



Crawler crane

**LR 1300.1 SX**

Complies with ANSI/ASME B 30.5

**EN-US**

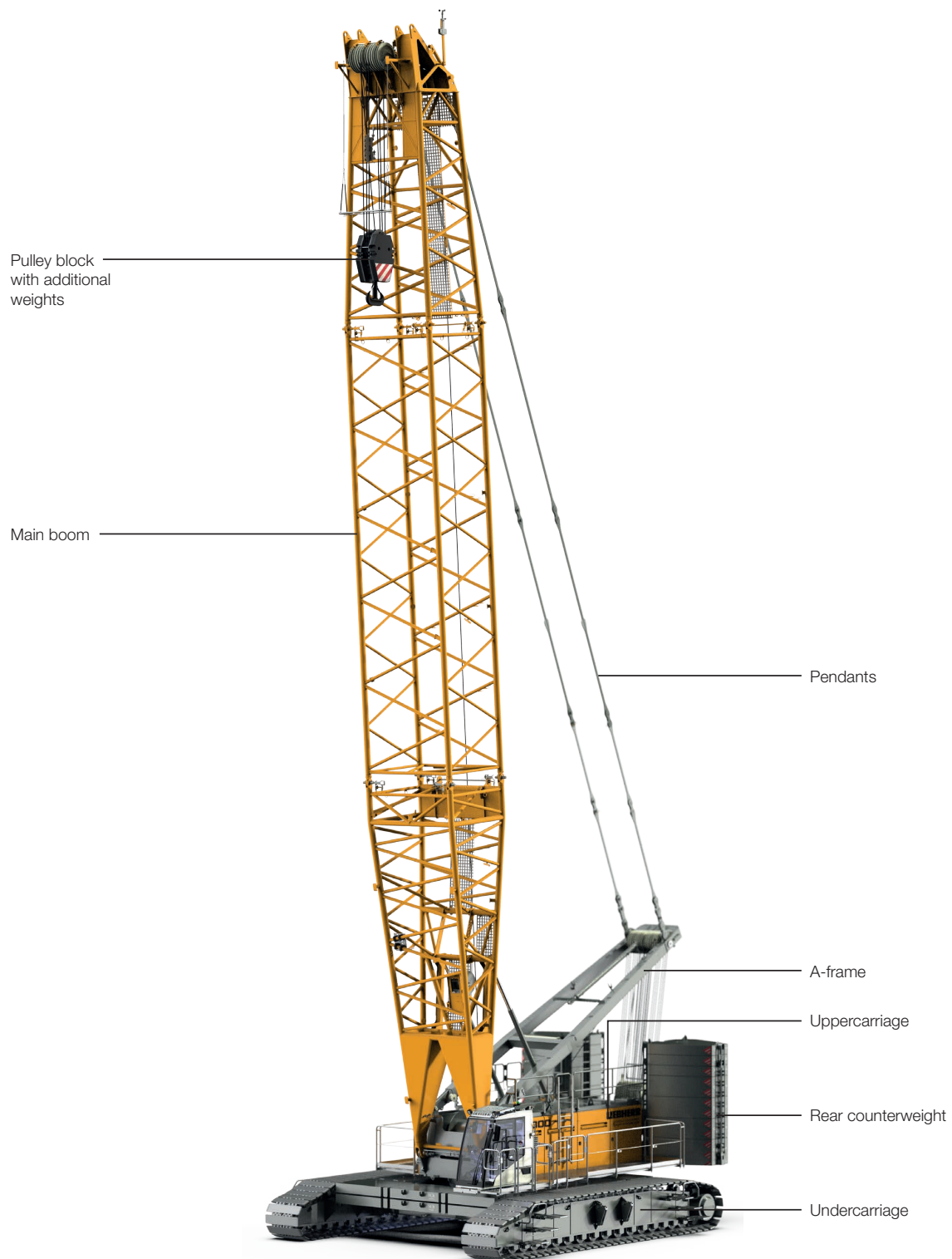
LR 1006.02.07

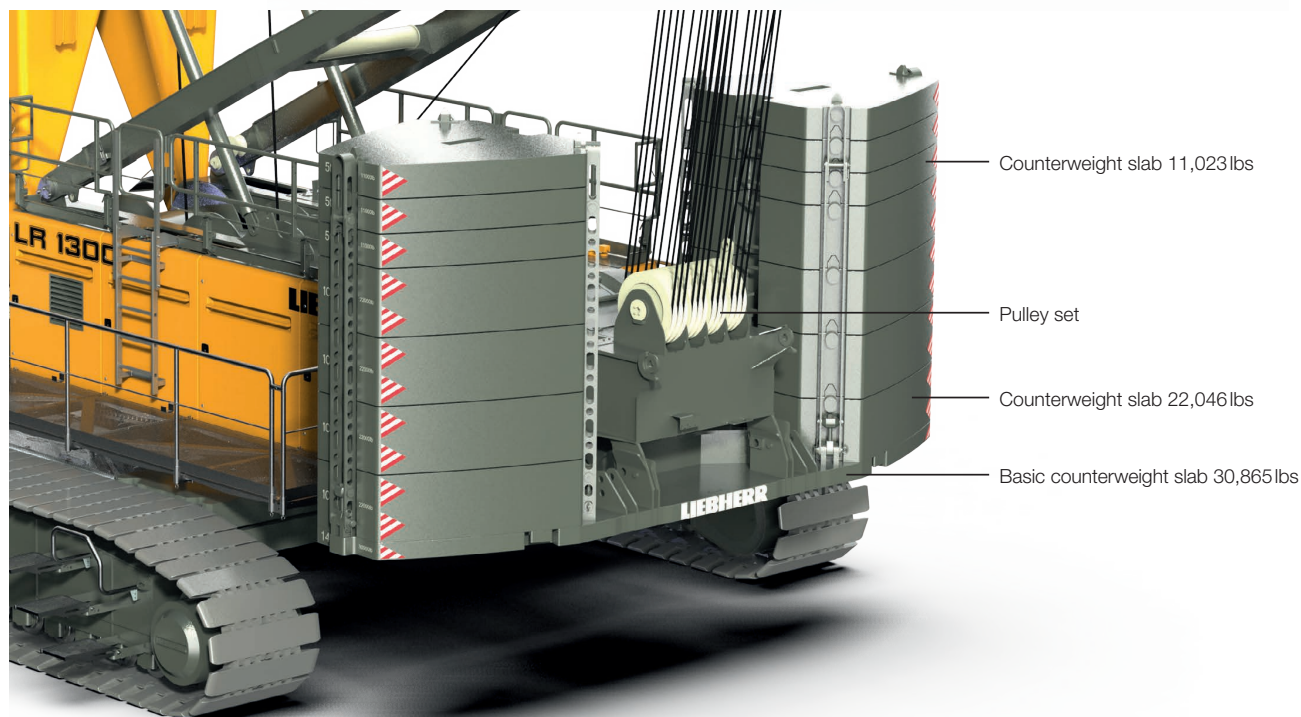
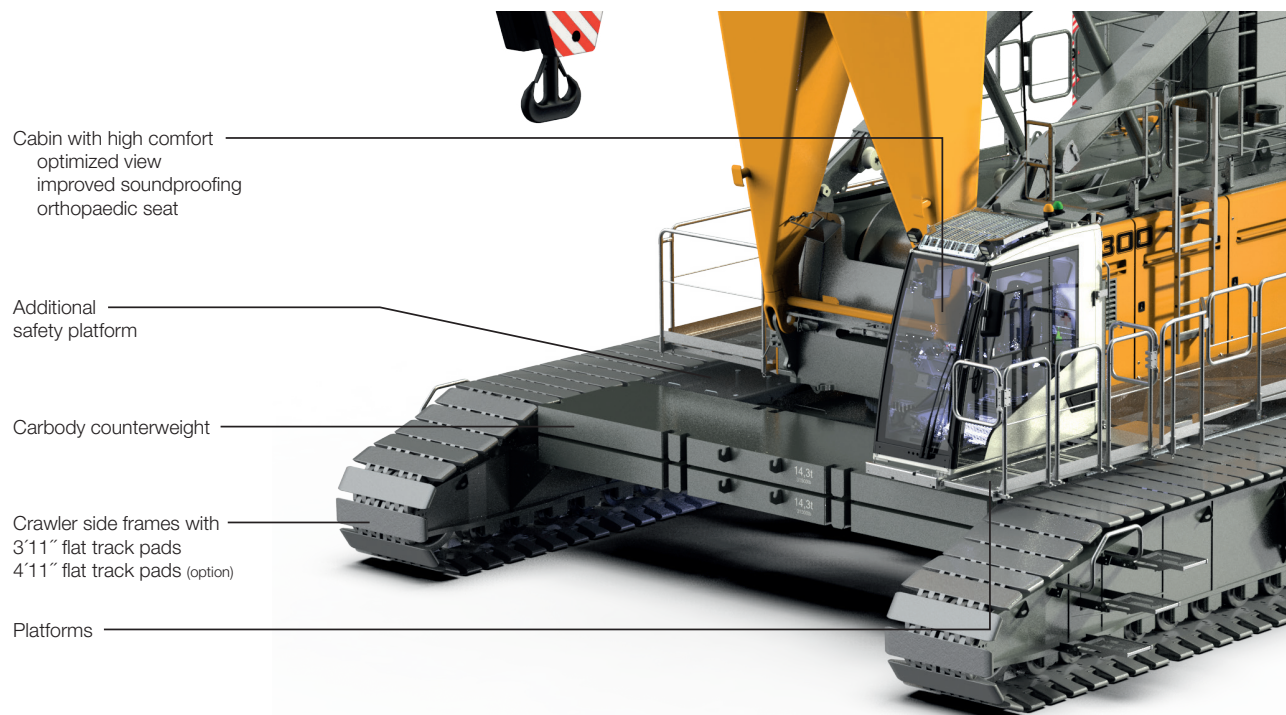


**LIEBHERR**



## Concept and characteristics



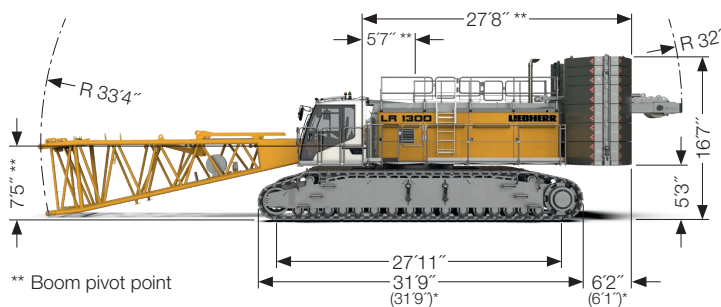






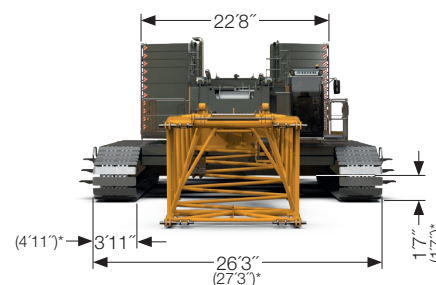
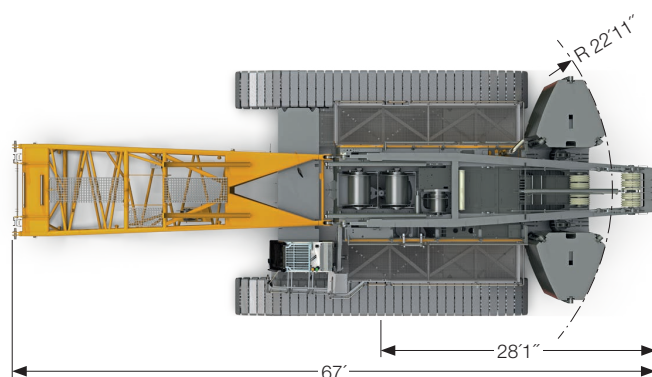
## Dimensions

### Standard



\*\* Boom pivot point

\* Option: crawler side frames with 4'11" flat track pads



### Operating weight

The operating weight includes the basic machine with crawler side frames, winches 1+2 (2x 33,721 lbf) incl. 2 hoist ropes (2x 787 ft) and 66ft main boom, consisting of A-frame, boom foot (33ft), boom head (23ft), boom section (10ft), 273,373 lbs rear counterweight, 125,663 lbs carbody counterweight and 661,300 lbs pulley block.

Total weight approx. 639,341 lbs

### Ground pressure

The actual ground pressure is calculated according to the configuration and position of the machine and displayed in the operator's cabin. Using the optional Liebherr Crane Planner the actual ground pressure can already be calculated and displayed in the planning stage.

### Equipment

|                                                                |                   |
|----------------------------------------------------------------|-------------------|
| Main boom (No. 2821.xx)                                        | 66-302 ft         |
| Fixed jib (No. 0906.21)                                        | 23 ft             |
| Fixed jib (No. 1507.20)                                        | 26 ft             |
| Fixed jib (No. 1008.xx)                                        | 36-85 ft          |
| Fixed jib (No. 1713.xx)                                        | 46-115 ft         |
| Luffing jib (No. 1916.xx)                                      | 66-312 ft         |
| Max. boom combination<br>(main boom 213ft + luffing jib 312ft) | 525 ft            |
| Luffing jib (No. 2316.xx)                                      | 66-370 ft         |
| Max. boom combination<br>(main boom 184ft + luffing jib 370ft) | 554 ft            |
| Auxiliary jib for main boom (No. 2821.xx)                      | 79,370 lbs        |
| Auxiliary jib for luffing jib (No. 1916.xx)                    | 33,070 lbs        |
| Auxiliary jib for luffing jib (No. 2316.xx)                    | 66,140/99,210 lbs |

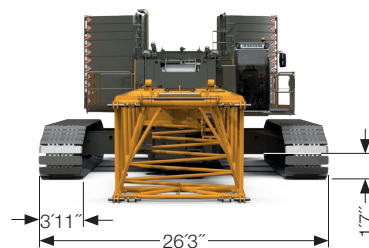
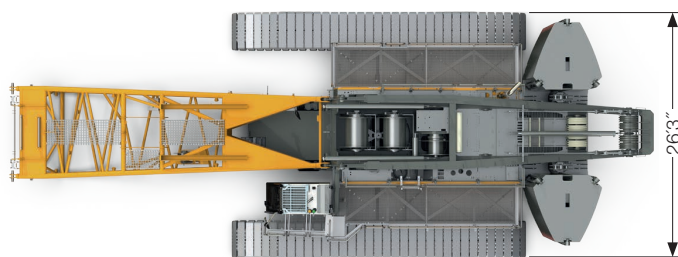
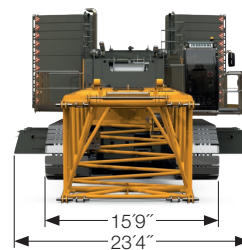
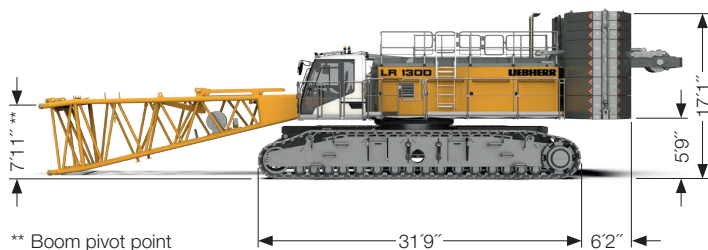
### Remarks

1. The lifting capacities stated are valid for lifting operation only (corresponding with crane classification according to ISO 4301-1, crane group A1).
2. Crane standing on firm, horizontal ground.
3. The weight of the lifting device (pulley block, hoist ropes, shackle etc.) must be deducted from the gross lifting capacity to obtain a net lifting value.
4. Additional equipment on boom (e.g. platforms) must be deducted from the load capacity.
5. The max. admissible wind speed can be preselected in the LML software and is shown in the load chart.
6. Working radii are measured from centre of swing and under load.
7. The lifting capacities are valid for 360 degrees of swing.
8. Calculation of stability under load is based on ANSI/ASME B 30.5 load ratings as well as ISO 4305 Table 2 and tested according to SAE J765 and SAE J987.
9. Weights may vary depending on the delivered configuration of the machine, filling level of the tanks as well as generally valid tolerances.
10. The figures in this brochure may include options which are not within the standard scope of supply of the machine.

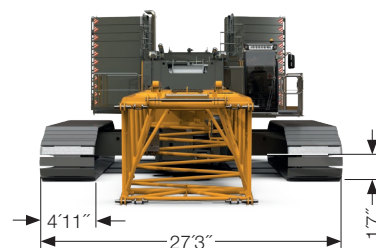
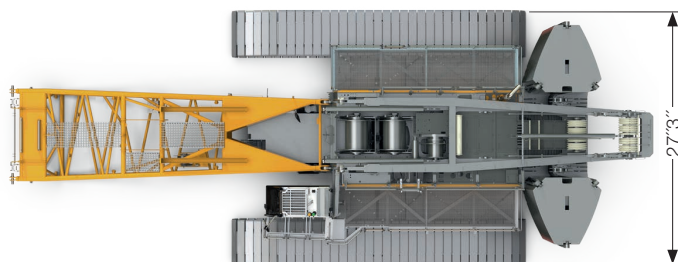
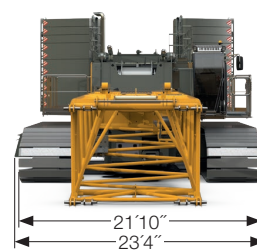
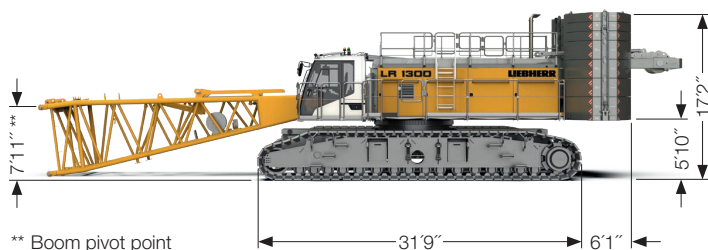




Undercarriage with adjustable track width – 3'11" flat track pads (option)

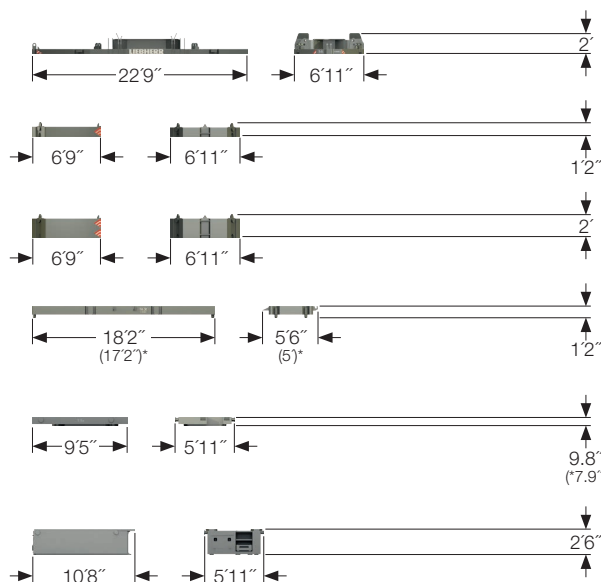
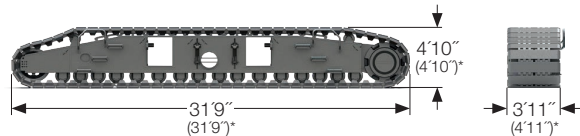
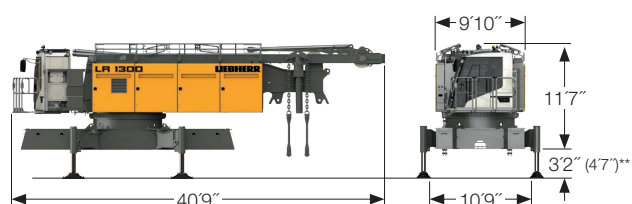
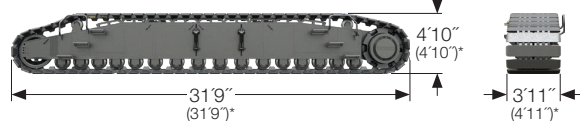
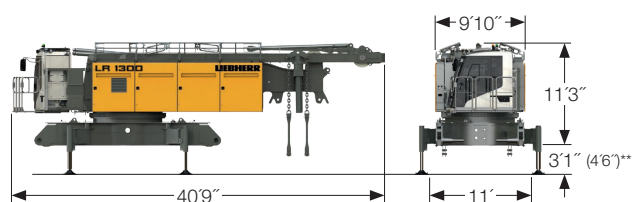


Undercarriage with adjustable track width – 4'11" flat track pads (option)





## Transport dimensions and weights



### Basic machine

#### Basic machine

with A-frame 1, winches 1 + 2 (2x 33,721 lbf), without boom foot, without rear counterweight, without carbody counterweight and crawler side frames

|                           |             |
|---------------------------|-------------|
| Weight without hoist rope | 101,413 lbs |
| Weight of hoist rope      | 2.82 lbs/ft |

#### Crawler side frame

2x

|                 | Standard   | Option     |
|-----------------|------------|------------|
| Flat track pads | 3'11"      | 4'11"      |
| Weight          | 49,273 lbs | 57,761 lbs |

#### Basic machine with adjustable track width (option)

with A-frame, winches 1 + 2 (2x 33,721 lbf), without boom foot, without rear counterweight, without carbody counterweight and crawler side frames

|                           |             |
|---------------------------|-------------|
| Weight without hoist rope | 102,515 lbs |
| Weight of hoist rope      | 2.82 lbs/ft |

#### Crawler side frame adjustable (option)

2x

|                 | Standard   | Option     |
|-----------------|------------|------------|
| Flat track pads | 3'11"      | 4'11"      |
| Weight          | 50,706 lbs | 59,194 lbs |

### Counterweight

#### Basic counterweight slab without tie-down

1x

|        |            |
|--------|------------|
| Weight | 30,865 lbs |
|--------|------------|

#### Counterweight slab

6x

|        |            |
|--------|------------|
| Weight | 11,023 lbs |
|--------|------------|

#### Counterweight slab

8x

|        |            |
|--------|------------|
| Weight | 22,046 lbs |
|--------|------------|

#### Carbody counterweight (for undercarriage with fixed track width)

4x

|        | Standard   | Option*    |
|--------|------------|------------|
| Weight | 31,526 lbs | 29,542 lbs |

#### Carbody counterweight (for undercarriage with adjustable track width)

2x

|        | Standard   | Option*    |
|--------|------------|------------|
| Weight | 16,535 lbs | 12,236 lbs |

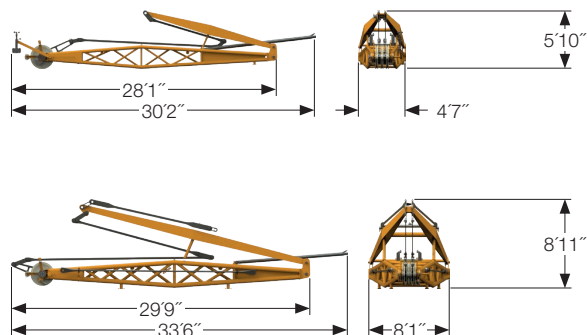
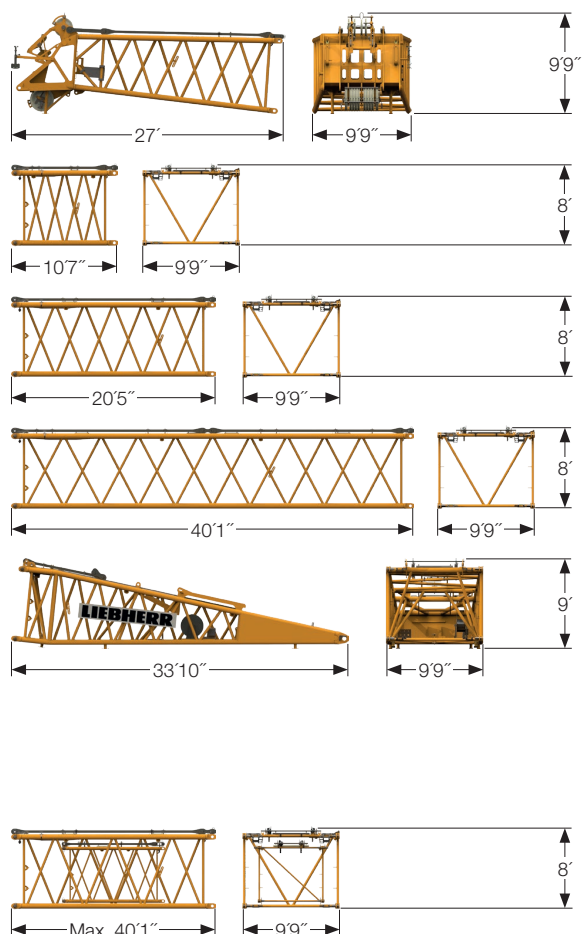
#### Carbody counterweight (for undercarriage with adjustable track width)

2x

|        |            |
|--------|------------|
| Weight | 41,447 lbs |
|--------|------------|

\* Option: crawler side frames with 4'11" flat track pads

\*\* Option: telescopic jack-up cylinders



## Main boom (No. 2821.xx)

|                                |              |
|--------------------------------|--------------|
| <b>Boom head</b> (No. 2821.24) | <b>23 ft</b> |
| Weight incl. boom pendants     | 11,905 lbs   |

|                                    |              |
|------------------------------------|--------------|
| <b>Boom section</b> (No. 2821.30)  | <b>10 ft</b> |
| Weight incl. boom pendants         | 3,086 lbs    |
| Weight incl. boom and jib pendants | 3,307 lbs    |

|                                    |              |
|------------------------------------|--------------|
| <b>Boom section</b> (No. 2821.30)  | <b>20 ft</b> |
| Weight incl. boom pendants         | 4,696 lbs    |
| Weight incl. boom and jib pendants | 5,093 lbs    |

|                                    |              |
|------------------------------------|--------------|
| <b>Boom section</b> (No. 2821.30)  | <b>40 ft</b> |
| Weight incl. boom pendants         | 8,289 lbs    |
| Weight incl. boom and jib pendants | 9,083 lbs    |

|                                |              |
|--------------------------------|--------------|
| <b>Boom foot</b> (No. 2821.30) | <b>33 ft</b> |
| Weight incl. winch with rope   | 16,314 lbs   |
| Weight without winch           | 12,566 lbs   |

## Transport option

### Transport option (No. 2821.xx/2316.xx)

10 ft main boom and jib section  
20 ft main boom and jib section  
40 ft main boom and jib section

|                       | 10/10 ft  | 20/20 ft  | 40/40 ft   |
|-----------------------|-----------|-----------|------------|
| Weight incl. pendants | 4,630 lbs | 7,187 lbs | 13,051 lbs |

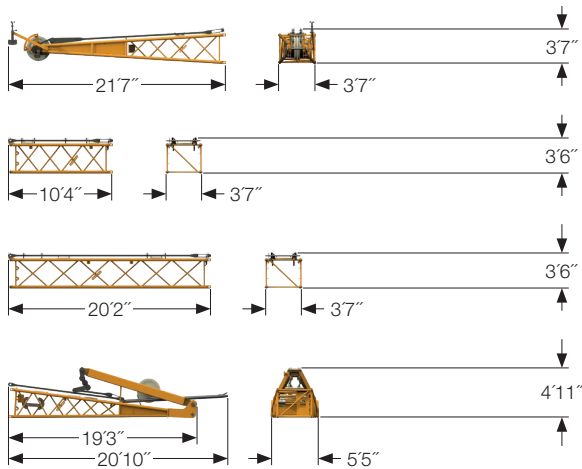
## Fixed jib (No. 0906.21)

|                                |              |
|--------------------------------|--------------|
| <b>Fixed jib</b> (No. 0906.21) | <b>23 ft</b> |
| Weight incl. pendants          | 5,291 lbs    |

## Fixed jib (No. 1507.20)

|                                |              |
|--------------------------------|--------------|
| <b>Fixed jib</b> (No. 1507.20) | <b>26 ft</b> |
| Weight incl. pendants          | 7,275 lbs    |





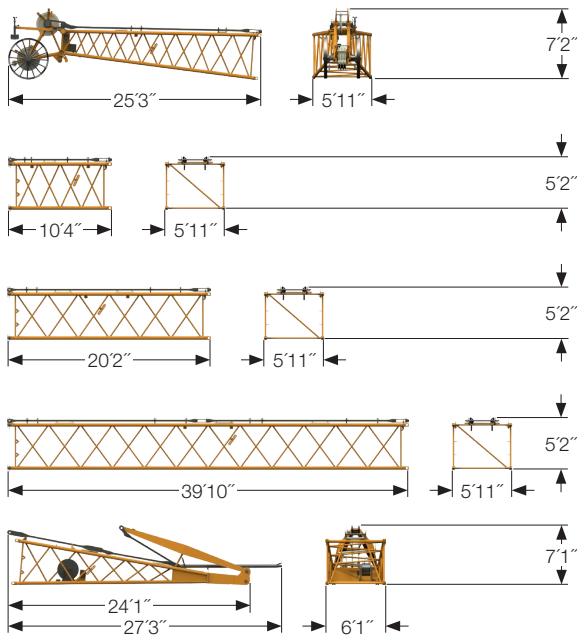
## Fixed jib (No. 1008.xx)

|                               |              |
|-------------------------------|--------------|
| <b>Jib head</b> (No. 1008.20) | <b>18 ft</b> |
| Weight incl. pendants         | 2,028 lbs    |

|                                  |              |
|----------------------------------|--------------|
| <b>Jib section</b> (No. 1008.17) | <b>10 ft</b> |
| Weight incl. pendants            | 661 lbs      |

|                                  |              |
|----------------------------------|--------------|
| <b>Jib section</b> (No. 1008.17) | <b>20 ft</b> |
| Weight incl. pendants            | 1,389 lbs    |

|                                            |              |
|--------------------------------------------|--------------|
| <b>Jib foot with A-frame</b> (No. 1008.20) | <b>18 ft</b> |
| Weight incl. pendants                      | 4,299 lbs    |



## Fixed jib (No. 1713.xx)

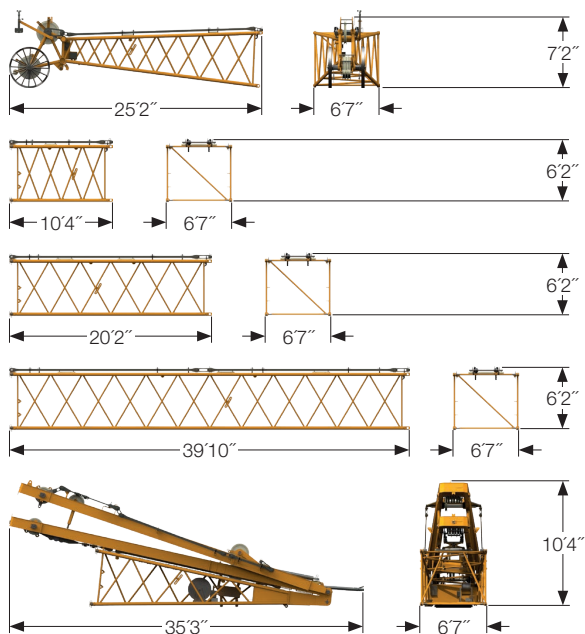
|                               |              |
|-------------------------------|--------------|
| <b>Jib head</b> (No. 1713.21) | <b>23 ft</b> |
| Weight incl. pendants         | 3,031 lbs    |

|                                  |              |
|----------------------------------|--------------|
| <b>Jib section</b> (No. 1713.18) | <b>10 ft</b> |
| Weight incl. pendants            | 926 lbs      |

|                                  |              |
|----------------------------------|--------------|
| <b>Jib section</b> (No. 1713.18) | <b>20 ft</b> |
| Weight incl. pendants            | 1,389 lbs    |

|                                  |              |
|----------------------------------|--------------|
| <b>Jib section</b> (No. 1713.18) | <b>40 ft</b> |
| Weight incl. pendants            | 2,513 lbs    |

|                                            |              |
|--------------------------------------------|--------------|
| <b>Jib foot with A-frame</b> (No. 1713.22) | <b>23 ft</b> |
| Weight incl. pendants                      | 10,185 lbs   |



## Luffing jib (No. 1916.xx)

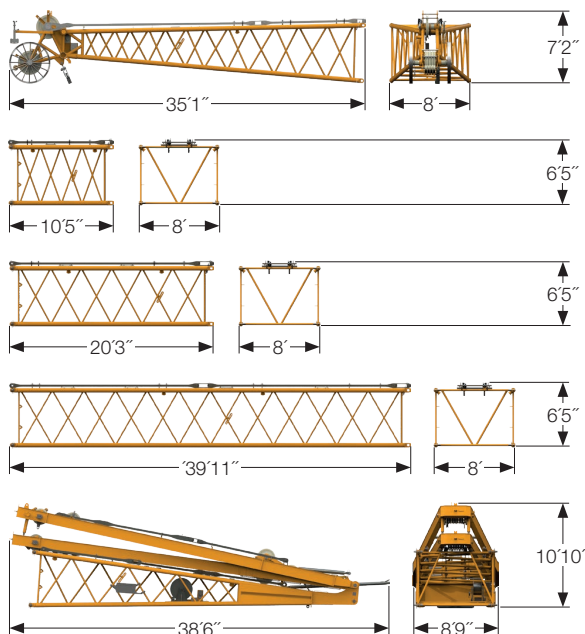
|                               |              |
|-------------------------------|--------------|
| <b>Jib head</b> (No. 1916.21) | <b>23 ft</b> |
| Weight incl. pendants         | 3,417 lbs    |

|                                  |              |
|----------------------------------|--------------|
| <b>Jib section</b> (No. 1916.18) | <b>10 ft</b> |
| Weight incl. pendants            | 1,047 lbs    |

|                                  |              |
|----------------------------------|--------------|
| <b>Jib section</b> (No. 1916.18) | <b>20 ft</b> |
| Weight incl. pendants            | 1,521 lbs    |

|                                  |              |
|----------------------------------|--------------|
| <b>Jib section</b> (No. 1916.18) | <b>40 ft</b> |
| Weight incl. pendants            | 2,756 lbs    |

|                                                   |              |
|---------------------------------------------------|--------------|
| <b>Jib foot with A-frames 2 + 3</b> (No. 1916.22) | <b>23 ft</b> |
| Weight incl. pendants                             | 13,889 lbs   |



## Luffing jib (No. 2316.xx)

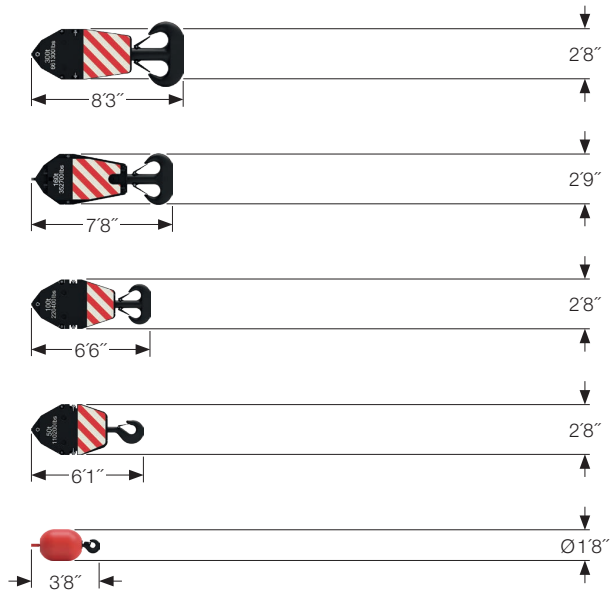
|                               |              |
|-------------------------------|--------------|
| <b>Jib head</b> (No. 2316.20) | <b>33 ft</b> |
| Weight incl. pendants         | 5,071 lbs    |

|                                  |              |
|----------------------------------|--------------|
| <b>Jib section</b> (No. 2316.20) | <b>10 ft</b> |
| Weight incl. pendants            | 1,323 lbs    |

|                                  |              |
|----------------------------------|--------------|
| <b>Jib section</b> (No. 2316.20) | <b>20 ft</b> |
| Weight incl. pendants            | 2,094 lbs    |

|                                  |              |
|----------------------------------|--------------|
| <b>Jib section</b> (No. 2316.20) | <b>40 ft</b> |
| Weight incl. pendants            | 3,968 lbs    |

|                                                   |              |
|---------------------------------------------------|--------------|
| <b>Jib foot with A-frames 2 + 3</b> (No. 2316.22) | <b>33 ft</b> |
| Weight incl. pendants                             | 17,769 lbs   |



## Pulley block with additional weights / load hooks

### 661,300 lbs pulley block – 11 pulleys

|        |                    |
|--------|--------------------|
| Width  | 4'                 |
| Weight | 7,055 / 12,125 lbs |

### 352,700 lbs pulley block – 5 pulleys

|        |                           |
|--------|---------------------------|
| Width  | 3'                        |
| Weight | 3,527 / 6,173 / 8,818 lbs |

### 220,400 lbs pulley block – 3 pulleys

|        |                           |
|--------|---------------------------|
| Width  | 2'1"                      |
| Weight | 2,425 / 4,519 / 6,614 lbs |

### 110,200 lbs pulley block – 1 pulley

|        |                           |
|--------|---------------------------|
| Width  | 1'9" mm                   |
| Weight | 1,764 / 3,527 / 5,291 lbs |

### 27,560 lbs load hook

|        |           |
|--------|-----------|
| Weight | 1,984 lbs |
|--------|-----------|





## Technical description



### Diesel engine

Power rating according to ISO 9249, 390 kW (523 hp) at 1700 rpm  
Engine type ————— Liebherr D 946 A7-04  
Fuel tank ————— 198 gal capacity with continuous level indicator and reserve warning  
Engine complies with NRMM exhaust certification EPACARB Tier 4f and 97/68 EC Stage IV.



### Hydraulic system

A double axial displacement pump supplies the main boom and luffing jib winch and the crawlers in open circuits. Winches 1 + 2 and the swing gear work in closed circuits. All movements can be performed simultaneously. To minimize peak pressure an automatic working pressure cut-off is integrated in the pump. All filters are electronically monitored. The use of synthetic environmentally friendly oil is also possible. Furthermore, an emergency operation mode is installed.

Working pressure ————— max. 5,076 PSI  
Hydraulic oil tank capacity — 172 gal



### Luffing jib winch

Line pull ————— max. 23,605 lbf  
Rope diameter ————— 20 mm  
Jib luffing ————— 69 sec. from 15° to 78°



### Boom winch

Line pull ————— max. 48,784 lbf  
Rope diameter ————— 24 mm  
Boom up ————— 127 sec. from 15° to 86°



### Crawlers

Propulsion through axial piston motor, hydraulically released spring loaded multi-disc brake, crawler tracks, hydraulic chain tensioning device.

Flat track pads ————— 3'11" (option 4'11")  
Drive speed ————— 0-0.764 mph



### Swing gear

Consists of rollerbearing with external teeth, swing gear with fixed axial piston hydraulic motor, spring loaded and hydraulically released multi-disc holding brake, planetary gearbox and pinion. Both swing modes are possible – speed control or free swing. A multi-disc holding brake acts automatically at zero swing motion.  
Swing speed from 0-1.8 rpm continuously variable.



### Hoisting gear

Standard crane winches 1 + 2  
Line pull in the 1<sup>st</sup> layer ————— max. 48,334 lbf  
Line pull in the 7<sup>th</sup> layer ————— 33,721 lbf  
Rope diameter ————— 28 mm  
Drum diameter ————— 2.4 ft  
Rope speed ————— 0-372 ft/min  
Rope capacity in 7 layers ————— 1870 ft

The winches are outstanding in their compact design and easy assembly. Propulsion is via a planetary gearbox in an oil bath. Load support by the hydraulic system; additional safety factor by a spring-loaded, multi-disc holding brake. The main winches use pressure controlled, variable flow hydraulic motors. This system features sensors that automatically adjust oil flow to provide max. winch speed depending on load.

Optional free-fall winches:

Line pull in the 1<sup>st</sup> layer (crane operation) ————— max. 42,714 lbf  
Line pull in the 7<sup>th</sup> layer (crane operation) ————— 29,225 lbf  
Line pull in the 1<sup>st</sup> layer (free-fall operation) ————— max. 38,218 lbf  
Line pull in the 7<sup>th</sup> layer (free-fall operation) ————— 26,527 lbf  
Rope diameter ————— 28 mm  
Drum diameter ————— 2.4 ft  
Rope speed ————— 0-427 ft/min  
Rope capacity in 7 layers ————— 1870 ft

The winches are outstanding in their compact design and easy assembly. Clutch and braking functions on the free-fall system are provided by a compact designed, low wear and maintenance-free multi-disc brake.



### Control

The heart of the hydraulic crawler cranes is the Liebherr control system which has been developed and manufactured in-house. It includes all control and monitoring functions and is designed to withstand extreme environmental conditions and heavy duty construction tasks. Complete machine operating data as well as warning signals and irregularities are clearly displayed on the monitor in the operator's cabin in the required language. The electro-hydraulic proportional control allows several movements to be performed simultaneously and precisely. Moreover, the power cut-off depends on the preselected and expected wind speed and the preselected drive speed level. The operating mode "Lifting" is supplied as a standard. As an option operating modes such as grab operation, personnel lifting, foundation work according to EN 16228 (e.g. vibrator and leader operation) and barge charts can be enabled in the software. The display of ground pressure and centre of gravity is another option.

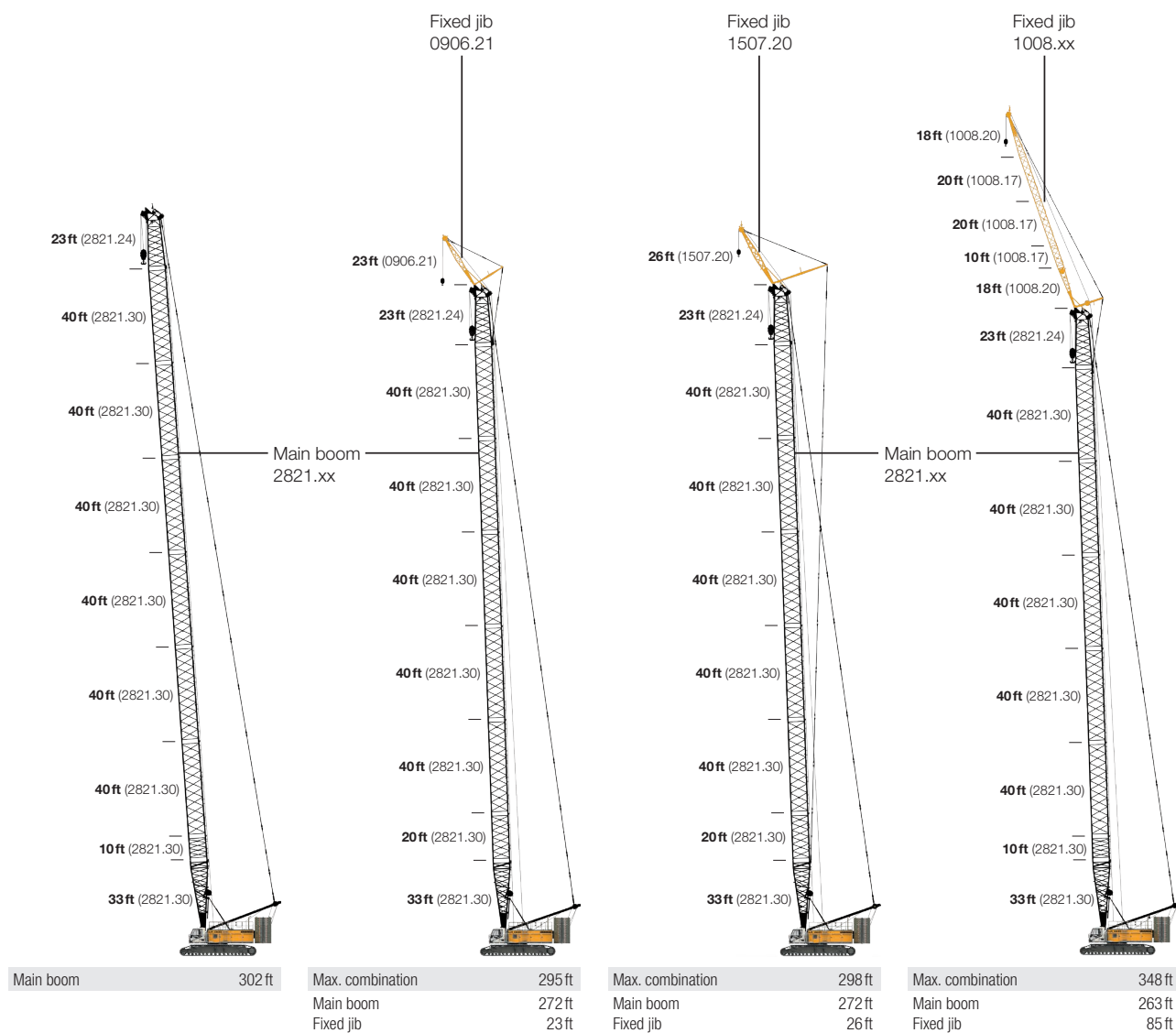


### Noise measurement data and vibration

Noise emissions correspond with 2000/14/EC directive.  
Emission sound pressure level  $L_{PA}$  in the cabin ————— 71.1 dB(A)  
Guaranteed sound power level  $L_{WA}$  ————— 110 dB(A)  
Vibration transmitted to the hand-arm system of the machine operator ————— < 8.20 ft/s<sup>2</sup>  
Vibration transmitted to the whole body of the machine operator ————— < 1.64 ft/s<sup>2</sup>



## Boom combinations

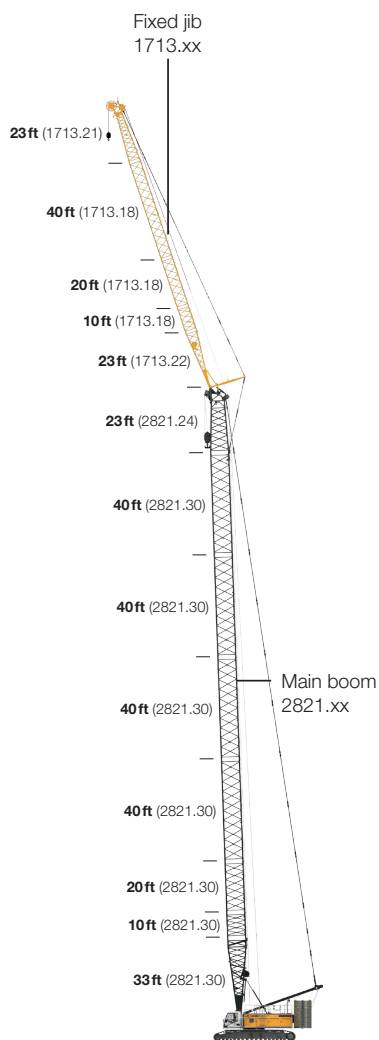


Further information on page 16.

Further information on page 18.

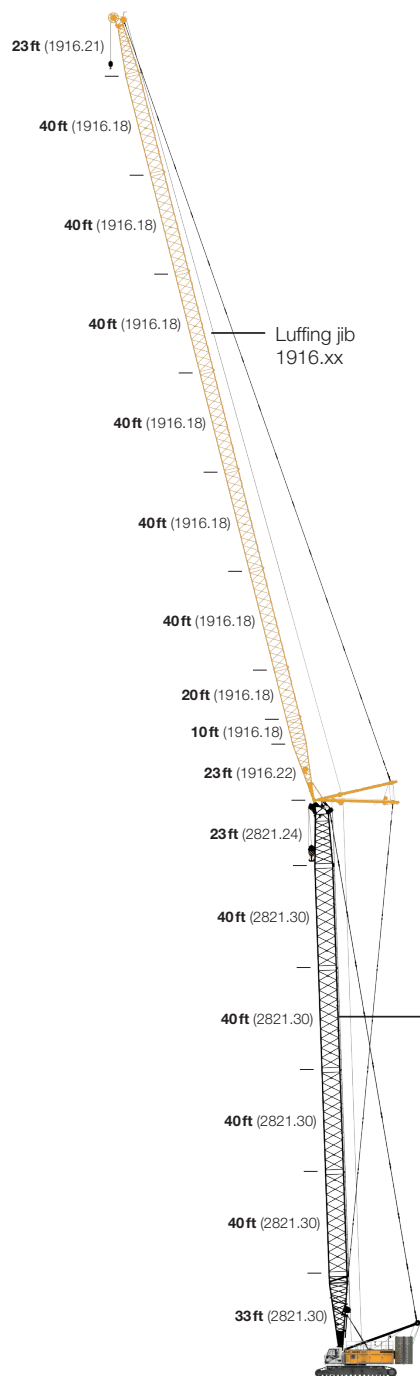
Further information on page 20.

Further information on page 22.



|                  |        |
|------------------|--------|
| Max. combination | 358 ft |
| Main boom        | 243 ft |
| Fixed jib        | 115 ft |

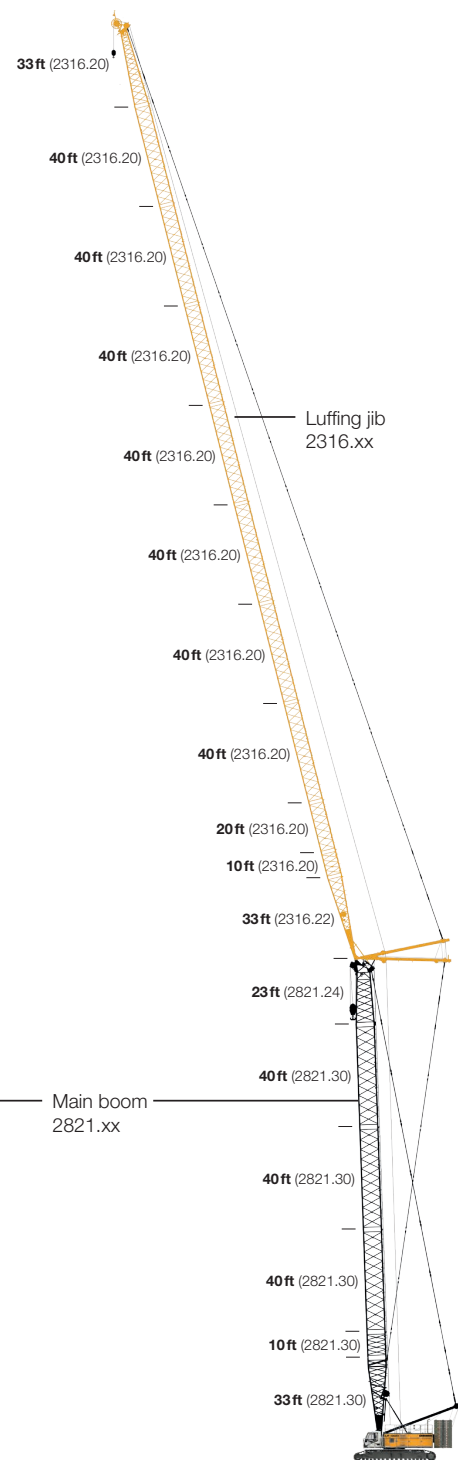
Further information on page 25.



|                  |        |
|------------------|--------|
| Max. combination | 525 ft |
| Main boom        | 213 ft |
| Luffing jib      | 312 ft |

|                  |        |
|------------------|--------|
| Max. combination | 377 ft |
| Main boom        | 233 ft |
| Luffing jib      | 144 ft |

Further information on page 28.

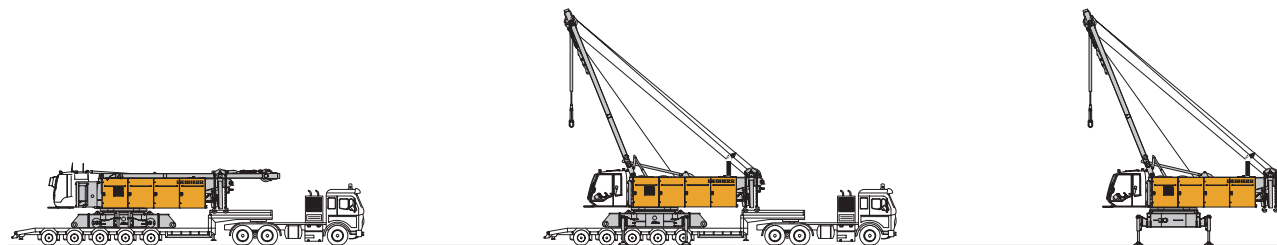


|                  |        |
|------------------|--------|
| Max. combination | 554 ft |
| Main boom        | 184 ft |
| Luffing jib      | 370 ft |

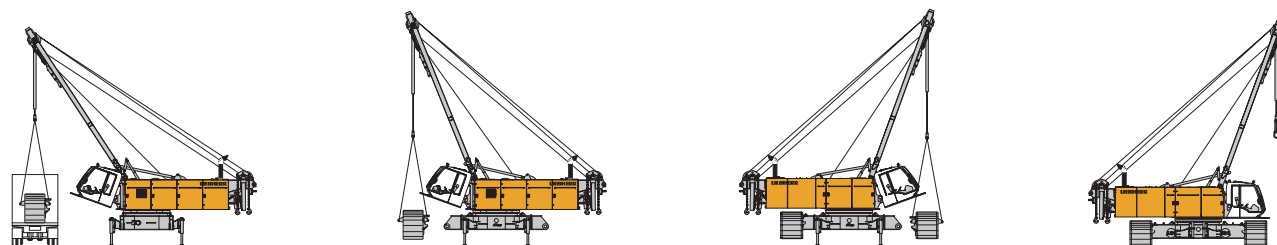
|                  |        |
|------------------|--------|
| Max. combination | 348 ft |
| Main boom        | 223 ft |
| Luffing jib      | 125 ft |

Further information on page 32.

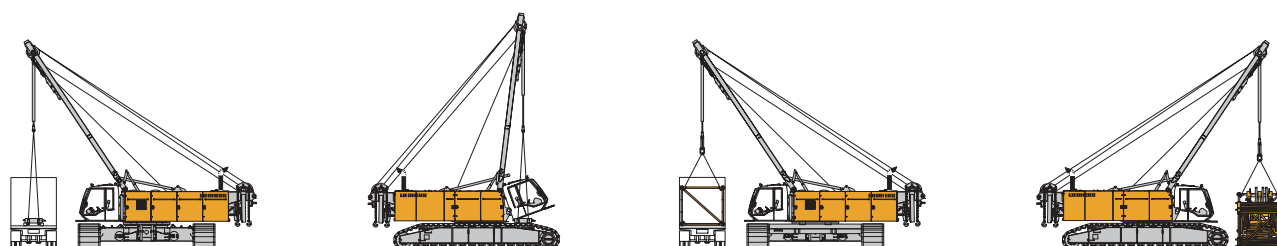
## Self-assembly system of the crawler crane series



Unloading of basic machine

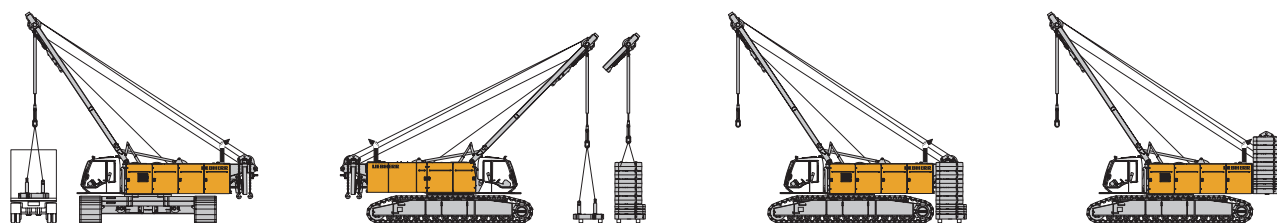


Unloading and assembly of crawler side frames

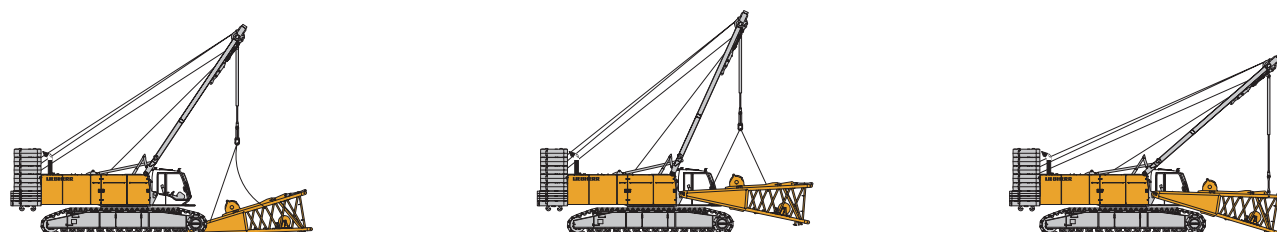


Unloading and assembly of carbody counterweight

Unloading and assembly of boom

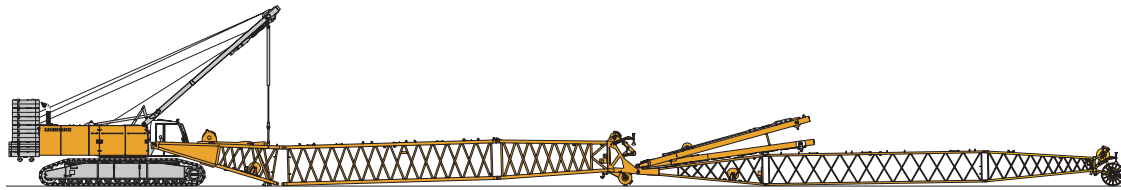


Unloading and assembly of rear counterweight

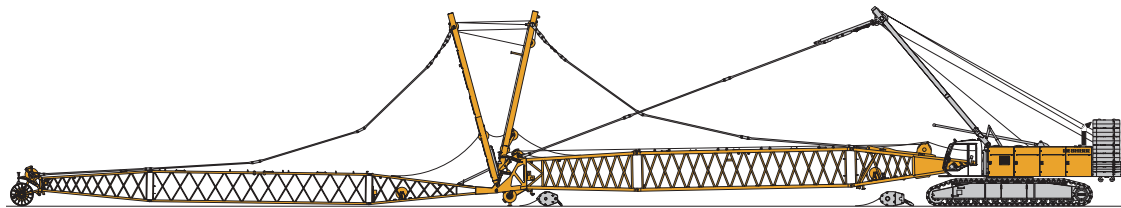


Unloading and assembly of main boom foot





Assembly of boom



Reeving of hoist and luffing jib ropes

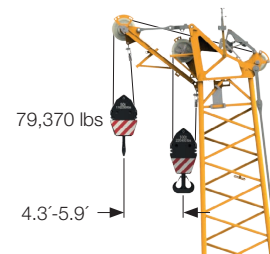
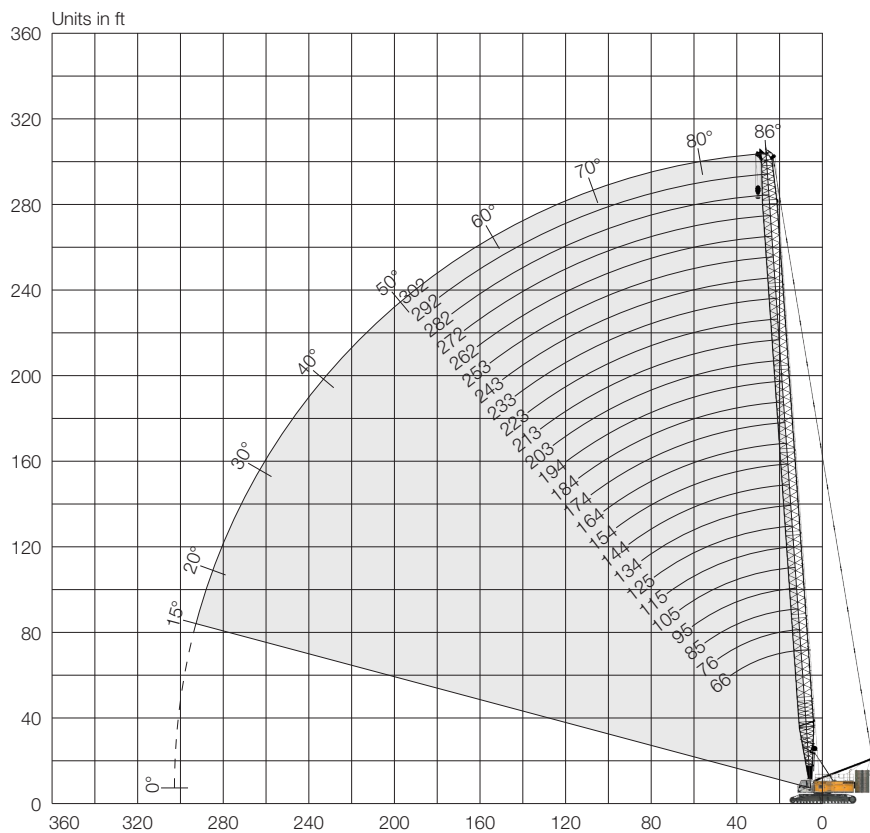


Erecting of main boom and luffing jib



## Main boom (No. 2821.xx)

Main boom 86–15°, 66-302 ft



**Auxiliary jib 79,370 lbs** (option)  
The maximum capacity of the auxiliary jib is 79,370 lbs.  
The corresponding load chart is programmed in the LML system.

Main boom 302 ft

### Main boom configuration (No. 2821.xx)

|                          |         | Amount of boom sections |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |   |   |  |
|--------------------------|---------|-------------------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|--|
|                          | Length* | 1                       | 1  | 1  | 1  | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1 | 1 |  |
| Boom foot                | 33 ft   | 1                       |    | 1  |    | 1   |     | 1   |     | 1   |     | 1   |     | 1   |     | 1   |     | 1   |     | 1   |     | 1   |     | 1   |     | 1   |   | 1 |  |
| Boom section             | 10 ft   |                         | 1  |    |    | 1   | 1   |     |     | 1   | 1   |     |     | 1   | 1   |     |     | 1   | 1   |     |     | 1   | 1   |     |     | 1   | 1 |   |  |
| Boom section             | 20 ft   |                         |    | 1  | 1  | 1   | 1   | 2   | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 4   | 5   | 5   | 5   | 5   | 6   | 6   |     |   |   |  |
| Boom section             | 40 ft   |                         |    |    | 1  | 1   | 1   | 1   | 2   | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 4   | 5   | 5   | 5   | 5   | 6   | 6   |   |   |  |
| Boom head                | 23 ft   | 1                       | 1  | 1  | 1  | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1 | 1 |  |
| Boom length [ft]         |         | 66                      | 76 | 85 | 95 | 105 | 115 | 125 | 134 | 144 | 154 | 164 | 174 | 184 | 194 | 203 | 213 | 223 | 233 | 243 | 253 | 262 | 272 | 282 | 292 | 302 |   |   |  |
| Auxiliary jib applicable |         | ✓                       | ✓  | ✓  | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓ | ✓ |  |

\* Actual lengths of boom sections are metric (e.g. 3 m, 6 m, 7 m, 10 m, 12 m). The figures shown above are approximate conversions to feet.



Load capacities in 1000lbs with main boom (No. 2821.xx)

**Load capacities in 1000lbs with 229,300lbs rear counterweight and 125,700lbs carbody counterweight**

| Radius | Boom length [ft] |       |       |       |       |       |       |       |       |       |       |       |       |       | Radius |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
|        | 66               | 75    | 85    | 105   | 125   | 144   | 164   | 184   | 203   | 223   | 243   | 262   | 272   | 282   |        |
| [ft]   | [lbs]            | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [ft]   |
| 15     | 662.4            | 662.4 |       |       |       |       |       |       |       |       |       |       |       |       | 15     |
| 20     | 578.7            | 578.3 | 577.1 | 574.4 | 570.0 | 526.0 |       |       |       |       |       |       |       |       | 20     |
| 25     | 459.0            | 458.7 | 457.5 | 456.4 | 454.5 | 453.0 | 447.4 | 430.7 | 369.5 |       |       |       |       |       | 25     |
| 30     | 379.1            | 378.8 | 377.7 | 376.7 | 374.7 | 373.3 | 371.2 | 369.6 | 344.9 | 326.4 | 291.8 | 249.7 | 242.4 | 227.7 | 30     |
| 40     | 274.0            | 274.4 | 274.2 | 274.3 | 273.8 | 273.4 | 271.4 | 269.7 | 265.7 | 259.2 | 252.7 | 239.8 | 235.6 | 222.8 | 40     |
| 50     | 198.5            | 198.8 | 198.6 | 198.5 | 197.8 | 197.3 | 196.4 | 195.7 | 194.7 | 193.9 | 190.0 | 185.4 | 183.1 | 180.7 | 50     |
| 60     | 154.0            | 154.4 | 154.1 | 154.1 | 153.3 | 152.6 | 151.6 | 150.8 | 149.7 | 148.8 | 147.7 | 146.4 | 144.5 | 142.5 | 60     |
| 70     |                  | 125.0 | 124.8 | 124.8 | 123.9 | 123.2 | 122.1 | 121.2 | 120.1 | 119.1 | 117.9 | 116.9 | 116.3 | 115.7 | 70     |
| 80     |                  |       | 103.9 | 104.0 | 103.1 | 102.4 | 101.3 | 100.3 | 99.1  | 98.1  | 96.9  | 95.8  | 95.2  | 94.5  | 80     |
| 90     |                  |       |       | 88.4  | 87.6  | 86.9  | 85.7  | 84.8  | 83.5  | 82.4  | 81.2  | 80.0  | 79.4  | 78.8  | 90     |
| 105    |                  |       |       | 71.1  | 70.4  | 69.8  | 68.6  | 67.6  | 66.4  | 65.2  | 63.9  | 62.8  | 62.1  | 61.4  | 105    |
| 125    |                  |       |       |       | 54.4  | 53.9  | 52.8  | 51.8  | 50.5  | 49.4  | 48.0  | 46.8  | 46.2  | 45.4  | 125    |
| 145    |                  |       |       |       |       | 42.5  | 41.6  | 40.6  | 39.3  | 38.2  | 36.8  | 35.6  | 35.0  | 34.2  | 145    |
| 165    |                  |       |       |       |       |       | 33.2  | 32.5  | 31.2  | 30.1  | 28.7  | 27.5  | 26.9  | 26.1  | 165    |
| 185    |                  |       |       |       |       |       |       | 25.9  | 24.7  | 23.7  | 22.3  | 21.1  | 20.5  | 19.7  | 185    |
| 200    |                  |       |       |       |       |       |       |       | 20.7  | 19.7  | 18.4  | 17.2  | 16.5  | 15.8  | 200    |
| 220    |                  |       |       |       |       |       |       |       |       | 15.2  | 13.9  | 12.8  | 12.1  | 11.4  | 220    |
| 240    |                  |       |       |       |       |       |       |       |       |       | 10.2  | 9.1   | 8.5   | 7.7   | 240    |
| 260    |                  |       |       |       |       |       |       |       |       |       |       | 5.9   | 5.3   | 4.6   | 260    |
| 270    |                  |       |       |       |       |       |       |       |       |       |       |       | 3.9   | 3.2   | 270    |
| 275    |                  |       |       |       |       |       |       |       |       |       |       |       |       | 2.4   | 275    |

**Load capacities in 1000lbs with 273,400lbs rear counterweight and 125,700lbs carbody counterweight**

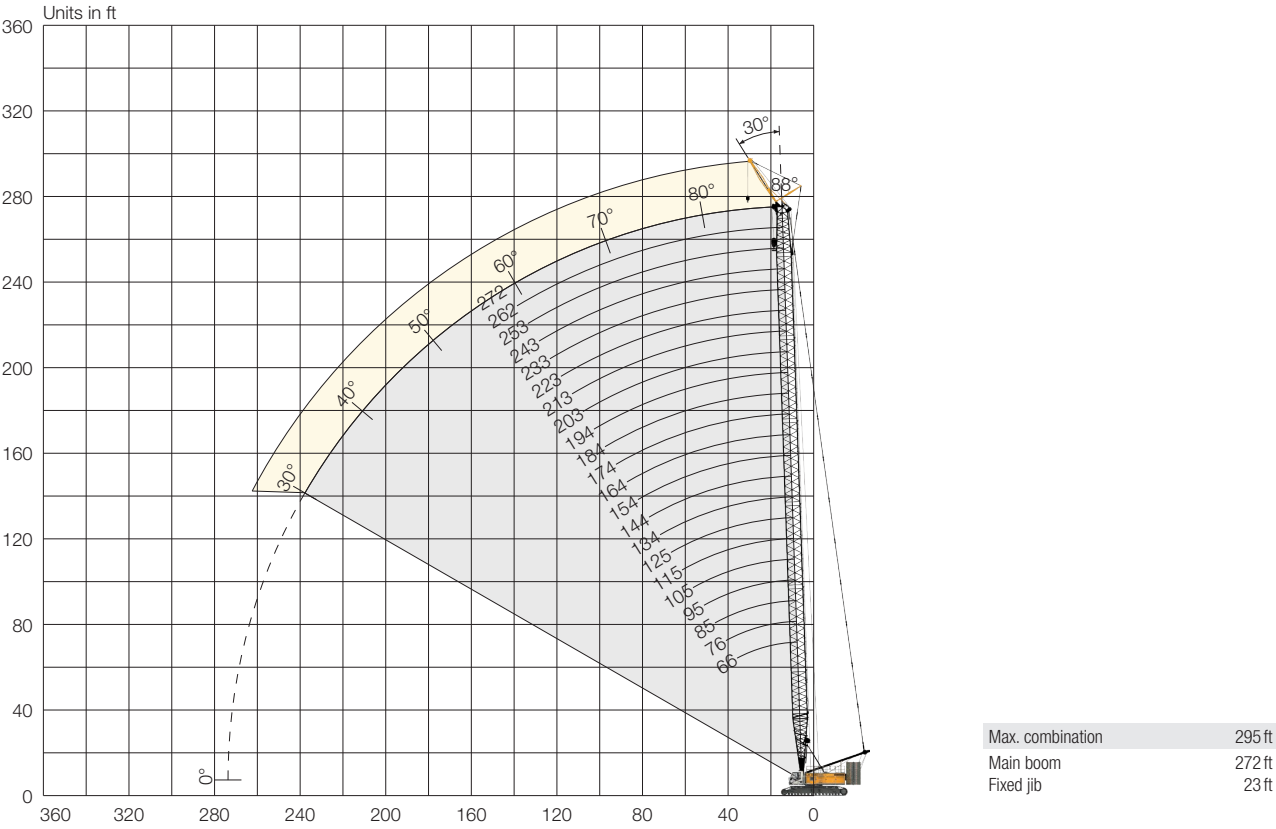
| Radius | Boom length [ft] |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | Radius |
|--------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
|        | 66               | 75    | 85    | 105   | 125   | 144   | 164   | 184   | 203   | 223   | 243   | 262   | 272   | 282   | 292   | 302   |        |
| [ft]   | [lbs]            | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [ft]   |
| 20.9   |                  |       |       |       |       |       | 480.4 |       |       |       |       |       |       |       |       |       | 20.9   |
| 25     |                  |       |       |       |       | 453.8 | 447.4 | 430.7 | 369.5 |       |       |       |       |       |       |       | 25     |
| 30     |                  |       |       | 398.1 | 389.6 | 384.3 | 379.7 | 370.3 | 344.9 | 326.4 | 291.8 | 249.7 | 242.4 | 227.7 | 214.8 |       | 30     |
| 35     |                  |       | 345.3 | 341.5 | 338.1 | 332.7 | 326.1 | 322.4 | 314.7 | 300.7 | 278.3 | 245.7 | 240.7 | 227.0 | 214.8 | 198.8 | 35     |
| 40     | 300.7            | 300.5 | 299.4 | 298.4 | 295.0 | 291.9 | 289.2 | 281.4 | 274.6 | 271.7 | 267.1 | 239.8 | 235.6 | 222.8 | 210.8 | 195.5 | 40     |
| 60     | 174.7            | 175.1 | 174.9 | 174.8 | 174.0 | 173.3 | 172.3 | 171.5 | 170.4 | 169.5 | 168.4 | 167.4 | 166.2 | 163.9 | 161.6 | 155.6 | 60     |
| 70     |                  | 142.2 | 142.0 | 141.9 | 141.1 | 140.4 | 139.3 | 138.4 | 137.3 | 136.3 | 135.1 | 134.1 | 133.5 | 132.9 | 132.4 | 130.9 | 70     |
| 80     |                  |       | 118.6 | 118.6 | 117.8 | 117.1 | 115.9 | 115.0 | 113.8 | 112.8 | 111.5 | 110.4 | 109.8 | 109.2 | 108.7 | 108.1 | 80     |
| 90     |                  |       |       | 101.2 | 100.4 | 99.7  | 98.5  | 97.5  | 96.3  | 95.2  | 94.0  | 92.8  | 92.2  | 91.6  | 91.0  | 90.4  | 90     |
| 105    |                  |       |       | 81.8  | 81.2  | 80.5  | 79.3  | 78.4  | 77.1  | 76.0  | 74.7  | 73.5  | 72.9  | 72.2  | 71.6  | 71.0  | 105    |
| 125    |                  |       |       |       | 63.2  | 62.7  | 61.6  | 60.6  | 59.3  | 58.2  | 56.9  | 55.6  | 55.0  | 54.3  | 53.7  | 53.0  | 125    |
| 145    |                  |       |       |       |       | 50.0  | 49.1  | 48.1  | 46.9  | 45.7  | 44.4  | 43.1  | 42.5  | 41.7  | 41.2  | 40.5  | 145    |
| 165    |                  |       |       |       |       |       | 39.6  | 38.8  | 37.6  | 36.5  | 35.1  | 33.9  | 33.4  | 32.7  | 31.9  | 31.2  | 165    |
| 185    |                  |       |       |       |       |       |       | 31.6  | 30.5  | 29.4  | 28.1  | 26.9  | 26.2  | 25.5  | 24.9  | 24.2  | 185    |
| 200    |                  |       |       |       |       |       |       |       | 26.0  | 25.0  | 23.7  | 22.5  | 21.8  | 21.1  | 20.5  | 19.8  | 200    |
| 220    |                  |       |       |       |       |       |       |       |       | 20.0  | 18.8  | 17.6  | 16.9  | 16.2  | 15.6  | 14.9  | 220    |
| 240    |                  |       |       |       |       |       |       |       |       |       | 14.6  | 13.5  | 12.9  | 12.1  | 11.6  | 10.8  | 240    |
| 260    |                  |       |       |       |       |       |       |       |       |       |       | 9.9   | 9.4   | 8.4   | 7.7   | 6.6   | 260    |
| 270    |                  |       |       |       |       |       |       |       |       |       |       |       | 7.6   | 6.5   | 5.8   | 4.7   | 270    |
| 280    |                  |       |       |       |       |       |       |       |       |       |       |       |       | 4.6   | 4.0   | 2.9   | 280    |
| 285    |                  |       |       |       |       |       |       |       |       |       |       |       |       |       | 3.1   |       | 285    |

TLT 10539958. Above load charts are for reference only.  
For actual lift duty please refer to load chart in operator's cabin or manual.



Fixed jib (No. 0906.21)

Main boom 88-30°, 66-272 ft | Fixed jib 30°, 23 ft



Main boom configuration (No. 2821.xx)

|                 | Length* | Amount of boom sections |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----------------|---------|-------------------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Boom foot       | 33 ft   | 1                       | 1  | 1  | 1  | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |
| Boom section    | 10 ft   | 1                       |    | 1  |    | 1   |     | 1   |     | 1   |     | 1   |     | 1   |     | 1   |     | 1   |     | 1   |     |
| Boom section    | 20 ft   |                         | 1  | 1  |    |     | 1   | 1   |     |     | 1   | 1   |     |     | 1   | 1   |     |     | 1   | 1   |     |
| Boom section    | 40 ft   |                         |    |    | 1  | 1   | 1   | 1   | 2   | 2   | 2   | 2   | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 4   | 5   |
| Boom head       | 23 ft   | 1                       | 1  | 1  | 1  | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |
| Jib length [ft] |         | 66                      | 76 | 85 | 95 | 105 | 115 | 125 | 134 | 144 | 154 | 164 | 174 | 184 | 194 | 203 | 213 | 223 | 233 | 243 | 253 |

\* Actual lengths of boom sections are metric (e.g. 3 m, 6 m, 7 m, 10 m, 12 m). The figures shown above are approximate conversions to feet.



Load capacities in 1000lbs with fixed jib 30° (No. 0906.21) |  
273,400lbs rear counterweight and 125,700lbs carbody counterweight

## Main boom 66 ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 45          | 142.3 |
| 50          | 135.4 |
| 55          | 128.3 |
| 60          | 123.3 |
| 65          | 119.2 |
| 70          | 115.1 |
| 75          | 111.8 |
| 80          | 109.8 |
| 85          | 108.2 |
|             |       |
|             |       |
|             |       |

## Main boom 85 ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 40          | 157.3 |
| 50          | 143.2 |
| 55          | 137.9 |
| 60          | 131.7 |
| 65          | 126.4 |
| 70          | 122.9 |
| 75          | 119.5 |
| 80          | 116.2 |
| 85          | 111.6 |
| 90          | 103.3 |
| 95          | 95.9  |
| 100         | 89.4  |
| 105         | 83.4  |

## Main boom 105 ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 40          | 162.7 |
| 50          | 149.5 |
| 60          | 138.4 |
| 70          | 128.9 |
| 80          | 120.6 |
| 85          | 111.1 |
| 90          | 102.9 |
| 95          | 95.5  |
| 100         | 89.1  |
| 105         | 83.2  |
| 110         | 78.0  |
| 115         | 73.2  |
| 120         | 68.8  |

## Main boom 125 ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 35          | 173.8 |
| 40          | 166.8 |
| 50          | 154.4 |
| 60          | 143.4 |
| 70          | 135.2 |
| 80          | 119.7 |
| 90          | 101.9 |
| 100         | 88.1  |
| 110         | 77.1  |
| 120         | 68.0  |
| 130         | 60.5  |
| 135         | 57.2  |
| 140         | 54.0  |

## Main boom 144 ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 30          | 184.1 |
| 40          | 169.8 |
| 50          | 157.2 |
| 60          | 148.4 |
| 70          | 139.6 |
| 80          | 118.9 |
| 90          | 101.1 |
| 100         | 87.3  |
| 110         | 76.2  |
| 120         | 67.2  |
| 130         | 59.8  |
| 140         | 53.4  |
| 155         | 45.3  |

## Main boom 164 ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 26.6        | 188.4 |
| 30          | 185.3 |
| 40          | 171.7 |
| 50          | 160.5 |
| 60          | 152.4 |
| 70          | 141.0 |
| 80          | 117.9 |
| 90          | 100.0 |
| 100         | 86.2  |
| 120         | 66.1  |
| 140         | 52.3  |
| 160         | 42.0  |
| 175         | 33.4  |

## Main boom 184 ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 27.3        | 187.3 |
| 30          | 186.5 |
| 40          | 174.1 |
| 50          | 163.5 |
| 60          | 154.2 |
| 70          | 141.1 |
| 80          | 117.1 |
| 100         | 85.2  |
| 120         | 65.3  |
| 140         | 51.3  |
| 160         | 41.0  |
| 180         | 33.1  |
| 190         | 29.8  |

## Main boom 203 ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 28          | 186.2 |
| 30          | 186.2 |
| 40          | 175.9 |
| 50          | 166.1 |
| 60          | 156.7 |
| 80          | 116.1 |
| 100         | 84.1  |
| 120         | 64.1  |
| 140         | 50.1  |
| 160         | 39.8  |
| 180         | 31.9  |
| 200         | 25.6  |
| 205         | 24.2  |

## Main boom 223 ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 28.7        | 185.1 |
| 30          | 185.1 |
| 40          | 176.9 |
| 60          | 155.1 |
| 80          | 115.1 |
| 100         | 83.1  |
| 120         | 63.0  |
| 140         | 49.0  |
| 160         | 38.7  |
| 180         | 30.8  |
| 200         | 24.5  |
| 220         | 19.4  |
| 225         | 18.2  |

## Main boom 243 ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 29.4        | 183.8 |
| 30          | 183.8 |
| 40          | 177.2 |
| 60          | 157.7 |
| 80          | 114.1 |
| 100         | 81.9  |
| 120         | 61.8  |
| 140         | 47.7  |
| 160         | 37.4  |
| 180         | 29.5  |
| 200         | 23.2  |
| 220         | 18.1  |
| 240         | 13.8  |

## Main boom 262 ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 30          | 181.7 |
| 40          | 176.6 |
| 60          | 161.7 |
| 80          | 113.2 |
| 100         | 80.9  |
| 120         | 60.7  |
| 140         | 46.5  |
| 160         | 36.2  |
| 180         | 28.3  |
| 200         | 22.1  |
| 220         | 16.9  |
| 240         | 12.7  |
| 260         | 8.9   |

## Main boom 272 ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 30.4        | 180.5 |
| 40          | 176.4 |
| 60          | 161.7 |
| 80          | 112.7 |
| 100         | 80.3  |
| 120         | 60.1  |
| 140         | 45.9  |
| 160         | 35.6  |
| 180         | 27.7  |
| 200         | 21.4  |
| 220         | 16.3  |
| 240         | 12.1  |
| 265         | 7.0   |

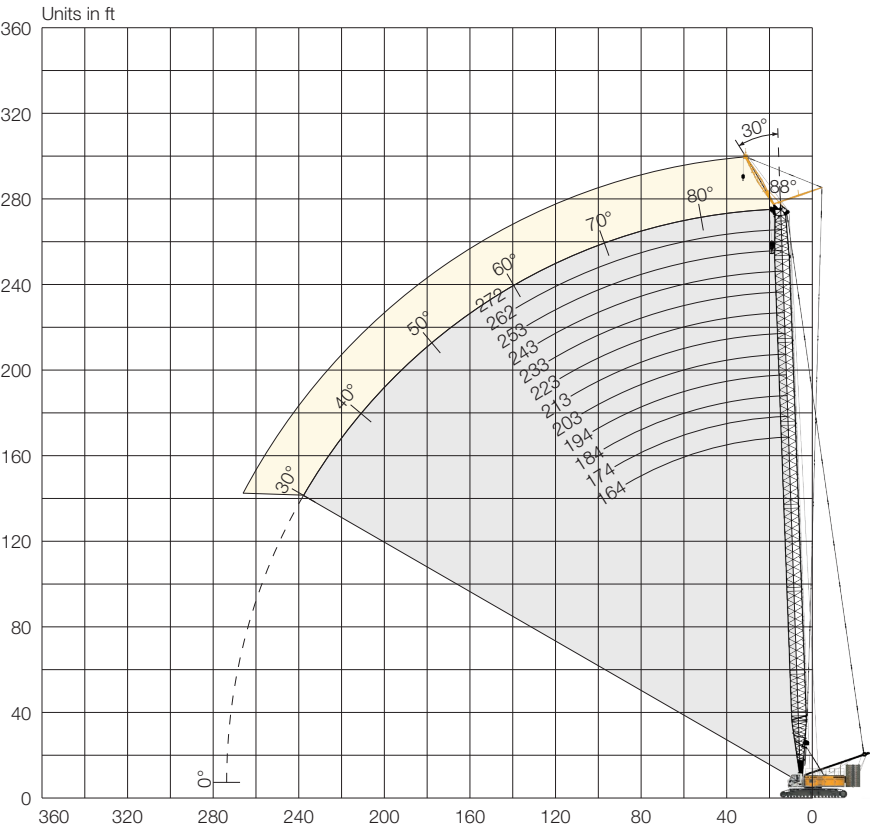
TLT 10539958. Above load charts are for reference only.  
For actual lift duty please refer to load chart in operator's cabin or manual.





Fixed jib (No. 1507.20)

Main boom 88-30°, 164-272 ft | Fixed jib 30°, 26 ft



|                  |        |
|------------------|--------|
| Max. combination | 298 ft |
| Main boom        | 272 ft |
| Fixed jib        | 26 ft  |

Main boom configuration (No. 2821.xx)

|                 | Length* | Amount of jib sections |     |     |     |     |     |     |     |     |     |     |     |
|-----------------|---------|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Jib foot        | 33 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   | 2                      | 3   | 3   | 3   | 3   | 4   | 4   | 4   | 4   | 5   | 5   | 5   |
| Jib head        | 23 ft   | 1                      | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |
| Jib length [ft] |         | 164                    | 174 | 184 | 194 | 203 | 213 | 223 | 233 | 243 | 253 | 262 | 272 |

\* Actual lengths of boom sections are metric (e.g. 3 m, 6 m, 7 m, 10 m, 12 m).  
The figures shown above are approximate conversions to feet.



Load capacities in 1000lbs with fixed jib 30° (No. 1507.20) |  
273,400lbs rear counterweight and 125,700lbs carbody counterweight

## Main boom 164ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 26.2        | 257.9 |
| 30          | 257.9 |
| 40          | 251.6 |
| 50          | 220.5 |
| 60          | 175.2 |
| 70          | 141.2 |
| 80          | 117.2 |
| 90          | 99.3  |
| 100         | 85.4  |
| 120         | 65.4  |
| 140         | 51.4  |
| 160         | 41.1  |
| 175         | 34.9  |

## Main boom 174ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 26.7        | 257.9 |
| 30          | 257.9 |
| 40          | 247.6 |
| 50          | 219.6 |
| 60          | 174.9 |
| 70          | 140.9 |
| 80          | 116.8 |
| 100         | 85.0  |
| 120         | 65.0  |
| 140         | 51.1  |
| 160         | 40.8  |
| 180         | 32.8  |
| 185         | 31.1  |

## Main boom 184ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 27.1        | 257.9 |
| 30          | 257.9 |
| 40          | 246.1 |
| 50          | 217.9 |
| 60          | 174.5 |
| 70          | 140.4 |
| 80          | 116.3 |
| 100         | 84.4  |
| 120         | 64.4  |
| 140         | 50.4  |
| 160         | 40.1  |
| 180         | 32.2  |
| 195         | 27.3  |

## Main boom 194ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 27.4        | 257.9 |
| 30          | 257.9 |
| 40          | 247.6 |
| 50          | 216.5 |
| 60          | 174.1 |
| 70          | 140.0 |
| 80          | 115.8 |
| 100         | 83.9  |
| 120         | 63.8  |
| 140         | 49.8  |
| 160         | 39.5  |
| 180         | 31.6  |
| 200         | 25.3  |

## Main boom 203ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 27.8        | 257.9 |
| 30          | 257.9 |
| 40          | 251.4 |
| 50          | 212.0 |
| 60          | 173.8 |
| 80          | 115.3 |
| 100         | 83.2  |
| 120         | 63.2  |
| 140         | 49.1  |
| 160         | 38.8  |
| 180         | 30.9  |
| 200         | 24.6  |
| 210         | 21.9  |

## Main boom 213ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 28.2        | 257.9 |
| 30          | 257.9 |
| 40          | 257.9 |
| 50          | 209.6 |
| 60          | 173.4 |
| 80          | 114.9 |
| 100         | 82.8  |
| 120         | 62.7  |
| 140         | 48.7  |
| 160         | 38.4  |
| 180         | 30.5  |
| 200         | 24.2  |
| 220         | 19.0  |

## Main boom 223ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 28.6        | 257.2 |
| 30          | 256.7 |
| 40          | 251.7 |
| 60          | 172.3 |
| 80          | 114.4 |
| 100         | 82.2  |
| 120         | 62.1  |
| 140         | 48.0  |
| 160         | 37.6  |
| 180         | 29.8  |
| 200         | 23.5  |
| 220         | 18.3  |
| 225         | 17.1  |

## Main boom 233ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 29          | 243.6 |
| 30          | 243.6 |
| 40          | 239.2 |
| 60          | 170.7 |
| 80          | 113.9 |
| 100         | 81.6  |
| 120         | 61.5  |
| 140         | 47.4  |
| 160         | 37.0  |
| 180         | 29.2  |
| 200         | 22.9  |
| 220         | 17.7  |
| 235         | 14.4  |

## Main boom 243ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 29.3        | 223.1 |
| 40          | 217.8 |
| 60          | 167.9 |
| 80          | 113.3 |
| 100         | 81.0  |
| 120         | 60.8  |
| 140         | 46.7  |
| 160         | 36.3  |
| 180         | 28.4  |
| 200         | 22.1  |
| 220         | 17.0  |
| 240         | 12.7  |
| 245         | 11.7  |

## Main boom 253ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 29.7        | 212.7 |
| 40          | 212.7 |
| 60          | 168.8 |
| 80          | 112.9 |
| 100         | 80.5  |
| 120         | 60.3  |
| 140         | 46.2  |
| 160         | 35.8  |
| 180         | 27.9  |
| 200         | 21.6  |
| 220         | 16.5  |
| 240         | 12.2  |
| 255         | 9.3   |

## Main boom 262ft

| Radius [ft] | [lbs] |
|-------------|-------|
| 30.1        | 196.3 |
| 40          | 193.6 |
| 60          | 165.4 |
| 80          | 112.4 |
| 100         | 80.0  |
| 120         | 59.7  |
| 140         | 45.5  |
| 160         | 35.1  |
| 180         | 27.2  |
| 200         | 20.9  |
| 220         | 15.8  |
| 240         | 11.5  |
| 260         | 7.2   |

## Main boom 272ft

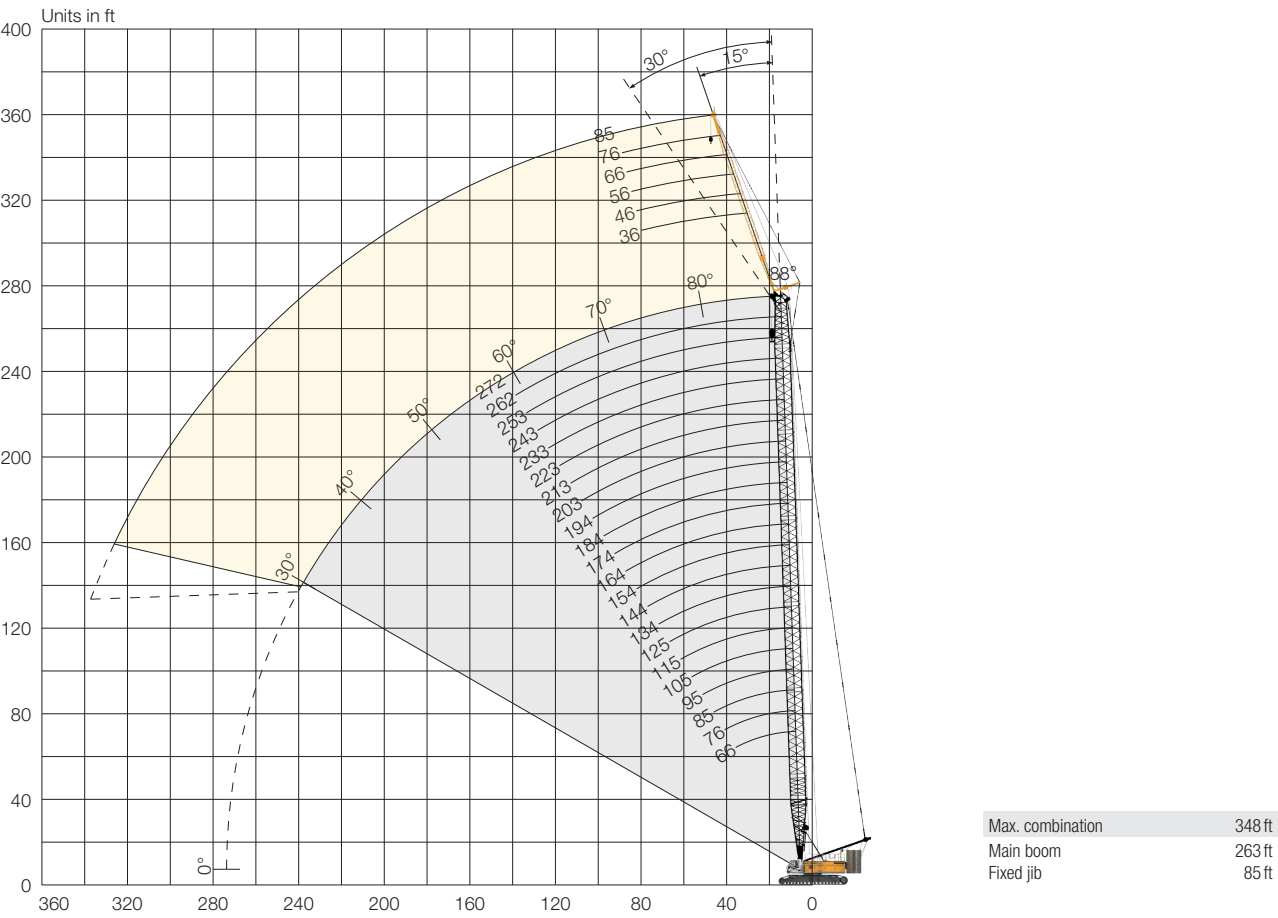
| Radius [ft] | [lbs] |
|-------------|-------|
| 30.4        | 183.7 |
| 40          | 181.2 |
| 60          | 159.3 |
| 80          | 111.9 |
| 100         | 79.4  |
| 120         | 59.1  |
| 140         | 44.9  |
| 160         | 34.5  |
| 180         | 26.6  |
| 200         | 20.3  |
| 220         | 15.1  |
| 240         | 10.8  |
| 270         | 4.2   |

TLT 10539958. Above load charts are for reference only.  
For actual lift duty please refer to load chart in operator's cabin or manual.



Fixed jib (No. 1008.xx)

Main boom 88-30°, 66-272 ft | Fixed jib 15° and 30°, 36-85 ft



Jib configuration (No. 1008.xx)

|                 | Length* | Amount of jib sections |    |    |    |    |    |
|-----------------|---------|------------------------|----|----|----|----|----|
| Jib foot        | 18 ft   | 1                      | 1  | 1  | 1  | 1  | 1  |
| Jib section     | 10 ft   |                        | 1  |    | 1  |    | 1  |
| Jib section     | 20 ft   |                        |    | 1  | 1  | 2  | 2  |
| Jib head        | 18 ft   | 1                      | 1  | 1  | 1  | 1  | 1  |
| Jib length [ft] |         | 36                     | 46 | 56 | 66 | 76 | 85 |

\* Actual lengths of boom sections are metric (e.g. 3m, 5.5m, 6m).  
The figures shown above are approximate conversions to feet.



Load capacities in 1000lbs with fixed jib 15° (No. 1008.xx) |  
273,400lbs rear counterweight and 125,700lbs carbody counterweight

## Main boom 66ft

| Radius | Jib [ft] |       |       |       |
|--------|----------|-------|-------|-------|
|        | 36       | 46    | 66    | 85    |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] |
| 40     | 99.2     |       |       |       |
| 45     | 99.2     | 86.8  |       |       |
| 50     | 97.5     | 78.9  | 58.4  |       |
| 55     | 89.7     | 73.1  | 56.7  | 44.2  |
| 60     | 83.3     | 67.5  | 52.3  | 42.5  |
| 70     | 73.0     | 60.1  | 45.9  | 37.3  |
| 80     | 64.7     | 54.3  | 40.5  | 33.4  |
| 90     | 60.5     | 48.7  | 36.6  | 30.8  |
| 100    | 54.9     | 44.6  | 33.2  | 28.2  |
| 110    |          | 41.0  | 31.9  | 26.0  |
| 130    |          |       | 27.6  | 22.1  |
| 150    |          |       |       | 19.5  |

## Main boom 95ft

| Radius | Jib [ft] |       |       |       |
|--------|----------|-------|-------|-------|
|        | 36       | 46    | 66    | 85    |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] |
| 35     | 99.2     |       |       |       |
| 40     | 99.2     | 96.2  |       |       |
| 45     | 99.2     | 92.9  | 67.9  |       |
| 50     | 99.2     | 89.0  | 63.6  | 49.6  |
| 60     | 97.8     | 76.8  | 57.6  | 45.1  |
| 70     | 85.9     | 68.1  | 50.6  | 40.4  |
| 90     | 69.8     | 57.6  | 41.3  | 33.4  |
| 110    | 61.3     | 48.3  | 35.0  | 28.8  |
| 125    | 54.9     | 43.7  | 32.1  | 26.1  |
| 135    |          | 41.1  | 31.1  | 24.3  |
| 155    |          |       | 27.7  | 21.6  |
| 175    |          |       |       | 19.5  |

## Main boom 125ft

| Radius | Jib [ft] |       |       |       |
|--------|----------|-------|-------|-------|
|        | 36       | 46    | 66    | 85    |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] |
| 30     | 99.2     | 99.2  |       |       |
| 40     | 99.2     | 99.2  | 76.1  |       |
| 45     | 99.2     | 95.8  | 70.5  | 52.2  |
| 50     | 99.2     | 92.9  | 66.6  | 50.2  |
| 70     | 98.3     | 75.5  | 55.0  | 42.4  |
| 90     | 80.1     | 62.2  | 45.7  | 35.4  |
| 110    | 68.0     | 55.2  | 38.8  | 31.4  |
| 130    | 61.0     | 48.1  | 34.1  | 27.7  |
| 150    | 49.2     | 43.2  | 31.7  | 24.6  |
| 160    |          | 41.1  | 30.3  | 23.2  |
| 180    |          |       | 27.7  | 21.2  |
| 200    |          |       |       | 19.6  |

## Main boom 154ft

| Radius | Jib [ft] |       |       |       |
|--------|----------|-------|-------|-------|
|        | 36       | 46    | 66    | 85    |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] |
| 25     | 99.2     |       |       |       |
| 30     | 99.2     | 99.2  |       |       |
| 35     | 99.2     | 99.2  | 79.7  |       |
| 45     | 99.2     | 98.8  | 72.9  | 52.2  |
| 60     | 99.2     | 90.5  | 62.8  | 47.7  |
| 80     | 98.8     | 74.6  | 53.1  | 40.7  |
| 100    | 82.3     | 63.3  | 45.6  | 34.8  |
| 140    | 53.1     | 50.5  | 35.2  | 28.2  |
| 175    | 36.9     | 37.8  | 31.2  | 23.6  |
| 185    |          | 34.3  | 29.9  | 22.6  |
| 205    |          |       | 27.7  | 21.0  |
| 225    |          |       |       | 19.6  |

## Main boom 184ft

| Radius | Jib [ft] |       |       |       |
|--------|----------|-------|-------|-------|
|        | 36       | 46    | 66    | 85    |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] |
| 23.4   | 99.2     |       |       |       |
| 30     | 99.2     | 99.2  |       |       |
| 35     | 99.2     | 99.2  | 78.9  |       |
| 45     | 99.2     | 99.2  | 74.8  | 52.1  |
| 80     | 98.7     | 80.1  | 56.5  | 42.2  |
| 120    | 65.0     | 60.3  | 42.6  | 33.4  |
| 160    | 41.1     | 42.0  | 34.5  | 27.5  |
| 180    | 33.4     | 34.2  | 31.9  | 25.1  |
| 200    | 27.2     | 28.0  | 29.5  | 23.1  |
| 210    |          | 25.3  | 26.8  | 22.3  |
| 230    |          |       | 22.1  | 20.9  |
| 250    |          |       |       | 19.4  |

## Main boom 203ft

| Radius | Jib [ft] |       |       |       |
|--------|----------|-------|-------|-------|
|        | 36       | 46    | 66    | 85    |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] |
| 24.1   | 99.2     |       |       |       |
| 30     | 99.2     | 99.2  |       |       |
| 40     | 99.2     | 99.2  | 76.8  |       |
| 45     | 99.2     | 99.2  | 75.3  | 51.8  |
| 70     | 99.1     | 89.7  | 61.8  | 46.4  |
| 120    | 63.7     | 63.1  | 44.6  | 33.6  |
| 160    | 39.7     | 40.7  | 36.2  | 28.4  |
| 200    | 25.9     | 26.7  | 28.2  | 24.1  |
| 220    | 20.8     | 21.6  | 23.1  | 22.4  |
| 230    |          | 19.4  | 20.9  | 21.8  |
| 245    |          |       | 17.8  | 19.1  |
| 265    |          |       |       | 15.5  |

## Main boom 223ft

| Radius | Jib [ft] |       |       |       |
|--------|----------|-------|-------|-------|
|        | 36       | 46    | 66    | 85    |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] |
| 24.7   | 99.2     |       |       |       |
| 30     | 99.2     | 99.2  |       |       |
| 40     | 99.2     | 99.2  | 76.3  |       |
| 45     | 99.2     | 99.2  | 74.8  | 51.3  |
| 80     | 96.6     | 86.8  | 59.0  | 43.8  |
| 120    | 62.5     | 63.7  | 46.2  | 34.6  |
| 160    | 38.5     | 39.5  | 37.6  | 29.7  |
| 200    | 24.6     | 25.5  | 27.1  | 25.2  |
| 235    | 16.4     | 17.2  | 18.6  | 20.0  |
| 245    |          | 15.2  | 16.7  | 18.0  |
| 265    |          |       | 13.1  | 14.4  |
| 285    |          |       |       | 11.3  |

## Main boom 262ft

| Radius | Jib [ft] |       |       |       |
|--------|----------|-------|-------|-------|
|        | 36       | 46    | 66    | 85    |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] |
| 26.1   | 99.2     |       |       |       |
| 30     | 99.2     | 99.2  |       |       |
| 40     | 99.2     | 99.2  | 74.2  |       |
| 50     | 99.2     | 99.2  | 72.1  | 49.7  |
| 90     | 92.4     | 84.1  | 57.2  | 42.2  |
| 170    | 31.8     | 32.7  | 34.6  | 30.3  |
| 210    | 19.3     | 20.2  | 21.8  | 23.3  |
| 250    | 10.9     | 11.7  | 13.2  | 14.5  |
| 270    | 7.1      | 8.1   | 9.8   | 11.1  |
| 280    |          | 6.2   | 8.1   | 9.6   |
| 300    |          |       | 4.6   | 6.2   |
| 320    |          |       |       | 3.1   |

## Main boom 272ft

| Radius | Jib [ft] |       |
|--------|----------|-------|
|        | 36       | 46    |
| [ft]   | [lbs]    | [lbs] |
| 26.5   | 99.2     |       |
| 35     | 99.2     | 99.2  |
| 40     | 99.2     | 99.2  |
| 80     | 99.2     | 89.2  |
| 120    | 59.4     | 60.6  |
| 160    | 35.2     | 36.2  |
| 200    | 21.3     | 22.1  |
| 220    | 16.3     | 17.1  |
| 240    | 12.1     | 12.9  |
| 260    | 8.2      | 9.1   |
| 280    | 4.4      | 5.3   |
| 285    |          | 4.4   |

TLT 10539958. Above load charts are for reference only.  
For actual lift duty please refer to load chart in operator's cabin or manual.



Load capacities in 1000lbs with fixed jib 30° (No. 1008.xx) |  
273,400lbs rear counterweight and 125,700lbs carbody counterweight

| Main boom 66 ft |          |       |       |       |  |
|-----------------|----------|-------|-------|-------|--|
| Radius          | Jib [ft] |       |       |       |  |
|                 | 36       | 46    | 66    | 85    |  |
| [ft]            | [lbs]    | [lbs] | [lbs] | [lbs] |  |
| 50              | 66.7     |       |       |       |  |
| 55              | 64.6     | 52.4  |       |       |  |
| 65              | 58.5     | 46.9  | 34.5  |       |  |
| 70              | 55.7     | 44.5  | 32.9  | 28.0  |  |
| 80              | 51.0     | 40.7  | 31.3  | 25.3  |  |
| 90              | 47.5     | 37.7  | 28.8  | 23.0  |  |
| 100             | 45.3     | 35.6  | 26.7  | 21.2  |  |
| 110             |          | 34.2  | 25.0  | 19.6  |  |
| 120             |          |       | 23.8  | 18.5  |  |
| 130             |          |       | 23.1  | 17.4  |  |
| 140             |          |       |       | 16.7  |  |
| 150             |          |       |       | 16.3  |  |

| Main boom 95 ft |          |       |       |       |  |
|-----------------|----------|-------|-------|-------|--|
| Radius          | Jib [ft] |       |       |       |  |
|                 | 36       | 46    | 66    | 85    |  |
| [ft]            | [lbs]    | [lbs] | [lbs] | [lbs] |  |
| 45              | 76.4     |       |       |       |  |
| 50              | 72.6     | 58.9  |       |       |  |
| 60              | 65.1     | 53.3  | 37.9  |       |  |
| 65              | 64.3     | 50.6  | 36.1  | 30.3  |  |
| 70              | 62.3     | 48.4  | 34.5  | 28.8  |  |
| 80              | 57.1     | 44.8  | 32.4  | 26.3  |  |
| 90              | 53.3     | 41.6  | 31.1  | 24.4  |  |
| 110             | 47.6     | 37.1  | 27.3  | 21.2  |  |
| 125             | 45.2     | 35.0  | 25.3  | 19.4  |  |
| 135             |          | 34.1  | 24.2  | 18.5  |  |
| 155             |          |       | 23.0  | 16.9  |  |
| 175             |          |       |       | 16.3  |  |

| Main boom 125 ft |          |       |       |       |  |
|------------------|----------|-------|-------|-------|--|
| Radius           | Jib [ft] |       |       |       |  |
|                  | 36       | 46    | 66    | 85    |  |
| [ft]             | [lbs]    | [lbs] | [lbs] | [lbs] |  |
| 35               | 89.3     |       |       |       |  |
| 40               | 84.1     | 64.5  |       |       |  |
| 50               | 76.1     | 61.1  | 42.5  |       |  |
| 65               | 66.8     | 53.8  | 37.5  | 30.5  |  |
| 70               | 64.6     | 51.6  | 35.9  | 29.3  |  |
| 90               | 58.1     | 45.0  | 32.0  | 25.3  |  |
| 110              | 52.0     | 40.3  | 29.3  | 22.4  |  |
| 130              | 47.6     | 36.7  | 26.6  | 20.1  |  |
| 150              | 45.2     | 34.8  | 24.5  | 18.5  |  |
| 160              |          | 34.1  | 23.8  | 17.7  |  |
| 180              |          |       | 23.0  | 16.7  |  |
| 200              |          |       |       | 16.3  |  |

| Main boom 154 ft |          |       |       |       |  |
|------------------|----------|-------|-------|-------|--|
| Radius           | Jib [ft] |       |       |       |  |
|                  | 36       | 46    | 66    | 85    |  |
| [ft]             | [lbs]    | [lbs] | [lbs] | [lbs] |  |
| 35               | 90.5     |       |       |       |  |
| 40               | 86.3     | 66.3  |       |       |  |
| 50               | 79.2     | 62.5  | 41.4  |       |  |
| 65               | 70.8     | 55.7  | 38.1  | 30.8  |  |
| 80               | 64.3     | 50.5  | 34.6  | 27.8  |  |
| 100              | 58.8     | 45.2  | 31.8  | 24.7  |  |
| 140              | 49.2     | 37.8  | 27.0  | 20.2  |  |
| 160              | 43.4     | 35.4  | 25.1  | 18.8  |  |
| 175              | 37.2     | 34.6  | 24.0  | 17.8  |  |
| 185              |          | 34.1  | 23.6  | 17.3  |  |
| 205              |          |       | 23.0  | 16.6  |  |
| 225              |          |       |       | 16.3  |  |

| Main boom 184 ft |          |       |       |       |  |
|------------------|----------|-------|-------|-------|--|
| Radius           | Jib [ft] |       |       |       |  |
|                  | 36       | 46    | 66    | 85    |  |
| [ft]             | [lbs]    | [lbs] | [lbs] | [lbs] |  |
| 32.1             | 93.1     |       |       |       |  |
| 40               | 88.2     | 66.4  |       |       |  |
| 55               | 78.4     | 61.5  | 41.4  |       |  |
| 65               | 72.9     | 57.6  | 38.8  | 31.2  |  |
| 90               | 64.0     | 49.7  | 33.8  | 26.8  |  |
| 130              | 54.4     | 41.4  | 29.6  | 22.0  |  |
| 170              | 37.6     | 36.5  | 25.7  | 19.0  |  |
| 190              | 30.5     | 31.5  | 24.3  | 17.9  |  |
| 205              | 26.0     | 27.0  | 23.7  | 17.2  |  |
| 215              |          | 24.3  | 23.4  | 16.8  |  |
| 230              |          |       | 22.4  | 16.5  |  |
| 250              |          |       |       | 16.3  |  |

| Main boom 203 ft |          |       |       |       |  |
|------------------|----------|-------|-------|-------|--|
| Radius           | Jib [ft] |       |       |       |  |
|                  | 36       | 46    | 66    | 85    |  |
| [ft]             | [lbs]    | [lbs] | [lbs] | [lbs] |  |
| 32.8             | 92.7     |       |       |       |  |
| 40               | 88.7     | 66.4  |       |       |  |
| 55               | 80.0     | 62.3  | 41.7  |       |  |
| 65               | 74.5     | 58.7  | 39.2  | 31.2  |  |
| 100              | 63.6     | 48.6  | 33.2  | 25.8  |  |
| 140              | 51.0     | 41.3  | 29.3  | 21.8  |  |
| 180              | 32.6     | 33.6  | 25.8  | 19.0  |  |
| 200              | 26.3     | 27.2  | 24.5  | 18.0  |  |
| 220              | 21.0     | 21.9  | 23.6  | 17.1  |  |
| 230              |          | 19.6  | 21.4  | 16.8  |  |
| 250              |          |       | 17.1  | 16.5  |  |
| 270              |          |       |       | 14.9  |  |

| Main boom 223 ft |          |       |       |       |  |
|------------------|----------|-------|-------|-------|--|
| Radius           | Jib [ft] |       |       |       |  |
|                  | 36       | 46    | 66    | 85    |  |
| [ft]             | [lbs]    | [lbs] | [lbs] | [lbs] |  |
| 33.4             | 92.3     |       |       |       |  |
| 40               | 89.1     | 65.9  |       |       |  |
| 55               | 80.8     | 62.9  | 41.9  |       |  |
| 65               | 76.0     | 59.7  | 39.6  | 31.0  |  |
| 100              | 64.1     | 49.7  | 33.5  | 26.2  |  |
| 140              | 49.9     | 42.6  | 30.2  | 22.2  |  |
| 180              | 31.5     | 32.6  | 26.5  | 19.4  |  |
| 220              | 20.0     | 20.9  | 22.7  | 17.6  |  |
| 235              | 16.6     | 17.5  | 19.3  | 17.1  |  |
| 245              |          | 15.4  | 17.2  | 16.8  |  |
| 265              |          |       | 13.4  | 15.0  |  |
| 285              |          |       |       | 11.6  |  |

| Main boom 262 ft |          |       |       |       |  |
|------------------|----------|-------|-------|-------|--|
| Radius           | Jib [ft] |       |       |       |  |
|                  | 36       | 46    | 66    | 85    |  |
| [ft]             | [lbs]    | [lbs] | [lbs] | [lbs] |  |
| 34.8             | 90.8     |       |       |       |  |
| 45               | 86.9     | 66.4  |       |       |  |
| 55               | 81.8     | 63.8  | 41.6  |       |  |
| 70               | 75.7     | 59.0  | 38.9  | 30.6  |  |
| 110              | 63.7     | 49.3  | 33.4  | 25.6  |  |
| 150              | 41.9     | 42.6  | 30.4  | 22.1  |  |
| 190              | 25.7     | 26.8  | 27.0  | 19.7  |  |
| 230              | 15.3     | 16.2  | 18.1  | 17.9  |  |
| 270              | 7.4      | 8.5   | 10.4  | 12.0  |  |
| 280              |          | 6.5   | 8.7   | 10.3  |  |
| 300              |          |       | 4.9   | 6.9   |  |
| 320              |          |       |       | 3.4   |  |

| Main boom 272 ft |          |       |  |  |  |
|------------------|----------|-------|--|--|--|
| Radius           | Jib [ft] |       |  |  |  |
|                  | 36       | 46    |  |  |  |
| [ft]             | [lbs]    | [lbs] |  |  |  |
| 35.2             | 90.7     |       |  |  |  |
| 45               | 87.1     | 66.4  |  |  |  |
| 60               | 80.1     | 62.1  |  |  |  |
| 100              | 66.7     | 52.1  |  |  |  |
| 140              | 46.9     | 45.0  |  |  |  |
| 180              | 28.5     | 29.6  |  |  |  |
| 200              | 22.1     | 23.2  |  |  |  |
| 220              | 16.9     | 17.9  |  |  |  |
| 240              | 12.6     | 13.5  |  |  |  |
| 260              | 8.6      | 9.7   |  |  |  |
| 280              | 4.6      | 5.7   |  |  |  |
| 290              |          | 3.8   |  |  |  |

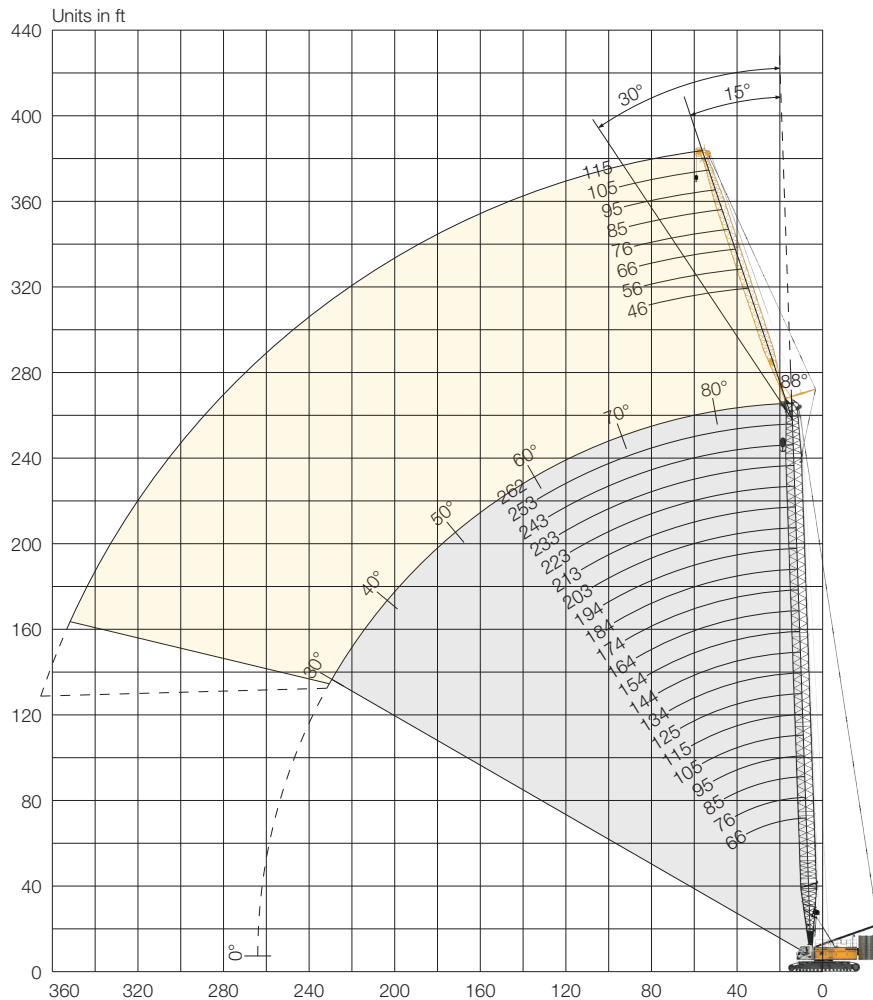
TLT 10539958. Above load charts are for reference only.  
For actual lift duty please refer to load chart in operator's cabin or manual.





## Fixed jib (No. 1713.xx)

Main boom 88-30°, 66-262 ft | Fixed jib 15° and 30°, 46-115 ft



|                  |        |
|------------------|--------|
| Max. combination | 358 ft |
| Main boom        | 243 ft |
| Fixed jib        | 115 ft |

### Jib configuration (No. 1713.xx)

|                 | Length* | Amount of jib sections |    |    |    |    |    |     |     |
|-----------------|---------|------------------------|----|----|----|----|----|-----|-----|
| Jib foot        | 23 ft   | 1                      | 1  | 1  | 1  | 1  | 1  | 1   | 1   |
| Jib section     | 10 ft   |                        | 1  |    | 1  |    | 1  |     | 1   |
| Jib section     | 20 ft   |                        |    | 1  | 1  |    |    | 1   | 1   |
| Jib section     | 40 ft   |                        |    |    |    | 1  | 1  | 1   | 1   |
| Jib head        | 23 ft   | 1                      | 1  | 1  | 1  | 1  | 1  | 1   | 1   |
| Jib length [ft] |         | 46                     | 56 | 66 | 76 | 85 | 95 | 105 | 115 |

\* Actual lengths of boom sections are metric (e.g. 3m, 6m, 7m, 12m).  
The figures shown above are approximate conversions to feet.



Load capacities in 1000lbs with fixed jib 15° (No. 1713.xx) |  
273,400lbs rear counterweight and 125,700lbs carbody counterweight

| Main boom 66ft |          |       |       |       |
|----------------|----------|-------|-------|-------|
| Radius         | Jib [ft] |       |       |       |
|                | 46       | 76    | 95    | 115   |
| [ft]           | [lbs]    | [lbs] | [lbs] | [lbs] |
| 45             | 102.2    |       |       |       |
| 50             | 93.3     | 65.4  | 56.1  |       |
| 55             | 87.6     | 60.7  | 52.2  | 45.3  |
| 60             | 81.6     | 57.5  | 48.1  | 41.8  |
| 70             | 71.1     | 50.0  | 42.3  | 36.6  |
| 80             | 63.4     | 44.5  | 37.3  | 33.2  |
| 90             | 58.0     | 39.9  | 33.7  | 30.0  |
| 100            | 53.5     | 36.5  | 30.7  | 27.7  |
| 110            | 48.9     | 33.4  | 29.2  | 25.0  |
| 140            |          | 28.3  | 23.1  | 19.6  |
| 155            |          |       | 21.1  | 17.7  |
| 175            |          |       |       | 15.7  |

| Main boom 95ft |          |       |       |       |
|----------------|----------|-------|-------|-------|
| Radius         | Jib [ft] |       |       |       |
|                | 46       | 76    | 95    | 115   |
| [ft]           | [lbs]    | [lbs] | [lbs] | [lbs] |
| 35             | 129.5    |       |       |       |
| 45             | 112.0    | 74.3  | 62.4  |       |
| 50             | 104.6    | 69.6  | 58.1  | 49.4  |
| 60             | 90.6     | 60.7  | 51.0  | 43.2  |
| 70             | 82.0     | 54.9  | 45.0  | 38.6  |
| 80             | 73.4     | 49.3  | 40.5  | 34.5  |
| 100            | 61.5     | 40.9  | 33.8  | 29.5  |
| 120            | 54.4     | 35.2  | 29.6  | 25.3  |
| 135            | 49.0     | 32.6  | 27.0  | 22.6  |
| 165            |          | 28.4  | 22.6  | 18.6  |
| 185            |          |       | 20.5  | 16.9  |
| 200            |          |       |       | 15.7  |

| Main boom 125ft |          |       |       |       |
|-----------------|----------|-------|-------|-------|
| Radius          | Jib [ft] |       |       |       |
|                 | 46       | 76    | 95    | 115   |
| [ft]            | [lbs]    | [lbs] | [lbs] | [lbs] |
| 30              | 132.3    |       |       |       |
| 40              | 127.8    | 83.5  |       |       |
| 45              | 120.0    | 78.1  | 64.4  |       |
| 55              | 105.7    | 69.2  | 56.5  | 46.8  |
| 80              | 82.3     | 54.1  | 43.8  | 36.1  |
| 100             | 69.3     | 45.9  | 36.8  | 31.3  |
| 120             | 60.2     | 39.6  | 31.8  | 27.5  |
| 140             | 54.5     | 35.1  | 29.2  | 23.8  |
| 160             | 44.4     | 33.0  | 26.0  | 21.2  |
| 190             |          | 28.9  | 22.6  | 18.0  |
| 210             |          |       | 20.9  | 16.6  |
| 230             |          |       |       | 15.4  |

| Main boom 154ft |          |       |       |       |
|-----------------|----------|-------|-------|-------|
| Radius          | Jib [ft] |       |       |       |
|                 | 46       | 76    | 95    | 115   |
| [ft]            | [lbs]    | [lbs] | [lbs] | [lbs] |
| 26.9            | 132.3    |       |       |       |
| 40              | 127.9    | 83.4  |       |       |
| 45              | 125.5    | 78.6  | 63.2  |       |
| 55              | 111.4    | 70.1  | 57.2  | 47.5  |
| 90              | 82.4     | 52.1  | 41.8  | 34.5  |
| 130             | 59.4     | 39.7  | 31.6  | 27.4  |
| 150             | 47.6     | 35.8  | 29.1  | 24.1  |
| 170             | 38.7     | 32.6  | 26.5  | 21.7  |
| 185             | 33.4     | 31.8  | 24.7  | 20.1  |
| 215             |          | 26.6  | 22.0  | 17.6  |
| 235             |          |       | 20.6  | 16.5  |
| 255             |          |       |       | 15.4  |

| Main boom 184ft |          |       |       |       |
|-----------------|----------|-------|-------|-------|
| Radius          | Jib [ft] |       |       |       |
|                 | 46       | 76    | 95    | 115   |
| [ft]            | [lbs]    | [lbs] | [lbs] | [lbs] |
| 27.9            | 132.3    |       |       |       |
| 40              | 129.7    | 85.1  |       |       |
| 50              | 123.4    | 77.0  | 61.7  |       |
| 55              | 116.8    | 72.9  | 58.9  | 48.0  |
| 90              | 86.9     | 56.1  | 44.0  | 35.7  |
| 130             | 57.5     | 43.4  | 34.3  | 28.6  |
| 170             | 36.8     | 35.7  | 29.0  | 23.1  |
| 190             | 30.0     | 31.8  | 26.5  | 21.2  |
| 210             | 24.4     | 26.1  | 24.4  | 19.4  |
| 240             |          | 19.3  | 20.4  | 17.4  |
| 260             |          |       | 16.6  | 16.2  |
| 280             |          |       |       | 14.2  |

| Main boom 203ft |          |       |       |       |
|-----------------|----------|-------|-------|-------|
| Radius          | Jib [ft] |       |       |       |
|                 | 46       | 76    | 95    | 115   |
| [ft]            | [lbs]    | [lbs] | [lbs] | [lbs] |
| 28.6            | 132.3    |       |       |       |
| 40              | 131.8    | 84.1  |       |       |
| 50              | 123.7    | 77.7  | 62.2  |       |
| 55              | 120.1    | 73.8  | 59.2  | 47.7  |
| 90              | 89.9     | 58.0  | 44.9  | 36.5  |
| 130             | 56.2     | 45.3  | 35.4  | 29.5  |
| 170             | 35.5     | 37.2  | 29.7  | 24.0  |
| 210             | 23.1     | 24.8  | 25.5  | 20.3  |
| 230             | 18.4     | 20.1  | 21.2  | 18.8  |
| 255             |          | 15.2  | 16.3  | 17.1  |
| 275             |          |       | 12.9  | 13.8  |
| 295             |          |       |       | 10.8  |

| Main boom 223ft |          |       |       |       |
|-----------------|----------|-------|-------|-------|
| Radius          | Jib [ft] |       |       |       |
|                 | 46       | 76    | 95    | 115   |
| [ft]            | [lbs]    | [lbs] | [lbs] | [lbs] |
| 29.3            | 132.3    |       |       |       |
| 40              | 132.3    | 83.4  |       |       |
| 50              | 124.6    | 78.0  | 62.5  |       |
| 55              | 121.7    | 74.8  | 59.6  | 47.3  |
| 90              | 92.7     | 58.9  | 45.9  | 37.2  |
| 130             | 55.1     | 47.1  | 36.4  | 30.5  |
| 170             | 34.3     | 36.3  | 30.4  | 25.0  |
| 210             | 21.9     | 23.6  | 24.8  | 21.1  |
| 245             | 14.3     | 15.9  | 17.0  | 17.8  |
| 275             |          | 10.8  | 11.8  | 12.7  |
| 295             |          |       | 8.9   | 9.7   |
| 315             |          |       |       | 7.0   |

| Main boom 243ft |          |       |       |       |
|-----------------|----------|-------|-------|-------|
| Radius          | Jib [ft] |       |       |       |
|                 | 46       | 76    | 95    | 115   |
| [ft]            | [lbs]    | [lbs] | [lbs] | [lbs] |
| 30              | 132.3    |       |       |       |
| 45              | 130.9    | 82.2  |       |       |
| 50              | 125.5    | 78.3  | 61.9  |       |
| 55              | 121.5    | 75.5  | 59.8  | 47.0  |
| 80              | 101.6    | 62.9  | 50.2  | 40.1  |
| 120             | 61.4     | 50.6  | 39.5  | 33.2  |
| 160             | 37.1     | 39.3  | 32.6  | 27.2  |
| 200             | 23.2     | 25.0  | 26.3  | 22.7  |
| 260             | 10.3     | 11.9  | 13.0  | 13.8  |
| 290             |          | 6.8   | 8.2   | 9.2   |
| 310             |          |       | 4.9   | 6.0   |
| 330             |          |       |       | 2.9   |

| Main boom 262ft |          |       |  |
|-----------------|----------|-------|--|
| Radius          | Jib [ft] |       |  |
|                 | 46       | 56    |  |
| [ft]            | [lbs]    | [lbs] |  |
| 30.7            | 132.3    |       |  |
| 35              | 132.3    | 113.3 |  |
| 60              | 118.0    | 95.5  |  |
| 100             | 80.6     | 75.2  |  |
| 140             | 46.1     | 47.0  |  |
| 180             | 28.2     | 28.8  |  |
| 220             | 16.9     | 17.4  |  |
| 240             | 12.6     | 13.2  |  |
| 260             | 8.8      | 9.4   |  |
| 280             | 4.9      | 5.5   |  |
| 285             |          | 4.6   |  |
| 290             |          | 3.7   |  |

TLT 11230834. Above load charts are for reference only.  
For actual lift duty please refer to load chart in operator's cabin or manual.



Load capacities in 1000lbs with fixed jib 30° (No. 1713.xx) |  
273,400lbs rear counterweight and 125,700lbs carbody counterweight

## Main boom 66ft

| Radius | Jib [ft] |       |       |       |
|--------|----------|-------|-------|-------|
|        | 46       | 76    | 95    | 115   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] |
| 50     | 73.0     |       |       |       |
| 60     | 65.2     | 45.1  |       |       |
| 65     | 63.1     | 42.8  | 35.9  |       |
| 75     | 57.4     | 38.9  | 33.2  | 28.2  |
| 80     | 55.3     | 37.1  | 32.1  | 27.6  |
| 90     | 51.5     | 34.3  | 29.4  | 25.2  |
| 100    | 49.1     | 31.9  | 26.9  | 23.0  |
| 110    | 47.5     | 30.7  | 25.0  | 21.3  |
| 120    |          | 29.0  | 23.4  | 19.8  |
| 140    |          | 27.1  | 20.9  | 17.4  |
| 160    |          |       | 19.8  | 15.7  |
| 180    |          |       |       | 14.8  |

## Main boom 95ft

| Radius | Jib [ft] |       |       |       |
|--------|----------|-------|-------|-------|
|        | 46       | 76    | 95    | 115   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] |
| 45     | 80.9     |       |       |       |
| 55     | 73.1     | 48.5  |       |       |
| 65     | 66.9     | 44.3  | 36.3  |       |
| 80     | 60.5     | 39.4  | 33.1  | 28.0  |
| 90     | 56.6     | 36.5  | 30.6  | 25.8  |
| 100    | 53.6     | 34.3  | 28.5  | 23.9  |
| 110    | 51.0     | 32.3  | 26.6  | 22.4  |
| 120    | 49.2     | 31.3  | 25.1  | 20.9  |
| 135    | 47.6     | 29.3  | 23.1  | 19.2  |
| 165    |          | 27.1  | 20.4  | 16.6  |
| 185    |          |       | 19.8  | 15.4  |
| 205    |          |       |       | 14.9  |

## Main boom 125ft

| Radius | Jib [ft] |       |       |       |
|--------|----------|-------|-------|-------|
|        | 46       | 76    | 95    | 115   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] |
| 40     | 86.9     |       |       |       |
| 55     | 76.1     | 49.9  |       |       |
| 70     | 68.1     | 44.5  | 35.6  |       |
| 80     | 63.7     | 41.3  | 33.4  | 28.2  |
| 100    | 57.5     | 36.6  | 30.1  | 24.6  |
| 120    | 52.6     | 33.1  | 26.8  | 21.8  |
| 140    | 49.3     | 31.2  | 24.3  | 19.7  |
| 150    | 48.5     | 30.0  | 23.3  | 18.7  |
| 160    | 44.6     | 29.0  | 22.5  | 17.9  |
| 190    |          | 27.5  | 20.5  | 16.0  |
| 210    |          |       | 20.1  | 15.2  |
| 230    |          |       |       | 14.8  |

## Main boom 154ft

| Radius | Jib [ft] |       |       |       |
|--------|----------|-------|-------|-------|
|        | 46       | 76    | 95    | 115   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] |
| 40     | 87.6     |       |       |       |
| 55     | 78.4     | 49.1  |       |       |
| 70     | 70.9     | 44.5  | 35.4  |       |
| 80     | 66.7     | 41.8  | 33.2  | 28.3  |
| 100    | 61.0     | 37.5  | 30.5  | 25.1  |
| 120    | 55.7     | 34.3  | 27.5  | 22.5  |
| 140    | 51.9     | 31.7  | 25.2  | 20.4  |
| 160    | 43.5     | 30.1  | 23.2  | 18.8  |
| 185    | 33.5     | 28.1  | 21.5  | 17.1  |
| 215    |          | 26.9  | 20.2  | 15.7  |
| 235    |          |       | 19.8  | 15.1  |
| 255    |          |       |       | 14.9  |

## Main boom 184ft

| Radius | Jib [ft] |       |       |       |
|--------|----------|-------|-------|-------|
|        | 46       | 76    | 95    | 115   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] |
| 40     | 87.8     |       |       |       |
| 60     | 77.6     | 48.7  |       |       |
| 70     | 72.8     | 45.9  | 36.2  |       |
| 80     | 69.5     | 43.6  | 34.2  | 27.6  |
| 100    | 63.0     | 39.6  | 31.7  | 25.4  |
| 120    | 58.5     | 36.1  | 28.9  | 23.0  |
| 140    | 52.4     | 33.5  | 26.5  | 21.1  |
| 180    | 33.8     | 30.3  | 23.1  | 18.1  |
| 215    | 23.3     | 25.6  | 21.1  | 16.4  |
| 240    |          | 19.6  | 20.3  | 15.5  |
| 260    |          |       | 16.9  | 15.0  |
| 280    |          |       |       | 14.5  |

## Main boom 203ft

| Radius | Jib [ft] |       |       |       |
|--------|----------|-------|-------|-------|
|        | 46       | 76    | 95    | 115   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] |
| 40     | 87.5     |       |       |       |
| 60     | 78.2     | 49.0  |       |       |
| 70     | 74.0     | 46.3  | 36.3  |       |
| 80     | 70.4     | 44.1  | 34.4  | 27.5  |
| 100    | 64.2     | 40.1  | 32.2  | 25.6  |
| 140    | 51.2     | 34.4  | 27.1  | 21.6  |
| 180    | 32.8     | 31.1  | 23.7  | 18.6  |
| 220    | 21.0     | 23.2  | 21.5  | 16.6  |
| 230    | 18.6     | 20.8  | 21.0  | 16.3  |
| 260    |          | 14.5  | 16.0  | 15.3  |
| 280    |          |       | 12.4  | 13.6  |
| 300    |          |       |       | 10.4  |

## Main boom 223ft

| Radius | Jib [ft] |       |       |       |
|--------|----------|-------|-------|-------|
|        | 46       | 76    | 95    | 115   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] |
| 45     | 86.1     |       |       |       |
| 60     | 78.8     | 49.1  |       |       |
| 70     | 75.2     | 46.7  | 36.1  |       |
| 85     | 70.0     | 43.6  | 33.7  | 27.9  |
| 100    | 65.7     | 40.6  | 32.6  | 25.8  |
| 140    | 50.2     | 35.1  | 27.6  | 22.0  |
| 180    | 31.7     | 31.5  | 24.3  | 19.1  |
| 220    | 20.0     | 22.2  | 21.8  | 17.0  |
| 245    | 14.5     | 16.6  | 18.0  | 16.1  |
| 275    |          | 11.0  | 12.4  | 13.6  |
| 295    |          |       | 9.2   | 10.4  |
| 315    |          |       |       | 7.4   |

## Main boom 243ft

| Radius | Jib [ft] |       |       |       |
|--------|----------|-------|-------|-------|
|        | 46       | 76    | 95    | 115   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] |
| 45     | 86.4     |       |       |       |
| 60     | 79.3     | 48.7  |       |       |
| 70     | 76.1     | 46.8  | 35.8  |       |
| 85     | 70.7     | 43.7  | 33.9  | 27.7  |
| 100    | 66.8     | 40.9  | 32.6  | 26.0  |
| 140    | 49.0     | 35.5  | 28.1  | 22.2  |
| 180    | 30.5     | 31.7  | 24.8  | 19.5  |
| 220    | 18.7     | 21.0  | 22.3  | 17.4  |
| 265    | 9.7      | 11.7  | 13.1  | 14.3  |
| 295    |          | 6.2   | 8.1   | 9.4   |
| 315    |          |       | 4.4   | 6.0   |
| 335    |          |       |       | 2.5   |

## Main boom 262ft

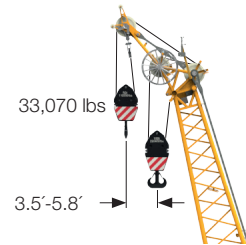
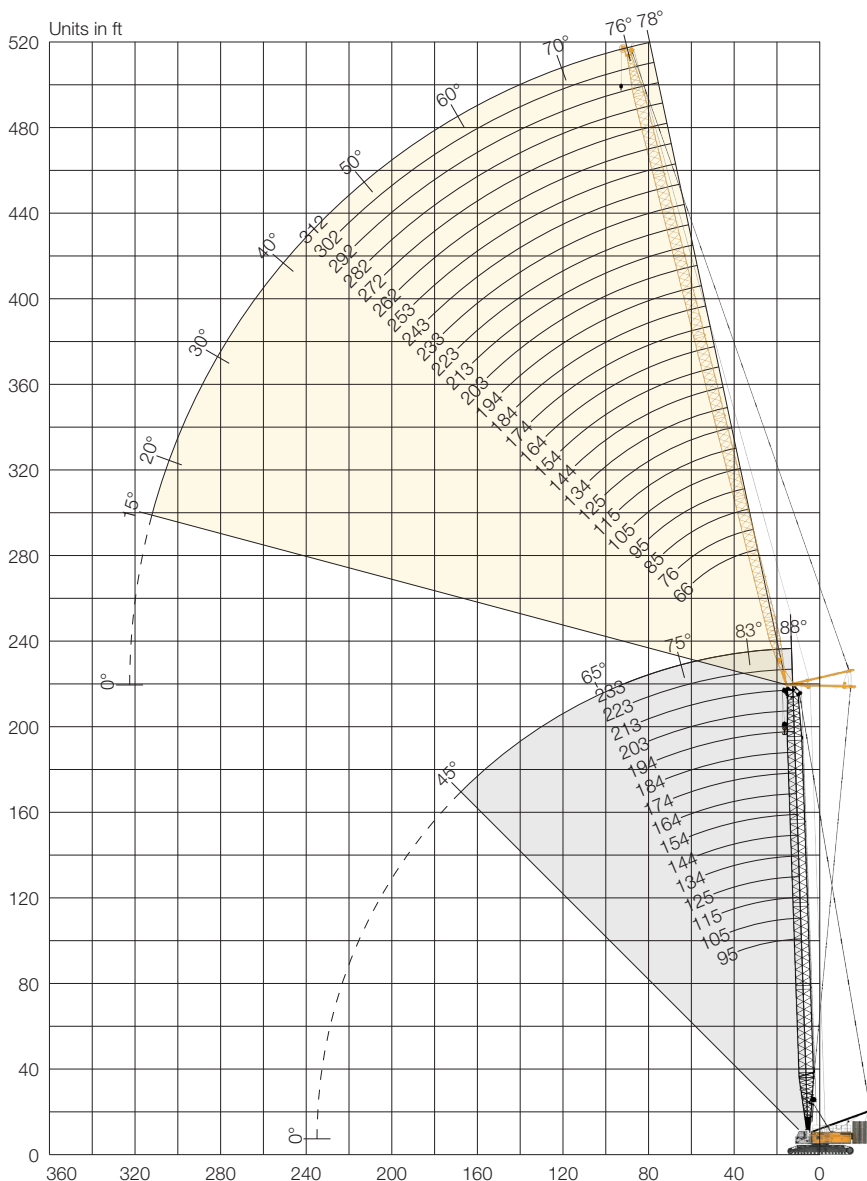
| Radius | Jib [ft] |       |
|--------|----------|-------|
|        | 46       | 56    |
| [ft]   | [lbs]    | [lbs] |
| 45     | 85.8     |       |
| 50     | 83.9     | 67.5  |
| 60     | 79.8     | 65.6  |
| 80     | 72.8     | 60.3  |
| 100    | 67.6     | 55.5  |
| 120    | 62.5     | 51.7  |
| 140    | 48.0     | 48.7  |
| 180    | 29.4     | 30.3  |
| 220    | 17.6     | 18.3  |
| 260    | 9.3      | 10.1  |
| 280    | 5.2      | 5.9   |
| 290    |          | 4.0   |

TLT 11230834. Above load charts are for reference only.  
For actual lift duty please refer to load chart in operator's cabin or manual.



## Luffing jib (No. 1916.xx)

Main boom 88-45°, 95-233 ft | Luffing jib 78-15°, 66-312 ft



**Auxiliary jib 33,070 lbs** (option)  
The maximum capacity of the auxiliary jib is 33,070 lbs .  
The corresponding load chart is programmed in the LML system.

|                  |        |
|------------------|--------|
| Max. combination | 525 ft |
| Main boom        | 213 ft |
| Luffing jib      | 312 ft |
| Max. combination | 377 ft |
| Main boom        | 233 ft |
| Luffing jib      | 144 ft |

### Jib configuration (No. 1916.xx)

|                          | Length* | Amount of jib sections |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|--------------------------|---------|------------------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Jib foot                 | 23 ft   | 1                      | 1  | 1  | 1  | 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   |     | 1   |     | 1   |     |     |
| Jib section              | 20 ft   | 1                      | 1  |    |    | 1   | 1   |     |     | 1   | 1   |     |     | 1   | 1   |     |     | 1   | 1   |     |     | 1   | 1   |     | 1   |     |     |
| Jib section              | 40 ft   |                        |    | 1  | 1  | 1   | 1   | 2   | 2   | 2   | 3   | 3   | 3   | 4   | 4   | 4   | 4   | 5   | 5   | 5   | 6   | 6   | 6   | 6   | 6   |     |     |
| Jib head                 | 23 ft   | 1                      | 1  | 1  | 1  | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |     |     |
| Jib length [ft]          |         | 66                     | 76 | 85 | 95 | 105 | 115 | 125 | 134 | 144 | 154 | 164 | 174 | 184 | 194 | 203 | 213 | 223 | 233 | 243 | 253 | 262 | 272 | 282 | 292 | 302 | 312 |
| Auxiliary jib applicable |         | ✓                      | ✓  | ✓  | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |     |

\* Actual lengths of boom sections are metric (e.g. 3 m, 6 m, 7 m, 12 m). The figures shown above are approximate conversions to feet.



Load capacities in 1000lbs with luffing jib (No. 1916.xx) |  
273,400lbs rear counterweight and 125,700lbs carbody counterweight

## Main boom 95ft | 88°

| Radius<br>[ft] | Jib [ft]    |             |              |              |              |              |              |              |
|----------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                | 66<br>[lbs] | 95<br>[lbs] | 115<br>[lbs] | 154<br>[lbs] | 194<br>[lbs] | 233<br>[lbs] | 272<br>[lbs] | 312<br>[lbs] |
| 37.6           |             |             | 132.3        |              |              |              |              |              |
| 45             |             | 142.0       | 124.5        |              |              |              |              |              |
| 50             |             | 133.3       | 117.4        | 87.9         |              |              |              |              |
| 55             | 150.3       | 125.2       | 112.1        | 84.4         | 61.0         |              |              |              |
| 65             | 114.8       | 110.9       | 100.5        | 78.4         | 58.3         | 42.5         |              |              |
| 75             | 79.7        | 98.6        | 89.5         | 72.9         | 55.5         | 40.6         | 28.7         |              |
| 80             |             | 90.2        | 84.3         | 70.4         | 54.5         | 39.8         | 27.9         | 18.9         |
| 100            |             | 61.7        | 66.4         | 59.9         | 50.3         | 36.8         | 25.3         | 17.3         |
| 105            |             | 33.4        | 62.6         | 57.5         | 49.6         | 36.0         | 24.7         | 16.8         |
| 120            |             |             | 47.6         | 50.1         | 46.7         | 34.2         | 23.2         | 15.6         |
| 160            |             |             |              | 31.1         | 35.8         | 30.0         | 20.0         | 13.1         |
| 200            |             |             |              |              | 22.5         | 24.7         | 17.8         | 11.1         |
| 235            |             |             |              |              |              | 16.6         | 16.4         | 9.5          |
| 275            |             |             |              |              |              |              | 10.4         | 7.9          |
| 310            |             |             |              |              |              |              |              | 5.8          |

## Main boom 134ft | 88°

| Radius<br>[ft] | Jib [ft]    |             |              |              |              |              |              |              |
|----------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                | 66<br>[lbs] | 95<br>[lbs] | 115<br>[lbs] | 154<br>[lbs] | 194<br>[lbs] | 233<br>[lbs] | 272<br>[lbs] | 312<br>[lbs] |
| 28.7           | 195.4       |             |              |              |              |              |              |              |
| 35             | 190.6       | 154.4       |              |              |              |              |              |              |
| 40             | 182.6       | 149.3       | 126.1        |              |              |              |              |              |
| 50             | 162.7       | 133.8       | 115.4        | 85.3         |              |              |              |              |
| 60             | 137.0       | 119.3       | 105.0        | 79.9         | 58.3         |              |              |              |
| 65             | 120.9       | 112.0       | 99.9         | 77.1         | 56.9         | 41.1         |              |              |
| 75             | 88.2        | 100.8       | 90.2         | 72.2         | 54.3         | 39.7         | 28.0         |              |
| 85             |             | 85.9        | 80.8         | 67.8         | 52.2         | 38.1         | 26.7         | 17.9         |
| 105            |             | 57.4        | 64.4         | 58.1         | 48.4         | 35.4         | 24.3         | 16.1         |
| 125            |             |             | 33.4         | 48.7         | 45.3         | 33.1         | 22.3         | 14.7         |
| 160            |             |             |              | 32.7         | 36.6         | 29.6         | 19.7         | 12.6         |
| 200            |             |             |              |              | 24.0         | 25.3         | 17.5         | 10.7         |
| 235            |             |             |              |              |              | 17.5         | 16.2         | 9.2          |
| 275            |             |             |              |              |              |              | 11.1         | 7.7          |
| 315            |             |             |              |              |              |              |              | 5.4          |

## Main boom 174ft | 88°

| Radius<br>[ft] | Jib [ft]    |             |              |              |              |              |              |              |
|----------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                | 66<br>[lbs] | 95<br>[lbs] | 115<br>[lbs] | 154<br>[lbs] | 194<br>[lbs] | 233<br>[lbs] | 272<br>[lbs] | 312<br>[lbs] |
| 30.1           | 194.1       |             |              |              |              |              |              |              |
| 40             | 178.6       | 142.4       |              |              |              |              |              |              |
| 45             | 169.3       | 137.3       | 116.5        |              |              |              |              |              |
| 50             | 160.7       | 131.7       | 112.1        | 81.3         |              |              |              |              |
| 60             | 141.4       | 118.8       | 103.3        | 77.8         | 54.8         |              |              |              |
| 70             | 113.2       | 106.1       | 95.2         | 72.9         | 52.4         | 38.7         |              |              |
| 75             | 94.7        | 100.9       | 90.5         | 70.8         | 51.2         | 37.9         | 27.0         |              |
| 85             |             | 87.8        | 81.2         | 66.5         | 49.4         | 36.4         | 26.0         | 17.4         |
| 105            |             | 60.6        | 65.7         | 58.1         | 45.7         | 33.9         | 23.8         | 15.8         |
| 125            |             |             | 47.2         | 49.5         | 43.0         | 31.8         | 22.0         | 14.4         |
| 165            |             |             |              | 30.9         | 35.2         | 28.3         | 19.1         | 12.1         |
| 200            |             |             |              |              | 24.7         | 25.5         | 17.4         | 10.5         |
| 240            |             |             |              |              |              | 16.7         | 15.9         | 8.9          |
| 275            |             |             |              |              |              |              | 11.5         | 7.7          |
| 315            |             |             |              |              |              |              |              | 6.3          |

## Main boom 194ft | 88°

| Radius<br>[ft] | Jib [ft]    |             |              |              |              |              |              |              |
|----------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                | 66<br>[lbs] | 95<br>[lbs] | 115<br>[lbs] | 154<br>[lbs] | 194<br>[lbs] | 233<br>[lbs] | 272<br>[lbs] | 312<br>[lbs] |
| 30.8           | 183.0       |             |              |              |              |              |              |              |
| 40             | 167.9       | 137.7       |              |              |              |              |              |              |
| 45             | 159.3       | 133.6       | 113.6        |              |              |              |              |              |
| 50             | 152.6       | 128.7       | 109.7        | 78.8         |              |              |              |              |
| 60             | 138.9       | 117.2       | 101.3        | 75.9         | 54.1         |              |              |              |
| 70             | 114.4       | 105.7       | 93.8         | 71.6         | 51.9         | 36.6         |              |              |
| 75             | 97.7        | 100.6       | 89.9         | 69.7         | 50.7         | 35.9         | 25.7         |              |
| 85             |             | 88.5        | 80.8         | 65.5         | 48.7         | 34.8         | 25.0         | 17.5         |
| 105            |             | 61.9        | 66.0         | 57.8         | 45.4         | 32.6         | 23.1         | 16.1         |
| 125            |             |             | 48.1         | 49.8         | 42.5         | 30.6         | 21.3         | 14.6         |
| 165            |             |             |              | 30.6         | 35.1         | 27.3         | 18.6         | 12.3         |
| 200            |             |             |              |              | 24.8         | 24.7         | 16.9         | 10.7         |
| 240            |             |             |              |              |              | 17.1         | 15.5         | 9.1          |
| 275            |             |             |              |              |              |              | 11.7         | 7.9          |
| 315            |             |             |              |              |              |              |              | 6.5          |

## Main boom 213ft | 88°

| Radius<br>[ft] | Jib [ft]    |             |              |              |              |              |              |              |
|----------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                | 66<br>[lbs] | 95<br>[lbs] | 115<br>[lbs] | 154<br>[lbs] | 194<br>[lbs] | 233<br>[lbs] | 272<br>[lbs] | 312<br>[lbs] |
| 31.5           | 169.1       |             |              |              |              |              |              |              |
| 40             | 159.3       | 130.8       |              |              |              |              |              |              |
| 45             | 151.1       | 128.6       | 108.4        |              |              |              |              |              |
| 50             | 144.9       | 124.1       | 105.8        | 75.9         |              |              |              |              |
| 60             | 133.4       | 114.3       | 98.8         | 73.7         | 52.6         |              |              |              |
| 70             | 114.9       | 104.2       | 91.5         | 69.6         | 50.8         | 35.9         |              |              |
| 75             | 100.5       | 99.4        | 88.4         | 68.0         | 49.8         | 35.4         | 25.9         |              |
| 85             |             | 88.8        | 80.4         | 64.2         | 47.8         | 34.4         | 25.3         | 16.2         |
| 105            |             | 63.4        | 66.2         | 57.3         | 44.6         | 32.5         | 23.1         | 15.4         |
| 125            |             |             | 49.1         | 49.9         | 41.1         | 30.3         | 21.4         | 14.0         |
| 165            |             |             |              | 32.4         | 34.4         | 26.8         | 18.7         | 11.9         |
| 200            |             |             |              |              | 24.4         | 23.9         | 17.0         | 10.3         |
| 240            |             |             |              |              |              | 17.2         | 15.6         | 8.7          |
| 280            |             |             |              |              |              |              | 11.2         | 7.4          |
| 315            |             |             |              |              |              |              |              | 6.2          |

## Main boom 233ft | 88°

| Radius<br>[ft] | Jib [ft]     |              |              |              |              |
|----------------|--------------|--------------|--------------|--------------|--------------|
|                | 105<br>[lbs] | 115<br>[lbs] | 125<br>[lbs] | 135<br>[lbs] | 144<br>[lbs] |
| 40.3           | 114.4        |              |              |              |              |
| 45             | 113.8        | 104.3        | 96.1         |              |              |
| 50             | 111.1        | 102.2        | 95.0         | 86.7         | 80.8         |
| 60             | 104.5        | 96.9         | 89.6         | 81.6         | 76.8         |
| 70             | 97.4         | 89.7         | 83.7         | 76.7         | 72.4         |
| 80             | 88.4         | 82.8         | 78.6         | 71.6         | 67.3         |
| 85             | 85.1         | 79.3         | 74.9         | 69.5         | 65.2         |
| 95             | 76.7         | 73.2         | 69.0         | 63.3         | 60.1         |
| 100            | 72.9         | 69.5         | 66.6         | 60.8         | 57.3         |
| 110            | 63.4         | 63.2         | 60.4         | 56.1         | 52.9         |
| 115            | 56.8         | 59.8         | 57.8         | 53.5         | 50.6         |
| 125            |              | 49.8         | 52.1         | 48.9         | 46.1         |
| 135            |              |              | 44.4         | 44.5         | 42.3         |
| 145            |              |              |              | 39.5         | 39.0         |
| 155            |              |              |              |              | 35.7         |

TLT 10539958. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual.



Load capacities in 1000lbs with luffing jib (No. 1916.xx) |  
273,400lbs rear counterweight and 125,700lbs carbody counterweight

## Main boom 95ft | 83°

| Radius | Jib [ft] |       |       |       |       |       |       |       |
|--------|----------|-------|-------|-------|-------|-------|-------|-------|
|        | 66       | 95    | 115   | 154   | 194   | 233   | 272   | 312   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] |
| 41.3   | 194.5    |       |       |       |       |       |       |       |
| 50     | 180.1    | 147.5 |       |       |       |       |       |       |
| 60     | 157.8    | 132.0 | 116.9 |       |       |       |       |       |
| 70     | 127.9    | 117.3 | 104.8 | 80.7  |       |       |       |       |
| 80     | 97.2     | 104.4 | 94.4  | 75.6  | 56.2  |       |       |       |
| 85     | 33.4     | 97.1  | 88.7  | 72.5  | 55.5  |       |       |       |
| 95     |          | 83.4  | 79.9  | 68.1  | 53.1  | 38.8  |       |       |
| 105    |          | 69.9  | 70.6  | 62.3  | 50.9  | 37.2  | 25.7  |       |
| 110    |          | 61.7  | 66.7  | 59.8  | 50.1  | 36.6  | 25.1  |       |
| 130    |          |       | 47.9  | 50.1  | 46.6  | 34.0  | 23.0  | 15.4  |
| 170    |          |       |       | 30.8  | 36.2  | 29.9  | 19.8  | 13.0  |
| 205    |          |       |       |       | 24.9  | 26.1  | 17.9  | 11.2  |
| 245    |          |       |       |       |       | 17.0  | 16.2  | 9.5   |
| 280    |          |       |       |       |       |       | 11.6  | 8.2   |
| 320    |          |       |       |       |       |       |       | 6.2   |

## Main boom 134ft | 83°

| Radius | Jib [ft] |       |       |       |       |       |       |       |
|--------|----------|-------|-------|-------|-------|-------|-------|-------|
|        | 66       | 95    | 115   | 154   | 194   | 233   | 272   | 312   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] |
| 46.1   | 190.7    |       |       |       |       |       |       |       |
| 55     | 178.7    | 143.4 |       |       |       |       |       |       |
| 65     | 156.9    | 129.6 | 113.4 |       |       |       |       |       |
| 75     | 129.1    | 115.9 | 102.7 | 78.6  |       |       |       |       |
| 85     | 99.4     | 103.4 | 93.3  | 73.8  | 54.5  |       |       |       |
| 90     | 33.4     | 96.8  | 87.9  | 71.2  | 53.8  |       |       |       |
| 100    |          | 84.2  | 79.6  | 67.1  | 51.8  | 37.6  |       |       |
| 110    |          | 71.0  | 70.8  | 61.8  | 49.7  | 36.2  | 24.9  |       |
| 115    |          | 62.8  | 67.1  | 59.4  | 48.9  | 35.7  | 24.6  |       |
| 135    |          |       | 48.8  | 50.1  | 45.8  | 33.2  | 22.5  | 15.0  |
| 175    |          |       |       | 31.4  | 36.2  | 29.6  | 19.4  | 12.7  |
| 210    |          |       |       |       | 25.5  | 25.9  | 17.7  | 11.0  |
| 250    |          |       |       |       |       | 17.6  | 16.0  | 9.4   |
| 285    |          |       |       |       |       |       | 12.0  | 8.2   |
| 325    |          |       |       |       |       |       |       | 6.5   |

## Main boom 174ft | 83°

| Radius | Jib [ft] |       |       |       |       |       |       |       |
|--------|----------|-------|-------|-------|-------|-------|-------|-------|
|        | 66       | 95    | 115   | 154   | 194   | 233   | 272   | 312   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] |
| 50.9   | 186.0    |       |       |       |       |       |       |       |
| 60     | 171.7    | 137.6 |       |       |       |       |       |       |
| 70     | 148.5    | 126.5 | 108.8 |       |       |       |       |       |
| 80     | 126.0    | 114.3 | 100.1 | 75.5  |       |       |       |       |
| 90     | 99.6     | 102.5 | 92.0  | 71.4  | 52.4  |       |       |       |
| 100    |          | 89.4  | 82.4  | 67.1  | 50.7  | 36.5  |       |       |
| 115    |          | 71.2  | 70.5  | 60.9  | 47.9  | 35.0  | 24.2  |       |
| 120    |          | 63.2  | 66.9  | 58.8  | 47.2  | 34.5  | 23.8  |       |
| 125    |          |       | 63.8  | 57.0  | 46.6  | 33.8  | 23.3  | 15.6  |
| 140    |          |       | 49.3  | 50.1  | 44.3  | 32.2  | 22.0  | 14.6  |
| 180    |          |       |       | 31.7  | 35.8  | 28.7  | 19.1  | 12.4  |
| 215    |          |       |       |       | 25.7  | 25.7  | 17.4  | 10.8  |
| 255    |          |       |       |       |       | 17.7  | 15.9  | 9.2   |
| 290    |          |       |       |       |       |       | 12.1  | 8.0   |
| 330    |          |       |       |       |       |       |       | 6.5   |

## Main boom 194ft | 83°

| Radius | Jib [ft] |       |       |       |       |       |       |       |
|--------|----------|-------|-------|-------|-------|-------|-------|-------|
|        | 66       | 95    | 115   | 154   | 194   | 233   | 272   | 312   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] |
| 53.3   | 178.5    |       |       |       |       |       |       |       |
| 65     | 155.7    | 131.9 |       |       |       |       |       |       |
| 70     | 145.7    | 127.1 | 107.3 |       |       |       |       |       |
| 80     | 124.9    | 116.1 | 100.1 | 73.6  |       |       |       |       |
| 95     | 90.6     | 99.2  | 88.0  | 68.7  | 51.2  |       |       |       |
| 105    |          | 86.0  | 79.8  | 64.9  | 49.4  | 35.5  |       |       |
| 115    |          | 75.1  | 71.9  | 61.1  | 47.6  | 34.5  | 23.7  |       |
| 125    |          | 33.4  | 64.9  | 57.4  | 46.2  | 33.4  | 23.1  |       |
| 130    |          |       | 61.3  | 55.9  | 45.6  | 32.8  | 22.6  | 15.3  |
| 140    |          |       | 51.7  | 51.2  | 44.1  | 31.8  | 21.8  | 14.6  |
| 180    |          |       |       | 33.9  | 36.2  | 28.6  | 19.0  | 12.3  |
| 220    |          |       |       |       | 24.8  | 25.2  | 17.1  | 10.6  |
| 255    |          |       |       |       |       | 18.1  | 15.7  | 9.3   |
| 295    |          |       |       |       |       |       | 11.9  | 7.9   |
| 330    |          |       |       |       |       |       |       | 6.6   |

## Main boom 213ft | 83°

| Radius | Jib [ft] |       |       |       |       |       |       |       |
|--------|----------|-------|-------|-------|-------|-------|-------|-------|
|        | 66       | 95    | 115   | 154   | 194   | 233   | 272   | 312   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] |
| 55.7   | 167.0    |       |       |       |       |       |       |       |
| 65     | 149.8    | 126.4 |       |       |       |       |       |       |
| 75     | 132.0    | 119.3 | 102.3 |       |       |       |       |       |
| 85     | 114.8    | 109.5 | 95.3  | 71.4  |       |       |       |       |
| 95     | 96.8     | 98.6  | 88.6  | 68.0  | 49.5  |       |       |       |
| 105    |          | 87.9  | 80.4  | 64.3  | 48.2  | 34.0  |       |       |
| 120    |          | 71.1  | 69.5  | 59.2  | 45.8  | 32.9  | 22.6  |       |
| 125    |          | 63.1  | 66.1  | 57.5  | 45.1  | 32.4  | 22.4  |       |
| 130    |          |       | 63.2  | 56.0  | 44.6  | 31.8  | 22.0  | 15.0  |
| 145    |          |       | 49.2  | 49.6  | 42.4  | 30.4  | 20.8  | 14.1  |
| 185    |          |       |       | 31.3  | 35.2  | 27.3  | 18.2  | 12.1  |
| 220    |          |       |       |       | 25.2  | 24.9  | 16.7  | 10.5  |
| 260    |          |       |       |       |       | 17.6  | 15.3  | 9.0   |
| 295    |          |       |       |       |       |       | 12.1  | 7.8   |
| 335    |          |       |       |       |       |       |       | 6.4   |

## Main boom 233ft | 83°

| Radius | Jib [ft] |       |       |       |       |
|--------|----------|-------|-------|-------|-------|
|        | 105      | 115   | 125   | 135   | 144   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] |
| 69.6   | 109.8    |       |       |       |       |
| 75     | 108.3    | 99.1  |       |       |       |
| 80     | 105.1    | 96.9  | 90.2  | 81.7  |       |
| 85     | 101.1    | 93.8  | 87.5  | 80.3  | 74.9  |
| 90     | 98.3     | 90.6  | 84.7  | 77.7  | 72.9  |
| 95     | 93.7     | 88.3  | 82.1  | 75.1  | 70.7  |
| 100    | 89.7     | 84.1  | 80.1  | 72.8  | 68.1  |
| 110    | 82.3     | 77.5  | 72.9  | 67.5  | 64.1  |
| 120    | 74.3     | 70.5  | 67.5  | 61.8  | 58.1  |
| 130    | 65.1     | 64.2  | 61.3  | 56.8  | 53.6  |
| 140    | 33.4     | 56.2  | 56.4  | 51.8  | 48.9  |
| 145    |          | 51.6  | 53.2  | 49.7  | 46.7  |
| 155    |          |       | 46.0  | 45.4  | 43.0  |
| 165    |          |       |       | 40.6  | 39.7  |
| 175    |          |       |       |       | 36.4  |

TLT 10539958. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual.





Load capacities in 1000lbs with luffing jib (No. 1916.xx) |  
273,400lbs rear counterweight and 125,700lbs carbody counterweight

## Main boom 95 ft | 75°

| Radius | Jib [ft] |       |       |       |       |       |       |       |
|--------|----------|-------|-------|-------|-------|-------|-------|-------|
|        | 66       | 95    | 115   | 154   | 194   | 233   | 272   | 312   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] |
| 63     | 167.5    |       |       |       |       |       |       |       |
| 80     | 124.7    | 123.2 |       |       |       |       |       |       |
| 85     | 115.9    | 115.2 | 103.6 |       |       |       |       |       |
| 95     | 97.0     | 100.8 | 94.0  |       |       |       |       |       |
| 105    |          | 88.7  | 83.7  | 69.7  |       |       |       |       |
| 120    |          | 70.1  | 70.4  | 62.2  | 50.3  |       |       |       |
| 125    |          | 62.5  | 66.5  | 59.4  | 49.4  |       |       |       |
| 145    |          |       | 49.3  | 49.6  | 46.0  | 33.4  |       |       |
| 155    |          |       |       | 45.1  | 44.6  | 32.4  | 21.8  |       |
| 170    |          |       |       | 39.1  | 40.4  | 30.8  | 20.6  | 13.5  |
| 180    |          |       |       | 34.8  | 37.4  | 30.0  | 20.0  | 13.0  |
| 220    |          |       |       |       | 26.0  | 26.1  | 17.8  | 11.1  |
| 260    |          |       |       |       |       | 18.1  | 16.0  | 9.5   |
| 295    |          |       |       |       |       |       | 12.6  | 8.2   |
| 335    |          |       |       |       |       |       |       | 5.8   |

## Main boom 134 ft | 75°

| Radius | Jib [ft] |       |       |       |       |       |       |       |
|--------|----------|-------|-------|-------|-------|-------|-------|-------|
|        | 66       | 95    | 115   | 154   | 194   | 233   | 272   | 312   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] |
| 75     | 130.3    |       |       |       |       |       |       |       |
| 90     | 104.5    | 103.6 |       |       |       |       |       |       |
| 95     | 97.9     | 97.1  | 96.5  |       |       |       |       |       |
| 105    | 86.7     | 86.2  | 85.6  |       |       |       |       |       |
| 115    |          | 77.3  | 76.7  | 68.5  |       |       |       |       |
| 130    |          | 66.7  | 66.3  | 61.8  | 48.8  |       |       |       |
| 135    |          | 63.7  | 63.4  | 59.2  | 48.3  |       |       |       |
| 145    |          |       | 58.1  | 55.4  | 46.8  | 33.2  |       |       |
| 155    |          |       | 50.6  | 49.9  | 45.4  | 32.5  |       |       |
| 180    |          |       |       | 39.6  | 40.3  | 30.3  | 20.1  | 13.1  |
| 190    |          |       |       | 35.6  | 37.4  | 29.5  | 19.5  | 12.6  |
| 230    |          |       |       |       | 26.7  | 26.1  | 17.5  | 10.8  |
| 270    |          |       |       |       |       | 18.7  | 15.9  | 9.3   |
| 305    |          |       |       |       |       |       | 13.0  | 8.2   |
| 345    |          |       |       |       |       |       |       | 5.9   |

## Main boom 174 ft | 75°

| Radius | Jib [ft] |       |       |       |       |       |       |       |
|--------|----------|-------|-------|-------|-------|-------|-------|-------|
|        | 66       | 95    | 115   | 154   | 194   | 233   | 272   | 312   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] |
| 85     | 106.9    |       |       |       |       |       |       |       |
| 100    | 88.0     | 87.0  |       |       |       |       |       |       |
| 105    | 83.0     | 82.1  | 81.4  |       |       |       |       |       |
| 115    | 74.3     | 73.7  | 73.0  |       |       |       |       |       |
| 125    |          | 66.7  | 66.1  | 64.8  |       |       |       |       |
| 140    |          | 58.2  | 57.7  | 56.5  | 47.3  |       |       |       |
| 145    |          | 55.7  | 55.3  | 54.2  | 46.9  |       |       |       |
| 155    |          |       | 51.0  | 49.9  | 45.6  | 32.1  |       |       |
| 165    |          |       | 47.2  | 46.2  | 44.4  | 31.5  |       |       |
| 190    |          |       |       | 38.8  | 37.7  | 29.5  | 19.6  | 12.6  |
| 200    |          |       |       | 35.9  | 35.3  | 28.8  | 19.1  | 12.3  |
| 240    |          |       |       |       | 27.0  | 25.8  | 17.1  | 10.6  |
| 280    |          |       |       |       |       | 18.9  | 15.7  | 9.2   |
| 315    |          |       |       |       |       |       | 13.1  | 8.1   |
| 355    |          |       |       |       |       |       |       | 6.2   |

## Main boom 194 ft | 75°

| Radius | Jib [ft] |       |       |       |       |       |       |       |
|--------|----------|-------|-------|-------|-------|-------|-------|-------|
|        | 66       | 95    | 115   | 154   | 194   | 233   | 272   | 312   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] |
| 90     | 97.1     |       |       |       |       |       |       |       |
| 105    | 80.7     | 79.8  |       |       |       |       |       |       |
| 110    | 76.3     | 75.5  | 74.7  |       |       |       |       |       |
| 120    | 68.7     | 68.0  | 67.3  |       |       |       |       |       |
| 130    |          | 61.8  | 61.2  | 59.9  |       |       |       |       |
| 145    |          | 54.2  | 53.6  | 52.4  | 46.3  |       |       |       |
| 150    |          | 51.9  | 51.5  | 50.3  | 46.1  |       |       |       |
| 160    |          |       | 47.6  | 46.5  | 44.9  | 31.3  |       |       |
| 180    |          |       |       | 40.2  | 39.0  | 30.2  | 19.9  |       |
| 195    |          |       |       | 36.3  | 35.2  | 29.1  | 19.1  | 12.4  |
| 205    |          |       |       | 34.0  | 33.0  | 28.4  | 18.6  | 12.1  |
| 245    |          |       |       |       | 26.0  | 24.8  | 16.8  | 10.5  |
| 285    |          |       |       |       |       | 19.0  | 15.5  | 9.1   |
| 320    |          |       |       |       |       |       | 13.2  | 8.0   |
| 360    |          |       |       |       |       |       |       | 6.2   |

## Main boom 213 ft | 75°

| Radius | Jib [ft] |       |       |       |       |       |       |       |
|--------|----------|-------|-------|-------|-------|-------|-------|-------|
|        | 66       | 95    | 115   | 154   | 194   | 233   | 272   | 312   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] |
| 95     | 88.3     |       |       |       |       |       |       |       |
| 110    | 74.1     | 73.1  |       |       |       |       |       |       |
| 115    | 70.3     | 69.3  | 68.6  |       |       |       |       |       |
| 125    | 63.5     | 62.7  | 62.0  |       |       |       |       |       |
| 135    |          | 57.2  | 56.6  | 55.2  |       |       |       |       |
| 150    |          | 50.3  | 49.8  | 48.6  | 45.1  |       |       |       |
| 155    |          | 48.3  | 47.9  | 46.7  | 45.0  |       |       |       |
| 165    |          |       | 44.3  | 43.2  | 41.9  | 30.5  |       |       |
| 185    |          |       |       | 37.4  | 36.2  | 29.5  | 19.6  |       |
| 200    |          |       |       | 33.9  | 32.8  | 28.5  | 18.9  | 12.1  |
| 210    |          |       |       | 31.8  | 30.7  | 27.8  | 18.4  | 11.9  |
| 250    |          |       |       |       | 24.2  | 23.1  | 16.7  | 10.3  |
| 290    |          |       |       |       |       | 18.5  | 15.4  | 9.0   |
| 325    |          |       |       |       |       |       | 13.2  | 8.0   |
| 365    |          |       |       |       |       |       |       | 6.2   |

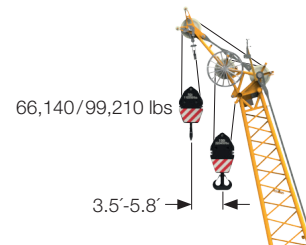
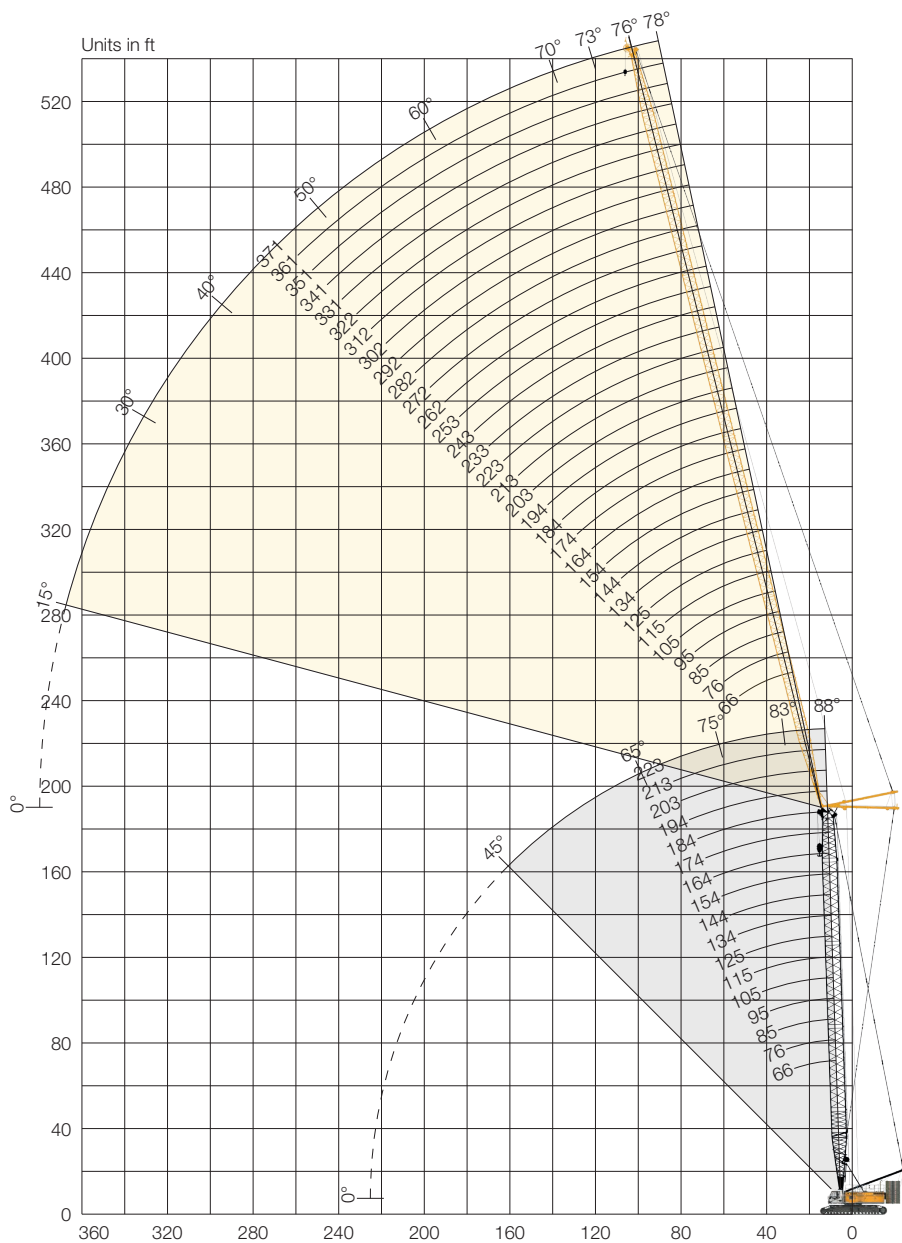
## Main boom 233 ft | 75°

| Radius | Jib [ft] |       |       |       |       |
|--------|----------|-------|-------|-------|-------|
|        | 105      | 115   | 125   | 135   | 144   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] |
| 115.2  | 66.4     |       |       |       |       |
| 120    | 63.3     | 62.8  |       |       |       |
| 125    | 60.3     | 59.8  | 59.6  |       |       |
| 130    | 57.5     | 57.0  | 56.9  | 56.4  |       |
| 135    | 55.0     | 54.5  | 54.4  | 53.9  | 53.6  |
| 140    | 52.6     | 52.1  | 52.0  | 51.5  | 51.3  |
| 145    | 50.4     | 50.0  | 49.8  | 49.4  | 49.1  |
| 150    | 48.4     | 48.0  | 47.8  | 47.4  | 47.1  |
| 155    | 46.5     | 46.1  | 46.0  | 45.5  | 45.3  |
| 160    | 44.7     | 44.3  | 44.2  | 43.8  | 43.5  |
| 170    | 41.4     | 41.1  | 41.0  | 40.6  | 40.4  |
| 180    |          | 38.2  | 38.2  | 37.8  | 37.6  |
| 190    |          |       | 35.6  | 35.3  | 35.1  |
| 200    |          |       |       | 33.1  | 32.9  |
| 210    |          |       |       |       | 30.8  |

TLT 10539958. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual.

## Luffing jib (No. 2316.xx)

Main boom 88-45°, 66-223 ft | Luffing jib 78-15°, 66-113 ft



**Auxiliary jib 66,140/99,210 lbs** (option)  
The maximum capacity of the auxiliary jib is 66,140/99,210 lbs. The corresponding load chart is programmed in the LML system.

|                  |        |
|------------------|--------|
| Max. combination | 554 ft |
| Main boom        | 184 ft |
| Luffing jib      | 370 ft |
| Max. combination | 348 ft |
| Main boom        | 223 ft |
| Luffing jib      | 125 ft |

### Jib configuration (No. 2316.xx)

|                          |       | Length* |    |    |    |     |     |     |     |     |     | Amount of jib sections |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |   |   |   |  |  |
|--------------------------|-------|---------|----|----|----|-----|-----|-----|-----|-----|-----|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|---|---|---|--|--|
| Jib foot                 | 33 ft | 1       | 1  | 1  | 1  | 1   | 1   | 1   | 1   | 1   | 1   | 1                      | 1   | 1   | 1   | 1   | 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   |     | 1   |     | 1   |     | 1   |     | 1   |     | 1   |     | 1   |    | 1 |   | 1 |  |  |
| Jib section              | 20 ft |         |    | 1  | 1  |     |     | 1   | 1   |     |     | 1                      | 1   |     |     | 1   | 1   |     |     | 1   | 1   |     |     | 1   | 1   |     |     | 1   | 1   |     |     | 1   | 1   |    |   | 1 | 1 |  |  |
| Jib section              | 40 ft |         |    |    |    | 1   | 1   | 1   | 1   | 2   | 2   | 2                      | 2   | 3   | 3   | 3   | 4   | 4   | 4   | 4   | 5   | 5   | 5   | 5   | 6   | 6   | 6   | 6   | 7   | 7   | 7   | 7   | 7   | 7  | 7 | 7 | 7 |  |  |
| Jib head                 | 33 ft | 1       | 1  | 1  | 1  | 1   | 1   | 1   | 1   | 1   | 1   | 1                      | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1  | 1 | 1 |   |  |  |
| Jib length [ft]          |       | 66      | 76 | 85 | 95 | 105 | 115 | 125 | 134 | 144 | 154 | 164                    | 174 | 184 | 194 | 203 | 213 | 223 | 233 | 243 | 253 | 262 | 272 | 282 | 292 | 302 | 312 | 322 | 331 | 341 | 351 | 361 | 371 | 37 |   |   |   |  |  |
| Auxiliary jib applicable |       | ✓       | ✓  | ✓  | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓                      | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓  | ✓ | ✓ |   |  |  |

\* Actual lengths of boom sections are metric (e.g. 3 m, 6 m, 10 m, 12 m). The figures shown above are approximate conversions to feet.



Load capacities in 1000lbs with luffing jib (No. 2316.xx) |  
273,400lbs rear counterweight and 125,700lbs carbody counterweight

## Main boom 66 ft | 88°

| Radius | Jib [ft] |       |       |       |       |       |       |       |
|--------|----------|-------|-------|-------|-------|-------|-------|-------|
|        | 66       | 135   | 174   | 213   | 253   | 292   | 331   | 361   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] |
| 40.6   |          | 207.1 |       |       |       |       |       |       |
| 50     |          | 168.4 | 154.6 |       |       |       |       |       |
| 60     | 139.4    | 131.1 | 128.3 | 110.3 |       |       |       |       |
| 70     | 108.3    | 106.3 | 103.9 | 100.4 | 80.6  |       |       |       |
| 75     |          | 97.1  | 97.0  | 95.3  | 79.3  | 55.1  |       |       |
| 85     |          | 84.6  | 81.1  | 79.2  | 75.5  | 53.9  | 39.0  |       |
| 90     |          | 78.8  | 75.0  | 73.7  | 69.5  | 52.8  | 38.5  | 29.6  |
| 120    |          | 54.9  | 53.2  | 50.3  | 48.1  | 46.3  | 33.9  | 25.9  |
| 140    |          | 44.0  | 43.5  | 40.0  | 38.6  | 36.4  | 30.6  | 24.0  |
| 180    |          |       | 30.3  | 29.2  | 27.8  | 25.4  | 23.2  | 19.9  |
| 215    |          |       |       | 22.3  | 21.0  | 18.7  | 16.1  | 14.4  |
| 255    |          |       |       |       | 14.5  | 13.5  | 11.1  | 8.6   |
| 290    |          |       |       |       |       | 9.0   | 7.8   | 2.8   |
| 295    |          |       |       |       |       |       | 7.2   | 2.0   |
| 330    |          |       |       |       |       |       | 3.6   |       |

## Main boom 105 ft | 88°

| Radius | Jib [ft] |       |       |       |       |       |       |       |
|--------|----------|-------|-------|-------|-------|-------|-------|-------|
|        | 66       | 135   | 184   | 213   | 253   | 292   | 331   | 371   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] |
| 40     | 258.0    |       |       |       |       |       |       |       |
| 50     | 231.5    | 194.6 |       |       |       |       |       |       |
| 55     | 210.8    | 185.3 | 134.6 |       |       |       |       |       |
| 60     | 185.0    | 175.2 | 132.9 | 102.9 |       |       |       |       |
| 70     | 138.9    | 151.0 | 128.5 | 100.1 | 75.6  |       |       |       |
| 75     | 113.5    | 140.2 | 125.7 | 98.5  | 74.7  | 50.4  |       |       |
| 85     |          | 121.4 | 116.9 | 94.6  | 72.5  | 49.8  | 37.1  |       |
| 95     |          | 106.0 | 102.4 | 90.0  | 69.9  | 48.5  | 36.3  | 26.2  |
| 140    |          | 54.5  | 63.7  | 60.8  | 59.2  | 42.7  | 30.4  | 21.8  |
| 190    |          |       | 34.1  | 39.4  | 39.3  | 35.6  | 25.9  | 18.3  |
| 215    |          |       |       | 28.0  | 31.5  | 30.7  | 24.3  | 17.0  |
| 255    |          |       |       |       | 19.6  | 22.4  | 19.2  | 14.9  |
| 295    |          |       |       |       |       | 12.0  | 14.1  | 5.1   |
| 310    |          |       |       |       |       |       | 11.1  | 2.1   |
| 330    |          |       |       |       |       |       | 7.0   |       |

## Main boom 134 ft | 88°

| Radius | Jib [ft] |       |       |       |       |       |       |       |
|--------|----------|-------|-------|-------|-------|-------|-------|-------|
|        | 66       | 135   | 174   | 213   | 253   | 292   | 331   | 371   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] |
| 28.7   | 258.0    |       |       |       |       |       |       |       |
| 45     | 245.7    | 185.5 |       |       |       |       |       |       |
| 55     | 207.6    | 178.3 | 133.9 |       |       |       |       |       |
| 60     | 186.8    | 170.0 | 131.6 | 96.4  |       |       |       |       |
| 70     | 147.5    | 151.3 | 126.3 | 94.5  | 70.4  |       |       |       |
| 80     |          | 130.9 | 121.2 | 91.2  | 69.1  | 50.7  |       |       |
| 85     |          | 121.5 | 114.6 | 89.3  | 68.3  | 50.2  | 35.9  |       |
| 95     |          | 106.0 | 104.1 | 86.1  | 66.2  | 48.4  | 35.4  | 25.2  |
| 140    |          | 57.6  | 64.8  | 61.6  | 58.0  | 42.0  | 29.8  | 21.3  |
| 180    |          |       | 39.2  | 44.1  | 43.8  | 37.0  | 26.6  | 18.4  |
| 220    |          |       |       | 27.6  | 31.3  | 30.2  | 23.9  | 16.4  |
| 255    |          |       |       |       | 20.8  | 22.7  | 19.6  | 15.1  |
| 295    |          |       |       |       |       | 13.1  | 14.9  | 5.3   |
| 310    |          |       |       |       |       |       | 11.9  | 2.4   |
| 330    |          |       |       |       |       |       | 7.9   |       |

## Main boom 184 ft | 88°

| Radius | Jib [ft] |       |       |       |       |       |       |       |
|--------|----------|-------|-------|-------|-------|-------|-------|-------|
|        | 66       | 135   | 174   | 213   | 253   | 292   | 331   | 371   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] |
| 30.4   | 255.6    |       |       |       |       |       |       |       |
| 45     | 227.6    | 147.6 |       |       |       |       |       |       |
| 55     | 194.1    | 143.7 | 108.8 |       |       |       |       |       |
| 65     | 166.1    | 133.9 | 105.3 | 81.2  |       |       |       |       |
| 70     | 154.7    | 129.2 | 103.1 | 80.3  | 61.0  |       |       |       |
| 75     | 132.8    | 124.6 | 101.0 | 79.1  | 61.0  |       |       |       |
| 90     |          | 110.3 | 92.9  | 74.6  | 58.6  | 45.1  | 32.9  |       |
| 95     |          | 105.3 | 90.1  | 73.5  | 57.5  | 44.4  | 32.7  | 23.4  |
| 145    |          | 54.5  | 62.1  | 57.2  | 48.7  | 38.5  | 27.5  | 19.6  |
| 180    |          |       | 41.0  | 44.7  | 42.6  | 34.8  | 24.9  | 17.6  |
| 220    |          |       |       | 28.6  | 31.8  | 29.6  | 22.5  | 15.8  |
| 260    |          |       |       |       | 19.0  | 22.4  | 18.7  | 14.0  |
| 295    |          |       |       |       |       | 13.4  | 15.7  | 5.7   |
| 310    |          |       |       |       |       |       | 12.7  | 2.8   |
| 335    |          |       |       |       |       |       | 7.6   |       |

## Main boom 194 ft | 88°

| Radius | Jib [ft] |       |       |       |       |       |       |       |
|--------|----------|-------|-------|-------|-------|-------|-------|-------|
|        | 66       | 135   | 174   | 213   | 253   | 292   | 331   | 341   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] |
| 30.8   | 240.6    |       |       |       |       |       |       |       |
| 50     | 203.7    | 139.9 |       |       |       |       |       |       |
| 55     | 187.7    | 136.2 | 104.5 |       |       |       |       |       |
| 65     | 162.3    | 127.7 | 101.2 | 78.5  |       |       |       |       |
| 70     | 151.4    | 123.5 | 99.0  | 77.8  | 59.3  |       |       |       |
| 80     |          | 115.1 | 94.8  | 75.3  | 58.6  | 44.9  |       |       |
| 90     |          | 106.1 | 88.9  | 72.1  | 57.0  | 44.5  | 32.5  | 29.6  |
| 120    |          | 79.7  | 74.0  | 63.5  | 51.4  | 40.8  | 29.7  | 27.2  |
| 145    |          | 55.5  | 61.5  | 55.7  | 47.2  | 37.8  | 27.4  | 25.1  |
| 180    |          |       | 41.7  | 44.5  | 40.9  | 33.9  | 24.8  | 22.6  |
| 220    |          |       |       | 29.1  | 31.9  | 29.0  | 22.4  | 20.4  |
| 260    |          |       |       |       | 19.1  | 22.7  | 18.8  | 17.6  |
| 295    |          |       |       |       |       | 13.7  | 15.4  | 14.8  |
| 335    |          |       |       |       |       |       | 7.7   | 8.4   |
| 345    |          |       |       |       |       |       |       | 6.4   |

## Main boom 213 ft | 88°

| Radius | Jib [ft] |       |       |
|--------|----------|-------|-------|
|        | 66       | 135   | 174   |
| [ft]   | [lbs]    | [lbs] | [lbs] |
| 31.5   | 214.0    |       |       |
| 50     | 184.6    | 125.9 |       |
| 55     | 173.5    | 122.5 | 95.9  |
| 60     | 165.4    | 118.7 | 95.0  |
| 70     | 145.8    | 111.6 | 91.3  |
| 80     | 33.4     | 104.0 | 86.9  |
| 90     |          | 96.8  | 81.9  |
| 100    |          | 90.0  | 77.8  |
| 110    |          | 83.7  | 73.2  |
| 120    |          | 76.9  | 68.6  |
| 140    |          | 61.0  | 60.9  |
| 145    |          | 56.1  | 58.9  |
| 160    |          |       | 53.6  |
| 180    |          |       | 41.9  |
| 185    |          |       | 33.4  |

## Main boom 223 ft | 88°

| Radius | Jib [ft] |
|--------|----------|
|        | 125      |
| [ft]   | [lbs]    |
| 44.1   | 128.9    |
| 50     | 126.8    |
| 60     | 119.1    |
| 70     | 111.0    |
| 80     | 104.0    |
| 90     | 95.4     |
| 95     | 92.0     |
| 100    | 89.1     |
| 105    | 85.6     |
| 110    | 82.3     |
| 115    | 79.3     |
| 120    | 76.8     |
| 125    | 72.3     |
| 130    | 67.0     |
| 135    | 61.6     |

TLT 10539958. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual.



Load capacities in 1000lbs with luffing jib (No. 2316.xx) |  
273,400lbs rear counterweight and 125,700lbs carbody counterweight

## Main boom 66ft | 83°

| Radius<br>[ft] | Jib [ft]    |              |              |              |              |              |              |              |
|----------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                | 66<br>[lbs] | 135<br>[lbs] | 174<br>[lbs] | 213<br>[lbs] | 253<br>[lbs] | 292<br>[lbs] | 331<br>[lbs] | 361<br>[lbs] |
| 37.7           | 258.0       |              |              |              |              |              |              |              |
| 60             | 165.7       | 162.0        |              |              |              |              |              |              |
| 70             | 129.7       | 128.6        | 120.9        |              |              |              |              |              |
| 80             | 98.6        | 103.3        | 103.2        |              |              |              |              |              |
| 85             |             | 94.8         | 96.0         | 94.6         |              |              |              |              |
| 95             |             | 80.6         | 79.9         | 80.0         | 72.4         |              |              |              |
| 105            |             | 70.9         | 69.2         | 68.3         | 67.4         | 49.6         |              |              |
| 120            |             | 59.4         | 56.6         | 56.5         | 55.9         | 48.0         | 33.6         |              |
| 125            |             | 56.7         | 54.0         | 53.2         | 51.9         | 47.1         | 33.3         | 24.6         |
| 145            |             | 46.2         | 44.4         | 41.9         | 40.8         | 38.8         | 31.0         | 23.2         |
| 185            |             |              | 32.1         | 30.0         | 29.0         | 26.2         | 25.1         | 20.2         |
| 220            |             |              |              | 23.6         | 21.8         | 19.5         | 17.2         | 14.9         |
| 260            |             |              |              |              | 15.9         | 14.1         | 11.8         | 8.9          |
| 300            |             |              |              |              |              | 9.8          | 7.9          |              |
| 335            |             |              |              |              |              |              | 4.8          |              |

## Main boom 105ft | 83°

| Radius<br>[ft] | Jib [ft]    |              |              |              |              |              |              |              |
|----------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                | 66<br>[lbs] | 135<br>[lbs] | 174<br>[lbs] | 213<br>[lbs] | 253<br>[lbs] | 292<br>[lbs] | 331<br>[lbs] | 371<br>[lbs] |
| 42.5           | 258.0       |              |              |              |              |              |              |              |
| 65             | 166.5       | 164.2        |              |              |              |              |              |              |
| 75             | 139.3       | 137.1        | 134.7        |              |              |              |              |              |
| 85             | 115.2       | 117.4        | 116.0        |              |              |              |              |              |
| 90             |             | 109.4        | 108.0        | 96.1         |              |              |              |              |
| 100            |             | 96.2         | 94.8         | 91.9         | 70.4         |              |              |              |
| 110            |             | 85.6         | 84.2         | 82.8         | 68.8         | 47.5         |              |              |
| 125            |             | 73.2         | 71.9         | 70.4         | 65.6         | 46.1         | 32.4         |              |
| 135            |             | 66.6         | 65.3         | 63.9         | 62.4         | 44.8         | 31.5         | 22.0         |
| 150            |             | 56.1         | 57.2         | 55.8         | 54.3         | 42.7         | 30.0         | 21.0         |
| 190            |             |              | 38.3         | 40.9         | 39.5         | 37.3         | 26.5         | 18.3         |
| 225            |             |              |              | 29.1         | 31.0         | 29.6         | 24.1         | 16.6         |
| 265            |             |              |              |              | 20.5         | 22.7         | 19.5         | 13.6         |
| 305            |             |              |              |              |              | 12.9         | 14.9         | 4.2          |
| 340            |             |              |              |              |              |              | 7.8          |              |

## Main boom 134ft | 83°

| Radius<br>[ft] | Jib [ft]    |              |              |              |              |              |              |              |
|----------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                | 66<br>[lbs] | 135<br>[lbs] | 174<br>[lbs] | 213<br>[lbs] | 253<br>[lbs] | 292<br>[lbs] | 331<br>[lbs] | 371<br>[lbs] |
| 46.1           | 234.2       |              |              |              |              |              |              |              |
| 70             | 150.3       | 147.7        |              |              |              |              |              |              |
| 80             | 127.3       | 125.0        | 123.5        |              |              |              |              |              |
| 85             | 118.1       | 116.0        | 114.5        |              |              |              |              |              |
| 90             |             | 108.1        | 106.6        | 92.5         |              |              |              |              |
| 105            |             | 89.5         | 88.1         | 86.5         | 66.7         |              |              |              |
| 115            |             | 80.1         | 78.7         | 77.1         | 65.3         | 46.3         |              |              |
| 125            |             | 72.3         | 70.9         | 69.4         | 63.5         | 45.5         | 31.7         |              |
| 140            |             | 62.9         | 61.6         | 60.1         | 58.5         | 43.5         | 30.8         | 21.3         |
| 155            |             | 55.3         | 54.2         | 52.7         | 51.2         | 41.7         | 29.4         | 20.3         |
| 190            |             |              | 41.6         | 40.3         | 38.8         | 37.2         | 26.5         | 18.0         |
| 230            |             |              |              | 29.5         | 29.5         | 28.0         | 23.9         | 16.1         |
| 270            |             |              |              |              | 20.9         | 21.5         | 19.6         | 13.1         |
| 305            |             |              |              |              |              | 14.7         | 15.8         | 5.0          |
| 345            |             |              |              |              |              |              | 8.1          |              |

## Main boom 184ft | 83°

| Radius<br>[ft] | Jib [ft]    |              |              |              |              |              |              |              |
|----------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                | 66<br>[lbs] | 135<br>[lbs] | 174<br>[lbs] | 213<br>[lbs] | 253<br>[lbs] | 292<br>[lbs] | 331<br>[lbs] | 371<br>[lbs] |
| 52.1           | 195.3       |              |              |              |              |              |              |              |
| 75             | 135.0       | 128.3        |              |              |              |              |              |              |
| 85             | 115.7       | 113.2        | 104.0        |              |              |              |              |              |
| 95             | 100.8       | 98.7         | 97.0         |              |              |              |              |              |
| 100            |             | 92.7         | 91.1         | 81.0         |              |              |              |              |
| 110            |             | 82.5         | 80.9         | 77.6         | 60.1         |              |              |              |
| 120            |             | 74.2         | 72.6         | 71.0         | 59.1         | 42.7         |              |              |
| 130            |             | 67.2         | 65.7         | 64.1         | 57.4         | 42.3         | 29.6         |              |
| 160            |             | 51.8         | 50.6         | 49.0         | 47.4         | 39.1         | 27.6         | 19.4         |
| 200            |             |              | 33.4         | 36.3         | 34.8         | 33.1         | 24.8         | 17.0         |
| 235            |             |              |              | 28.9         | 27.5         | 26.0         | 22.7         | 15.5         |
| 275            |             |              |              |              | 20.9         | 19.9         | 18.1         | 13.2         |
| 310            |             |              |              |              |              | 14.6         | 14.4         | 5.3          |
| 325            |             |              |              |              |              |              | 12.9         | 2.5          |
| 350            |             |              |              |              |              |              | 8.5          |              |

## Main boom 194ft | 83°

| Radius<br>[ft] | Jib [ft]    |              |              |              |              |              |              |
|----------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                | 66<br>[lbs] | 135<br>[lbs] | 174<br>[lbs] | 213<br>[lbs] | 253<br>[lbs] | 292<br>[lbs] | 331<br>[lbs] |
| 53.3           | 186.2       |              |              |              |              |              |              |
| 75             | 134.3       | 123.8        |              |              |              |              |              |
| 85             | 115.1       | 112.5        | 100.6        |              |              |              |              |
| 95             | 100.3       | 98.1         | 96.2         |              |              |              |              |
| 100            |             | 92.1         | 90.5         | 78.5         |              |              |              |
| 110            |             | 82.0         | 80.4         | 75.9         | 58.6         |              |              |
| 120            |             | 73.7         | 72.1         | 70.5         | 57.8         | 42.2         |              |
| 135            |             | 63.8         | 62.3         | 60.7         | 55.6         | 41.4         | 29.3         |
| 160            |             | 51.5         | 50.2         | 48.7         | 47.1         | 38.7         | 27.5         |
| 200            |             |              | 37.4         | 36.1         | 34.5         | 32.4         | 24.8         |
| 235            |             |              |              | 28.6         | 27.2         | 25.7         | 22.7         |
| 275            |             |              |              |              | 21.1         | 19.7         | 17.6         |
| 315            |             |              |              |              |              | 14.0         | 13.7         |
| 340            |             |              |              |              |              |              | 10.3         |
| 360            |             |              |              |              |              |              |              |

## Main boom 213ft | 83°

| Radius<br>[ft] | Jib [ft]    |              |              |
|----------------|-------------|--------------|--------------|
|                | 66<br>[lbs] | 135<br>[lbs] | 174<br>[lbs] |
| 55.7           | 170.9       |              |              |
| 80             | 122.7       | 114.5        |              |
| 90             | 106.2       | 102.7        | 93.0         |
| 95             |             | 99.3         | 91.1         |
| 100            |             | 90.9         | 87.0         |
| 110            |             | 80.9         | 79.3         |
| 120            |             | 72.7         | 71.1         |
| 130            |             | 65.9         | 64.4         |
| 140            |             | 60.1         | 58.6         |
| 150            |             | 55.2         | 53.7         |
| 160            |             | 50.8         | 49.5         |
| 165            |             | 48.8         | 47.6         |
| 180            |             |              | 42.5         |
| 190            |             |              | 39.5         |
| 200            |             |              | 36.9         |

## Main boom 223ft | 83°

| Radius<br>[ft] | Jib [ft]     |  |
|----------------|--------------|--|
|                | 125<br>[lbs] |  |
| 74.2           | 116.7        |  |
| 75             | 116.5        |  |
| 80             | 113.9        |  |
| 90             | 101.6        |  |
| 100            | 90.9         |  |
| 110            | 80.9         |  |
| 115            | 76.6         |  |
| 120            | 72.8         |  |
| 125            | 69.2         |  |
| 130            | 66.0         |  |
| 135            | 63.0         |  |
| 140            | 60.2         |  |
| 145            | 57.6         |  |
| 150            | 55.2         |  |
| 155            | 53.0         |  |

TLT 10539958. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual.



Load capacities in 1000lbs with luffing jib (No. 2316.xx) |  
273,400lbs rear counterweight and 125,700lbs carbody counterweight

## Main boom 66ft | 75°

| Radius | Jib [ft] |       |       |       |       |       |       |       |
|--------|----------|-------|-------|-------|-------|-------|-------|-------|
|        | 66       | 135   | 174   | 213   | 253   | 292   | 331   | 361   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] |
| 60     | 181.2    |       |       |       |       |       |       |       |
| 85     | 117.3    | 115.1 |       |       |       |       |       |       |
| 105    |          | 85.0  | 84.2  |       |       |       |       |       |
| 120    |          | 68.8  | 68.1  | 65.1  |       |       |       |       |
| 135    |          | 58.9  | 55.7  | 55.7  | 50.2  |       |       |       |
| 155    |          | 47.1  | 45.7  | 43.8  | 42.7  | 38.6  |       |       |
| 170    |          |       | 40.0  | 37.8  | 36.3  | 34.5  | 28.3  |       |
| 180    |          |       | 36.7  | 34.6  | 32.4  | 32.7  | 27.6  | 20.6  |
| 195    |          |       | 33.0  | 31.0  | 30.0  | 28.3  | 25.0  | 20.1  |
| 200    |          |       |       | 30.7  | 28.8  | 26.8  | 24.3  | 19.7  |
| 230    |          |       |       | 24.1  | 22.4  | 20.1  | 17.9  | 15.8  |
| 270    |          |       |       |       | 16.2  | 14.2  | 11.9  | 10.0  |
| 305    |          |       |       |       |       | 10.6  | 8.3   | 6.2   |
| 345    |          |       |       |       |       |       | 5.4   | 3.6   |
| 370    |          |       |       |       |       |       |       | 2.2   |

## Main boom 105ft | 75°

| Radius | Jib [ft] |       |       |       |       |       |       |       |
|--------|----------|-------|-------|-------|-------|-------|-------|-------|
|        | 66       | 135   | 174   | 213   | 253   | 292   | 331   | 371   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] |
| 70     | 144.8    |       |       |       |       |       |       |       |
| 95     | 99.4     | 96.8  |       |       |       |       |       |       |
| 100    | 93.3     | 90.9  |       |       |       |       |       |       |
| 115    |          | 76.6  | 75.0  |       |       |       |       |       |
| 130    |          | 65.9  | 64.3  | 62.7  |       |       |       |       |
| 145    |          | 57.6  | 56.1  | 54.4  | 52.8  |       |       |       |
| 165    |          | 48.9  | 47.6  | 46.0  | 44.3  | 41.5  |       |       |
| 180    |          |       | 42.5  | 40.9  | 39.3  | 37.6  | 27.7  |       |
| 195    |          |       | 38.2  | 36.7  | 35.1  | 33.5  | 26.9  | 18.3  |
| 205    |          |       | 33.4  | 34.2  | 32.7  | 31.1  | 26.1  | 18.1  |
| 240    |          |       |       | 27.3  | 25.8  | 24.3  | 22.6  | 16.4  |
| 280    |          |       |       |       | 20.0  | 18.6  | 17.0  | 14.5  |
| 315    |          |       |       |       |       | 14.8  | 13.3  | 5.2   |
| 330    |          |       |       |       |       |       | 11.9  | 2.1   |
| 355    |          |       |       |       |       |       | 9.1   |       |

## Main boom 134ft | 75°

| Radius | Jib [ft] |       |       |       |       |       |       |       |
|--------|----------|-------|-------|-------|-------|-------|-------|-------|
|        | 66       | 135   | 174   | 213   | 253   | 292   | 331   | 371   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] |
| 75     | 129.1    |       |       |       |       |       |       |       |
| 105    | 85.5     | 82.8  |       |       |       |       |       |       |
| 120    |          | 70.3  | 68.5  |       |       |       |       |       |
| 140    |          | 58.1  | 56.4  | 54.7  |       |       |       |       |
| 155    |          | 51.1  | 49.6  | 47.9  | 46.1  |       |       |       |
| 170    |          | 45.4  | 44.0  | 42.3  | 40.6  | 38.9  |       |       |
| 175    |          | 33.4  | 42.4  | 40.7  | 39.0  | 37.3  |       |       |
| 190    |          |       | 38.0  | 36.4  | 34.7  | 33.1  | 27.0  |       |
| 205    |          |       | 34.2  | 32.8  | 31.2  | 29.5  | 26.3  | 17.5  |
| 210    |          |       | 33.1  | 31.7  | 30.1  | 28.4  | 25.9  | 17.5  |
| 250    |          |       |       | 24.4  | 23.0  | 21.3  | 19.6  | 15.7  |
| 285    |          |       |       |       | 18.3  | 16.8  | 15.2  | 12.7  |
| 325    |          |       |       |       |       | 12.8  | 11.3  | 4.7   |
| 335    |          |       |       |       |       |       | 10.5  | 2.6   |
| 365    |          |       |       |       |       |       | 8.2   |       |

## Main boom 184ft | 75°

| Radius | Jib [ft] |       |       |       |       |       |       |       |
|--------|----------|-------|-------|-------|-------|-------|-------|-------|
|        | 66       | 135   | 174   | 213   | 253   | 292   | 331   | 371   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] |
| 90     | 97.0     |       |       |       |       |       |       |       |
| 115    | 72.0     | 66.4  |       |       |       |       |       |       |
| 120    | 68.2     | 65.3  |       |       |       |       |       |       |
| 135    |          | 56.4  | 54.5  |       |       |       |       |       |
| 150    |          | 49.4  | 47.6  | 45.7  |       |       |       |       |
| 165    |          | 43.8  | 42.1  | 40.2  | 37.9  |       |       |       |
| 185    |          | 37.6  | 36.1  | 34.4  | 32.5  | 29.3  |       |       |
| 200    |          |       | 32.5  | 30.9  | 29.1  | 26.1  | 22.9  |       |
| 215    |          |       | 29.4  | 27.8  | 26.0  | 23.3  | 20.2  | 16.5  |
| 225    |          |       | 27.5  | 26.0  | 24.3  | 21.7  | 18.7  | 15.6  |
| 260    |          |       |       | 20.7  | 19.1  | 17.0  | 14.1  | 11.2  |
| 300    |          |       |       |       | 14.6  | 13.1  | 10.3  | 7.6   |
| 340    |          |       |       |       |       | 9.7   | 7.4   | 3.0   |
| 345    |          |       |       |       |       |       | 7.0   | 2.3   |
| 375    |          |       |       |       |       |       | 4.6   |       |

## Main boom 194ft | 75°

| Radius | Jib [ft] |       |       |       |       |       |       |
|--------|----------|-------|-------|-------|-------|-------|-------|
|        | 66       | 135   | 174   | 213   | 253   | 292   | 331   |
| [ft]   | [lbs]    | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] | [lbs] |
| 90     | 95.6     |       |       |       |       |       |       |
| 120    | 67.3     | 64.1  |       |       |       |       |       |
| 135    |          | 55.4  | 53.5  |       |       |       |       |
| 155    |          | 46.6  | 44.8  | 42.9  |       |       |       |
| 170    |          | 41.4  | 39.6  | 37.8  | 35.1  |       |       |
| 185    |          | 37.0  | 35.4  | 33.6  | 31.3  | 27.9  |       |
| 190    |          | 33.4  | 34.1  | 32.4  | 30.2  | 26.9  |       |
| 205    |          |       | 30.8  | 29.1  | 27.1  | 24.0  | 20.8  |
| 220    |          |       | 27.8  | 26.2  | 24.5  | 21.4  | 18.4  |
| 225    |          |       | 26.9  | 25.4  | 23.6  | 20.7  | 17.6  |
| 265    |          |       |       | 19.5  | 17.9  | 15.6  | 12.7  |
| 300    |          |       |       |       | 14.2  | 12.4  | 9.6   |
| 340    |          |       |       |       |       | 9.0   | 6.8   |
| 380    |          |       |       |       |       |       | 3.7   |
| 390    |          |       |       |       |       |       |       |

## Main boom 213ft | 75°

| Radius | Jib [ft] |       |       |
|--------|----------|-------|-------|
|        | 66       | 135   | 174   |
| [ft]   | [lbs]    | [lbs] | [lbs] |
| 95     | 86.7     |       |       |
| 125    | 62.0     | 58.7  |       |
| 140    |          | 51.0  | 49.0  |
| 150    |          | 46.7  | 44.8  |
| 160    |          | 43.0  | 41.2  |
| 170    |          | 39.8  | 38.0  |
| 180    |          | 36.9  | 35.2  |
| 190    |          | 34.3  | 32.7  |
| 195    |          | 33.1  | 31.6  |
| 200    |          |       | 30.5  |
| 210    |          |       | 28.5  |
| 215    |          |       | 27.5  |
| 220    |          |       | 26.6  |
| 225    |          |       | 25.7  |
| 230    |          |       | 24.9  |

## Main boom 223ft | 75°

| Radius | Jib [ft] |
|--------|----------|
|        | 125      |
| [ft]   | [lbs]    |
| 120.9  | 60.6     |
| 125    | 58.2     |
| 130    | 55.4     |
| 135    | 52.9     |
| 140    | 50.5     |
| 145    | 48.4     |
| 150    | 46.3     |
| 155    | 44.5     |
| 160    | 42.7     |
| 165    | 41.0     |
| 170    | 39.5     |
| 175    | 38.0     |
| 180    | 36.6     |
| 185    | 35.3     |

TLT 10539958. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual.



## Liebherr-Werk Nenzling GmbH

Dr. Hans Liebherr Str. 1, 6710 Nenzling/Austria  
Tel.: +43 50809 41-473, Fax: +43 50809 41-499  
crawler.crane@liebherr.com, www.liebherr.com  
facebook.com/LiebherrConstruction

## Liebherr Nenzling Crane Co.

7075 Bennington Street, Houston, TX 77028-5812  
Tel.: (713) 636-4050, Fax: (713) 636-4051  
crawler.crane@liebherr.com, www.liebherr.com  
facebook.com/LiebherrConstruction