



SELECT CRAWLER CRANE

SPECIFICATION SHEETS



Crawler Crane

LR 1160
Litronic®

EN

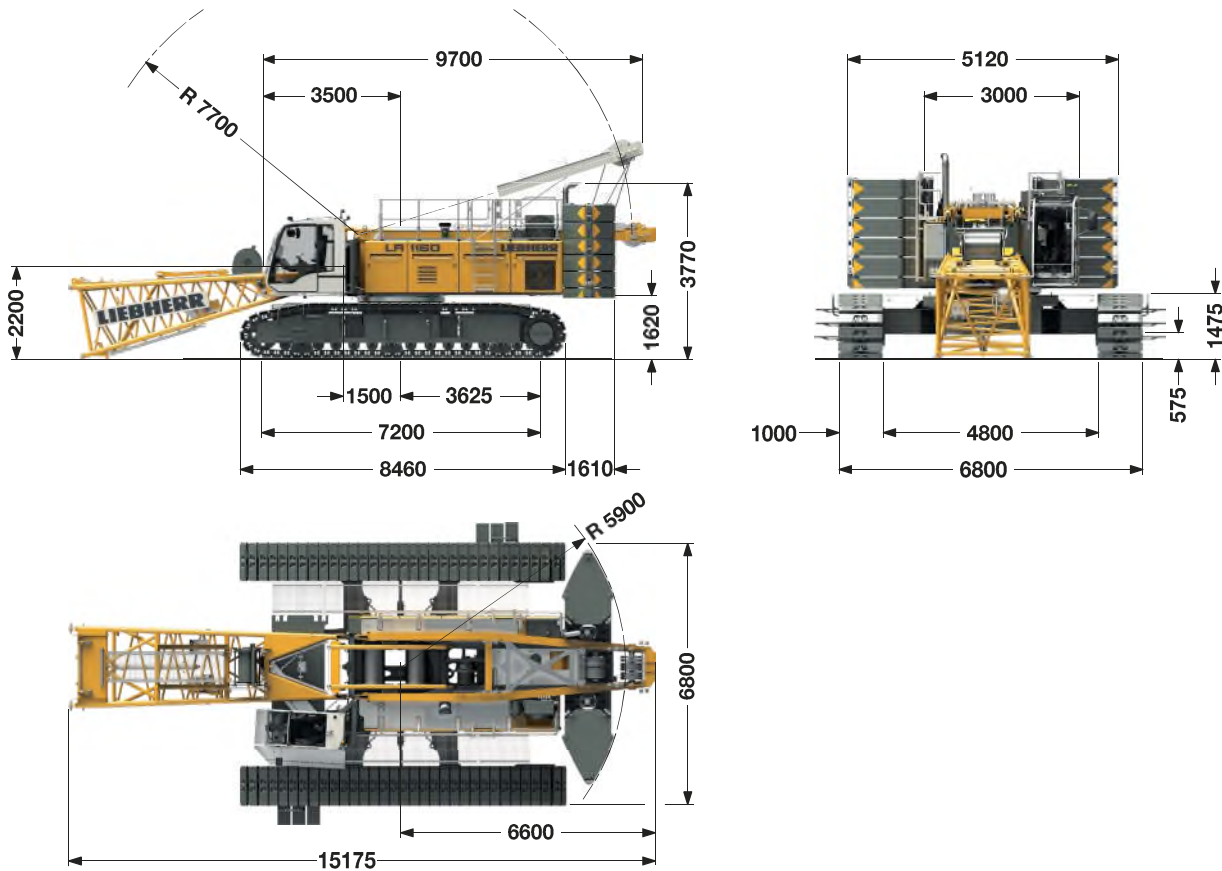
LR 1003.03



LIEBHERR

Dimensions

Basic machine with undercarriage



Operating weight

The operating weight includes the basic machine with crawlers, 2 main winches 120 kN and 20 m main boom, consisting of A-frame, boom foot (7 m), boom head (7 m), boom extension (6 m), 62.2 t basic counterweight, 20 t carbody counterweight and 160 t hook block.

Total weight ————— approx. 167 t

Ground pressure

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

Equipment

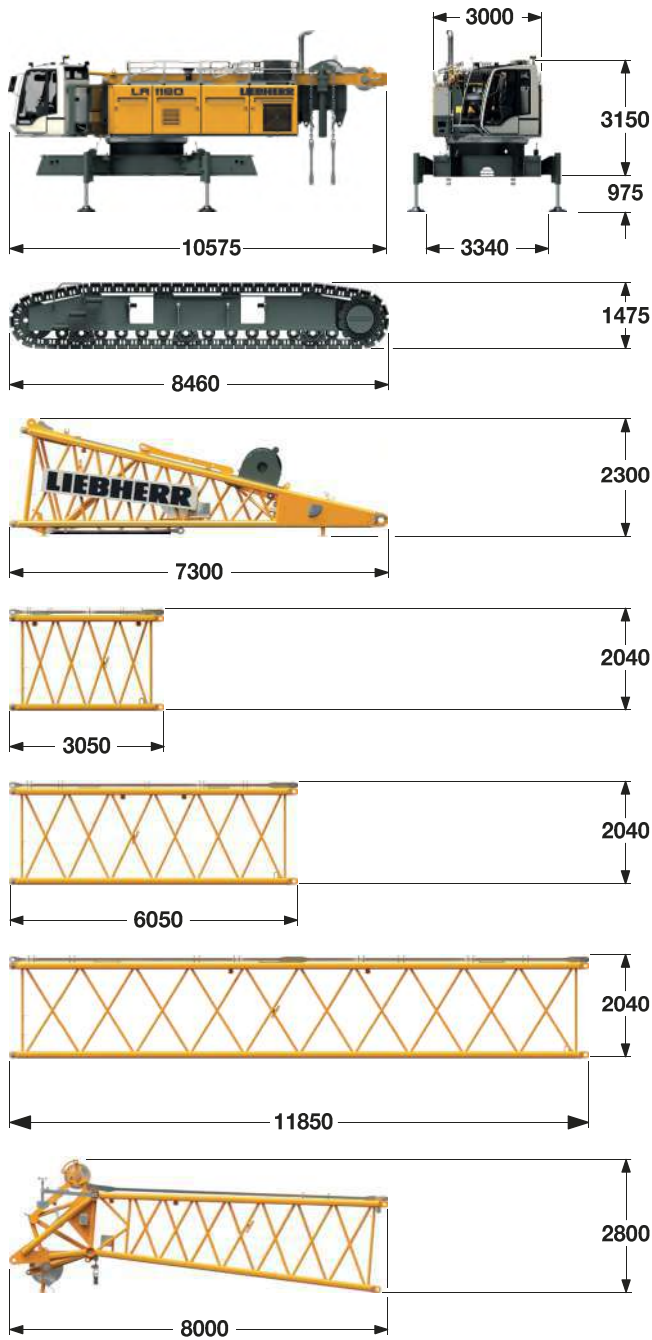
| | |
|---------------------------------------|--------------------|
| Main boom (No. 2018.xx) max. length | 87.5 m |
| High reach (No. 2018.xx and 1309.xx) | 104.9 m |
| High reach (No. 2018.xx and 1713.xx) | 101.1 m |
| Luffing jib (No. 1309.xx) max. length | 78.5 m |
| Max. combination | main boom 55.1 m |
| | luffing jib 78.5 m |
| Luffing jib (No. 1713.xx) max. length | 83 m |
| Max. combination | main boom 52.1 m |
| | luffing jib 83 m |
| Fixed jib (No. 0806.xx) | 11 m – 32 m |
| Fixed jib (No. 1008.xx) | 11 m – 26 m |
| Auxiliary jib 24 t (option 36 t) | |

Remarks

1. The lifting capacities stated are valid for lifting operation only (corresponding with crane classification according to F.E.M. 1.001, crane group A1).
2. Crane standing on firm, horizontal ground.
3. The weight of the lifting device (hoisting ropes, hook block, shackle etc.) must be deducted from the gross lifting capacity to obtain a net lifting value.
4. Additional equipment on boom (e.g. boom walkways, auxiliary jib) must be deducted to get the net lifting capacity.
5. For max. wind speed please refer to lift chart in operator's cab or manual.
6. Working radii are measured from center 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 DIN 15019 / part 2 / chart 1 and ISO 4305 Table 1 + 2, tipping angle 4°.
9. The structures are calculated according to F.E.M. 1.001 - 1998 (EN 13001-1; EN 13001-2).

Transport dimensions and weights

Basic machine and main boom (No. 2018.xx)



Transport option



Basic machine

with A-frame, 2x 120 kN crane winches without boom foot, hoist ropes, basic counterweight and crawlers

| | |
|----------------------|-----------|
| Width | 3000 mm |
| Weight | 35000 kg |
| Weight of hoist rope | 3.42 kg/m |

Crawler

2x

| | |
|------------|----------|
| Track pads | 1000 mm |
| Width | 1180 mm |
| Weight | 17260 kg |

Boom foot (No. 2018.23)

| | |
|-----------------------------|---------|
| Width | 2140 mm |
| Weight incl. winch and rope | 4550 kg |
| Weight without winch | 3000 kg |

Boom section (No. 2018.20)

3 m

| | |
|---|---------|
| Width | 2140 mm |
| Weight with HPT ¹⁾ | 680 kg |
| Weight with HPT ¹⁾ and NDL ²⁾ | 750 kg |

Boom section (No. 2018.20)

6 m

| | |
|---|---------|
| Width | 2140 mm |
| Weight with HPT ¹⁾ | 990 kg |
| Weight with HPT ¹⁾ and NDL ²⁾ | 1100 kg |

Boom section (No. 2018.20)

11.7 m

| | |
|---|---------|
| Width | 2140 mm |
| Weight with HPT ¹⁾ | 1670 kg |
| Weight with HPT ¹⁾ and NDL ²⁾ | 1900 kg |

Boom head (No. 2018.20)

| | |
|-------------------------------|---------|
| Width | 2140 mm |
| Weight with HPT ¹⁾ | 2800 kg |

1) Pendant straps for main boom • 2) Pendant straps for jib

Boom transport option

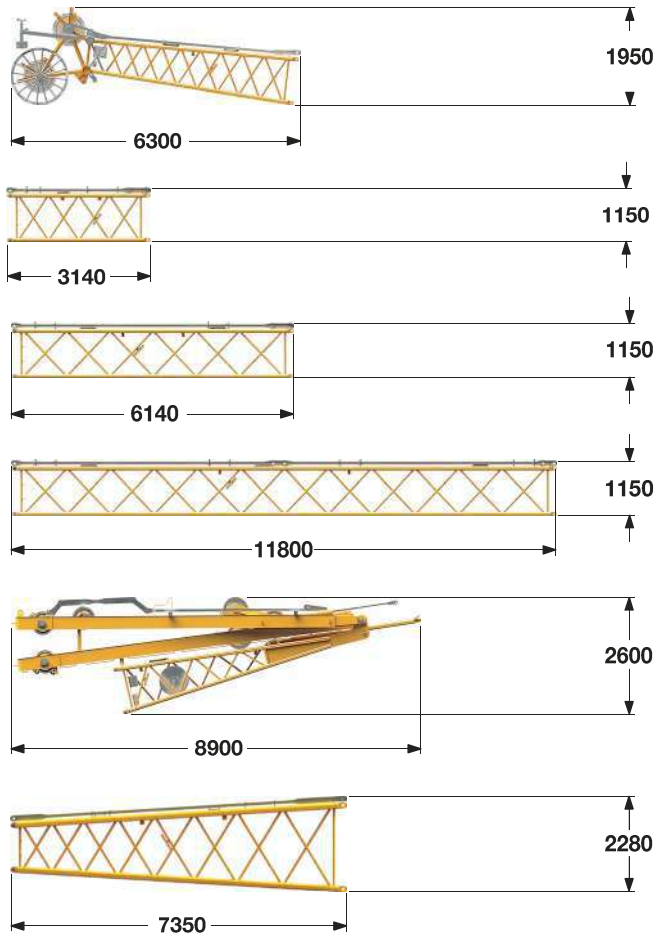
11.7 m boom - and 11.7 m jib extension
6 m boom - and 6 m jib extension

| | | | |
|-----------------------|------|-----------|----|
| (No. 2018.xx/1309.xx) | 6/6 | 11.7/11.7 | m |
| Length | 6150 | 11850 | mm |
| Weight* | 1620 | 2860 | kg |

*) Including pendant straps

Transport dimensions and weights

Luffing jib (No. 1309.xx)



Luffing jib head (No. 1309.22)

| | |
|---------|---------|
| Width | 1390 mm |
| Weight* | 1125 kg |

Luffing jib section (No. 1309.20)

3 m

| | |
|---------|---------|
| Width | 1390 mm |
| Weight* | 305 kg |

Luffing jib section (No. 1309.20)

6 m

| | |
|---------|---------|
| Width | 1390 mm |
| Weight* | 510 kg |

Luffing jib section (No. 1309.20)

11.7 m

| | |
|---------|---------|
| Width | 1390 mm |
| Weight* | 945 kg |

Luffing jib foot with A-frames (No. 1309.22)

| | |
|---------|---------|
| Width | 1700 mm |
| Weight* | 4470 kg |

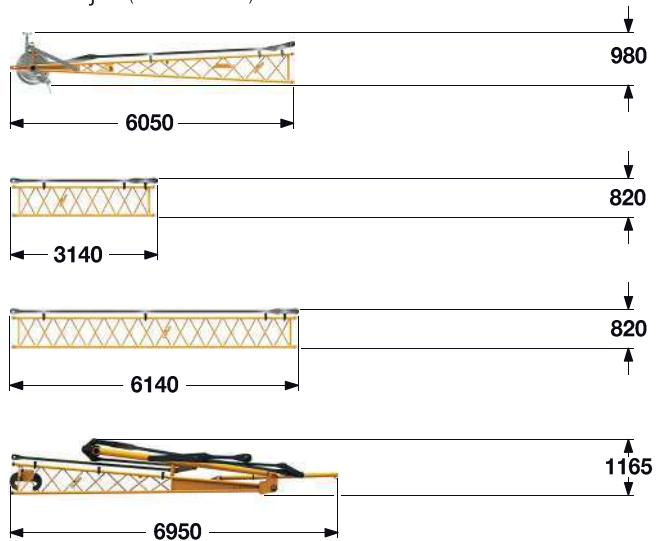
Boomsection tapered (No. 2018/1309.20)

7.2 m

| | |
|---------|---------|
| Width | 2140 mm |
| Weight* | 1060 kg |

*) Including pendant straps

Fixed jib (No. 0806.xx)



Fixed jib head (No. 0806.16)

| | |
|---------|--------|
| Width | 950 mm |
| Weight* | 445 kg |

Fixed jib section (No. 0806.15)

3 m

| | |
|---------|--------|
| Width | 950 mm |
| Weight* | 145 kg |

Fixed jib section (No. 0806.15)

6 m

| | |
|---------|--------|
| Width | 950 mm |
| Weight* | 250 kg |

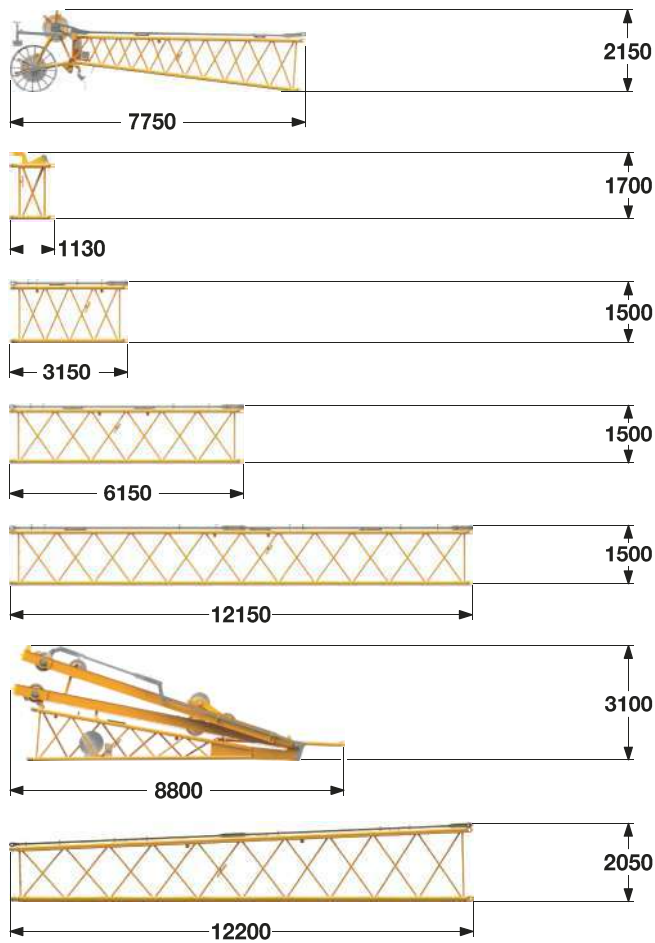
Fixed jib foot with A-frame (No. 0806.16)

| | |
|---------|---------|
| Width | 2200 mm |
| Weight* | 1070 kg |

*) Including pendant straps

Transport dimensions and weights

Luffing jib (No. 1713.xx)



Luffing jib head (No. 1713.21)

| | |
|---------|---------|
| Width | 1820 mm |
| Weight* | 1375 kg |

Luffing jib section (No. 1713.22)

| | |
|---------|---------|
| Width | 1820 mm |
| Weight* | 395 kg |

Luffing jib section (No. 1713.18)

| | |
|---------|---------|
| Width | 1820 mm |
| Weight* | 430 kg |

Luffing jib section (No. 1713.18)

| | |
|---------|---------|
| Width | 1820 mm |
| Weight* | 630 kg |

Luffing jib section (No. 1713.18)

| | |
|---------|---------|
| Width | 1820 mm |
| Weight* | 1140 kg |

Luffing jib foot with A-frames (No. 1713.22)

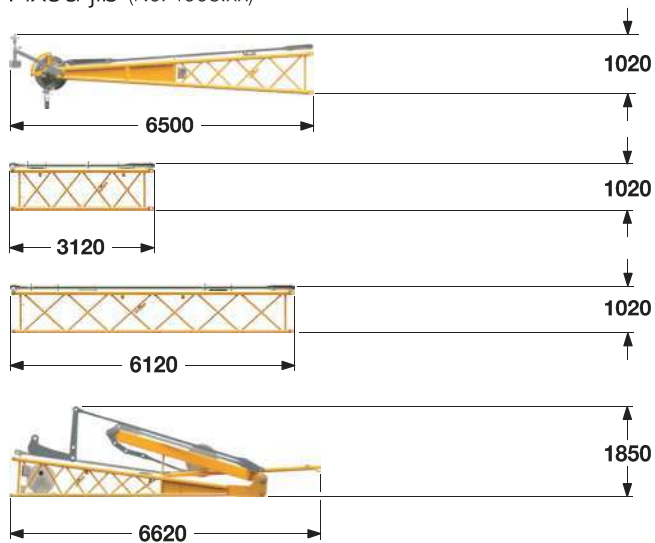
| | |
|---------|---------|
| Width | 2450 mm |
| Weight* | 4740 kg |

Boomsection tapered (No. 1713.22)

| | |
|---------|---------|
| Width | 2140 mm |
| Weight* | 1490 kg |

*) Including pendant straps

Fixed jib (No. 1008.xx)



Fixed jib head (No. 1008.20)

| | |
|---------|---------|
| Width | 1090 mm |
| Weight* | 870 kg |

Fixed jib section (No. 1008.17)

| | |
|---------|---------|
| Width | 1090 mm |
| Weight* | 300 kg |

Fixed jib section (No. 1008.17)

| | |
|---------|---------|
| Width | 1090 mm |
| Weight* | 455 kg |

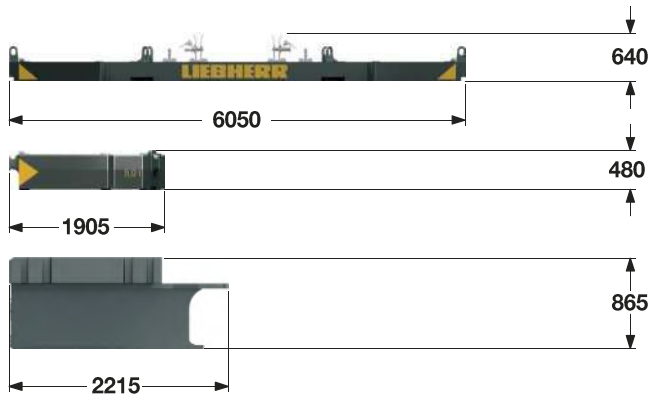
Fixed jib foot with A-frame (No. 1008.20)

| | |
|---------|---------|
| Width | 2200 mm |
| Weight* | 1995 kg |

*) Including pendant straps

Transport dimensions and weights

Counterweight



Counterweight **1x**

| | |
|--------|----------|
| Width | 1360 mm |
| Weight | 12000 kg |

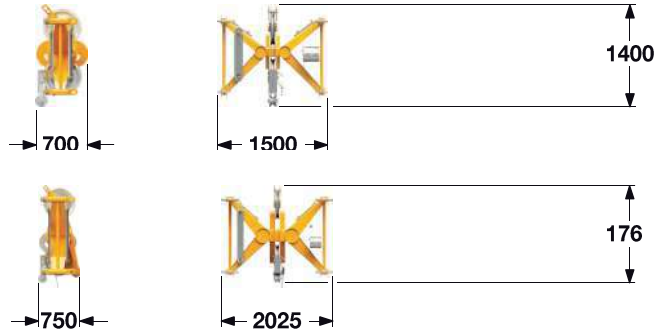
Counterweight **10x**

| | |
|--------|---------|
| Width | 1350 mm |
| Weight | 5000 kg |

Carbody counterweight **2x**

| | |
|--------|----------|
| Width | 3030 mm |
| Weight | 10000 kg |

Mid fall (option)



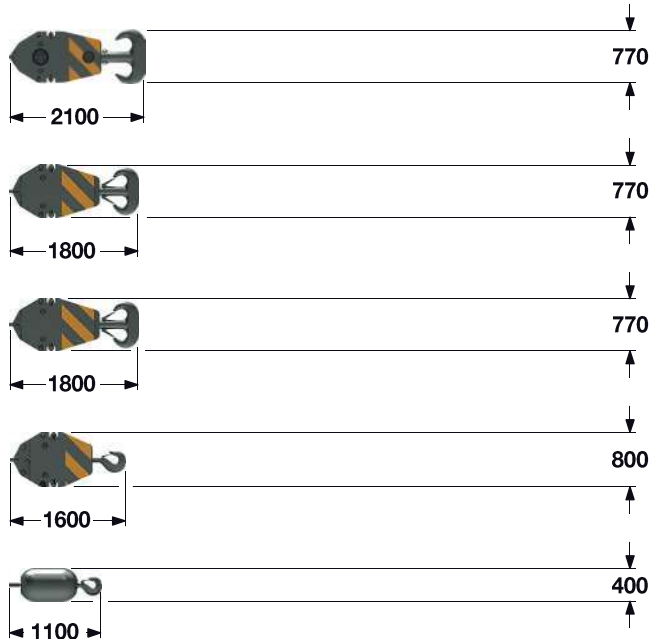
Mid fall section (No. 1309.32) **0.35 m**

| | |
|--------|--------|
| Width | 700 mm |
| Weight | 270 kg |

Mid fall section (No. 1713.31) **0.5 m**

| | |
|--------|--------|
| Width | 700 mm |
| Weight | 385 kg |

Hooks



160 t hook block – 7 sheaves

| | | | |
|--------|------|------|---------|
| Width | 640 | 760 | 880 mm |
| Weight | 1500 | 2250 | 3000 kg |

100 t hook block – 5 sheaves

| | | | |
|--------|------|------|---------|
| Width | 540 | 640 | 700 mm |
| Weight | 1300 | 1800 | 2300 kg |

80 t hook block – 3 sheaves

| | | | |
|--------|------|------|---------|
| Width | 360 | 460 | 560 mm |
| Weight | 1000 | 1500 | 2000 kg |

40 t hook block – 1 sheave

| | | | |
|--------|-----|------|---------|
| Width | 300 | 400 | 500 mm |
| Weight | 700 | 1100 | 1500 kg |

12.5 t single hook

| | |
|--------|--------|
| Width | 400 mm |
| Weight | 600 kg |

Technical description



Engine

Power rating according to ISO 9249, 230 kW (308 hp) at 1700 rpm
Engine type — Liebherr D 944 A7-04
Fuel tank — 790 l capacity with continuous level indicator and reserve warning
Engine complies with NRMM exhaust certification EPA/CARB Tier 4f and 97/68 EC Stage IV.



Hydraulic system

A double axial displacement pump supplies the open loop hydraulic system, allowing all functions to be operated 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 (biodegradable) oils is possible.
Working pressure — max. 350 bar
Oil tank capacity — 650 l



Luffing jib winch

Line pull — max. 105 kN
Rope diameter — 20 mm
Jib luffing — 46 sec. from 15° to 78°



Boom winch

Line pull — max. 217 kN
Rope diameter — 24 mm
Boom up — 119 sec. from 15° to 86°



Crawlers

Propulsion through axial piston motor, hydraulically released spring loaded multi-disc brake, crawler tracks, hydraulic chain tensioning device.
Track pads — 1000 mm
Drive speed — 0 – 1.5 km/h



Swing

Consists of rollerbearing with external teeth, swing drive 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 – 3 rpm continuously variable.



Main winches

Line pull (7th layer) — 120 kN
Rope diameter — 26 mm
Drum diameter — 580 mm
Rope speed — 0 – 136 m/min
Rope capacity in 7 layers — 489 m
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 provided 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.

Option – winch with free-fall system:

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 high resolution monitor in the operator's cab in the required language.
The electro-hydraulic proportional control allows several movements to be performed simultaneously. This ensures that all categories of loads can be positioned with utmost precision.

Option:

GSM/GPRS telematics module

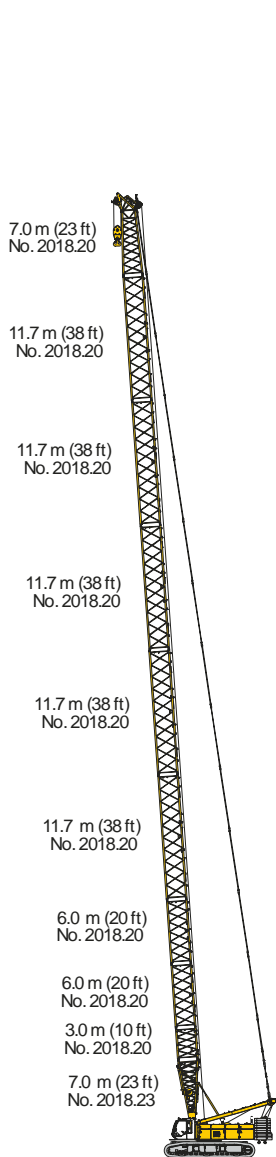


Noise emission

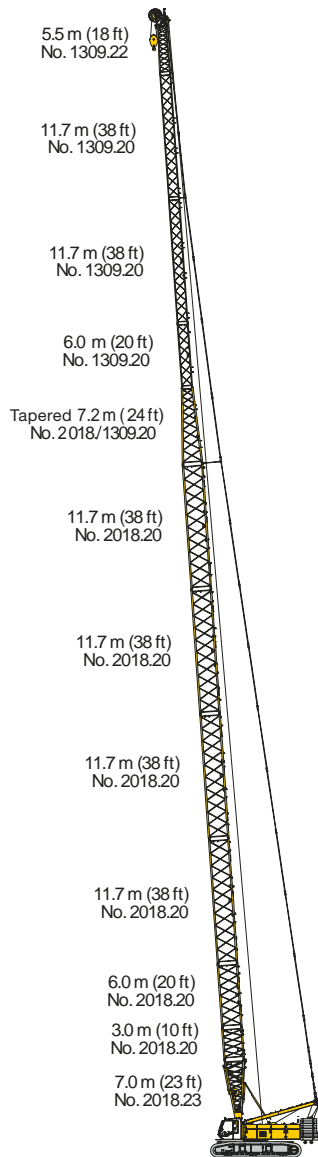
Noise emissions correspond with 2000/14/EC directive.

Guaranteed sound pressure level L_{PA} in the cabin — ≤ 69.9 dB(A)
Guaranteed sound power level L_{WA} — < 105 dB(A)
Vibration transmitted to the hand-arm system of the machine operator — < 2.5 m/s²
Vibration transmitted to the whole body of the machine operator — < 0.5 m/s²

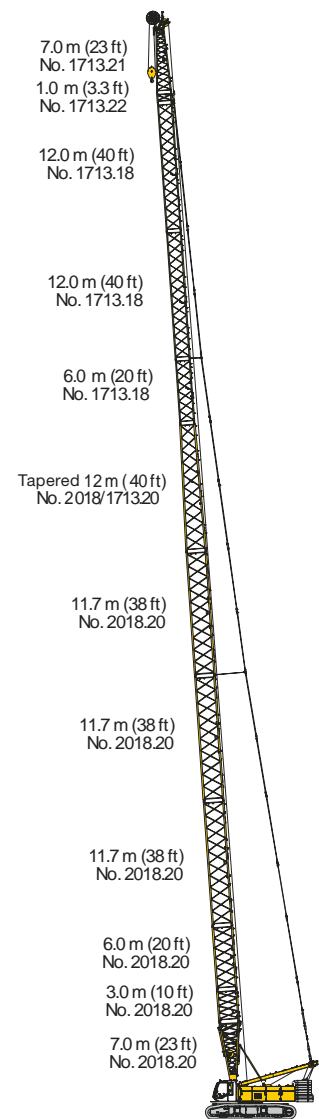
Boom combinations



Main boom No. 2018.xx — 87.5 m



Max. combination — 104.9 m
 Main boom No. 2018.xx — 62.8 m
 Tapered
 No. 2018/1309.xx — 7.2 m
 Luffing jib
 No. 1309.xx — 34.9 m



Max. combination — 101.1 m
 Main boom No. 2018.xx — 51.1 m
 Tapered
 No. 2018/1713.xx — 12 m
 Luffing jib
 No. 1713.xx — 38 m

Boom combinations



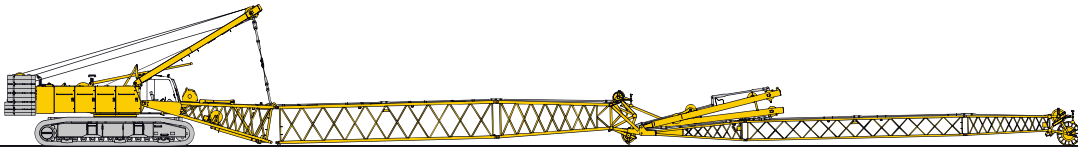
| | |
|-----------------------|---------|
| Max. combination | 107.5 m |
| Main boom No. 2018.xx | 75.5 m |
| Fixed jib No. 0806.xx | 32 m |
| Main boom No. 2018.xx | 68 m |
| Fixed jib No. 0806.xx | 32 m |

| | |
|-----------------------|--------|
| Max. combination | 92.8 m |
| Main boom No. 2018.xx | 66.8 m |
| Fixed jib No. 1008.xx | 26 m |
| Main boom No. 2018.xx | 69.8 m |
| Fixed jib No. 1008.xx | 20 m |

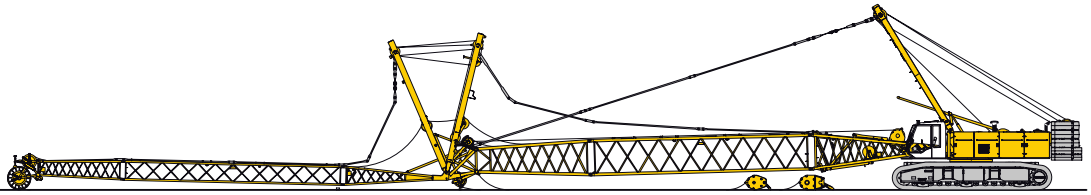
| | |
|-------------------------|---------|
| Max. combination | 133.6 m |
| Main boom No. 2018.xx | 55.1 m |
| Luffing jib No. 1309.xx | 78.5 m |
| Main boom No. 2018.xx | 58.1 m |
| Luffing jib No. 1309.xx | 66.8 m |

| | |
|-------------------------|---------|
| Max. combination | 135.1 m |
| Main boom No. 2018.xx | 52.1 m |
| Luffing jib No. 1713.xx | 83 m |
| Main boom No. 2018.xx | 58.1 m |
| Luffing jib No. 1713.xx | 50 m |

Erecting of main boom to working position



Assembly of boom



Reeving of hoist and luffing jib ropes

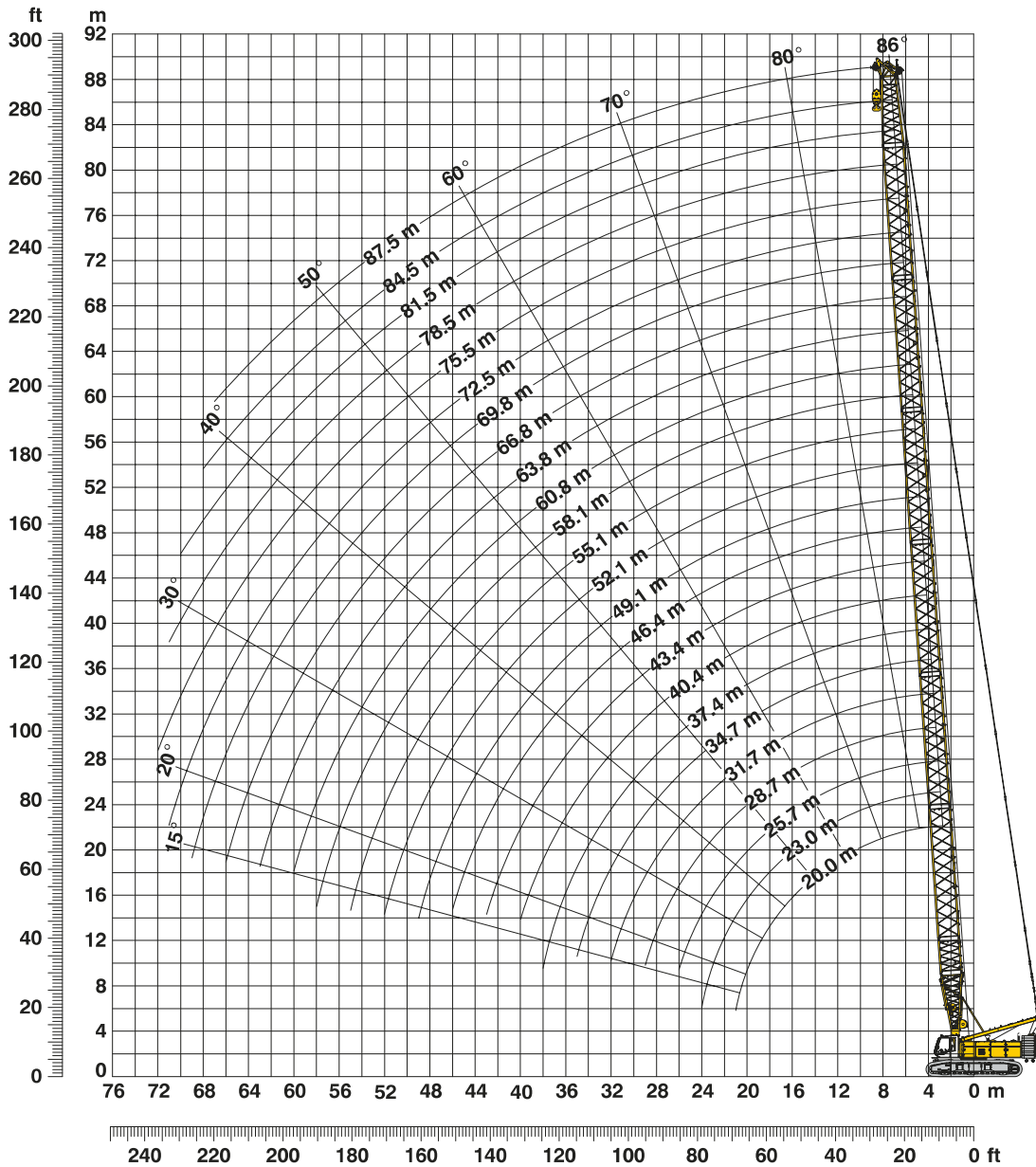


Erecting of main boom and luffing jib

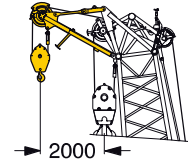
Working position

Main boom 86° - 15° (No. 2018.xx)

62.3 t counterweight and 20 t carbody counterweight



Auxiliary jib 24 t



The maximum capacity of the auxiliary jib is 24 t.
The corresponding load chart is programmed in the LMI system.

Main boom configuration (Table 1 - No. 2018.xx)

Configuration for boom lengths between 20 m and 87.5 m

| | Length | Amount of boom extensions | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|--------|---------------------------|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Boom foot | 7 m | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| Boom insert | 3 m | | 1 | | 1 | | | | 1 | | | | 1 | | | | 1 | | | | 1 | | | | |
| Boom insert | 6 m | 1 | 1 | | | 1 | 1 | | | 1 | 1 | | | 1 | 1 | | | 1 | 1 | | | 1 | 1 | | |
| Boom insert | 11.7 m | | | | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | | |
| Boom head | 7 m | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| Boom length (m) | | 20 | 23 | 25.7 | 28.7 | 31.7 | 34.7 | 37.4 | 40.4 | 43.4 | 46.4 | 49.1 | 52.1 | 55.1 | 58.1 | 60.8 | 63.8 | 66.8 | 69.8 | 72.5 | 75.5 | 78.5 | 81.5 | 84.5 | 87.5 |

Lift chart for main boom (No. 2018.xx)

62.3 t counterweight and 20 t carbody counterweight

TLT 10576404 - M118422

Capacities in metric tonnes for boom lengths (20 m - 87.5 m) – with 120 kN winches

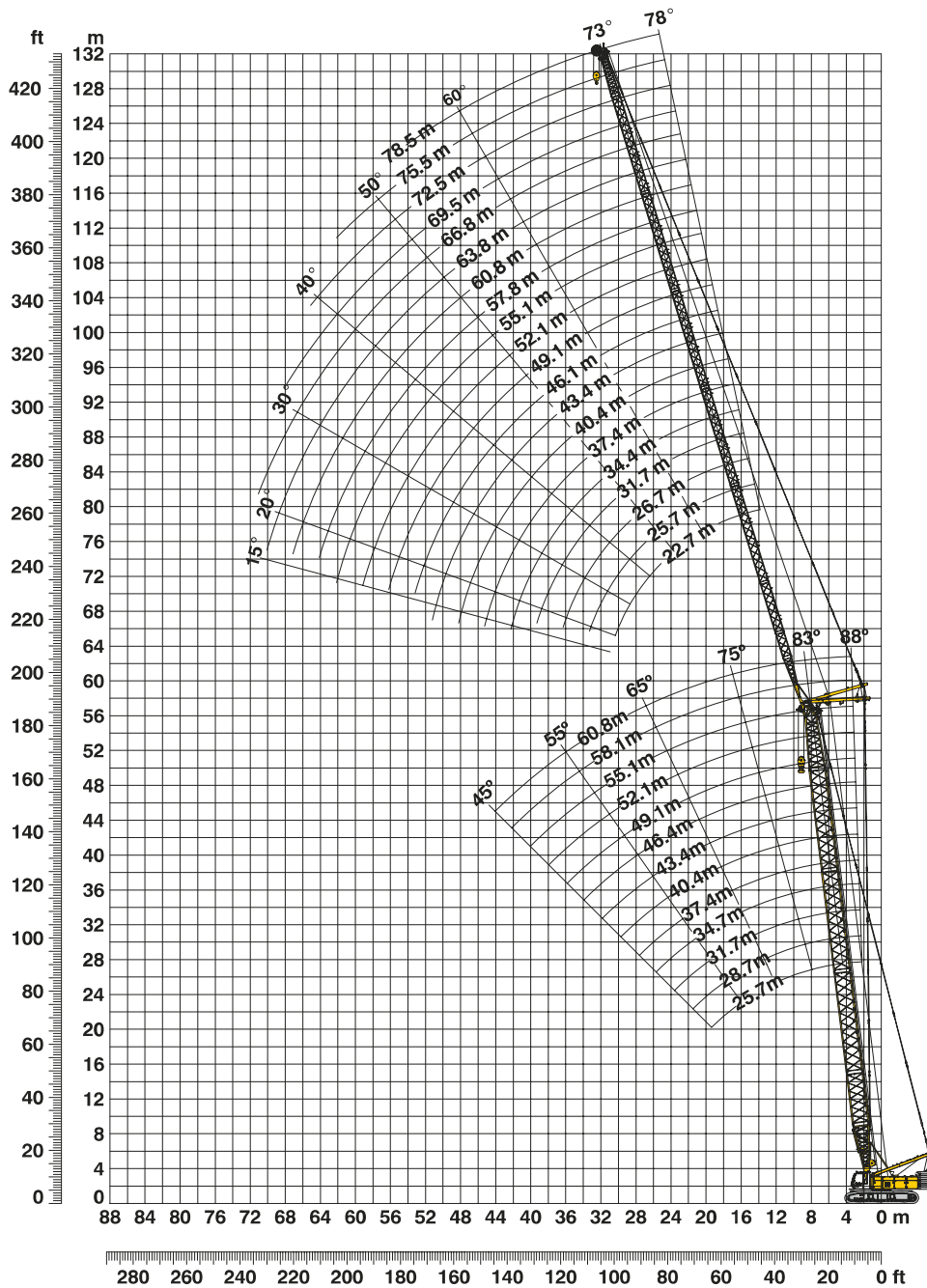
| Radius (m) | Boom length in (m) | | | | | | | | | | | | Radius (m) | |
|---------------|--------------------|-------|-------|-------|------|------|------|------|------|------|------|------|---------------|-----|
| | 20 | 28.7 | 34.7 | 40.4 | 46.4 | 52.1 | 58.1 | 63.8 | 69.8 | 75.5 | 81.5 | 87.5 | | |
| | t | t | t | t | t | t | t | t | t | t | t | t | t | |
| 3.9 | 160.0* | | | | | | | | | | | | | 3.9 |
| 4.5 | 137.2 | 137.2 | | | | | | | | | | | | 4.5 |
| 5 | 137.2 | 136.6 | 126.4 | | | | | | | | | | | 5 |
| 6 | 137.2 | 132.0 | 122.7 | 105.1 | 86.4 | | | | | | | | | 6 |
| 7 | 125.4 | 117.5 | 110.4 | 99.5 | 83.4 | 69.7 | 58.0 | 46.7 | | | | | | 7 |
| 8 | 111.7 | 101.4 | 95.3 | 90.1 | 79.0 | 66.9 | 56.4 | 46.4 | 37.9 | 31.6 | | | | 8 |
| 9 | 96.5 | 88.6 | 83.7 | 79.5 | 73.6 | 64.0 | 54.1 | 44.9 | 37.1 | 31.4 | 26.1 | 21.9 | | 9 |
| 10 | 84.5 | 78.5 | 74.6 | 71.1 | 67.7 | 60.9 | 51.9 | 43.4 | 36.0 | 30.6 | 25.5 | 21.7 | | 10 |
| 12 | 64.9 | 63.8 | 61.0 | 58.5 | 56.0 | 53.8 | 47.5 | 39.8 | 33.8 | 29.1 | 24.2 | 20.7 | | 12 |
| 14 | 52.4 | 52.4 | 51.4 | 49.5 | 47.6 | 45.8 | 43.1 | 36.1 | 31.7 | 27.7 | 23.0 | 19.6 | | 14 |
| 16 | 43.8 | 43.7 | 43.5 | 42.8 | 41.2 | 39.7 | 38.3 | 33.2 | 29.6 | 26.3 | 21.7 | 18.4 | | 16 |
| 18 | 37.4 | 37.3 | 37.2 | 37.0 | 36.1 | 34.9 | 33.7 | 30.4 | 27.7 | 25.0 | 20.6 | 17.3 | | 18 |
| 20 | 32.4 | 32.5 | 32.3 | 32.1 | 31.9 | 31.1 | 29.9 | 27.7 | 25.7 | 23.8 | 19.6 | 16.4 | | 20 |
| 22 | | 28.6 | 28.4 | 28.3 | 28.0 | 27.8 | 26.9 | 25.4 | 23.8 | 22.5 | 18.7 | 15.6 | | 22 |
| 24 | | 25.5 | 25.3 | 25.1 | 24.9 | 24.6 | 24.3 | 23.5 | 22.2 | 21.3 | 17.7 | 14.9 | | 24 |
| 26 | | 22.9 | 22.7 | 22.6 | 22.3 | 22.0 | 21.7 | 21.3 | 20.5 | 19.7 | 16.8 | 14.1 | | 26 |
| 28 | | 20.7 | 20.5 | 20.4 | 20.1 | 19.9 | 19.6 | 19.3 | 18.7 | 18.0 | 16.0 | 13.3 | | 28 |
| 30 | | | 18.7 | 18.5 | 18.2 | 18.0 | 17.7 | 17.4 | 17.1 | 16.4 | 15.2 | 12.9 | | 30 |
| 32 | | | 17.1 | 16.9 | 16.6 | 16.4 | 16.1 | 15.8 | 15.5 | 15.1 | 14.3 | 12.4 | | 32 |
| 34 | | | 15.6 | 15.5 | 15.2 | 15.0 | 14.7 | 14.4 | 14.1 | 13.8 | 13.1 | 11.9 | | 34 |
| 36 | | | | 14.3 | 14.0 | 13.8 | 13.5 | 13.2 | 12.9 | 12.6 | 12.0 | 11.3 | | 36 |
| 38 | | | | 13.2 | 12.9 | 12.7 | 12.4 | 12.1 | 11.8 | 11.5 | 11.0 | 10.3 | | 38 |
| 40 | | | | 12.2 | 12.0 | 11.8 | 11.5 | 11.2 | 10.9 | 10.6 | 10.1 | 9.5 | | 40 |
| 42 | | | | | 11.1 | 10.9 | 10.6 | 10.3 | 10.0 | 9.7 | 9.3 | 8.7 | | 42 |
| 44 | | | | | 10.3 | 10.1 | 9.8 | 9.5 | 9.2 | 8.9 | 8.6 | 8.0 | | 44 |
| 46 | | | | | 9.5 | 9.4 | 9.1 | 8.8 | 8.5 | 8.2 | 7.9 | 7.3 | | 46 |
| 48 | | | | | | 8.7 | 8.4 | 8.1 | 7.8 | 7.5 | 7.2 | 6.7 | | 48 |
| 50 | | | | | | 8.1 | 7.8 | 7.5 | 7.2 | 6.9 | 6.6 | 6.2 | | 50 |
| 55 | | | | | | | 6.5 | 6.2 | 5.9 | 5.6 | 5.3 | 4.9 | | 55 |
| 60 | | | | | | | | 5.1 | 4.8 | 4.5 | 4.2 | 3.8 | | 60 |
| 65 | | | | | | | | | 3.9 | 3.6 | 3.3 | 2.9 | | 65 |
| 70 | | | | | | | | | | 2.8 | 2.5 | 2.2 | | 70 |
| 75 | | | | | | | | | | 2.1 | | | | 75 |

Above lift chart is for reference only. For actual lift duty please refer to lift chart in operator's cab or manual.

*) Capacities over 140 t require a special heavy duty boom head.

Working range - luffing jib 78° - 15° (No. 1309.xx)

Main boom 88° - 45°



Boom configuration for main boom lengths (25.7 m – 60.8 m) – see table 1 on page 12

Jib configuration for jib lengths (22.7 m – 78.5 m)

| Length | Amount of luffing jib extensions | | | | | | | | | | | | | | | | | | | |
|------------------------|----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 22.7 | 25.7 | 28.7 | 31.7 | 34.4 | 37.4 | 40.4 | 43.4 | 46.1 | 49.1 | 52.1 | 55.1 | 57.8 | 60.8 | 63.8 | 66.8 | 69.5 | 72.5 | 75.5 | 78.5 |
| Luffing jib foot | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Luffing jib insert | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Luffing jib insert | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Luffing jib insert | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 |
| Luffing jib head | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Luffing jib length (m) | 22.7 | 25.7 | 28.7 | 31.7 | 34.4 | 37.4 | 40.4 | 43.4 | 46.1 | 49.1 | 52.1 | 55.1 | 57.8 | 60.8 | 63.8 | 66.8 | 69.5 | 72.5 | 75.5 | 78.5 |

Lift chart - luffing jib (No. 1309.xx)

Main boom 88°

TLT 10576404 - M118422

Main boom 25.7 m

| Radius (m) | Jib length (m) | | | | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | 69.5 t | 78.5 t |
| 8.6 | 47.4 | | | | | | | |
| 10 | 46.8 | 35.4 | | | | | | |
| 11 | 44.2 | 34.5 | 27.1 | | | | | |
| 13 | 37.6 | 32.7 | 26.1 | 20.8 | | | | |
| 15 | 31.6 | 29.4 | 24.8 | 19.9 | 13.6 | | | |
| 16 | 28.6 | 27.0 | 24.4 | 19.3 | 13.3 | 10.7 | | |
| 19 | 22.3 | 21.2 | 20.1 | 17.6 | 12.3 | 10.0 | 6.0 | |
| 22 | 17.6 | 16.9 | 16.5 | 15.4 | 11.5 | 9.3 | 5.7 | 3.6 |
| 30 | | 11.6 | 10.9 | 10.5 | 9.3 | 8.2 | 5.1 | 3.1 |
| 36 | | | 9.0 | 8.6 | 7.7 | 7.1 | 4.7 | 2.7 |
| 42 | | | | 7.1 | 6.4 | 6.0 | 4.3 | 2.5 |
| 50 | | | | | 5.0 | 4.7 | 3.7 | 2.2 |
| 55 | | | | | | 4.0 | 3.0 | 2.0 |
| 65 | | | | | | | 2.1 | |

Main boom 37.4 m

| Radius (m) | Jib length (m) | | | | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | 69.5 t | 78.5 t |
| 9 | 39.8 | | | | | | | |
| 11 | 37.4 | 30.2 | | | | | | |
| 12 | 34.3 | 29.4 | 23.6 | | | | | |
| 13 | 31.6 | 28.0 | 23.1 | 18.3 | | | | |
| 15 | 27.3 | 25.3 | 22.0 | 17.6 | 12.4 | | | |
| 16 | 25.0 | 23.2 | 21.5 | 17.2 | 12.2 | 9.8 | | |
| 19 | 20.0 | 18.8 | 17.6 | 15.9 | 11.4 | 9.3 | 5.6 | |
| 22 | 16.2 | 15.2 | 14.6 | 13.1 | 10.7 | 8.7 | 5.3 | 3.5 |
| 30 | | 10.8 | 10.1 | 9.5 | 8.4 | 7.8 | 4.8 | 2.9 |
| 36 | | | 8.4 | 7.7 | 6.9 | 6.4 | 4.4 | 2.6 |
| 40 | | | | 6.9 | 6.1 | 5.7 | 4.1 | 2.5 |
| 50 | | | | | 4.6 | 4.3 | 3.3 | 2.1 |
| 55 | | | | | | 3.7 | 2.7 | |
| 60 | | | | | | | 2.2 | |

Main boom 43.4 m

| Radius (m) | Jib length (m) | | | | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | 69.5 t | 78.5 t |
| 9.2 | 35.1 | | | | | | | |
| 11 | 33.3 | 27.5 | | | | | | |
| 12 | 30.5 | 26.8 | 21.7 | | | | | |
| 13 | 28.2 | 25.6 | 21.4 | 16.9 | | | | |
| 15 | 24.1 | 22.7 | 20.0 | 16.3 | 11.7 | | | |
| 16 | 22.4 | 20.9 | 19.3 | 16.0 | 11.6 | 9.3 | | |
| 19 | 18.2 | 17.1 | 16.1 | 15.0 | 10.8 | 8.9 | 5.3 | |
| 22 | 15.1 | 14.0 | 13.6 | 12.3 | 10.2 | 8.3 | 5.1 | 3.4 |
| 26 | 12.5 | 11.7 | 10.9 | 10.1 | 9.0 | 7.8 | 4.8 | 3.1 |
| 32 | | 9.4 | 9.0 | 8.1 | 7.3 | 6.9 | 4.5 | 2.8 |
| 36 | | | 8.0 | 7.3 | 6.4 | 6.0 | 4.3 | 2.6 |
| 42 | | | | 6.1 | 5.4 | 5.0 | 3.7 | 2.4 |
| 50 | | | | | 4.4 | 4.0 | 3.0 | 2.1 |
| 55 | | | | | | 3.4 | 2.4 | |

Main boom 55.1 m

| Radius (m) | Jib length (m) | | | | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | 69.5 t | 78.5 t |
| 9.6 | 26.3 | | | | | | | |
| 11 | 25.3 | 21.4 | | | | | | |
| 13 | 22.4 | 20.1 | 17.4 | | | | | |
| 14 | 20.7 | 18.8 | 17.0 | 14.0 | | | | |
| 16 | 18.3 | 16.7 | 15.3 | 13.5 | 10.0 | | | |
| 17 | 17.0 | 15.6 | 14.7 | 12.9 | 9.8 | 8.2 | | |
| 20 | 14.4 | 13.0 | 12.1 | 11.4 | 9.2 | 7.8 | 4.7 | |
| 22 | 12.9 | 11.6 | 11.2 | 10.1 | 8.8 | 7.5 | 4.5 | 3.0 |
| 32 | | 7.7 | 7.6 | 6.9 | 6.1 | 5.7 | 4.0 | 2.5 |
| 38 | | | 6.0 | 5.9 | 5.1 | 4.6 | 3.6 | 2.3 |
| 42 | | | | 5.4 | 4.6 | 4.1 | 3.1 | 2.2 |
| 44 | | | | | 4.4 | 3.9 | 2.8 | 2.0 |
| 50 | | | | | | 3.7 | 3.3 | 2.3 |
| 55 | | | | | | | 2.9 | |

Main boom 58.1 m

| Radius (m) | Jib length (m) | | | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | 66.8 t |
| 9.7 | 24.2 | | | | | | |
| 11 | 23.2 | 19.1 | | | | | |
| 13 | 20.9 | 18.6 | 15.8 | | | | |
| 14 | 19.4 | 17.5 | 15.5 | 13.0 | | | |
| 16 | 17.3 | 15.7 | 14.3 | 12.5 | 9.6 | | |
| 17 | 16.1 | 14.7 | 13.7 | 12.0 | 9.4 | 7.8 | |
| 19 | 14.4 | 13.1 | 12.1 | 11.2 | 9.0 | 7.6 | 4.7 |
| 22 | 12.1 | 11.0 | 10.4 | 9.7 | 8.4 | 7.2 | 4.4 |
| 26 | 10.3 | 9.4 | 8.6 | 8.1 | 7.1 | 6.5 | 4.2 |
| 32 | | 7.9 | 7.3 | 6.6 | 5.8 | 5.4 | 3.8 |
| 38 | | | 6.0 | 5.7 | 4.9 | 4.4 | 3.4 |
| 42 | | | | 5.2 | 4.3 | 3.9 | 2.9 |
| 50 | | | | | 3.6 | 3.1 | 2.2 |
| 55 | | | | | | 2.7 | |

Main boom 60.8 m

| Radius (m) | Jib length (m) | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t |
| 9.8 | 22.4 | | | | |
| 12 | 20.5 | 18.0 | | | |
| 13 | 19.5 | 17.4 | 15.2 | | |
| 14 | 18.3 | 16.4 | 14.7 | 11.0 | |
| 16 | 16.4 | 14.8 | 13.4 | 10.3 | 8.2 |
| 17 | 15.4 | 13.8 | 12.9 | 10.1 | 8.0 |
| 18 | 14.5 | 13.1 | 12.2 | 9.9 | 7.8 |
| 20 | 13.1 | 11.7 | 10.9 | 9.4 | 7.5 |
| 22 | 11.9 | 10.4 | 9.9 | 8.7 | 7.3 |
| 26 | 10.2 | 9.0 | 8.3 | 7.5 | 6.5 |
| 32 | | 7.6 | 7.0 | 6.2 | 5.4 |
| 38 | | | 5.7 | 5.2 | 4.5 |
| 44 | | | | 4.3 | 3.8 |
| 50 | | | | | 3.3 |

Capacities in metric tonnes with luffing jib (No. 1309.xx), 62.3 t counterweight + 20 t carbody counterweight. Above lift chart is for reference only. For actual lift duty and complete chart with all available configurations please refer to lift chart in operator's cab or manual.

Lift chart - luffing jib (No. 1309.xx)

Main boom 83°

TLT 10576404 - M118422

Main boom 25.7 m

| Radius (m) | Jib length (m) | | | | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | 69.5 t | 78.5 t |
| 12.8 | 44.1 | | | | | | | |
| 15 | 39.9 | 32.4 | | | | | | |
| 17 | 36.0 | 30.8 | 24.6 | | | | | |
| 18 | 32.5 | 29.8 | 24.0 | 18.9 | | | | |
| 22 | 22.8 | 23.0 | 21.8 | 17.4 | 11.9 | | | |
| 24 | 19.2 | 19.6 | 19.5 | 16.5 | 11.4 | 9.2 | | |
| 28 | 12.1 | 15.8 | 15.7 | 14.7 | 10.7 | 8.7 | 5.4 | |
| 32 | | 13.2 | 13.1 | 13.0 | 10.1 | 8.3 | 5.1 | 3.1 |
| 38 | | | 10.2 | 10.3 | 9.2 | 7.6 | 4.7 | 2.7 |
| 44 | | | | 8.2 | 7.9 | 6.9 | 4.3 | 2.5 |
| 50 | | | | | 6.5 | 6.2 | 4.0 | 2.3 |
| 55 | | | | | | 5.3 | 3.7 | 2.1 |
| 60 | | | | | | | 3.4 | 2.0 |
| 70 | | | | | | | 2.5 | |

Main boom 37.4 m

| Radius (m) | Jib length (m) | | | | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | 69.5 t | 78.5 t |
| 14.2 | 36.7 | | | | | | | |
| 16 | 34.0 | 27.9 | | | | | | |
| 18 | 30.4 | 26.9 | 21.5 | | | | | |
| 20 | 25.6 | 24.5 | 20.8 | 16.5 | | | | |
| 22 | 22.0 | 21.9 | 19.7 | 15.8 | 11.1 | | | |
| 24 | 19.1 | 18.7 | 18.9 | 15.1 | 10.8 | 8.7 | | |
| 28 | 15.4 | 15.0 | 14.7 | 13.5 | 10.2 | 8.3 | 5.1 | |
| 34 | | 11.8 | 11.6 | 11.1 | 9.3 | 7.8 | 4.8 | 2.9 |
| 38 | | | 10.1 | 9.6 | 8.7 | 7.3 | 4.5 | 2.7 |
| 46 | | | | 7.2 | 7.0 | 6.4 | 4.1 | 2.4 |
| 50 | | | | | 6.2 | 5.8 | 3.9 | 2.2 |
| 55 | | | | | | 5.1 | 3.6 | 2.1 |
| 60 | | | | | | 4.2 | 3.3 | |
| 70 | | | | | | | 2.4 | |

Main boom 43.4 m

| Radius (m) | Jib length (m) | | | | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | 69.5 t | 78.5 t |
| 14.9 | 31.1 | | | | | | | |
| 17 | 28.5 | 24.8 | | | | | | |
| 19 | 25.8 | 23.2 | 19.6 | | | | | |
| 22 | 20.7 | 20.2 | 18.0 | 14.9 | | | | |
| 24 | 18.3 | 17.5 | 16.7 | 14.3 | 10.3 | | | |
| 26 | 16.2 | 15.5 | 15.3 | 13.6 | 10.0 | 8.2 | | |
| 30 | 12.0 | 13.1 | 12.8 | 11.9 | 9.6 | 7.8 | 4.9 | |
| 32 | | 12.3 | 11.8 | 10.9 | 9.4 | 7.7 | 4.7 | 3.0 |
| 34 | | 11.4 | 11.0 | 10.3 | 8.9 | 7.5 | 4.6 | 2.9 |
| 40 | | | 9.0 | 8.5 | 7.8 | 6.9 | 4.3 | 2.6 |
| 46 | | | | 7.0 | 6.5 | 6.1 | 4.0 | 2.4 |
| 55 | | | | | 4.9 | 4.8 | 3.4 | 2.1 |
| 60 | | | | | | 4.0 | 3.1 | |
| 70 | | | | | | | 2.2 | |

Main boom 55.1 m

| Radius (m) | Jib length (m) | | | | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | 69.5 t | 78.5 t |
| 16.4 | 21.5 | | | | | | | |
| 19 | 19.2 | 17.2 | | | | | | |
| 20 | 18.4 | 16.5 | 14.6 | | | | | |
| 22 | 16.7 | 15.0 | 13.7 | 12.0 | | | | |
| 26 | 14.1 | 12.8 | 11.9 | 10.7 | 8.8 | 7.3 | | |
| 30 | 12.2 | 11.1 | 10.4 | 9.7 | 8.2 | 7.1 | | |
| 32 | | 10.5 | 9.8 | 9.1 | 7.9 | 6.9 | 4.2 | |
| 36 | | 9.2 | 8.7 | 8.1 | 7.2 | 6.6 | 4.1 | 2.6 |
| 42 | | | 7.3 | 6.9 | 6.2 | 5.7 | 3.8 | 2.3 |
| 48 | | | | 5.8 | 5.2 | 4.8 | 3.5 | 2.1 |
| 50 | | | | | 5.0 | 4.6 | 3.4 | 2.0 |
| 55 | | | | | 4.3 | 4.0 | 3.0 | |
| 60 | | | | | | 3.4 | 2.5 | |
| 65 | | | | | | | 2.0 | |

Main boom 58.1 m

| Radius (m) | Jib length (m) | | | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | 66.8 t |
| 16.7 | 19.4 | | | | | | |
| 19 | 17.7 | 15.8 | | | | | |
| 22 | 15.6 | 13.9 | 12.6 | 11.0 | | | |
| 26 | 13.4 | 12.0 | 11.0 | 9.9 | 8.2 | | |
| 28 | 12.5 | 11.3 | 10.4 | 9.4 | 8.0 | 6.9 | |
| 30 | 11.7 | 10.6 | 9.8 | 9.0 | 7.6 | 6.7 | 4.3 |
| 34 | | 9.4 | 8.8 | 8.1 | 7.1 | 6.3 | 4.1 |
| 36 | | 8.9 | 8.3 | 7.7 | 6.7 | 6.1 | 4.0 |
| 42 | | | 7.1 | 6.5 | 5.8 | 5.3 | 3.8 |
| 44 | | | | 6.2 | 5.5 | 5.1 | 3.6 |
| 46 | | | | 5.9 | 5.2 | 4.8 | 3.5 |
| 50 | | | | | 4.7 | 4.3 | 3.3 |
| 55 | | | | | 4.1 | 3.7 | 2.8 |
| 60 | | | | | | 3.2 | 2.3 |

Main boom 60.8 m

| Radius (m) | Jib length (m) | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t |
| 17.1 | 17.8 | | | | |
| 19 | 16.6 | 14.4 | | | |
| 22 | 14.6 | 12.9 | 11.7 | | |
| 24 | 13.5 | 11.9 | 10.9 | 9.1 | |
| 26 | 12.7 | 11.1 | 10.2 | 8.7 | 7.1 |
| 28 | 12.0 | 10.6 | 9.7 | 8.3 | 6.9 |
| 30 | 11.3 | 10.0 | 9.2 | 8.0 | 6.7 |
| 32 | 9.0 | 9.5 | 8.8 | 7.6 | 6.4 |
| 36 | | 8.5 | 7.9 | 7.0 | 6.0 |
| 38 | | 7.6 | 7.6 | 6.6 | 5.7 |
| 42 | | | 6.8 | 5.9 | 5.3 |
| 46 | | | | 5.4 | 4.7 |
| 48 | | | | 5.1 | 4.4 |
| 55 | | | | | 3.7 |

Capacities in metric tonnes with luffing jib (No. 1309.xx), 62.3 t counterweight + 20 t carbody counterweight. Above lift chart is for reference only. For actual lift duty and complete chart with all available configurations please refer to lift chart in operator's cab or manual.

Lift chart - luffing jib (No. 1309.xx)

Main boom 75°

TLT 10576404 - M118422

| Main boom 25.7 m | | | | | | | | | Main boom 37.4 m | | | | | | | | |
|------------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Radius (m) | Jib length (m) | | | | | | | | Radius (m) | Jib length (m) | | | | | | | |
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | 69.5 t | 78.5 t | | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | 69.5 t | 78.5 t |
| 19.2 | 24.0 | | | | | | | | 21.6 | 27.8 | | | | | | | |
| 22 | 29.3 | 28.6 | | | | | | | 26 | 23.1 | 22.4 | | | | | | |
| 26 | 23.9 | 23.7 | 21.5 | | | | | | 28 | 21.1 | 20.8 | 19.9 | | | | | |
| 28 | 21.8 | 21.6 | 20.7 | 16.7 | | | | | 30 | 19.4 | 19.2 | 18.8 | 15.2 | | | | |
| 30 | 19.5 | 19.4 | 18.5 | 15.7 | | | | | 32 | 17.9 | 17.7 | 17.4 | 14.5 | | | | |
| 32 | | 17.5 | 17.0 | 14.9 | 10.7 | | | | 36 | | 15.3 | 15.1 | 13.0 | 10.1 | 8.1 | | |
| 36 | | 14.8 | 14.2 | 13.4 | 10.2 | 8.2 | | | 38 | | 14.3 | 14.1 | 12.4 | 9.9 | 7.9 | | |
| 40 | | | 12.4 | 11.6 | 9.7 | 7.8 | 4.8 | | 42 | | | 12.4 | 11.0 | 9.6 | 7.6 | 4.6 | |
| 42 | | | 11.5 | 10.9 | 9.4 | 7.6 | 4.7 | | 46 | | | | 9.9 | 9.0 | 7.3 | 4.4 | 2.5 |
| 44 | | | | 10.3 | 8.9 | 7.4 | 4.5 | 2.6 | 50 | | | | 8.8 | 8.3 | 6.9 | 4.2 | 2.4 |
| 48 | | | | 9.2 | 8.2 | 7.0 | 4.3 | 2.4 | 55 | | | | | 7.4 | 6.5 | 3.9 | 2.2 |
| 55 | | | | | 6.9 | 6.2 | 4.0 | 2.2 | 60 | | | | | | 5.9 | 3.7 | 2.1 |
| 60 | | | | | | | 5.5 | 3.7 | 65 | | | | | | 4.7 | 3.5 | |
| 75 | | | | | | | | 3.0 | 75 | | | | | | | 3.1 | |

| Main boom 43.4 m | | | | | | | | | Main boom 55.1 m | | | | | | | | |
|------------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Radius (m) | Jib length (m) | | | | | | | | Radius (m) | Jib length (m) | | | | | | | |
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | 69.5 t | 78.5 t | | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | 69.5 t | 78.5 t |
| 23.8 | 22.4 | | | | | | | | 26.9 | 15.2 | | | | | | | |
| 28 | 19.9 | 18.9 | | | | | | | 30 | 14.1 | 12.6 | | | | | | |
| 30 | 18.5 | 17.7 | 16.4 | | | | | | 32 | 13.5 | 12.0 | 10.9 | | | | | |
| 32 | 17.2 | 16.7 | 15.7 | 13.7 | | | | | 36 | 12.5 | 11.0 | 10.1 | 9.1 | | | | |
| 36 | 12.1 | 14.7 | 14.2 | 12.6 | 9.6 | | | | 38 | 12.1 | 10.4 | 9.7 | 8.8 | 7.4 | | | |
| 38 | | 13.7 | 13.5 | 12.1 | 9.5 | 7.5 | | | 42 | | 9.7 | 8.9 | 8.2 | 7.0 | 6.1 | | |
| 40 | | 12.9 | 12.7 | 11.8 | 9.3 | 7.5 | | | 44 | | 9.5 | 8.6 | 7.9 | 6.8 | 6.0 | | |
| 44 | | | 11.2 | 10.6 | 8.9 | 7.2 | 4.3 | | 46 | | | 8.4 | 7.6 | 6.5 | 5.8 | | |
| 46 | | | 10.6 | 10.1 | 8.7 | 7.1 | 4.2 | | 48 | | | 8.2 | 7.3 | 6.3 | 5.6 | 3.6 | |
| 48 | | | | 9.6 | 8.4 | 7.0 | 4.1 | 2.4 | 50 | | | 7.5 | 7.1 | 6.1 | 5.5 | 3.6 | |
| 50 | | | | | 9.1 | 8.2 | 6.9 | 4.0 | 55 | | | | 6.7 | 5.6 | 5.1 | 3.4 | 2.1 |
| 60 | | | | | | 6.6 | 6.0 | 3.6 | 60 | | | | | 5.3 | 4.7 | 3.2 | |
| 65 | | | | | | | | 5.3 | 65 | | | | | | 3.8 | 2.7 | |
| 80 | | | | | | | | 2.9 | 80 | | | | | | | 2.2 | |

| Main boom 58.1 m | | | | | | | | Main boom 60.8 m | | | | | | | | |
|------------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|------------------|----------------|-----------|-----------|-----------|-----------|--|--|--|
| Radius (m) | Jib length (m) | | | | | | | Radius (m) | Jib length (m) | | | | | | | |
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | 66.8 t | | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | | | |
| 27.6 | 13.2 | | | | | | | 28.3 | 11.8 | | | | | | | |
| 32 | 12.3 | 10.8 | | | | | | 30 | 11.8 | | | | | | | |
| 34 | 11.7 | 10.3 | 9.5 | | | | | 32 | 11.2 | 10.0 | | | | | | |
| 36 | 11.3 | 9.9 | 9.1 | 8.2 | | | | 34 | 10.8 | 9.5 | 8.7 | | | | | |
| 38 | 11.0 | 9.5 | 8.7 | 7.9 | | | | 36 | 10.3 | 9.0 | 8.4 | 7.0 | | | | |
| 40 | | 9.1 | 8.4 | 7.6 | 6.5 | | | 38 | 10.0 | 8.6 | 8.0 | 6.8 | | | | |
| 42 | | 8.8 | 8.0 | 7.3 | 6.3 | 5.5 | | 40 | 9.7 | 8.3 | 7.6 | 6.6 | 5.4 | | | |
| 44 | | 8.6 | 7.8 | 7.1 | 6.1 | 5.4 | | 42 | | 8.0 | 7.3 | 6.3 | 5.3 | | | |
| 48 | | | 7.3 | 6.5 | 5.6 | 5.0 | 3.4 | 44 | | 7.8 | 7.0 | 6.2 | 5.1 | | | |
| 50 | | | 7.1 | 6.3 | 5.5 | 4.8 | 3.3 | 46 | | 7.0 | 6.8 | 5.9 | 5.0 | | | |
| 55 | | | | 6.0 | 5.0 | 4.5 | 3.1 | 50 | | | 6.5 | 5.5 | 4.7 | | | |
| 65 | | | | | 4.0 | 3.8 | 2.6 | 55 | | | | 5.1 | 4.3 | | | |
| 70 | | | | | | 3.6 | 2.4 | 65 | | | | | 3.7 | | | |
| 80 | | | | | | | 2.0 | | | | | | | | | |

Capacities in metric tonnes with luffing jib (No. 1309.xx), 62.3 t counterweight + 20 t carbody counterweight. Above lift chart is for reference only. For actual lift duty and complete chart with all available configurations please refer to lift chart in operator's cab or manual.

Lift chart - luffing jib (No. 1309.xx)

Main boom 65°

TLT 10576404 - M118422

Main boom 25.7 m

| Radius (m) | Jib length (m) | | | | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | 69.5 t | 78.5 t |
| 26.8 | 21.7 | | | | | | | |
| 32 | 17.5 | 17.3 | | | | | | |
| 34 | 16.2 | 16.0 | 15.8 | | | | | |
| 38 | | 14.0 | 13.7 | 13.5 | | | | |
| 40 | | 13.1 | 12.7 | 12.7 | | | | |
| 42 | | | 11.8 | 11.9 | 9.5 | | | |
| 44 | | | 11.0 | 11.2 | 9.4 | | | |
| 46 | | | 10.2 | 10.6 | 9.2 | 7.5 | | |
| 48 | | | | 10.0 | 9.0 | 7.4 | | |
| 50 | | | | 9.5 | 8.5 | 7.2 | | |
| 55 | | | | | 7.7 | 6.6 | 4.1 | |
| 60 | | | | | 6.8 | 6.2 | 3.9 | 2.1 |
| 65 | | | | | | 5.5 | 3.6 | 2.0 |
| 70 | | | | | | | 3.4 | |
| 75 | | | | | | | 3.3 | |
| 80 | | | | | | | 3.2 | |

Main boom 37.4 m

| Radius (m) | Jib length (m) | | | | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | 69.5 t | 78.5 t |
| 31.8 | 16.2 | | | | | | | |
| 36 | 13.9 | 13.6 | | | | | | |
| 38 | 13.0 | 12.7 | | | | | | |
| 40 | 12.1 | 12.0 | 11.7 | | | | | |
| 42 | | 11.2 | 11.0 | 10.7 | | | | |
| 44 | | 10.6 | 10.4 | 10.1 | | | | |
| 46 | | 10.0 | 9.8 | 9.5 | | | | |
| 48 | | | 9.2 | 9.0 | 8.6 | | | |
| 50 | | | 8.8 | 8.5 | 8.1 | | | |
| 55 | | | | 7.5 | 7.1 | 6.8 | | |
| 60 | | | | | 6.2 | 6.0 | 3.8 | |
| 65 | | | | | 5.5 | 5.3 | 3.6 | 2.0 |
| 70 | | | | | | 4.7 | 3.5 | |
| 75 | | | | | | | 3.3 | |
| 80 | | | | | | | 3.1 | |
| 85 | | | | | | | 2.7 | |

Main boom 43.4 m

| Radius (m) | Jib length (m) | | | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | 69.5 t |
| 34.3 | 13.9 | | | | | | |
| 38 | 12.3 | 12.0 | | | | | |
| 40 | 11.5 | 11.2 | | | | | |
| 42 | 10.8 | 10.6 | 10.3 | | | | |
| 46 | | 9.4 | 9.2 | 8.9 | | | |
| 48 | | 8.9 | 8.7 | 8.4 | | | |
| 50 | | | 8.2 | 7.9 | 7.5 | | |
| 55 | | | | 6.9 | 6.6 | 6.2 | |
| 60 | | | | 6.1 | 5.7 | 5.5 | |
| 65 | | | | | 5.1 | 4.8 | 3.6 |
| 70 | | | | | | 4.2 | 3.4 |
| 85 | | | | | | | 2.3 |

Main boom 55.1 m

| Radius (m) | Jib length (m) | | | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | 69.5 t |
| 39.3 | 10.1 | | | | | | |
| 40 | 9.9 | | | | | | |
| 42 | 9.3 | | | | | | |
| 44 | 8.9 | 8.4 | | | | | |
| 46 | 8.4 | 8.0 | 7.5 | | | | |
| 48 | 7.9 | 7.6 | 7.2 | | | | |
| 50 | | 7.2 | 6.8 | 6.4 | | | |
| 55 | | | 6.1 | 5.6 | 5.0 | | |
| 60 | | | | 5.0 | 4.4 | 4.0 | |
| 65 | | | | 4.5 | 3.9 | 3.5 | |
| 70 | | | | | 3.5 | 3.1 | 2.2 |
| 75 | | | | | | 2.7 | |

Main boom 58.1 m

| Radius (m) | Jib length (m) | | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|-----------|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t |
| 40.5 | 9.1 | | | | | |
| 44 | 8.3 | 7.8 | | | | |
| 48 | 7.5 | 7.1 | 6.7 | | | |
| 50 | | 6.7 | 6.3 | | | |
| 55 | | 6.0 | 5.6 | 5.2 | | |
| 60 | | | 5.0 | 4.6 | 4.0 | 3.6 |
| 65 | | | | 4.1 | 3.5 | 3.1 |
| 70 | | | | | 3.1 | 2.7 |
| 75 | | | | | 2.7 | 2.4 |
| 80 | | | | | | 2.0 |

Main boom 60.8 m

| Radius (m) | Jib length (m) | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t |
| 41.7 | 8.4 | | | | |
| 44 | 7.9 | | | | |
| 46 | 7.5 | 7.0 | | | |
| 48 | 7.1 | 6.7 | | | |
| 50 | 6.8 | 6.3 | 5.9 | | |
| 55 | | 5.6 | 5.3 | 4.8 | |
| 60 | | | 4.7 | 4.3 | 3.7 |
| 65 | | | | 3.8 | 3.2 |
| 70 | | | | | 2.8 |
| 75 | | | | | 2.4 |

Capacities in metric tonnes with luffing jib (No. 1309.xx), 62.3 t counterweight + 20 t carbody counterweight. Above lift chart is for reference only. For actual lift duty and complete chart with all available configurations please refer to lift chart in operator's cab or manual.

Lift chart - luffing jib (No. 1309.xx)

Main boom 45°

TLT 10576404 - M118422

Main boom 25.7 m

| Radius (m) | Jib length (m) | | | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | 69.5 t |
| 39.5 | 12.0 | | | | | | |
| 40 | 11.9 | | | | | | |
| 42 | 11.1 | | | | | | |
| 46 | | 9.7 | | | | | |
| 48 | | 9.2 | | | | | |
| 50 | | | 8.5 | | | | |
| 55 | | | | 7.2 | | | |
| 60 | | | | 6.3 | | | |
| 65 | | | | | 5.3 | | |
| 70 | | | | | | 4.4 | |
| 80 | | | | | | | 2.9 |
| 85 | | | | | | | 2.5 |

Main boom 37.4 m

| Radius (m) | Jib length (m) | | | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|-----------|--|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t | 55.1 t | |
| 47.8 | 7.8 | | | | | | |
| 48 | 7.8 | | | | | | |
| 50 | 7.4 | | | | | | |
| 55 | | 6.2 | | | | | |
| 60 | | | 5.2 | | | | |
| 65 | | | | 4.4 | | | |
| 70 | | | | | 3.5 | | |
| 75 | | | | | 3.0 | 2.7 | |
| 80 | | | | | | 2.4 | |

Main boom 43.4 m

| Radius (m) | Jib length (m) | | | | |
|---------------|----------------|-----------|-----------|-----------|-----------|
| | 22.7 t | 28.7 t | 34.4 t | 40.4 t | 49.1 t |
| 52 | 6.1 | | | | |
| 55 | 5.6 | | | | |
| 60 | | 4.7 | | | |
| 65 | | | 3.9 | | |
| 70 | | | | 3.2 | |
| 75 | | | | | 2.4 |
| 80 | | | | | 2.0 |

Main boom 55.1 m

| Radius (m) | Jib length (m) | | | | | |
|---------------|----------------|--|--|--|--|--|
| | 22.7 t | | | | | |
| 60.3 | 3.3 | | | | | |

Main boom 58.1 m

| Radius (m) | Jib length (m) | | | | | |
|---------------|----------------|--|--|--|--|--|
| | 22.7 t | | | | | |
| 62.4 | 2.7 | | | | | |
| 65 | 2.5 | | | | | |

Main boom 60.8 m

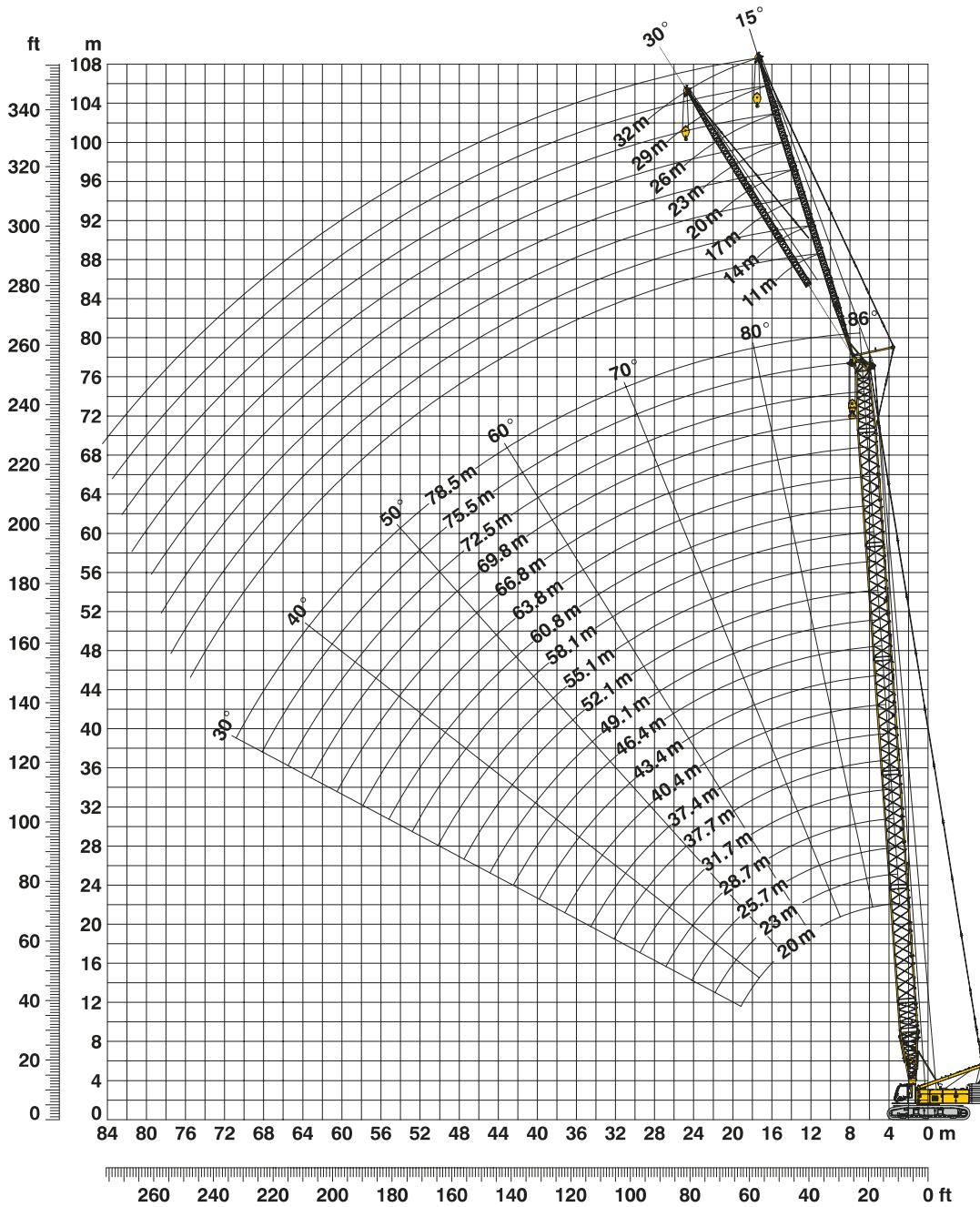
| Radius (m) | Jib length (m) | | | | | |
|---------------|----------------|--|--|--|--|--|
| | 22.7 t | | | | | |
| 64.3 | 2.1 | | | | | |
| 65 | 2.0 | | | | | |

Capacities in metric tonnes with luffing jib (No. 1309.xx), 62.3 t counterweight + 20 t carbody counterweight. Above lift chart is for reference only. For actual lift duty and complete chart with all available configurations please refer to lift chart in operator's cab or manual.

Working range - fixed jib 15° and 30°

(No. 0806.xx)

Main boom 88° – 30°



Boom configuration for main boom lengths (20 m – 78.5 m) – see table 1 on page 12

Fixed jib configuration for fixed jib lengths (11 m – 32 m)

| | Length | Amount of fixed jib extensions | | | | | | | |
|----------------------|--------|--------------------------------|----|----|----|----|----|----|----|
| Fixed jib foot | 5.5 m | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Fixed jib insert | 3 m | | 1 | | 1 | | 1 | | 1 |
| Fixed jib insert | 6 m | | | 1 | 1 | 2 | 2 | 3 | 3 |
| Fixed jib head | 5.5 m | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Fixed jib length (m) | | 11 | 14 | 17 | 20 | 23 | 26 | 29 | 32 |

Lift chart - fixed jib (No. 0806.xx)

Offset 15°

TLT 10576404 - M118422

Main boom 20 m

| Radius (m) | Fixed jib length in (m) | | | |
|---------------|-------------------------|---------|---------|---------|
| | 11 t | 20 t | 26 t | 32 t |
| 7 | 24.0 | | | |
| 10 | 24.0 | 14.7 | | |
| 13 | 23.7 | 13.5 | 8.6 | |
| 15 | 23.3 | 12.8 | 8.2 | 5.2 |
| 18 | 21.8 | 11.9 | 7.6 | 4.9 |
| 22 | 19.8 | 10.8 | 7.0 | 4.5 |
| 26 | 17.6 | 9.9 | 6.5 | 4.2 |
| 28 | 16.6 | 9.5 | 6.3 | 4.1 |
| 30 | 15.4 | 9.1 | 6.1 | 4.0 |
| 38 | | 7.7 | 5.6 | 3.7 |
| 44 | | | 5.4 | 3.5 |
| 50 | | | | 3.5 |

Main boom 28.7 m

| Radius (m) | Fixed jib length in (m) | | | |
|---------------|-------------------------|---------|---------|---------|
| | 11 t | 20 t | 26 t | 32 t |
| 6.2 | 24.0 | | | |
| 10 | 24.0 | 14.8 | | |
| 13 | 24.0 | 13.8 | 8.8 | |
| 15 | 23.4 | 13.2 | 8.4 | 5.2 |
| 18 | 22.3 | 12.3 | 7.9 | 4.9 |
| 26 | 19.4 | 10.7 | 6.8 | 4.3 |
| 30 | 18.2 | 10.1 | 6.5 | 4.1 |
| 34 | 16.4 | 9.4 | 6.2 | 3.9 |
| 38 | 14.0 | 8.7 | 6.0 | 3.8 |
| 46 | | 7.7 | 5.6 | 3.6 |
| 50 | | | 5.5 | 3.5 |
| 55 | | | | 3.5 |

Main boom 40.4 m

| Radius (m) | Fixed jib length in (m) | | | |
|---------------|-------------------------|---------|---------|---------|
| | 11 t | 20 t | 26 t | 32 t |
| 6.6 | 24.0 | | | |
| 11 | 24.0 | 14.1 | | |
| 13 | 23.8 | 13.6 | 8.6 | |
| 16 | 23.2 | 12.8 | 8.2 | 5.1 |
| 22 | 20.8 | 11.5 | 7.3 | 4.6 |
| 30 | 18.9 | 10.4 | 6.6 | 4.2 |
| 38 | 13.5 | 9.6 | 6.2 | 3.9 |
| 46 | 10.1 | 8.6 | 5.8 | 3.7 |
| 48 | 9.4 | 8.3 | 5.7 | 3.6 |
| 55 | | 7.8 | 5.5 | 3.5 |
| 60 | | | 5.4 | 3.4 |
| 65 | | | | 3.4 |

Main boom 52.1 m

| Radius (m) | Fixed jib length in (m) | | | |
|---------------|-------------------------|---------|---------|---------|
| | 11 t | 20 t | 26 t | 32 t |
| 7 | 24.0 | | | |
| 11 | 23.8 | 13.5 | | |
| 14 | 23.1 | 12.8 | 8.2 | |
| 16 | 22.3 | 12.4 | 8.0 | 5.0 |
| 22 | 20.3 | 11.2 | 7.3 | 4.6 |
| 30 | 18.0 | 10.3 | 6.6 | 4.2 |
| 38 | 12.9 | 9.8 | 6.2 | 4.0 |
| 46 | 9.5 | 9.1 | 5.9 | 3.8 |
| 55 | 6.9 | 7.4 | 5.6 | 3.6 |
| 65 | | 5.3 | 5.4 | 3.4 |
| 70 | | | 4.7 | 3.4 |
| 75 | | | | 3.4 |

Main boom 58.1 m

| Radius (m) | Fixed jib length in (m) | | | |
|---------------|-------------------------|---------|---------|---------|
| | 11 t | 20 t | 26 t | 32 t |
| 7.2 | 24.0 | | | |
| 11 | 23.5 | 13.0 | | |
| 14 | 22.2 | 12.5 | 8.1 | |
| 16 | 21.5 | 12.1 | 7.9 | 4.9 |
| 22 | 19.5 | 11.0 | 7.2 | 4.6 |
| 30 | 17.3 | 10.2 | 6.6 | 4.3 |
| 38 | 12.6 | 9.6 | 6.2 | 4.0 |
| 46 | 9.2 | 9.1 | 5.9 | 3.8 |
| 60 | 5.4 | 6.0 | 5.5 | 3.5 |
| 70 | | 4.2 | 4.4 | 3.4 |
| 75 | | | 3.7 | 3.3 |
| 80 | | | | 3.3 |

Main boom 66.8 m

| Radius (m) | Fixed jib length in (m) | | | |
|---------------|-------------------------|---------|---------|---------|
| | 11 t | 20 t | 26 t | 32 t |
| 7.5 | 22.7 | | | |
| 12 | 21.3 | 12.0 | | |
| 14 | 20.5 | 11.6 | 7.6 | |
| 17 | 19.3 | 11.1 | 7.4 | 4.8 |
| 22 | 17.5 | 10.3 | 6.8 | 4.6 |
| 30 | 15.9 | 9.5 | 6.3 | 4.3 |
| 38 | 12.2 | 9.1 | 6.0 | 4.0 |
| 46 | 8.7 | 8.4 | 5.8 | 3.8 |
| 60 | 5.0 | 5.5 | 5.3 | 3.5 |
| 70 | 3.3 | 3.8 | 4.0 | 3.4 |
| 80 | | 2.4 | 2.7 | 2.9 |
| 85 | | | 2.1 | 2.3 |

Main boom 72.5 m

| Radius (m) | Fixed jib length in (m) | | | |
|---------------|-------------------------|---------|---------|---------|
| | 11 t | 20 t | 26 t | 32 t |
| 7.7 | 21.0 | | | |
| 12 | 19.6 | 11.1 | | |
| 14 | 18.9 | 10.8 | 7.1 | |
| 17 | 17.7 | 10.4 | 6.9 | 4.8 |
| 22 | 16.0 | 9.9 | 6.6 | 4.5 |
| 30 | 14.6 | 9.1 | 6.2 | 4.2 |
| 38 | 11.6 | 8.7 | 5.9 | 4.0 |
| 46 | 8.4 | 8.0 | 5.6 | 3.8 |
| 60 | 4.7 | 5.3 | 5.2 | 3.5 |
| 75 | 2.3 | 2.7 | 3.0 | 3.3 |
| 80 | | 2.1 | 2.4 | 2.6 |
| 85 | | | | 2.1 |

Main boom 75.5 m

| Radius (m) | Fixed jib length in (m) | | | |
|---------------|-------------------------|---------|---------|---------|
| | 11 t | 20 t | 26 t | 32 t |
| 7.8 | 19.8 | | | |
| 12 | 17.9 | 11.2 | | |
| 15 | 17.0 | 10.8 | 7.2 | |
| 17 | 16.5 | 10.5 | 7.0 | 4.3 |
| 22 | 14.8 | 9.8 | 6.6 | 4.1 |
| 30 | 13.2 | 9.0 | 6.1 | 3.9 |
| 38 | 11.3 | 8.6 | 5.8 | 3.6 |
| 46 | 8.2 | 7.9 | 5.6 | 3.5 |
| 60 | 4.5 | 5.1 | 5.2 | 3.2 |
| 70 | 2.8 | 3.3 | 3.6 | 3.1 |
| 75 | 2.1 | 2.6 | 2.9 | 3.1 |
| 80 | | | 2.2 | 2.5 |

Main boom 78.5 m

| Radius (m) | Fixed jib length in (m) | | | |
|---------------|-------------------------|---------|---------|---------|
| | 11 t | 14 t | 20 t | 26 t |
| 7.9 | 18.8 | | | |
| 10 | 17.8 | 15.7 | | |
| 12 | 16.4 | 14.7 | 10.7 | |
| 15 | 15.8 | 13.9 | 10.1 | 6.7 |
| 22 | 13.8 | 12.5 | 9.0 | 5.9 |
| 30 | 12.0 | 11.1 | 8.6 | 5.4 |
| 38 | 10.6 | 10.2 | 8.2 | 5.2 |
| 46 | 7.9 | 8.0 | 7.6 | 5.0 |
| 60 | 4.4 | 4.6 | 4.9 | 4.6 |
| 70 | 2.6 | 2.8 | 3.1 | 3.5 |
| 75 | | 2.1 | 2.4 | 2.7 |
| 80 | | | | 2.1 |

Capacities in metric tonnes with fixed jib (No. 0806.xx), 62.3 t counterweight + 20 t carbody counterweight. Above lift chart is for reference only. For actual lift duty and complete chart with all available configurations please refer to lift chart in operator's cab or manual.

Lift chart - fixed jib (No. 0806.xx)

Offset 30°

TLT 10576404 - M118422

Main boom 20 m

| Radius (m) | Fixed jib length in (m) | | | |
|---------------|-------------------------|---------|---------|---------|
| | 11 t | 20 t | 26 t | 32 t |
| 7 | 24.0 | | | |
| 10 | 24.0 | 14.7 | | |
| 13 | 23.7 | 13.5 | 8.6 | |
| 15 | 23.3 | 12.8 | 8.2 | 5.2 |
| 18 | 21.8 | 11.9 | 7.6 | 4.9 |
| 22 | 19.8 | 10.8 | 7.0 | 4.5 |
| 26 | 17.6 | 9.9 | 6.5 | 4.2 |
| 28 | 16.6 | 9.5 | 6.3 | 4.1 |
| 30 | 15.4 | 9.1 | 6.1 | 4.0 |
| 38 | | 7.7 | 5.6 | 3.7 |
| 44 | | | 5.4 | 3.5 |
| 50 | | | | 3.5 |

Main boom 28.7 m

| Radius (m) | Fixed jib length in (m) | | | |
|---------------|-------------------------|---------|---------|---------|
| | 11 t | 20 t | 26 t | 32 t |
| 8.9 | 24.0 | | | |
| 15 | 21.5 | 11.8 | | |
| 19 | 20.1 | 10.9 | 6.9 | |
| 24 | 18.0 | 9.8 | 6.4 | 4.0 |
| 26 | 17.0 | 9.4 | 6.2 | 3.9 |
| 30 | 15.8 | 8.8 | 6.0 | 3.8 |
| 34 | 14.7 | 8.2 | 5.8 | 3.7 |
| 36 | 14.4 | 8.0 | 5.7 | 3.6 |
| 38 | 14.1 | 7.9 | 5.6 | 3.6 |
| 46 | | 7.4 | 5.4 | 3.5 |
| 50 | | | 5.4 | 3.5 |
| 55 | | | | 3.5 |

Main boom 40.4 m

| Radius (m) | Fixed jib length in (m) | | | |
|---------------|-------------------------|---------|---------|---------|
| | 11 t | 20 t | 26 t | 32 t |
| 9.3 | 23.2 | | | |
| 16 | 20.9 | 11.3 | | |
| 19 | 20.0 | 10.8 | 6.8 | |
| 24 | 18.9 | 10.0 | 6.3 | 4.0 |
| 30 | 17.3 | 9.2 | 6.0 | 3.8 |
| 38 | 13.7 | 8.3 | 5.7 | 3.6 |
| 42 | 11.8 | 8.0 | 5.6 | 3.6 |
| 46 | 10.2 | 7.8 | 5.5 | 3.5 |
| 48 | 9.5 | 7.6 | 5.4 | 3.5 |
| 55 | | 7.4 | 5.4 | 3.4 |
| 60 | | | 5.3 | 3.4 |
| 65 | | | | 3.4 |

Main boom 52.1 m

| Radius (m) | Fixed jib length in (m) | | | |
|---------------|-------------------------|---------|---------|---------|
| | 11 t | 20 t | 26 t | 32 t |
| 9.7 | 21.9 | | | |
| 15 | 20.4 | | | |
| 16 | 20.2 | 10.9 | | |
| 20 | 19.1 | 10.4 | 6.6 | |
| 24 | 18.3 | 9.9 | 6.3 | 4.0 |
| 30 | 17.2 | 9.3 | 6.0 | 3.8 |
| 38 | 13.2 | 8.7 | 5.7 | 3.7 |
| 46 | 9.7 | 8.0 | 5.5 | 3.5 |
| 55 | 7.0 | 7.6 | 5.4 | 3.4 |
| 65 | | 5.4 | 5.3 | 3.4 |
| 70 | | | 4.8 | 3.4 |
| 75 | | | | 3.4 |

Main boom 58.1 m

| Radius (m) | Fixed jib length in (m) | | | |
|---------------|-------------------------|---------|---------|---------|
| | 11 t | 20 t | 26 t | 32 t |
| 9.9 | 21.1 | | | |
| 16 | 19.6 | 10.7 | | |
| 20 | 18.5 | 10.2 | 6.5 | |
| 24 | 17.6 | 9.7 | 6.2 | 4.0 |
| 30 | 16.7 | 9.2 | 5.9 | 3.8 |
| 38 | 12.9 | 8.8 | 5.7 | 3.7 |
| 46 | 9.4 | 8.2 | 5.5 | 3.5 |
| 50 | 8.1 | 7.9 | 5.5 | 3.5 |
| 60 | 5.5 | 6.2 | 5.3 | 3.4 |
| 70 | | 4.3 | 4.6 | 3.4 |
| 75 | | | 3.8 | 3.4 |
| 85 | | | | 2.8 |

Main boom 66.8 m

| Radius (m) | Fixed jib length in (m) | | | |
|---------------|-------------------------|---------|---------|---------|
| | 11 t | 20 t | 26 t | 32 t |
| 10.2 | 19.5 | | | |
| 16 | 18.2 | 9.9 | | |
| 20 | 17.0 | 9.5 | 6.2 | |
| 24 | 15.8 | 9.1 | 6.0 | 3.9 |
| 30 | 15.1 | 8.7 | 5.7 | 3.8 |
| 38 | 12.5 | 8.5 | 5.5 | 3.6 |
| 46 | 9.0 | 8.0 | 5.4 | 3.5 |
| 50 | 7.7 | 7.8 | 5.3 | 3.5 |
| 60 | 5.1 | 5.8 | 5.1 | 3.4 |
| 70 | 3.3 | 3.9 | 4.3 | 3.4 |
| 80 | | 2.4 | 2.8 | 3.1 |
| 85 | | | 2.1 | 2.5 |

Main boom 72.5 m

| Radius (m) | Fixed jib length in (m) | | | |
|---------------|-------------------------|---------|---------|---------|
| | 11 t | 20 t | 26 t | 32 t |
| 10.4 | 18.2 | | | |
| 17 | 16.5 | 9.5 | | |
| 20 | 15.7 | 9.2 | 6.0 | |
| 24 | 14.6 | 8.8 | 5.8 | 3.8 |
| 30 | 13.7 | 8.5 | 5.6 | 3.7 |
| 38 | 12.0 | 8.2 | 5.4 | 3.6 |
| 46 | 8.7 | 7.8 | 5.2 | 3.5 |
| 60 | 4.9 | 5.6 | 5.1 | 3.4 |
| 70 | 3.1 | 3.7 | 4.0 | 3.3 |
| 75 | 2.3 | 2.9 | 3.3 | 3.3 |
| 80 | | 2.2 | 2.6 | 2.9 |
| 85 | | | | 2.3 |

Main boom 75.5 m

| Radius (m) | Fixed jib length in (m) | | | |
|---------------|-------------------------|---------|---------|---------|
| | 11 t | 20 t | 26 t | 32 t |
| 10.5 | 17.1 | | | |
| 17 | 15.6 | 9.4 | | |
| 22 | 14.3 | 9.0 | 5.9 | |
| 24 | 13.8 | 8.8 | 5.8 | 3.6 |
| 30 | 12.8 | 8.5 | 5.5 | 3.5 |
| 38 | 11.6 | 8.1 | 5.3 | 3.4 |
| 46 | 8.5 | 7.7 | 5.2 | 3.3 |
| 60 | 4.7 | 5.4 | 5.0 | 3.2 |
| 70 | 2.9 | 3.5 | 3.9 | 3.1 |
| 75 | 2.2 | 2.7 | 3.1 | 3.1 |
| 80 | | 2.1 | 2.4 | 2.7 |
| 85 | | | | 2.1 |

Main boom 78.5 m

| Radius (m) | Fixed jib length in (m) | | | |
|---------------|-------------------------|---------|---------|---------|
| | 11 t | 14 t | 20 t | 26 t |
| 10.6 | 16.3 | | | |
| 13 | 15.9 | 13.5 | | |
| 17 | 14.8 | 12.9 | 8.6 | |
| 22 | 13.6 | 12.0 | 8.4 | 5.2 |
| 30 | 12.1 | 10.9 | 8.1 | 4.6 |
| 38 | 11.0 | 10.1 | 7.8 | 4.6 |
| 46 | 8.2 | 8.4 | 7.5 | 4.4 |
| 50 | 7.0 | 7.2 | 7.2 | 4.3 |
| 60 | 4.5 | 4.8 | 5.2 | 4.2 |
| 70 | 2.7 | 2.9 | 3.4 | 3.8 |
| 75 | 2.0 | 2.2 | 2.6 | 3.0 |
| 80 | | | | 2.3 |

Capacities in metric tonnes with fixed jib (No. 0806.xx), 62.3 t counterweight + 20 t carbody counterweight. Above lift chart is for reference only. For actual lift duty and complete chart with all available configurations please refer to lift chart in operator's cab or manual.