

# Load capacities with main boom

## Load capacities in 1000 lbs

	Boom length [ft]											
	66	85	105	144	164	184	203	223	243	262	292	312
16.1	881.8 *											
20	761.2	756.5	756.4									
25	617.2	611.1	609.8	595.5	586.1	533.8						
30	521.2	513.8	512.5	502.1	493.6	482.2	438.6	396.4	348.8	316.0		
35	444.9	443.9	438.4	428.8	423.9	420.2	403.2	377.3	339.4	313.8	263.4	233.7
40	392.9	387.7	384.9	378.1	370.9	365.0	351.4	337.3	323.7	303.4	257.9	231.7
45	347.2	344.1	342.4	334.0	330.7	323.2	310.5	298.7	287.2	276.3	251.2	226.2
50	313.1	310.8	306.3	299.7	295.4	288.2	277.4	267.3	257.3	247.9	234.2	222.2
55	274.3	274.4	274.2	272.2	267.2	259.5	250.1	241.2	232.4	224.0	211.9	204.0
60	243.2	243.4	243.2	241.2	239.8	235.5	227.1	219.2	211.3	203.8	192.8	185.6
65	217.8	218.1	218.1	216.0	214.6	213.4	207.5	200.4	193.2	186.4	176.3	169.7
70	196.4	197.5	197.3	195.1	193.7	192.4	190.6	184.1	177.5	171.2	161.9	155.8
75		179.9	179.8	177.6	176.2	174.8	173.3	169.9	163.7	157.9	149.2	413.5
80		164.8	164.9	162.7	161.2	159.8	158.2	156.8	151.6	146.1	138.0	132.6
90		140.0	140.6	138.5	137.0	135.6	134.0	132.5	130.8	126.2	118.9	114.0
95			130.7	128.6	127.1	125.7	124.0	122.5	120.8	117.8	110.8	406.1
105			113.7	112.0	110.4	109.1	107.4	105.8	104.0	102.4	96.6	92.2
110				104.9	103.4	102.0	100.3	98.7	97.0	95.3	90.4	86.2
120				92.7	91.2	89.8	88.1	86.5	84.7	83.1	79.5	75.4
125				87.4	85.9	84.6	82.8	81.2	79.4	77.8	74.6	70.6
130				82.5	81.1	79.7	78.0	76.4	74.6	72.9	70.1	66.2
140				73.8	72.5	71.1	69.4	67.8	66.0	64.3	61.7	58.2
145				69.8	68.6	67.3	65.6	64.0	62.2	60.5	57.9	54.6
150					65.1	63.8	62.1	60.5	58.7	57.0	54.4	51.3
160					58.6	57.4	55.7	54.2	52.3	50.6	47.6	45.1
165					55.5	54.5	52.8	51.3	49.4	47.6	44.5	42.3
170						51.8	50.1	48.6	46.7	44.7	41.6	39.4
180						46.7	45.2	43.6	41.4	39.5	36.4	34.4
185						44.3	42.9	41.2	39.0	37.1	34.3	32.0
190							40.6	38.9	36.8	35.1	32.0	29.8
200							36.3	34.9	32.8	30.9	27.8	25.6
205							34.5	32.9	30.9	28.9	25.9	23.6
210								31.1	29.0	27.1	24.0	21.8
215								29.2	27.2	25.3	22.3	20.0
220								27.5	25.6	23.6	20.6	18.4
230									22.4	20.5	17.5	15.2
235									20.8	19.0	16.0	13.8
240									19.4	17.6	14.6	12.4
250										14.9	12.0	9.8
255										13.6	10.8	8.5
260										12.4	9.6	7.4
270											7.3	
275											6.2	
280											5.2	
290												

\* with heavy lift configuration

Carbody counterweight: 116,000 lbs with 4.9 ft flat track pads

Rear counterweight:

221,600 lbs	310,700 lbs
265,700 lbs	332,700 lbs



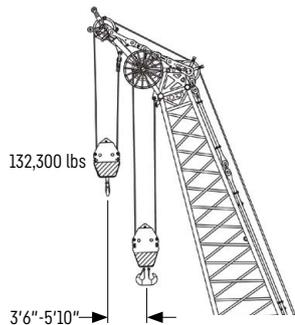
TLT 13630772 / 306561. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

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**Crane Planner 2.0**

# Luffing jib 2421.xx

## Jib lengths 66-361 ft



### Auxiliary jib 132,300 lbs (option)

The maximum capacity of the auxiliary jib is 132,300 lbs.

### Jib configuration 2421.xx

Jib section	Amount of jib sections															
	66	76	85	95	105	115	125	134	144	154	164	174	184	194	203	213
Jib foot 33 ft	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
Jib section 20 ft			1	1		1		1		1		1		1		1
Jib section 40 ft					1	1	1	1	2	2	2	2	3	3	3	3
Jib head 33 ft	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>Jib length [ft]</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>164</b>	<b>174</b>	<b>184</b>	<b>194</b>	<b>203</b>	<b>213</b>
Auxiliary jib	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Jib foot 33 ft	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
Jib section 20 ft			1	1		1		1		1		1		1		1
Jib section 40 ft	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7
Jib head 33 ft	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>Jib length [ft]</b>	<b>223</b>	<b>233</b>	<b>243</b>	<b>253</b>	<b>262</b>	<b>272</b>	<b>282</b>	<b>292</b>	<b>302</b>	<b>312</b>	<b>322</b>	<b>331</b>	<b>341</b>	<b>351</b>	<b>361</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 22.

# Load capacities with luffing jib

Load capacities in 1000 lbs with 66 ft main boom [88/83/75/65°]

Radius [ft]	Jib length 66 ft				Jib length 125 ft				Jib length 184 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
27.5	337.1											
35	337.1											
40	318.1	337.1			288.0							
50	252.3	296.5			239.5							
60	199.6	230.0	250.7		190.1	215.6			171.8			
70	151.6	142.4	206.0		156.4	173.3			147.2			
80		122.5	174.3	169.3	133.8	146.3			126.3	138.5		
90			137.5	146.5	115.4	124.5	143.1		107.8	118.4		
100				128.6	102.3	106.4	123.2		95.5	102.6		
110					89.9	87.2	107.6		84.8	90.8	103.2	
115					84.8	79.4	101.8	106.1	80.0	85.2	96.2	
120					77.8	73.0	95.4	100.7	75.7	80.1	89.7	
130					63.6	67.8	85.1	91.3	68.7	71.8	79.8	
140							76.5	83.3	62.2	64.1	71.2	
150								76.4	56.3	56.0	65.3	72.5
160									51.3	49.0	58.8	66.0
170									46.1	43.9	53.6	60.0
180									40.3	41.2	49.5	54.1
185									37.5	39.9	47.6	51.7
195										37.2	43.8	47.9
200											41.8	46.0
215												40.4
Radius [ft]	Jib length 243 ft				Jib length 312 ft				Jib length 331 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
65	107.0											
80	103.7				53.9							
90	95.3				52.5				44.5			
100	89.1	96.6			50.9				42.9			
110	78.7	85.0			49.0				41.5			
120	69.8	75.2			47.6	50.0			40.0	40.1		
130	64.0	67.5			45.9	47.3			38.9	39.1		
140	57.6	61.0	67.5		43.9	45.2			37.5	38.0		
150	52.0	54.8	60.4		42.3	43.3			36.2	37.0		
160	47.4	49.6	54.9		40.9	41.7			35.1	35.8		
170	43.5	45.5	49.3		37.4	40.3	40.9		34.2	34.9	33.5	
180	39.6	41.1	45.0	49.0	33.3	36.2	38.3		30.9	33.8	33.2	
200	33.0	33.1	37.8	41.6	26.2	30.2	33.5		23.6	27.5	30.8	
220	27.6	27.4	32.0	35.2	20.9	25.1	27.6	29.0	18.2	23.1	25.8	
230	24.5	25.5	29.8	33.0	18.4	22.4	25.4	27.8	15.9	21.2	23.4	
240	21.5	23.6	27.6	30.6	16.0	19.9	22.9	25.2	13.5	18.6	21.3	23.7
250		21.7	25.3	28.2	13.9	17.6	20.5	23.0	11.3	16.1	19.2	21.4
260			23.0	25.9	12.1	15.4	18.3	21.1	9.2	13.7	16.9	19.3
270				23.6	10.2	13.5	16.3	19.0	7.3	11.6	14.8	17.7
280							14.6	17.2	5.6	9.6	12.9	15.8
300								11.1	14.0			12.5
325							6.7	9.2				8.3

Carbody counterweight: 116,000 lbs with 4.9 ft flat track pads

Rear counterweight:

265,700 lbs

310,700 lbs

332,700 lbs



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# Load capacities with luffing jib

Load capacities in 1000 lbs with 105 ft main boom [88/83/75/65°]

Radius [ft]	Jib length 66 ft				Jib length 125 ft				Jib length 184 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
28.8	337.1											
35	337.1											
45	321.8	337.1			284.0							
55	252.0	280.5			239.2				171.6			
65	202.8	229.8			196.8	216.7			163.1			
75	154.3	191.8	184.0		165.8	188.3			148.4			
80		176.8	169.9		152.7	174.8			142.5	156.8		
90			146.9		132.6	150.2			123.4	140.6		
100			129.0	122.6	116.7	130.7	126.4		108.0	122.0		
110				109.1	102.7	115.1	112.4		95.4	107.6		
120					91.0	102.2	101.1		84.3	94.9	97.9	
130					78.2	91.1	91.6	86.0	75.6	83.7	88.5	
140						79.0	83.6	78.4	68.1	75.3	80.6	
150							76.7	72.0	61.3	67.8	73.9	
160								66.4	55.4	58.1	68.0	
170								61.4	50.7	55.4	62.9	58.3
180									46.3	50.8	58.2	54.0
190									41.7	46.3	53.3	50.3
200											48.8	46.9
210											44.3	43.8
220												41.0
230												38.5
Radius [ft]	Jib length 253 ft				Jib length 312 ft				Jib length 361 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
70	89.6											
80	87.7											
90	85.4				49.7							
100	83.3	83.7			48.2				29.0			
110	79.6	82.6			46.6				27.7			
120	73.3	80.9			45.3	47.6			26.6			
130	68.3	74.4			44.1	46.5			25.5	25.5		
140	63.5	68.8			42.7	45.4			24.6	25.1		
150	57.3	63.5	69.8		41.6	44.3			23.7	24.1		
160	51.9	57.2	64.0		40.6	43.2			22.7	23.4		
170	47.4	51.8	58.9		38.8	42.4			21.8	22.6		
180	43.7	47.4	54.4		36.0	40.2	38.8		21.1	21.8		
190	40.0	43.6	49.3		33.6	37.1	38.2		20.3	21.2		
200	36.7	39.9	45.3		31.5	34.3	37.6		18.5	20.4	19.9	
220	31.1	33.7	38.2	37.0	27.8	30.0	32.8		15.5	17.5	18.9	
240	25.5	28.2	32.5	32.3	23.4	25.6	28.8	28.7	13.3	15.2	17.3	
260		22.2	28.0	28.3	19.7	21.5	24.4	24.6			15.5	
280			23.3	24.7	16.3	18.1	20.6	21.0				13.8
300				21.6	12.5	14.6	17.6	18.0				11.0
320						11.0	14.8	15.4				8.3
340								13.0				5.5
350								11.9				

Carbody counterweight: 116,000 lbs with 4.9 ft flat track pads

Rear counterweight:

265,700 lbs

310,700 lbs

332,700 lbs

TLT 13630772 / 306561. 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 luffing jib

Load capacities in 1000 lbs with 154 ft main boom [88/83/75/65°]

Radius [ft]	Jib length 66 ft				Jib length 125 ft				Jib length 184 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
30.5	337.1											
40	337.1											
50	289.2	277.9			239.8							
60	235.1	253.9			214.4				148.0			
70	190.8	201.8			182.0	184.6			144.1			
80		174.2	162.1		157.3	162.6			138.2			
90		150.6	140.2		135.6	145.1			125.1	133.6		
100			123.3		119.3	130.2			110.1	120.4		
110			109.7		105.0	115.9	106.5		98.2	109.4		
120				89.8	93.8	104.2	95.7		86.5	100.1		
130				81.4	82.0	94.4	86.7		77.3	90.3	82.4	
140						86.2	79.1		69.9	80.4	75.8	
150							72.6	64.7	63.0	72.7	69.4	
160							66.9	59.6	57.1	65.6	63.8	
170							61.9	55.2	52.2	59.3	59.0	
180								51.2	47.8	54.1	54.7	
190								47.7	43.3	49.7	50.8	44.2
200										45.2	47.4	41.2
210											44.4	38.4
220											41.5	36.0
230												33.7
250												29.7
Radius [ft]	Jib length 243 ft				Jib length 312 ft				Jib length 361 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
70	88.5											
80	87.7											
90	86.5				45.6							
100	85.2				44.2				25.4			
110	81.7	85.1			43.0				24.2			
120	76.2	84.0			41.8				23.4			
130	71.9	79.6			40.8	41.7			22.3			
140	66.7	74.1			39.6	40.7			21.5	22.0		
150	60.4	69.6			38.5	39.9			20.8	21.5		
160	55.0	62.7	58.3		37.6	38.9			19.8	20.7		
170	50.6	56.8	54.2		36.6	38.1			19.0	20.1		
180	46.6	52.0	50.4		34.7	37.4			18.4	19.3		
190	42.7	47.8	47.1		33.1	35.7	35.3		17.8	18.6		
200	39.2	43.9	44.0		31.6	34.0	35.0		16.7	18.1		
220	33.5	37.1	38.3	31.4	29.1	31.2	31.8		14.5	16.4	16.6	
240	28.7	32.1	33.6	27.5	24.6	27.6	27.5		12.8	14.7	15.8	
260		27.3	29.5	23.8	20.8	23.4	23.8	17.2		13.4	14.2	
280			25.9	20.6	17.5	19.8	20.7	14.5			12.7	
300				17.8	13.8	17.0	17.9	12.0			10.1	7.6
320						14.2	15.5	9.9			7.0	5.5
340							13.3	8.0				
365								5.9				

Carbody counterweight: 116,000 lbs with 4.9 ft flat track pads

Rear counterweight:

265,700 lbs

310,700 lbs

332,700 lbs

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# Load capacities with luffing jib

Load capacities in 1000 lbs with 203 ft main boom [88/83/75/65°]

Radius (ft)	Jib length 66 ft				Jib length 125 ft				Jib length 184 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
32.3	291.5											
40	271.0											
45	255.8				190.0							
50	242.6				187.3							
60	222.8	211.0			173.4				117.5			
70	193.7	183.1			160.9				117.5			
80	151.9	161.8			150.3	148.0			113.9			
90		145.0			133.4	132.4			109.2			
100			113.7		121.4	119.7			102.8	114.7		
120			92.6		96.0	100.2	85.5		87.0	91.5		
140				65.2		84.0	72.8		72.0	77.9		
150				59.8		77.1	67.4		65.0	72.4	60.2	
160				55.0			62.1		58.8	67.5	55.9	
170							57.4	46.7	53.6	63.1	51.1	
180							53.3	43.7	49.5	58.0	48.7	
190								40.7	45.3	53.4	45.6	
200								37.9		49.1	42.8	
220											37.9	27.8
240											33.3	24.4
260												21.5
270												20.2
275												19.5
Radius (ft)	Jib length 243 ft				Jib length 312 ft				Jib length 361 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
70	74.6											
80	74.4											
90	74.2				40.9							
100	73.9				39.7				22.2			
110	72.8	71.5			38.6				21.3			
120	69.6	71.5			37.5				20.5			
130	66.9	71.3			36.7	37.2			19.4			
140	64.1	70.3			35.6	36.8			18.6			
150	59.3	65.1			34.6	36.0			18.0	18.7		
160	55.2	60.4			33.7	35.3			17.0	18.0		
170	51.7	56.2	45.0		33.0	34.4			16.2	17.4		
180	48.3	52.5	41.8		31.9	33.7			15.5	16.7		
200	40.8	46.0	36.3		30.1	32.3	28.9		14.1	15.4		
220	34.9	40.2	31.7		28.8	30.8	24.6		12.1	14.2	13.6	
230	32.5	37.2	29.6		26.8	30.2	22.6		11.2	13.3	13.6	
240	30.1	34.6	27.8	18.1	24.8	29.0	20.9		10.4	12.5	13.2	
260		30.0	24.4	15.4	21.1	24.7	17.7			11.1	12.6	
280			21.5	13.0	18.3	21.1	14.9	6.1			10.5	
300				10.9	14.5	18.3	12.5				8.2	
320				9.1		15.5	10.4				6.1	
330				8.3		14.0	9.4				5.2	
360							6.8					

Carbody counterweight: 116,000 lbs with 4.9 ft flat track pads

Rear counterweight:

265,700 lbs

310,700 lbs

332,700 lbs

TLT 13630772 / 306561. 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 luffing jib

Load capacities in 1000 lbs with 233 ft main boom [88/83/75/65°]

Radius (ft)	Jib length 66 ft				Jib length 105 ft				Jib length 125 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
33.3	246.1											
45	221.0				185.4							
50	210.9				180.8				163.0			
60	195.2	197.5			166.3				151.5			
65	187.6	183.8			159.5				147.0			
75	170.5	161.5			148.2	152.1			136.0			
80	154.3	152.2			142.7	143.4			132.3	139.0		
90		136.6			132.7	128.6			122.5	124.6		
100		124.2	103.5		120.7	116.4			115.5	112.8		
110			94.6		109.0	106.3			104.8	102.9		
120			86.4		35.2	97.8	80.4		96.0	94.5		
130			79.8			90.5	74.1		85.9	87.3	71.0	
135			35.2			87.1	71.2		80.2	84.1	68.3	
140						83.2	68.6			81.1	65.7	
155				51.1			63.8			72.5	58.9	
160				49.3			59.6			35.2	56.9	
170				45.9				41.2			53.2	
180								38.5			49.9	
190								36.1			46.8	33.5
200								33.8				31.4
210								31.8				29.4
225												26.8
Radius (ft)	Jib length 144 ft				Jib length 154 ft				Jib length 164 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
50	140.1											
55	139.8								117.5			
70	129.7				122.6				115.0			
80	121.0				115.4				111.0			
90	114.5	121.1			108.3	119.0			103.8	113.2		
100	106.5	109.6			102.0	107.6			98.7	106.2		
110	100.5	99.9			95.8	98.1			92.5	96.7		
120	92.3	91.7			90.8	90.0			87.5	88.7		
130	83.9	88.0			81.8	83.0			81.9	81.8		
140	77.0	78.5	63.2		74.0	76.9	61.5		74.4	75.7		
150	69.3	73.1	58.6		67.5	71.5	57.0		68.2	70.4	55.9	
160		68.4	54.6		61.1	66.8	53.0		62.5	65.7	52.0	
180			47.8			58.7	46.3			57.9	45.3	
200			42.2	29.3			40.8	27.8			39.8	
210				27.4			38.4	25.9			37.5	25.1
220				25.7			35.2	24.2			35.4	23.4
230				24.1				22.6			33.5	21.8
240				22.6				21.2				20.4
250								19.8				19.1
260												17.8
270												
285												

Carbody counterweight: 116,000 lbs with 4.9 ft flat track pads

Rear counterweight:

265,700 lbs

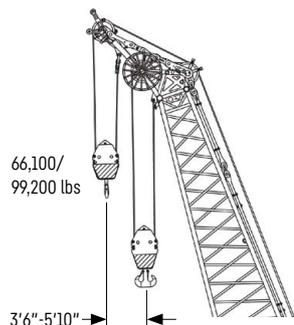
310,700 lbs

332,700 lbs

TLT 13630772 / 306561. 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.

# Luffing jib 2316.xx

## Jib lengths 66-371 ft



### Auxiliary jib 30/45 t (option)

The maximum capacity of the auxiliary jib is 30/45 t.

### Jib configuration 2316.xx

Jib section	Amount of jib sections															
Jib foot 33 ft	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		
Jib section 20 ft			1	1		1		1		1		1		1		
Jib section 40 ft					1	1	1	1	2	2	2	2	3	3	3	3
Jib head 33 ft	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>Jib length [ft]</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>164</b>	<b>174</b>	<b>184</b>	<b>194</b>	<b>203</b>	<b>213</b>
Auxiliary jib	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Jib foot 33 ft	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		
Jib section 20 ft			1	1		1		1		1		1		1		
Jib section 40 ft	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7
Jib head 33 ft	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>Jib length [ft]</b>	<b>223</b>	<b>233</b>	<b>243</b>	<b>253</b>	<b>262</b>	<b>272</b>	<b>282</b>	<b>292</b>	<b>302</b>	<b>312</b>	<b>322</b>	<b>331</b>	<b>341</b>	<b>351</b>	<b>361</b>	<b>371</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 22.

# Load capacities with luffing jib

Load capacities in 1000 lbs with 66 ft main boom [88/83/75/65°]

Radius [ft]	Jib length 66 ft				Jib length 125 ft				Jib length 184 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
30	258.0											
35	258.0											
40	240.0	258.0			167.7							
55	175.2	204.8			132.2				108.5			
60	150.5	183.6	239.7		122.6	135.8			103.5			
70	112.1	139.0	183.4		105.6	116.1			94.8			
75	89.7	121.1	159.3		98.2	108.1			90.9	97.5		
80		99.1	138.4	171.2	90.2	101.1			87.3	92.8		
90			98.3	137.7	77.5	85.8	101.7		76.7	84.5		
100				108.5	67.0	74.4	87.8		69.6	74.0		
110					57.8	64.4	76.7		61.0	66.4	73.6	
115					54.2	60.0	71.1	85.7	57.0	62.5	69.2	
130					43.7	49.0	58.1	68.2	48.2	53.4	59.0	
135						45.2	54.3	63.5	45.6	51.1	56.1	
145							46.6	56.1	41.0	45.9	51.7	54.9
155								48.8	37.0	41.3	46.8	50.8
165									33.6	37.5	42.5	46.4
175									29.7	33.6	39.2	40.9
185									25.7	29.4	35.2	36.5
195										25.2	31.2	35.0
200											29.2	33.2
215												27.9
Radius [ft]	Jib length 243 ft				Jib length 312 ft				Jib length 341 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
65	68.1											
80	63.5				38.7							
90	59.0				37.3				28.8			
95	57.3	60.1			36.3				28.0			
105	53.5	57.0			34.2				26.4			
115	49.5	53.4			32.0	33.4			24.9			
130	44.9	46.8			29.2	30.6			22.8	23.8		
135	42.1	45.3	49.0		28.1	29.8			22.3	23.0		
150	34.8	38.7	42.9		25.3	26.8			19.8	21.1		
165	30.3	34.7	37.9		22.9	24.5	25.8		17.8	18.8		
180	26.3	30.8	34.8	36.3	19.1	21.6	23.5		16.0	17.1	18.2	
185	25.0	29.2	33.7	35.6	18.0	20.6	22.8		15.1	16.5	17.6	
200	21.4	24.9	29.2	32.7	15.5	18.1	20.5		12.5	14.2	15.9	
220	17.4	20.2	24.1	26.2	12.6	15.1	17.4	18.6	9.6	11.6	13.2	
230	15.4	18.0	21.9	22.7	11.0	13.4	16.2	17.9	8.5	10.6	11.7	
240	13.3	15.7	19.5	20.0	9.4	11.7	14.5	16.4			10.5	12.5
250		13.3	17.1	18.0	8.1	10.2	12.8	15.3				11.8
260			14.7	16.0	6.8	8.9	11.3	13.6				9.8
270				14.0	5.7	7.7	10.0	11.7				8.3
280							8.9	10.0				7.0
285								9.2				6.3
290								8.6				5.7

Carbody counterweight: 116,000 lbs with 4.9 ft flat track pads

Rear counterweight:

265,700 lbs

310,700 lbs

332,700 lbs



TLT 13630772 / 306561. 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**

# Load capacities with luffing jib

Load capacities in 1000 lbs with 105 ft main boom [88/83/75/65°]

Radius (ft)	Jib length 66 ft				Jib length 125 ft				Jib length 184 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
30	258.0											
45	253.1	258.0			161.5							
60	173.4	225.8			130.8				103.4			
65	149.7	200.4			121.2	139.0			100.3			
75	107.6	150.8	185.8		107.1	120.9			90.9			
80		131.7	171.7		99.3	113.3			87.4	95.5		
95			131.5	132.6	81.9	93.6	113.6		71.6	80.5		
105				117.7	70.8	83.1	101.0		64.4	70.4		
115				105.5	61.8	71.9	89.3		58.4	63.4		
130					50.5	59.1	73.4	89.0	51.0	54.6	62.8	
140						51.1	64.8	81.4	47.0	50.4	56.8	
150							56.7	77.6	43.3	46.4	51.6	
155							52.5	67.7	41.7	44.5	49.6	
165								60.1	38.9	41.2	45.9	54.5
175								52.3	35.2	38.2	42.6	48.1
190									28.5	33.1	38.6	42.9
200										29.5	35.5	39.9
210											33.0	37.6
215											31.5	36.5
220												35.4
225												34.2
230												33.2
Radius (ft)	Jib length 253 ft				Jib length 351 ft				Jib length 371 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
70	54.7											
90	48.9				24.4							
95	47.6				24.2				20.5			
100	46.5	47.8			23.4				20.2			
130	40.7	41.8			19.2	19.9			16.8			
135	40.0	41.0			18.6	19.7			16.3	16.8		
150	33.9	38.7	39.6		16.7	17.8			15.0	15.7		
170	27.7	35.5	36.8		14.3	15.5			12.6	13.8		
180	24.2	34.4	35.2		13.4	14.4			11.7	12.7		
190	20.0	29.0	33.9		11.9	13.5	14.2		11.0	11.7		
200	16.2	23.1	32.9		10.1	12.0	13.6			11.0	11.7	
205	14.4	20.3	29.9	32.7	9.4	11.1	13.1				11.4	
225	9.2	10.9	17.7	23.0	6.6	8.1	11.1				9.1	
235	7.7	9.0	12.7	18.6	5.5	6.9	9.4				8.0	
240	7.0	8.3	10.6	16.5		6.4	8.7				7.3	
255	4.8	6.0	8.0	11.2			6.8				5.4	
260		5.3	7.3	9.7				7.2			4.8	
270			5.9	8.1				6.6				4.6
275			5.2	7.4				6.1				4.6
280			4.6	6.7				5.6				
290				5.4								
295				4.7								

Carbody counterweight: 116,000 lbs with 4.9 ft flat track pads

Rear counterweight:

265,700 lbs

310,700 lbs

332,700 lbs

TLT 13630772 / 306561. 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 luffing jib

Load capacities in 1000 lbs with 154 ft main boom [88/83/75/65°]

Radius [ft]	Jib length 66 ft				Jib length 144 ft				Jib length 184 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
50	237.6	247.2			126.7							
60	186.1	236.2			114.6				95.2			
65	160.9	219.0			108.1				93.3			
75	119.0	181.2			96.2	112.0			88.6			
80		158.1	164.2		90.9	106.6			86.4			
90		117.1	142.3		81.7	95.3			77.0	88.0		
100			125.4		72.7	86.3			67.6	80.3		
105			118.3		69.2	81.2			64.1	75.0		
115				97.0	62.3	72.8	90.1		57.7	66.2		
130				83.8	52.9	62.3	78.4		50.3	57.2	68.4	
135				80.1	50.4	59.0	74.3		48.4	54.7	67.3	
150					42.3	50.6	64.2		52.9	48.7	57.3	
160						45.0	57.3	62.0	39.8	44.8	51.7	
165						42.2	54.4	59.7	38.4	43.1	49.5	
185							43.9	51.8	32.9	37.0	42.5	50.0
195								48.5		33.7	39.7	46.7
205								45.5		30.7	37.3	43.8
215								42.8			35.2	40.6
225											33.0	38.0
235												35.9
240												34.8
250												32.8
Radius [ft]	Jib length 243 ft				Jib length 312 ft				Jib length 361 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
70	60.0											
85	58.3				33.5							
95	55.5				32.5				20.7			
105	53.4	55.8			31.4				19.9			
115	48.9	53.8			29.8				19.0			
125	45.3	51.2			28.7	29.8			18.1			
130	43.9	48.9			28.2	29.6			17.7			
140	40.6	45.0			26.6	28.4			17.0	17.4		
155	35.9	40.1	47.1		24.7	26.6			16.0	16.6		
170	32.9	35.4	42.7		23.0	24.6			15.0	15.6		
185	30.1	32.4	37.3		20.5	22.9	23.6		14.2	14.7		
200	27.5	29.6	33.7		18.4	20.4	22.8			14.0		
210	26.1	27.9	31.7		17.2	18.9	21.9				13.6	
220	24.6	26.4	29.8	35.0		17.7	20.9				13.3	
245	19.0	21.9	25.7	29.9			17.3				11.5	
260		18.8	23.5	27.2			15.5	17.7			8.2	
275			21.1	25.0			13.6	16.8			5.6	
285			19.5	23.8			12.4	15.6				8.5
305				21.6			10.4	13.3				6.8
325								11.0				
350								9.0				
375								7.2				

Carbody counterweight: 116,000 lbs with 4.9 ft flat track pads

Rear counterweight:

265,700 lbs

310,700 lbs

332,700 lbs

TLT 13630772 / 306561. 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 luffing jib

Load capacities in 1000 lbs with 203 ft main boom [88/83/75/65°]

Radius [ft]	Jib length 66 ft				Jib length 125 ft				Jib length 184 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
35	206.0											
45	204.6				119.9							
60	192.5	202.6			119.9				73.9			
70	147.8	185.9			111.3				73.6			
75	128.3	174.5			106.1	118.2			73.5			
85		155.6			95.7	114.9			73.4			
95		122.7	123.0		86.5	104.2			68.5	71.0		
110			105.3		74.4	89.5			62.4	69.5		
120			94.8		67.7	81.6	90.1		56.1	65.2		
125			90.2		62.5	77.5	86.5		53.4	63.7		
135					54.2	70.5	80.0		49.0	57.3		
145				65.1		62.8	73.4		45.2	51.9	65.6	
160				57.6			65.1		40.1	46.0	58.6	
170							60.5	50.8	37.4	42.7	52.9	
180							56.3	47.3	35.2	39.8	48.3	
190								44.2	32.5	37.4	44.7	
205								40.1		34.4	40.1	36.7
215								37.6			37.6	34.7
225											35.6	32.8
240											32.9	29.9
255												27.3
275												24.3
Radius [ft]	Jib length 243 ft				Jib length 312 ft				Jib length 371 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
70	46.5											
85	46.2				25.8							
100	46.0				25.5				13.6			
110	45.6	44.3			25.3				13.3			
130	43.7	44.2			25.0	24.2			12.6			
140	41.9	43.8			24.1	24.1			12.2			
150	38.4	43.4			23.1	24.0			12.0	11.7		
170	33.2	37.6	40.5		21.6	23.2			10.6	11.2		
185	30.3	33.7	39.9		19.6	22.5			9.7	10.6		
200	27.7	30.7	37.1		17.8	20.7	21.0			9.7		
210	26.2	28.9	34.5		16.8	19.4	20.8			9.3		
225	24.0	26.5	31.1			17.7	19.7				8.9	
240	21.0	24.4	28.3	25.1			18.5				8.5	
250	18.9	22.8	26.7	23.6			17.6				7.5	
265		20.4	24.7	21.6			16.4				6.3	
280			22.6	19.8			14.7	14.5			4.8	
285			21.8	19.3			14.4	14.0				
295			20.4	18.2			12.8	12.9				
310				16.7			11.2	11.5				
320				15.8			10.3	10.7				
335								9.5				
360								7.7				

Carbody counterweight: 116,000 lbs with 4.9 ft flat track pads

Rear counterweight:

265,700 lbs

310,700 lbs

332,700 lbs

TLT 13630772 / 306561. 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 luffing jib

Load capacities in 1000 lbs with 223 ft main boom [88/83/75/65°]

Radius [ft]	Jib length 75 ft				Jib length 125 ft				Jib length 184 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
35	174.1											
50	172.2				111.2							
60	169.8				111.2				67.8			
70	157.9	169.8			106.7				67.6			
80	124.8	155.9			100.8	109.3			67.6			
90	93.7	140.0			90.1	106.7			66.6			
100		126.9			82.3	100.5			64.7	65.2		
105		111.3	103.7		78.3	95.0			63.9	65.2		
110		95.5	99.1		74.5	90.2			62.2	65.1		
125			87.2		64.3	78.7	81.4		53.0	62.7		
135			79.5		55.0	71.8	75.4		48.5	57.8		
150				58.2		60.6	67.8		42.9	49.8	60.2	
155				55.9		56.3	65.5		41.3	47.9	59.5	
165				51.8			60.7		38.3	44.4	55.6	
175				48.0			56.4		35.8	41.2	51.9	
185							52.6	42.3	34.0	38.5	47.4	
195								39.9	31.4	26.3	44.0	
200								38.6		35.2	42.3	
210								36.2		33.8	39.4	
225								33.0			36.1	28.8
245											32.8	25.7
280												21.2
Radius [ft]	Jib length 194 ft				Jib length 213 ft				Jib length 312 ft			
	88°	83°	75°	65°	88°	83°	75°	65°	88°	83°	75°	65°
60	62.4											
65	62.4				52.6							
85	62.3				52.2				23.4			
100	59.3	60.1			52.1				23.3			
120	53.8	58.8			52.1				23.1			
130	50.2	57.3			49.3	50.2			23.0			
145	46.0	52.4			44.6	49.5			22.1	22.0		
155	42.3	49.5	55.6		42.2	46.5			21.5	22.0		
160	40.6	48.3	55.6		40.9	45.2	46.2		21.2	21.9		
180	35.0	41.6	49.5		35.9	40.7	46.0		19.6	21.0		
200	28.8	36.0	43.9		32.1	36.2	42.0		17.3	19.8		
210		33.0	41.5		29.0	34.4	39.7		16.4	18.8	19.1	
220		29.9	39.3	28.6	25.8	31.9	37.5		15.6	17.9	19.0	
230			37.2	26.9		29.4	35.3	25.2		17.1	18.7	
240			34.4	25.4		26.8	33.6	23.7		16.4	18.4	
255			29.1	23.3			30.6	21.7			17.2	
270				21.5			27.2	19.9			16.3	
290				19.3				17.8			14.0	10.2
310								15.9			11.7	8.5
325											10.3	7.4
345												6.0
360												5.0

Carbody counterweight: 116,000 lbs with 4.9 ft flat track pads

Rear counterweight:

265,700 lbs

310,700 lbs

332,700 lbs

TLT 13630772 / 306561. 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.

# Fixed jib 1507.20

## Jib length 26 ft

The jib length is 26 ft, for main boom configuration please refer to the table on page 22.

## Load capacities with fixed jib

Load capacities in 1000 lbs – 184 ft main boom

Radius [ft]	Jib length 26 ft
30	257.9
35	256.6
40	254.3
50	247.5
60	222.6
70	194.6
80	162.7
100	118.6
120	90.9
140	71.7
160	57.8
180	46.9
195	40.2

Load capacities in 1000 lbs – 213 ft main boom

Radius [ft]	Jib length 26 ft
30	256.8
40	256.1
50	245.3
60	220.0
70	185.2
80	158.5
100	116.5
120	88.6
140	69.6
160	55.5
180	44.6
200	35.7
220	28.1

Load capacities in 1000 lbs – 243 ft main boom

Radius [ft]	Jib length 26 ft
35	225.5
40	224.9
50	211.6
60	192.1
80	150.3
100	113.4
120	86.1
140	67.0
160	52.8
180	41.7
200	32.5
220	25.0
245	17.2

Load capacities in 1000 lbs – 272 ft main boom

Radius [ft]	Jib length 26 ft
32.1	206.2
40	205.9
60	193.5
80	142.5
100	107.0
120	82.4
140	64.6
160	50.3
180	38.8
200	29.6
220	22.1
240	15.8
270	8.1

Load capacities in 1000 lbs – 282 ft main boom

Radius [ft]	Jib length 26 ft
35	196.4
50	194.5
60	187.7
80	139.9
100	104.8
120	80.4
140	62.8
160	49.1
180	37.7
200	28.4
220	20.9
240	14.6
280	4.7

Carbody counterweight: 116,000 lbs with 4.9 ft flat track pads

Rear counterweight:  
332,700 lbs



TLT 13630772 / 306561. 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**



# Fixed jib 1916.xx

## Jib lengths 46-164 ft

### Jib configuration 1916.xx

Jib section	Amount of jib sections												
	1	1	1	1	1	1	1	1	1	1	1	1	1
Jib foot 23 ft	1							1					1
Jib section 10 ft		1						1					1
Jib section 20 ft			1	1				1				1	1
Jib section 40 ft					1			1	1	1	2	2	3
Jib head 23 ft	1	1	1	1	1			1	1	1	1	1	1
<b>Jib length [ft]</b>	<b>46</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>135</b>	<b>144</b>	<b>154</b>	<b>164</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 22.

## Load capacities with fixed jib

### Load capacities in 1000 lbs with 66 ft main boom

Radius [ft]	Jib length 46 ft		Jib length 66 ft		Jib length 95 ft		Jib length 135 ft		Jib length 164 ft	
	15°	30°	15°	30°	15°	30°	15°	30°	15°	30°
	45	166.4	144.3	130.2						
55	162.9	127.3	79.0	98.3	82.2					
65	151.2	114.5	108.3	88.5	74.8					
80	132.4	100.3	97.1	77.6	66.1	59.8	45.4			
90	120.0	93.2	91.1	72.0	61.5	55.2	41.8		41.4	
110	104.2	85.0	78.4	63.9	54.1	47.9	35.9	32.7	36.2	
115			76.2	62.5	52.8	46.5	34.7	31.5	35.2	31.4
130			69.8	60.0	48.7	43.1	31.5	28.9	31.7	28.6
145					45.9	40.4	28.8	26.8	29.0	26.1
160					43.8	39.1	26.6	25.0	26.4	23.9
180							24.3	23.1	24.0	21.6
200							22.6	22.7	22.0	19.9
210									21.1	19.2
225									19.6	18.8

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

Radius [ft]	Jib length 46 ft		Jib length 66 ft		Jib length 95 ft		Jib length 135 ft		Jib length 164 ft	
	15°	30°	15°	30°	15°	30°	15°	30°	15°	30°
	40	166.7	161.2	133.5						
55	166.6	139.3	123.1	102.8	83.3					
65	166.2	129.7	115.3	95.0	77.5					
75	166.2	119.6	108.8	88.1	72.5	63.2	48.3			
90	144.2	108.5	101.3	80.2	66.5	57.9	43.8		41.4	
100	125.3	103.2	91.8	72.2	59.9	51.8	40.9	35.7	39.3	
120	97.8	93.6	87.7	68.9	56.8	49.6	36.4	32.2	35.6	31.3
135	83.0	83.6	80.6	65.0	53.2	46.3	33.7	30.1	33.2	28.9
150	71.2	71.5	73.4	61.8	50.2	43.8	31.2	28.2	30.6	26.6
175				58.3	46.0	40.5	27.9	25.2	26.8	23.5
200					44.2	39.0	24.6	22.5	23.5	20.5
220							22.4	20.6	20.7	18.6
240							20.3	19.9	18.6	16.9
270									15.9	15.5

Carbody counterweight: 116,000 lbs with 4.9 ft flat track pads

Rear counterweight:

- 265,700 lbs
- 332,700 lbs
- 310,700 lbs

TLT 13630772 / 306561. 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 164 ft main boom

Radius [ft]	Jib length 46 ft		Jib length 66 ft		Jib length 95 ft		Jib length 135 ft		Jib length 164 ft	
	15°	30°	15°	30°	15°	30°	15°	30°	15°	30°
40	166.2	162.3	131.2							
55	166.2	144.8	123.8	103.8	83.2					
65	166.2	135.3	118.3	97.2	78.6					
75	160.8	128.3	113.0	91.9	74.7	63.4	48.2			
90	140.6	117.3	106.0	85.7	69.0	59.7	44.2		39.2	
120	93.9	95.3	94.9	74.7	60.6	52.4	38.4	31.9	32.4	26.5
135	79.1	80.1	81.5	70.4	57.4	49.4	35.1	28.7	29.6	24.5
150	67.4	68.2	69.7	67.3	54.3	46.9	32.3	26.3	27.3	22.8
180	50.1	50.5	52.2	52.9	49.7	43.0	26.6	22.2	23.6	20.0
200			43.5	43.9	46.0	41.0	23.7	19.9	21.3	18.5
215			38.0	38.1	40.5	40.0	21.6	18.6	20.0	17.4
245					31.4	31.5	18.3	16.3	17.6	15.7
270							16.3	15.4	16.0	14.2
310									13.4	13.0

## Load capacities in 1000 lbs with 213 ft main boom

Radius [ft]	Jib length 46 ft		Jib length 66 ft		Jib length 95 ft		Jib length 135 ft		Jib length 164 ft	
	15°	30°	15°	30°	15°	30°	15°	30°	15°	30°
40	166.2									
55	166.1	148.1	120.5							
65	164.2	140.8	115.9	100.1	78.9					
80	156.6	129.6	109.9	92.8	73.9	62.4	47.1			
100	117.9	118.4	103.4	85.1	68.0	58.7	42.9	34.3	35.6	
120	90.1	91.9	93.1	78.8	63.3	54.1	38.8	31.2	31.8	25.1
150	63.4	64.7	66.0	67.7	57.6	49.2	33.4	26.6	27.2	22.1
180	46.2	47.0	48.4	49.6	51.3	45.3	28.9	22.7	23.4	19.6
200	37.6	38.2	39.8	40.7	42.4	43.2	25.5	20.7	21.6	18.1
220	30.2	30.6	32.4	33.2	35.2	36.4	23.0	18.7	19.8	17.0
245			24.6	25.0	27.4	28.3	20.2	16.9	18.1	15.6
270					20.9	21.4	17.8	15.5	16.5	14.5
300							15.8	14.4	14.9	13.5
325							12.6	12.9	13.8	12.9

## Load capacities in 1000 lbs with 262 ft main boom

Radius [ft]	Jib length 46 ft		Jib length 66 ft		Jib length 95 ft		Jib length 115 ft		Jib length 135 ft	
	15°	30°	15°	30°	15°	30°	15°	30°	15°	30°
45	154.5	145.6	114.3							
55	152.0	144.7	113.4	99.8						
80	142.7	132.6	106.6	93.5	70.9	59.5	56.3			
100	108.8	112.1	102.0	86.8	66.5	55.2	50.9	40.1		28.4
115	90.0	92.8	92.5	82.8	63.5	52.4	47.2	37.7		27.1
150	59.1	60.7	61.9	64.2	55.5	46.8	40.6	33.4		23.6
180	41.4	42.7	44.2	45.9	47.5	43.1	36.2	30.1		21.3
200	32.4	33.4	35.0	36.4	38.4	40.6	33.4	28.6		19.9
230	21.7	22.4	24.0	25.2	27.3	29.0	29.1	26.2		17.7
245	17.3	17.9	19.6	20.5	22.7	24.2	24.5	25.4		16.7
270	11.1	11.4	13.2	13.8	16.2	17.2	17.9	19.4		15.6
315					6.8	7.2	8.5	9.2		11.4
330						4.5	5.8	6.3		8.5
360										

Carbody counterweight: 116,000 lbs with 4.9 ft flat track pads

Rear counterweight:

- 265,700 lbs
- 330,700 lbs
- 310,700 lbs

TLT 13630772 / 306561. 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.

# Fixed jib 1713.xx

## Jib lengths 46-115 ft

### Jib configuration 1713.xx

Jib section	Amount of jib sections							
	1	1	1	1	1	1	1	1
Jib foot 23 ft	1							
Jib section 10 ft		1						
Jib section 20 ft			1					
Jib section 40 ft					1		1	
Jib head 23 ft	1	1	1	1	1	1	1	1
<b>Jib length [ft]</b>	<b>46</b>	<b>56</b>	<b>66</b>	<b>76</b>	<b>85</b>	<b>95</b>	<b>105</b>	<b>115</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 22.

## Load capacities with fixed jib

### Load capacities in 1000 lbs with 66 ft main boom

Radius [ft]	Jib length 46 ft		Jib length 66 ft		Jib length 85 ft		Jib length 95 ft		Jib length 115 ft	
	15°	30°	15°	30°	15°	30°	15°	30°	15°	30°
	25.3	132.3								
35	132.1		89.1							
50	102.9	78.8	71.7	58.0	51.2		46.1			
60	88.5	70.3	62.9	52.4	44.7	36.8	40.2		32.3	
70	76.9	64.9	56.6	47.7	39.7	33.3	35.8	29.6	28.3	
80	70.2	59.7	50.7	43.6	35.8	30.4	31.8	27.0	25.4	20.9
90	63.1	55.6	46.6	40.3	32.3	27.7	29	24.9	22.5	19
100	58	52.7	42.4	37.8	29.5	25.6	26.2	22.9	20.4	17.3
110	53.6	50.8	39.1	35.4	27	23.5	24.2	21.4	18.5	15.9
120			36.4	33.7	24.7	22	22.3	20	16.8	14.8
130			34.1	32.8	22.8	20.7	20.7	19	15.6	13.7
140					21.3	19.9	19.5	18.1	14.4	12.8
160							16.5	17.4	12.5	11.6
180									10.6	11.2

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

Radius [ft]	Jib length 46 ft		Jib length 66 ft		Jib length 85 ft		Jib length 95 ft		Jib length 115 ft	
	15°	30°	15°	30°	15°	30°	15°	30°	15°	30°
	27	132.3								
40	132.3	93.4	86.3							
60	104.7	77.4	69.7	54.8	48.8		42.9		34.0	
70	94.4	71.8	64.0	51.0	43.9	34.6	38.8	30.3	30.5	
80	85.6	68.2	58.9	48.0	40.4	32.3	35.7	28.2	27.5	21.4
100	72.1	60.5	50.6	42.5	34.6	28.4	30.2	25.0	23.0	18.5
120	63.7	55.3	44.6	38.4	30.0	25.1	26.2	22.3	19.8	16.2
130	60.1	53.3	41.9	36.8	28.3	23.7	24.6	21.2	18.3	15.2
140	57.0	52.0	39.6	35.2	26.4	22.6	23.3	20.2	17.0	14.5
150	54.2	51.0	37.7	34.1	24.7	21.7	22.0	19.5	16.1	13.7
160			36.0	33.5	23.3	20.8	20.8	18.8	15.1	13.1
180					21.1	19.8	19.1	17.6	13.5	12.1
200							11.7	17.4	12.3	11.3
210									11.8	11.1

Carbody counterweight: 116,000 lbs with 4.9 ft flat track pads

Rear counterweight:

- 265,700 lbs
- 332,700 lbs
- 310,700 lbs

TLT 13630772 / 306561. 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 164 ft main boom

Radius [ft]	Jib length 46 ft		Jib length 66 ft		Jib length 85 ft		Jib length 95 ft		Jib length 115 ft	
	15°	30°	15°	30°	15°	30°	15°	30°	15°	30°
45	130.8	91.2	84.1		58.2					
50	128.2	87.8	80.1		55.4		48.6			
60	114.2	82.0	74.3	56.4	50.7		44.5		34.6	
70	104.7	76.6	68.6	53.3	46.9	35.5	41.3	30.9	31.7	
80	97.4	72.4	64.3	50.2	43.4	33.5	37.9	29.0	29.4	
90	90.4	69.7	60.1	48.0	40.7	31.8	35.5	27.7	27.0	19.8
100	83.9	66.7	56.9	45.4	37.9	30.3	33.1	26.1	25.2	18.1
120	73.4	60.8	50.5	41.8	33.9	27.3	29.3	23.8	21.2	15.5
140	67.3	56.8	45.9	38.6	30.2	24.9	26.2	21.8	18.3	13.4
160	61.0	53.6	41.5	36.3	27.5	23.0	23.9	19.4	15.6	11.8
180	50.5	51.1	38.4	34.5	24.7	21.5	21.1	17.7	13.7	10.4
200			35.8	33.6	22.7	20.3	18.9	16.1	11.7	9.4
220					21.1	19.6	17.1	15.0	10.2	8.4
245							15.0	14.2	8.8	7.7

## Load capacities in 1000 lbs with 213 ft main boom

Radius [ft]	Jib length 46 ft		Jib length 66 ft		Jib length 85 ft		Jib length 95 ft		Jib length 115 ft	
	15°	30°	15°	30°	15°	30°	15°	30°	15°	30°
30.5	130.3									
50	125.2	89.7	82.5		56.4		48.8			
60	119.8	84.4	76.8	57.0	52.5		45.8		35.2	
80	104.7	75.8	67.7	52.1	45.8	34.3	40.0	29.7	30.4	
100	92.3	70.2	60.9	47.8	40.8	31.3	35.4	27.1	26.4	17.6
120	82.2	65.6	55.5	44.0	36.5	28.9	31.5	24.1	23.0	15.3
140	71.3	61.0	50.3	41.2	33.3	26.5	28.7	21.4	19.4	13.5
160	57.3	57.7	46.3	38.7	30.2	24.5	25.4	19.4	17.2	11.9
180	46.6	47.6	42.9	36.8	28.0	22.6	22.8	17.5	14.8	10.7
200	38.0	38.9	39.8	34.8	25.4	21.2	20.6	16.1	13.0	9.6
220	30.6	31.2	32.7	33.3	23.2	19.6	18.4	14.9	11.5	8.7
240	24.4	24.6	26.4	27.1	21.5	18.4	16.6	13.8	10.1	7.9
260				21.3	19.6	17.7	15.2	13.2	9.0	7.3
285							13.5	13.2	7.9	6.8

## Load capacities in 1000 lbs with 262 ft main boom

Radius [ft]	Jib length 46 ft		Jib length 66 ft		Jib length 85 ft		Jib length 95 ft		Jib length 115 ft	
	15°	30°	15°	30°	15°	30°	15°	30°	15°	30°
32.2	115.2									
40	114.2		84.6							
50	112.2	89.8	81.4		55.7					
60	110.1	85.2	77.1	57.2	52.7		45.7		34.1	
80	103.5	77.9	69.7	51.1	47.3	33.5	40.7	27.4	29.2	
100	96.8	72.0	63.5	45.9	42.3	30.2	35.7	24.7	25.2	16.6
120	85.1	66.7	57.1	41.9	38.3	27.3	31.7	22.4	21.9	14.8
160	52.9	54.7	46.8	35.6	30.9	23.2	25.4	18.4	17.1	11.6
200	32.8	34.2	35.1	31.0	25.4	19.9	20.5	15.4	13.3	9.5
240	19.2	20.0	21.3	22.6	21.3	17.4	16.8	13.3	10.7	7.8
260	14.0	14.5	16.0	17.0	18.0	16.3	15.2	12.4	9.6	7.2
280	9.4	9.7	11.4	12.1	13.4	14.5	14.1	11.7	8.6	6.7
300			7.4	7.7	9.4	10.1	10.0	11.0	7.8	6.2
320					5.7	6.1	6.4	7.0	7.1	6.0

Carbody counterweight: 116,000 lbs with 4.9 ft flat track pads

Rear counterweight:

265,700 lbs      332,700 lbs  
310,700 lbs

TLT 13630772 / 306561. 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.