.7			17.5				11.5			
90	20.9	21.4			16.8	17.3			11.0			
95	20.2	20.6			16.5	16.9			10.8			
105	19.0	19.4			16.0	16.1			10.4	11.0		
110	18.4	18.7			15.6	15.6			10.2	10.8		
120	17.5	17.4	16.4		14.7	14.9			10.0	10.4		
130	16.7	16.4	15.7		14.0	14.0			9.7	10.1		
140	15.9	15.6	14.5		13.4	13.3	12.6		9.4	9.8		
150	15.1	14.8	13.4		12.8	12.6	11.9		9.1	9.3	8.5	
160	14.1	14.1	12.6		12.3	12.0	11.0		8.9	8.8	8.2	
170		13.3	11.7		11.8	11.4	10.3		8.6	8.5	7.9	
190			10.5	8.1	10.8	10.4	9.0	7.3	8.0	7.8	7.0	
200			10.0	7.4		9.8	8.4	6.6	7.8	7.4	6.7	
215				6.5			7.8	5.8	7.4	7.0	5.9	4.2
225				5.9			7.4	5.3	7.1	6.7	5.4	3.7
240								4.6		6.2	4.9	3.1
250								4.1			4.7	2.7
270											4.2	2.0

Carbody counterweight: 44,100 lbs  
 Rear counterweight:  
 115,300 lbs



TLT 13639066.295612. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

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# Load capacities with luffing jib

Load capacities in 1000 lbs with 174 ft main boom [88/83/75/65°]

Radius [ft]	Jib length 74 ft				Jib length 94 ft				Jib length 113 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
35	49.8				43.7							
40	47.0				42.0				36.9			
45	44.4				39.9				35.8			
55	40.0	42.5			36.2				33.1			
60	38.1	39.9			34.8	36.5			31.5			
70	35.0	35.4			31.6	32.5			29.2	30.1		
75	33.8	33.5			30.5	31.0			27.9	28.6		
85	31.0	30.9			28.3	27.9			25.9	26.1		
90		30.0	27.4		27.4	26.9			25.0	24.8		
100		27.3	24.7		24.9	25.1	23.0		23.5	22.9		
105			23.6			24.4	21.9		22.8	22.2	20.6	
115			21.7			22.4	20.0		20.7	20.9	18.8	
120			21.2				19.1		19.6	20.3	17.9	
130				16.6			17.7			18.9	16.6	
135				15.8			17.3			18.1	15.9	
145				14.3			16.0	13.8			14.8	
150				13.6							14.4	12.6
160											13.7	11.5
165								11.5				11.0
175												10.1
180												9.7
190												8.9
Radius [ft]	Jib length 132 ft				Jib length 151 ft				Jib length 161 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
45	30.6											
55	29.1				25.1				23.0			
60	28.2				24.6				22.7			
70	26.1	26.7			23.6				21.8			
75	25.2	25.9			22.7	22.9			21.3			
85	23.5	23.7			21.3	21.6	23.7		19.9	20.2		
90	22.6	22.8			20.7	20.8			19.4	19.5		
100	21.3	21.0			19.3	19.3			18.2	18.2		
105	20.7	20.2			18.7	18.7			17.6	17.6		
115	19.5	18.9	17.4		17.8	17.3			16.6	16.4		
120	19.1	18.3	16.7		17.3	16.8	15.3		16.2	15.8		
130	17.6	17.3	15.3		16.4	15.8	14.2		15.4	14.9	13.6	
140	15.9	16.4	14.2		15.7	14.9	13.1		14.7	14.1	12.5	
150		15.3	13.1		14.6	14.2	12.2		14.1	13.3	11.5	
160			12.2	11.0		13.4	11.3		13.2	12.7	10.8	
170			11.7	10.0		12.5	10.5	9.5		12.0	10.0	
180			11.1	9.1			9.9	8.7		11.2	9.3	8.3
190				8.4			9.5	7.9			8.8	7.6
200				7.7			8.9	7.2			8.4	6.9
210				7.1				6.6				6.3
220								6.0				5.8
235												5.0

Carbody counterweight: 44,100 lbs  
 Rear counterweight:  
 115,300 lbs

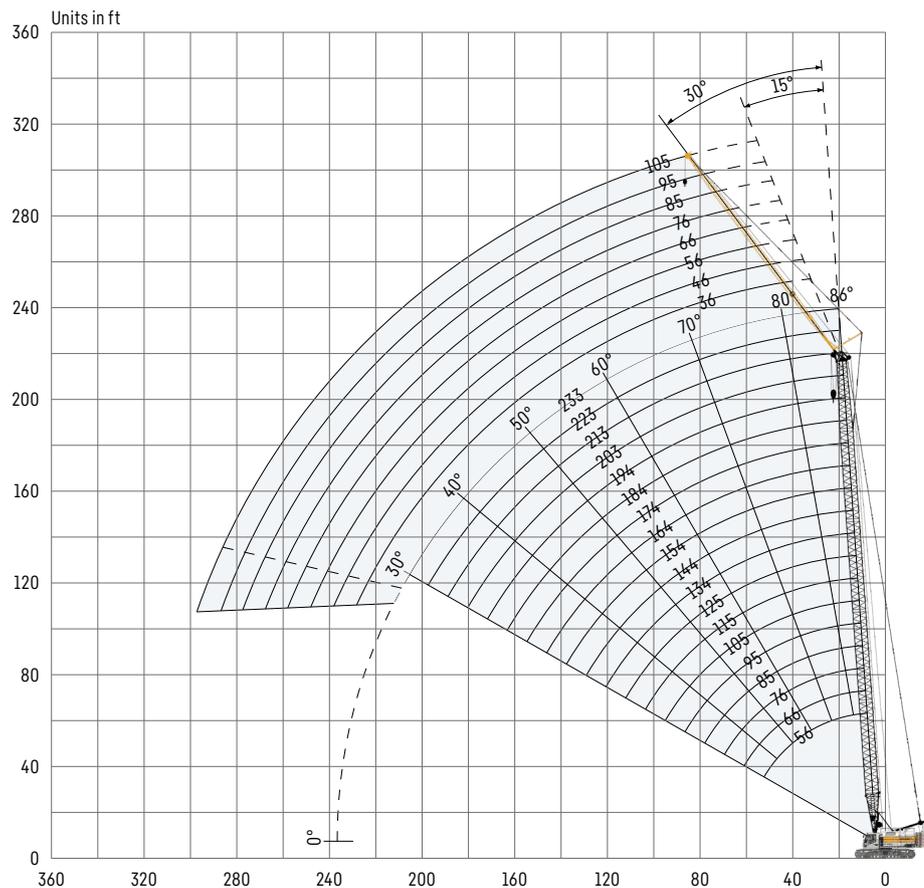


TLT 13639066.295612. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

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# Fixed jib 0806.xx

## Jib lengths 36-105 ft



### Jib configuration 0806.xx

Jib section	Amount of jib sections							
Jib foot 18 ft	1	1	1	1	1	1	1	1
Jib section 10 ft		1		1		1		1
Jib section 20 ft			1	1	2	2	3	3
Jib head 18 ft	1	1	1	1	1	1	1	1
<b>Jib length [ft]</b>	<b>36</b>	<b>46</b>	<b>56</b>	<b>66</b>	<b>76</b>	<b>85</b>	<b>95</b>	<b>105</b>

Actual lengths of boom sections are metric (e.g. 3 m, 6 m). The figures shown above are approximate conversions to feet. For main boom configuration please refer to the table on page 18.

# Load capacities with fixed jib

## Load capacities in 1000 lbs with 85 ft main boom

	Jib length 36 ft		Jib length 46 ft		Jib length 66 ft		Jib length 85 ft		Jib length 105 ft	
	15°	30°	15°	30°	15°	30°	15°	30°	15°	30°
20	51.5		37.2							
30	49.8	44.2	35.9							
40	47.5	40.4	33.4	29.1	22.8					
50	43.3	37.0	31.4	27.7	21.6	19.2	15.6		11.4	
60	39.7	34.2	29.6	26.5	20.6	18.3	14.8	13.6	10.8	
70	36.3	31.9	28.0	25.6	19.8	17.6	14.1	13.1	10.1	
80	32.8	30.1	26.8	24.8	18.8	17.2	13.4	12.7	9.6	8.8
100	27.0	24.5	23.1	21.7	17.0	16.2	12.4	12.0	8.8	8.2
110	25.9	24.3	21.9	19.9	16.3	15.5	12.0	11.7	8.3	7.8
130					15.1	14.4	11.4	11.3	7.7	7.4
140					14.6	14.2	11.1	11.0	7.4	7.2
160							10.8	10.8	7.0	7.0
170									7.0	6.9
185									6.5	6.9

## Load capacities in 1000 lbs with 115 ft main boom

	Jib length 36 ft		Jib length 46 ft		Jib length 66 ft		Jib length 85 ft		Jib length 105 ft	
	15°	30°	15°	30°	15°	30°	15°	30°	15°	30°
20	49.9									
35	48.0	39.0	35.2	29.9	23.8					
40	46.0	37.4	34.3	29.4	23.0					
55	40.7	33.6	31.8	27.5	21.5	19.0	15.3		11.1	
60	38.9	32.4	31.0	27.0	21.1	18.6	15.0	13.6	10.8	
75	34.4	29.7	29.0	24.8	19.8	17.7	14.1	13.0	10.1	9.1
80	33.1	28.9	28.0	24.2	19.4	17.4	13.8	12.8	9.9	8.9
100	28.5	26.1	24.8	22.0	17.8	16.3	12.9	12.3	9.0	8.4
120	24.0	23.0	21.2	19.6	16.3	15.3	12.1	11.8	8.4	7.9
140	18.6	18.4	18.8	17.8	14.7	13.6	11.3	11.3	7.9	7.5
150			17.4	17.1	14.2	12.9	10.9	10.7	7.6	7.4
170					13.4	12.8	10.2	9.7	7.3	7.2
190							9.7	9.6	7.1	7.1
210									7.0	7.1

## Load capacities in 1000 lbs with 144 ft main boom

	Jib length 36 ft		Jib length 46 ft		Jib length 66 ft		Jib length 85 ft		Jib length 105 ft	
	15°	30°	15°	30°	15°	30°	15°	30°	15°	30°
25	45.5									
40	39.5	35.6	34.0	29.2	23.0					
50	34.9	33.5	32.4	27.5	22.1	19.1	15.3			
70	27.8	29.1	28.3	24.9	20.4	17.9	14.1	13.0	10.2	
80	25.1	26.9	26.3	23.7	19.7	17.5	13.7	12.7	9.8	8.8
100	20.4	21.8	21.6	21.5	18.6	16.2	12.9	12.2	9.1	8.3
110	19.1	19.9	20.0	20.4	17.9	15.7	12.6	11.9	8.8	8.2
130	16.6	16.7	17.1	17.7	16.8	14.7	11.9	11.4	8.3	7.8
140	15.3	15.5	15.9	16.1	15.7	14.2	11.7	11.0	8.0	7.6
165	10.9	11.1	12.4	12.7	14.1	12.9	10.9	10.4	7.6	7.4
180					11.0	10.8	10.2	9.6	7.3	7.2
200							8.4	8.4	7.0	7.1
215							7.2	7.3	6.6	6.9
235									6.1	6.3

Carbody counterweight: 44,100 lbs  
 Rear counterweight:  
 115,300 lbs

TLT 13639066.295612. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

## Load capacities with fixed jib

Load capacities in 1000 lbs with 194 ft main boom

	Jib length 36 ft		Jib length 46 ft		Jib length 66 ft		Jib length 85 ft		Jib length 105 ft	
	15°	30°	15°	30°	15°	30°	15°	30°	15°	30°
25	35.9									
40	31.6	31.8	29.7	26.1	20.0					
55	28.3	28.9	27.5	24.0	19.6	17.8	12.7		9.1	
70	26.1	26.0	25.6	22.2	19.1	16.6	12.4	11.9	8.8	
85	23.7	23.4	23.4	20.8	18.6	15.5	12.1	11.8	8.6	8.3
100	20.1	21.4	21.9	19.4	17.3	14.6	11.8	11.2	8.4	8.1
120	13.5	14.6	15.1	15.7	15.1	13.5	11.5	10.4	8.1	7.8
140	9.6	10.1	10.5	11.2	11.6	11.6	10.6	9.8	7.9	7.6
160	6.9	7.3	7.7	8.2	9.0	9.9	9.7	9.1	7.6	7.4
180	4.5	5.0	5.5	5.9	6.5	7.5	8.0	8.6	7.3	6.9
200	2.0	2.4	2.9	3.4	4.5	5.5	5.8	6.4	5.9	6.6
225						2.5	3.6	4.2	4.2	4.9
240							2.2	2.6	3.2	4.1
255									2.1	2.9

Load capacities in 1000 lbs with 223 ft main boom

	Jib length 36 ft		Jib length 46 ft		Jib length 66 ft		Jib length 85 ft		Jib length 105 ft	
	15°	30°	15°	30°	15°	30°	15°	30°	15°	30°
25	30.1									
35	28.1	28.5	24.9		19.7					
40	26.6	27.5	24.7	24.1	19.5		16.6			
55	23.3	24.3	22.9	22.5	19.1	19.0	16.3	16.4	13.3	
60	22.2	23.3	21.8	21.9	19.0	18.7	16.3	16.3	13.2	13.1
75	19.6	20.2	19.4	19.9	18.6	17.6	16.0	15.4	13.0	13.0
80	18.6	19.6	18.7	19.2	18.5	17.2	15.9	15.1	13.0	12.9
100	15.5	15.6	15.9	16.4	16.0	15.8	15.1	13.9	12.7	12.2
120	10.3	11.6	12.3	14.0	13.6	14.1	14.1	12.7	12.5	11.4
140	5.9	6.8	7.2	8.5	8.5	10.4	9.8	11.3	10.4	10.6
150	4.6	5.0	5.3	6.4	6.5	8.0	7.4	8.9	8.2	9.4
170	2.6	3.0	3.1	3.6	3.8	4.5	4.0	5.1	4.7	5.9
190							2.3	2.9	2.8	3.4
205										2.3

Carbody counterweight: 44,100 lbs  
 Rear counterweight:  
 115,300 lbs

TLT 13639066.295612. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.



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