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LR 1300.2 SX

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LIEBHERR

Crawler cranes

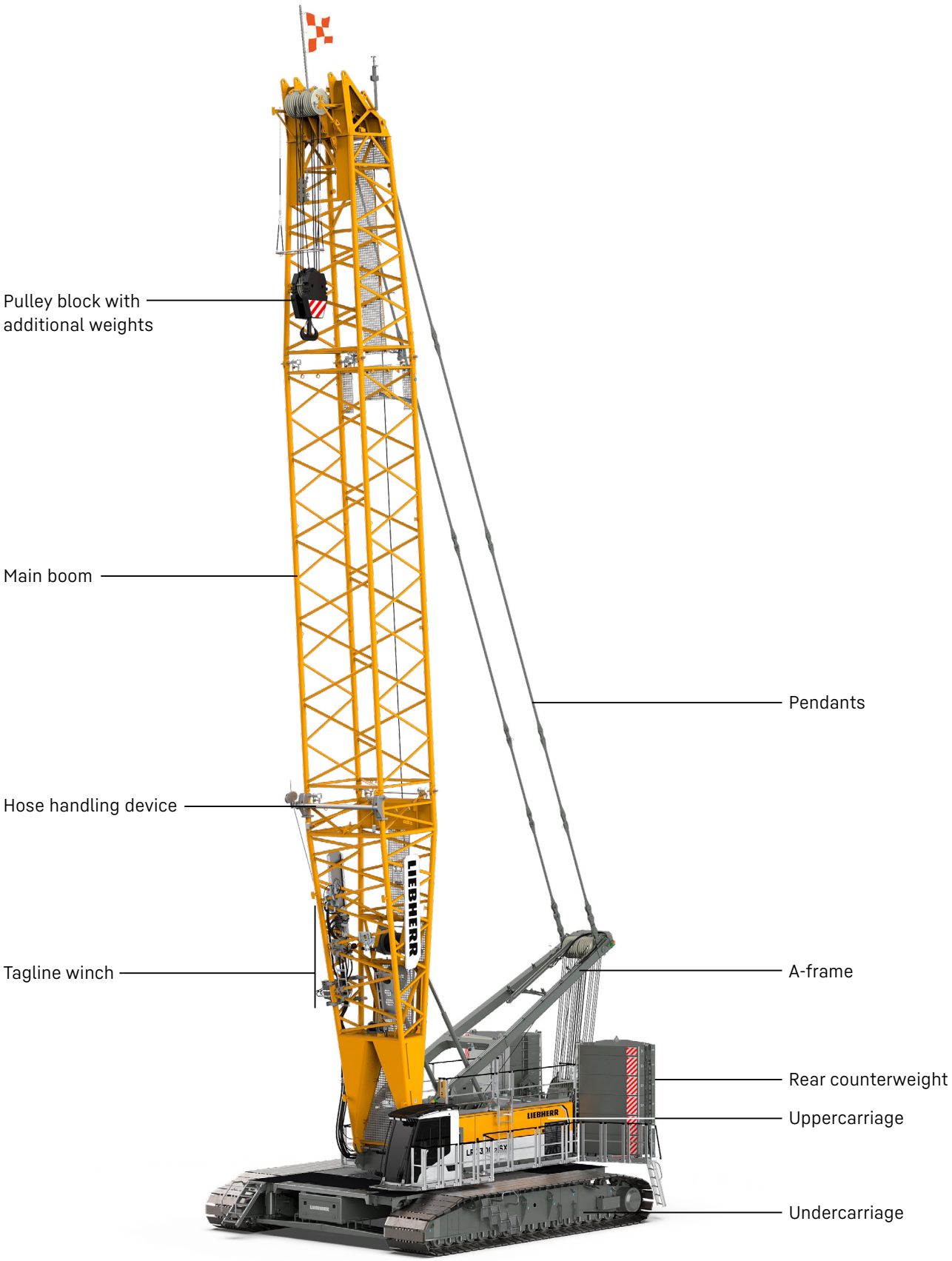


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Remarks

- The load capacities stated are valid for lifting operation only (corresponding with crane classification according to ISO 4301-1, crane group A1).
- Machine is standing on firm, horizontal ground.
- The weight of the lifting device (pulley block, hoist ropes, shackles, etc.) must be deducted from the load capacity.
- Additional equipment on boom (e.g. walkways) must be deducted from the load capacity.
- The max. admissible wind speed can be preselected in the LML software and referred to in the load chart.
- Working radii are measured from centre of swing and under load.
- The lifting capacities are valid for 360 degrees of swing.
- The load assumptions and governing load cases are determined in accordance with ISO 8686-2.
- Calculation of stability under load was carried out according to ISO 4305.
- It was tested according to ISO 4310.
- The last digits of the given dimensions are rounded to 0 and 5 and may differ from the actual dimensions.
- Weights may vary depending on the delivered configuration of the machine, filling level of the tanks, as well as generally valid tolerances.
- The illustrations in this brochure may include options which are not within the standard scope of supply of the machine.
- Subject to technical change without notice.

Concept and characteristics





High performance
A strong, efficient and reliable diesel engine of the newest generation provides high performance and enables several movements to be carried out simultaneously.

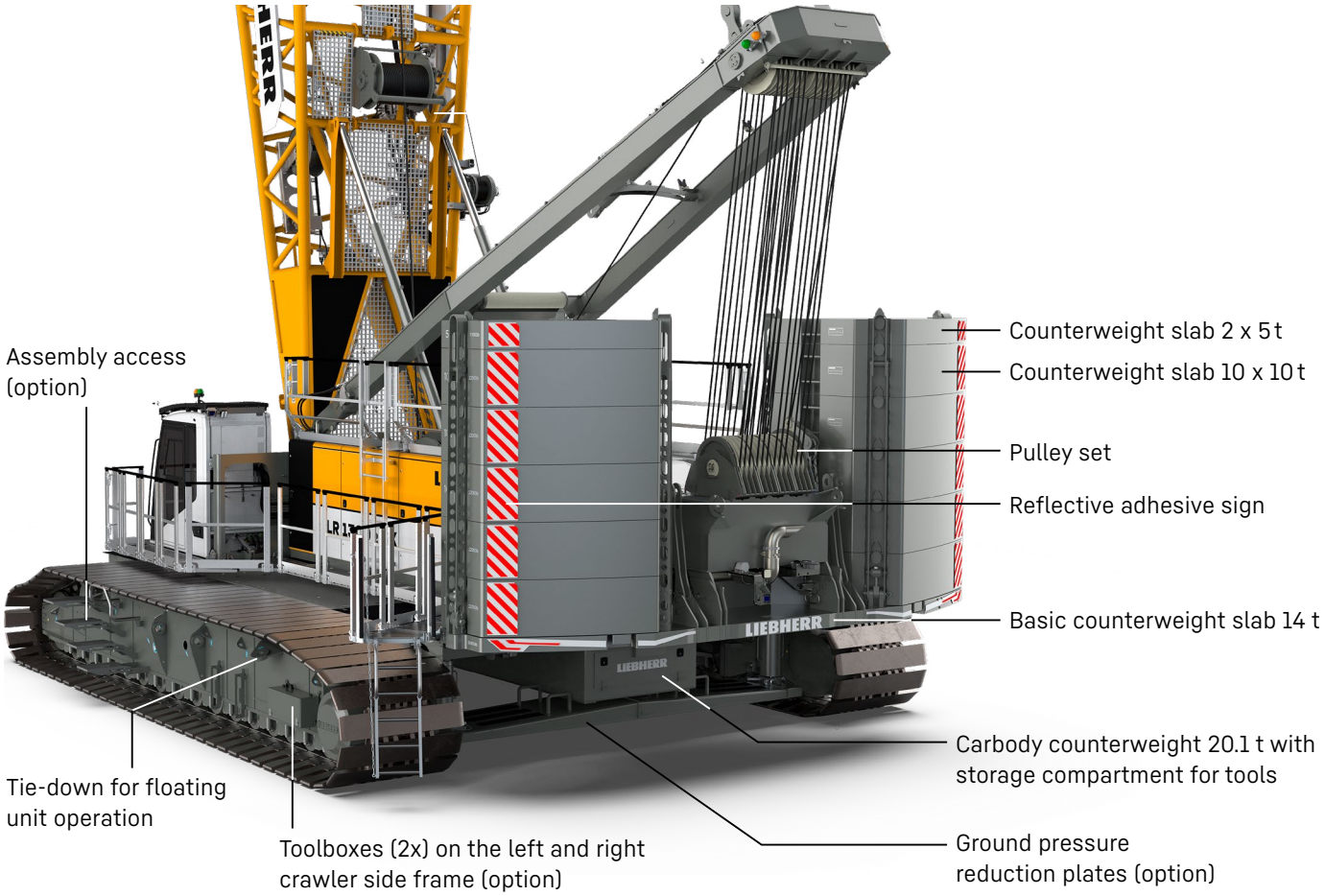
Ground pressure
The actual ground pressure is calculated according to the configuration and position of the machine and displayed in the operator's cabin. Using the optional Liebherr Crane Planner 2.0 the actual ground pressure can already be calculated and displayed in the planning stage.

Travelling with load
By preselecting one of the three travel speeds, the control automatically applies the permitted load curve.

Cabin with high comfort
Optimised field of vision combined with enhanced comfort: an orthopaedic operator's seat with heating and cooling functions, as well as precise and ergonomic controls are included. Air conditioning is optional.

Control system
Easy and intuitive handling of control, service and machine functions through a large, clear colour monitor. Built for extreme environmental conditions.

Floating unit operation
By preselecting the floating unit inclination the control automatically applies the permitted load curve.



Efficient self-assembly system and short assembly times
The optional self-assembly system enables safe, independent and quick assembly/disassembly of the crawler side frames, the carbody and rear counterweights, the two hoist winches, as well as boom elements.

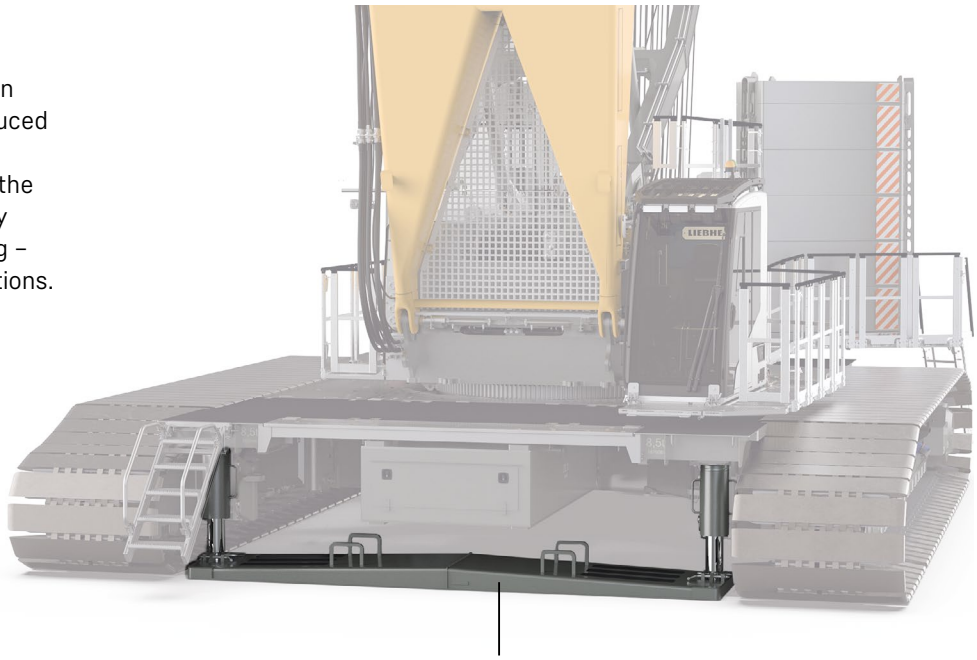
Mobility
Crane parts are optimized for transportation. The maximum transport width is 3 m.

Easy service
The design ensures easy maintenance and service as well as safe access to the components.

Boom/jib
A variety of boom systems and configurations allow for optimum operation on the most diverse jobsites.

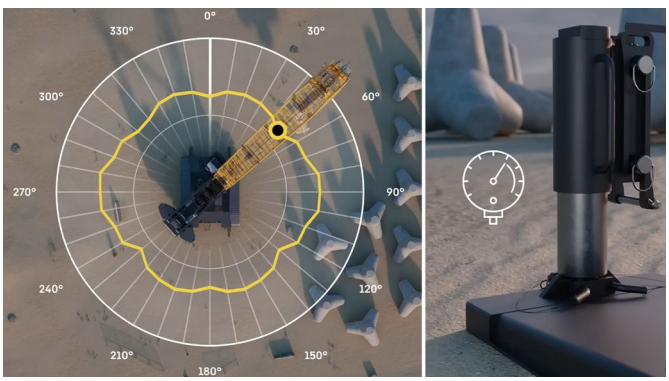
Reduction of ground pressure (option)
Using the ground pressure reduction plates, ground pressure can be reduced by up to 56 %. The ground pressure distribution is calculated based on the uppercarriage swing angle, thereby facilitating precise jobsite planning – even with challenging ground conditions.

Detailed explanation ground pressure reduction plates

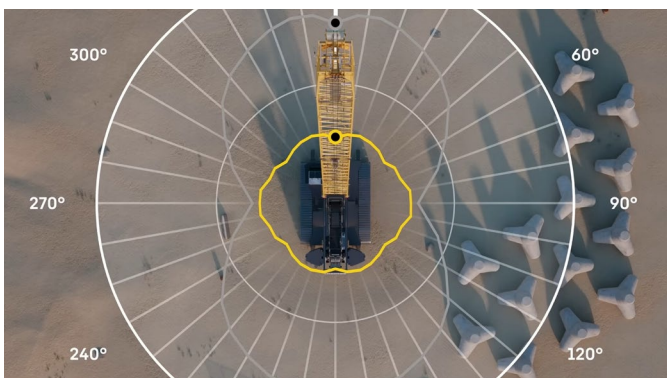




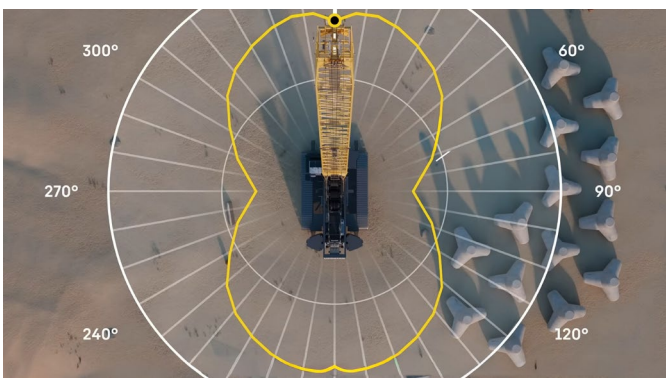
This example illustrates how ground pressure can be reduced by using ground pressure reduction plates



The ground pressure distribution is calculated based on the uppercarriage swing angle



With ground pressure reduction plates: reduction of ground pressure by up to 56 %



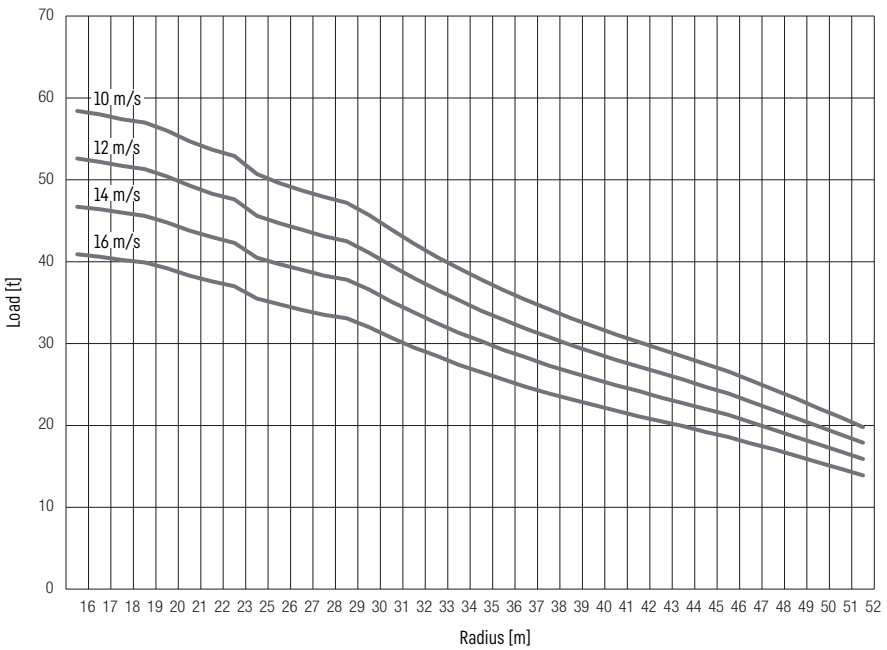
Without ground pressure reduction plates

Wide cabin (option)
The wide cabin gives the operator a comfortable sense of space. An additional fold-down seat allows a second person to sit in the cabin. The standard equipment includes a 15-litre thermal box, which can both chill drinks (1–17 °C) and heat food to 65 °C.



Preselection of customised load curves
Different wind speeds. The driver can preselect appropriate and permitted load curves for different wind speeds by pressing a button directly on the monitor.

In the same way, different floating unit inclinations, travel speeds or even ‘grab operation’ and further operation modes can be selected. In all cases the control system automatically assigns an appropriate permitted load curve.



The above diagram shows an example of the selectable load curves for different wind speeds.

Technical description

Diesel engine

Power rating according to ISO 9249	450 kW (603 hp) at 2100 rpm
Engine type	Liebherr D 966 A7-05
Fuel tank capacity	750 l with continuous level indicator and reserve warning
Exhaust certification	version 1: EC 2016/1628 Stage V and EPA/CARB Tier 4f version 2: without certified emission standard

Noise measurement data and vibration

Noise emission	according to 2000/14/EC directive	
Emission sound pressure level L_{PA}	74.0 dB(A)	(in the cabin)
Guaranteed sound power level L_{WA}	107 dB(A)	(of the machine)
Vibration transmitted to the	< 2.5 m/s²	(to the hand-arm system)
machine operator	< 0.5 m/s²	(to the whole body)

Hydraulic system

Hydraulic pumps	double axial displacement pump in closed loop hydraulic system allows all functions to be operated simultaneously automatic working pressure cut-off to minimize peak pressure
Hydraulic oil tank capacity	820 l
Max. working pressure	350 bar
Hydraulic oil	electronic monitoring of all filters use of synthetic environmentally friendly oil possible

Control

Control	includes all control and monitoring functions, designed to withstand extreme environmental conditions and heavy construction tasks
Display	high resolution monitor in the operator's cabin, clear display of complete machine operating data, warnings and failure indications in the required language
Operation	several movements can be performed simultaneously thanks to electro-hydraulic proportional control, all categories of loads can be positioned with utmost precision

Crawlers

Drive system	with variable displacement axial piston motors
Crawler side frames	hydraulic chain tensioning
Brake	hydraulically released, spring-loaded multi-disc holding brake
Drive speed	0-1.26 km/h
Flat track pads	width 1200 mm, 1500 mm (option)

Swing gear

Drive system	with fixed axial piston hydraulic motors, planetary gearbox, pinion
Swing ring	roller bearing with external teeth
Brake	hydraulically released, spring-loaded multi-disc holding brake
Swing speed	0-1.8 rpm continuously variable
Speed control	both swing modes are possible – speed control or free swing for speed control: a multi-disc holding brake locks automatically at zero swing motion

Hoisting gear

Winches 1/2 as crane winches	internal low-maintenance planetary gearbox in oil bath, load support by the hydraulic system, spring-loaded, multi-disc holding brake, pressure controlled, variable flow hydraulic motors for the main winches, full utilisation of engine power as the winch speed is automatically adjusted to suit the respective line pull
Available line pull	15.1 t
Rope diameter	28 mm
Drum diameter	730 mm
Rope speed	0-106 m/min
Rope capacity in 7 layers	570 m
Option – winches 1/2 as free-fall winches	free fall: clutch and braking functions are provided by the service brake (low wear and maintenance-free multi-disc brake in compact design)

Boom/jib luffing winches

Main boom	
Line pull	180 kN
Rope diameter	24 mm
Boom luffing	15-86° in 127 s
Jib	
Line pull	max. 138 kN
Rope diameter	20 mm
Jib luffing	15-78° in 69 s (2316.xx)

Operating weight

Composition of operating weight	basic machine with crawler side frames (1200 mm) cabin (standard) winches 1+2 (incl. ropes 665 m+ 540 m) A-frame 1 20 m main boom, consisting of boom foot (10 m), boom head (7 m) and boom section (3 m) 124 t rear counterweight 57.2 t carbody counterweight 300 t pulley block
Total weight	approx. 290 t

Operation modes

	Lifting mode	Grab mode	Personnel lifting mode	Foundation work
Land	✓	✓	✓	✓
Floating structure (Barge operation)	✓	✓	✓ *	✓

* only valid for jack-up barges

Optional equipment

Basic machine
Preparation for ground pressure reduction plates
Ground pressure reduction plates
Load hook/hook block with PL latch
Painting in customer design
Rotation-free hoist rope, 28 mm, 2160 N/mm², 190, 240, 400, 480, 540, 665 m
Track pads 1500 mm wide
Winches 1/2 as free-fall winches

Boom/jib
Fixed jib systems: 0906, 1507, 1008, 1713
Luffing jib systems: 1916, 2316
Luffing jib systems with mid fall: 1916, 2316 (please check delivery time)
Auxiliary jib for main boom (36 t)
Auxiliary jib for luffing jib 2316 (30 t, 45 t)
Auxiliary jib for luffing jib 1916 (15 t)
Derrick system
Luffing jib: luffing winch

Boom/jib other
Additional fall protection harness for 1 person
Rope guide (2821.xx) ≥ 20 m
Walkways for main boom sections 3 / 6 / 12 m
Walkways for main boom sections 3 / 6 / 12 m, incl. fall protection
Carbon pendants
Boom stacking system – base carrier up to 2200/3000 mm
Boom stacking system – section carrier up to 2200/3000 mm

Application packages
Assembly radio remote control
Cabin elevator 6 m hydraulic
Leader application
Main winch constant tension for one winch
Operation mode: Foundation work
Operation mode: Personnel lifting mode
Radio remote control (incl. rope reeving function)
Radio remote control (preparation)
Tagline winch 2 t free fall
Two-hook operation
Use of luffing jib winch as auxiliary winch
Vibration damper for vibrator 120 / 160 / 250 / 500 / 800 / 1200 kN
Winch synchronisation
Pile-tilting device (W900 / W2000 / W4000)

Special features
Crane Planner 2.0
MyJobsite basic package including usage fees for the first two years
Liebherr Rugged Tablet – LiTAB (Windows)
LiDAT

Self-assembly system
Jack-up system telescopic
Additional weight in lieu of jack-up system
Reeving winch
Self-assembly cylinder
Self-assembly system rear counterweight

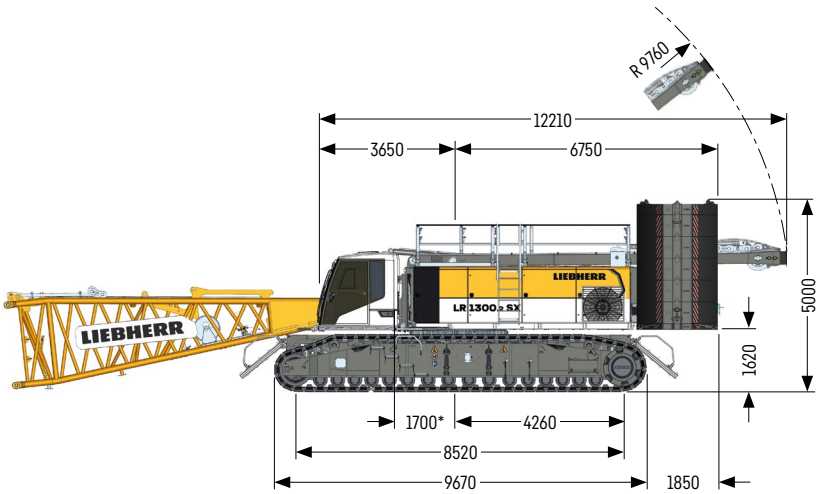
Service package
Central lubrication swing ring bearings / outside
Cold package -25 °C
Cold package -40 °C
Gear oil level warning
Hydraulic oil bypass filter
Liebherr hydraulic oil plus arctic (longlife & bio)
Liebherr hydraulic oil plus arctic (longlife)
Refuelling pump electric (AdBlue)
Assembly and maintenance access for 1200/1500 mm track pads

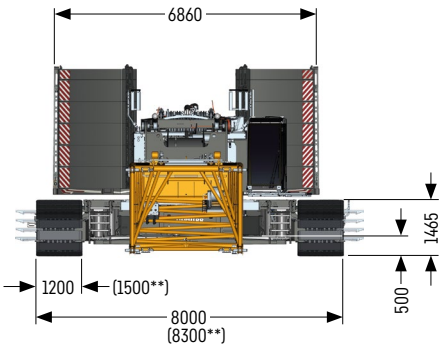
Safety features
Access control
Additional access ladder for boom assembly
Aircraft warning light
Assistance system: Boom Up-and-Down Assistant
Assistance system: Gradient Travel Aid
Assistance system: Ground pressure indication and visualisation
Assistance system: Horizontal Load Path
Assistance system: Vertical Line Finder
Cabin protection roof, FOPS 2, foldable
Lifting height indication for both hoist winches
Lightning rod / Lightning rod with flag holder
Earth spike
Mechanical angle display
Plug&Play diesel-hydraulic back-up unit 18.4 kW
Rear and side view cameras
Swing and boom radius limit device
Swing warning light
Vandalism cabin protection
Winch camera
Zoom camera at boom head

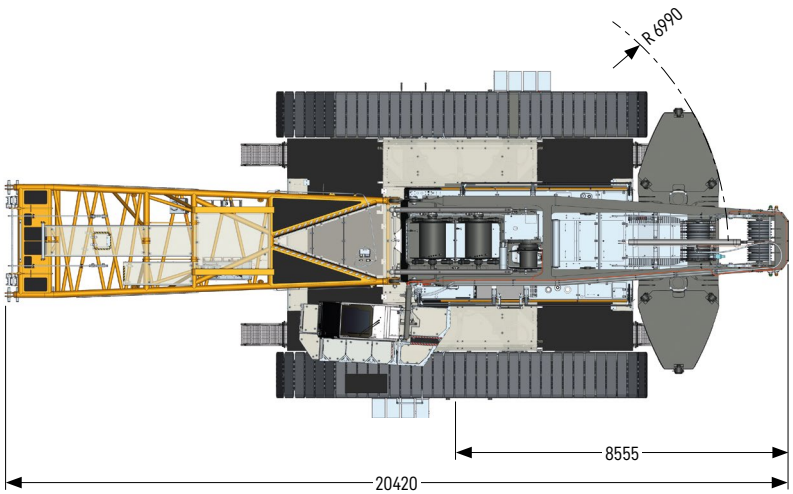
Operator's comfort
Additional access ladder
Additional ignition key
Electrically adjustable LED additional headlights on the main boom (6x 71 W, 44400 lm)
Electrically adjustable LED additional headlights on the boom foot
Cabin air conditioner
Cabin tilting device hydraulic
Shade for the cabin
Wide cabin (+ 700 mm)
Footrest
Tool storage boxes (2x), mounted on the crawler side frames

Dimensions

Basic machine with undercarriage



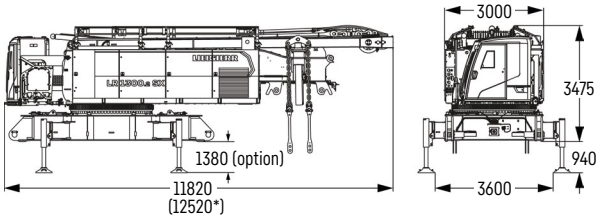




* Boom pivot point
** Option: track pads, width 1500 mm

Transport dimensions and weights

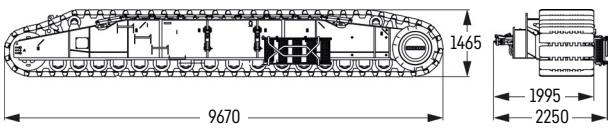
Basic machine und main boom 2821.xx



Basic machine

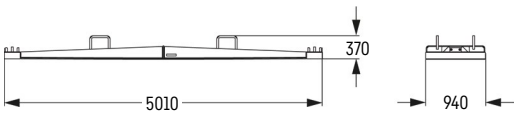
Weight without hoist rope	kg	48680
Weight without hoist rope, with wide cabin (option)	kg	49030
Weight of hoist ropes	kg/m	4.2

with A-frame 1, winches 1+2, without boom foot, without rear counterweight, without carbody counterweight and without crawler side frames
* dimension with wide cabin (option)



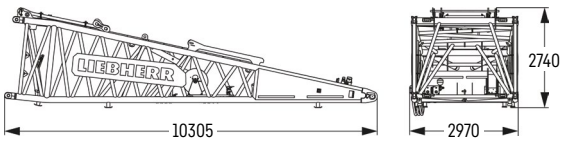
Crawler side frame

Weight with flat track pads 1200 mm	kg	24375
Weight with flat track pads 1500 mm (option)	kg	28098



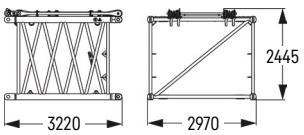
Ground pressure reduction plate

Weight	kg	1380



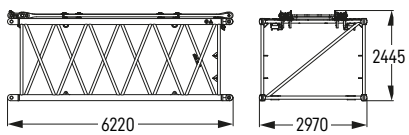
Boom foot 10 m (No. 2821.30)

Weight including winch	kg	6928
Weight without winch	kg	5886



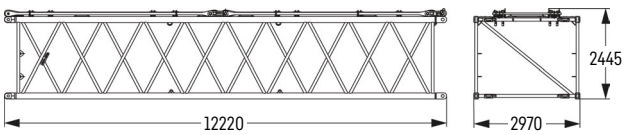
Boom section 3 m (No. 2821.30)

Weight including boom pendants	kg	1411
Weight including boom and jib pendants	kg	1513



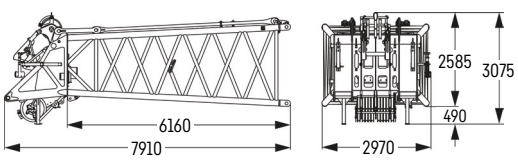
Boom section 6 m (No. 2821.30)

Weight including boom pendants	kg	2163
Weight including boom and jib pendants	kg	2333



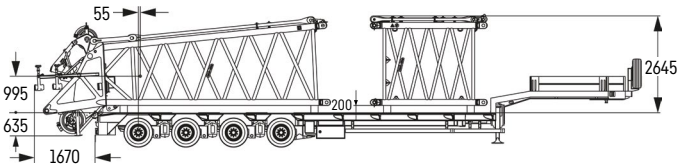
Boom section 12 m (No. 2821.30)

Weight including boom pendants	kg	3736
Weight including boom and jib pendants	kg	4076



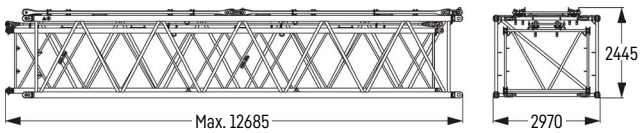
Boom head 7 m (No. 2821.24)

Weight including boom pendants	kg	4786



Transport option –
boom head 7 m (No. 2821.24) + boom section 3 m (No. 2821.30)

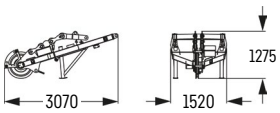
Boom head 7 m		
Weight including boom pendants	kg	4786
Boom section 3 m		
Weight including boom pendants	kg	1411
Weight including boom and jib pendants	kg	1513



Transport option –
boom section (No. 2821.xx) + boom section (No. 2316.xx)

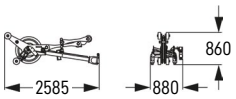
No. 2825.xx / 2316.xx	m	3 / 3	6 / 6	12 / 12
Weight including pendants	kg	2124	3294	5876

Auxiliary jib



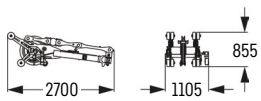
Auxiliary jib 36 t (available for No. 2821.xx)

Weight	kg	753



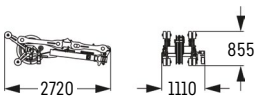
Auxiliary jib 15 t (single fall) (available for No. 1916)

Weight	kg	367



Auxiliary jib 30 t (two fall) (available for No. 2316.20 and No. 2316.45)

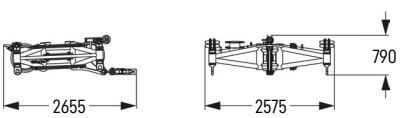
Weight	kg	652



Auxiliary jib 45 t (available for No. 2316.45)

Weight	kg	871

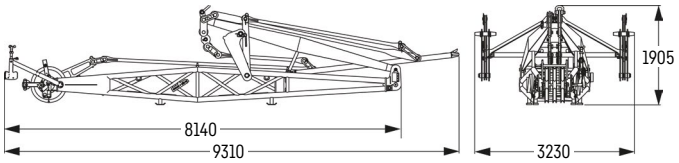
Mid fall



Mid fall (available for No. 1916.xx / No. 2316.xx)

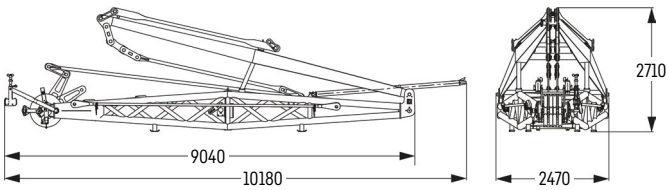
Weight (No. 1916.xx)	kg	680
Weight (No. 2316.xx)	kg	697

Fixed jib 0906.21



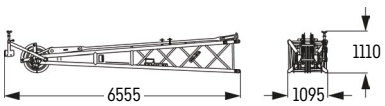
Fixed jib 7 m (No. 0906.21)		
Weight including pendants	kg	2470

Fixed jib 1507.20

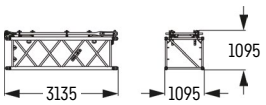


Fixed jib 8 m (No. 1507.20)		
Weight including pendants	kg	3382

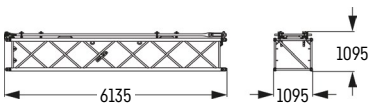
Fixed jib 1008.xx



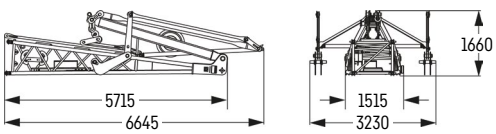
Jib head 5.5 m (No. 1008.20)		
Weight including pendants	kg	875



Jib section 3 m (No. 1008.17)		
Weight including pendants	kg	266



Jib section 6 m (No. 1008.17)		
Weight including pendants	kg	443



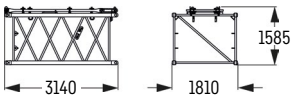
Jib foot 5.5 m with A-frame (No. 1008.20)		
Weight including pendants	kg	2156

Fixed jib 1713.xx



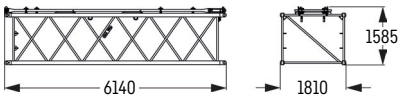
Jib head 7 m (No. 1713.21)

Weight including pendants	kg	1375



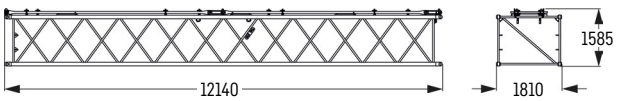
Jib section 3 m (No. 1713.18)

Weight including pendants	kg	420



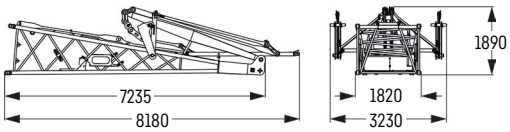
Jib section 6 m (No. 1713.18)

Weight including pendants	kg	630



Jib section 12 m (No. 1713.18)

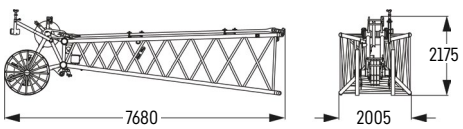
Weight including pendants	kg	1140



Jib foot 7 m with A-frame (No. 1713.22)

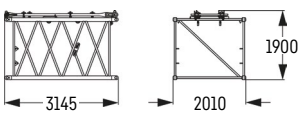
Weight including pendants	kg	2678

Luffing jib 1916.xx



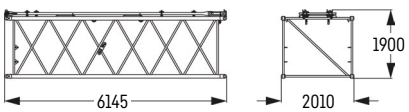
Jib head 7 m (No. 1916.21)

Weight including pendants	kg	1550



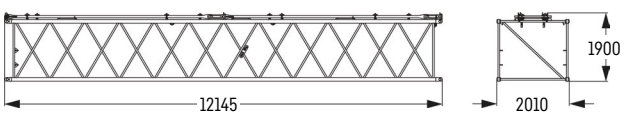
Jib section 3 m (No. 1916.18)

Weight including pendants	kg	448



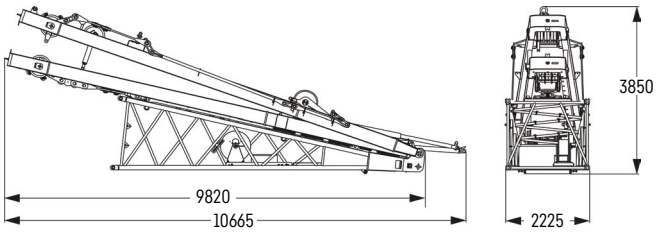
Jib section 6 m (No. 1916.18)

Weight including pendants	kg	680



Jib section 12 m (No. 1916.18)

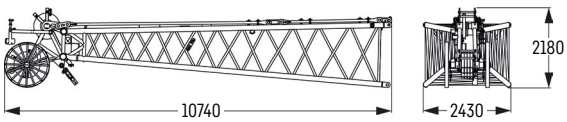
Weight including pendants	kg	1230



Jib foot 7 m with A-frames 2 + 3 (No. 1916.22)

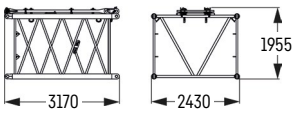
Weight including pendants	kg	6306

Luffing jib 2316.xx



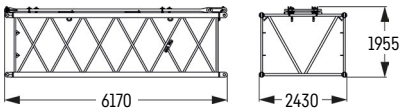
Jib head 10 m (No. 2316.20)

Weight including pendants	kg	2454



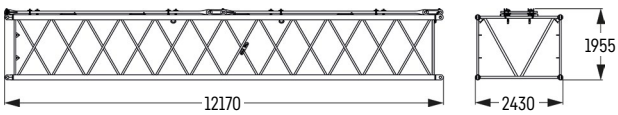
Jib section 3 m (No. 2316.20)

Weight including pendants	kg	611



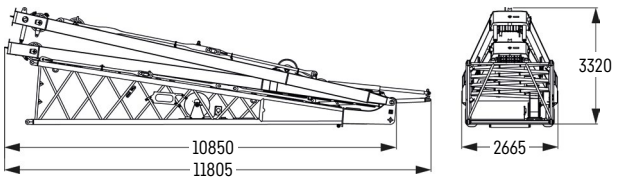
Jib section 6 m (No. 2316.20)

Weight including pendants	kg	961



Jib section 12 m (No. 2316.20)

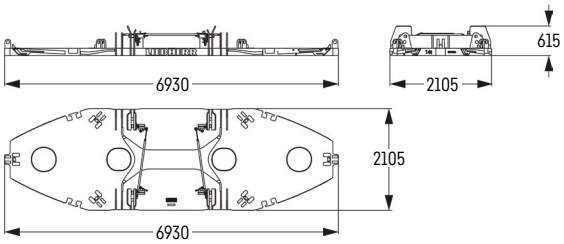
Weight including pendants	kg	1800



Jib foot 10 m with A-frames 2 + 3 (No. 2316.22)

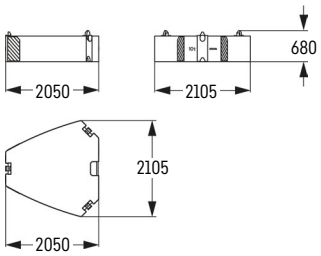
Weight including pendants	kg	8208

Counterweight



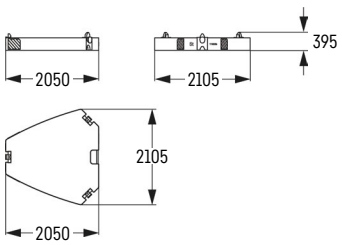
Basic counterweight slab without tie-down (1x)

Weight	kg	14339



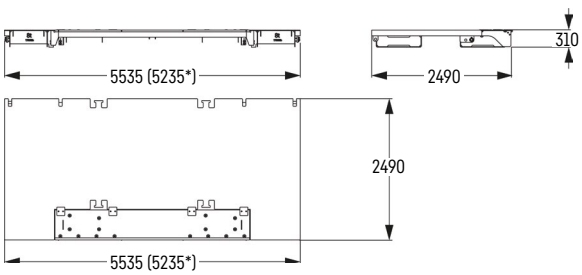
Counterweight slab (10x)

Weight	kg	10000



Counterweight slab (2x)

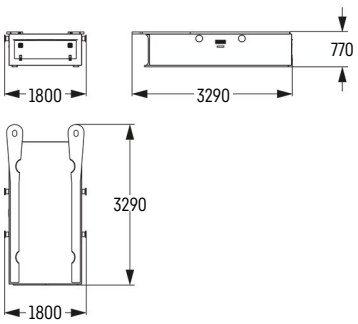
Weight	kg	5000



Carbody counterweight slab (2x)

Weight	kg	8596
Weight with flat track pads 1500 mm (option)	kg	8091

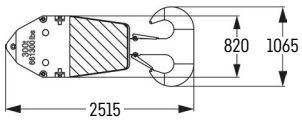
* Dimension with flat track pads 1500 mm (option)



Carbody counterweight slab (2x)

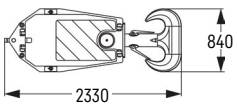
Weight	kg	20100

Pulley block with additional weights / load hooks



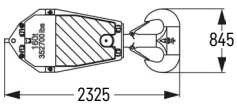
300 t pulley block – 11 pulleys

Width	mm	1220
Weight	kg	3200 / 5500



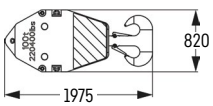
220 t pulley block – 7 pulleys

Width	mm	1465
Weight	kg	2000 / 3900 / 5800



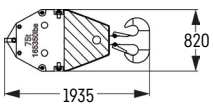
160 t pulley block – 5 pulleys

Width	mm	925
Weight	kg	1600 / 2800 / 4000



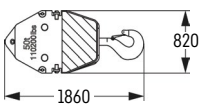
100 t pulley block – 3 pulleys

Width	mm	625
Weight	kg	1100 / 2050 / 3000



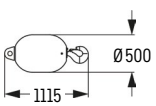
75 t pulley block – 2 pulleys

Width	mm	760
Weight	kg	2100 / 2800 / 3500



50 t pulley block – 1 pulley

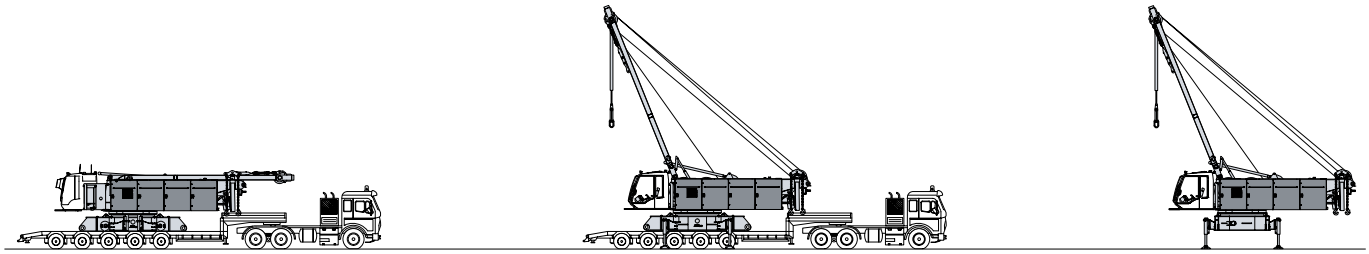
Width	mm	540
Weight	kg	800 / 1600 / 2400



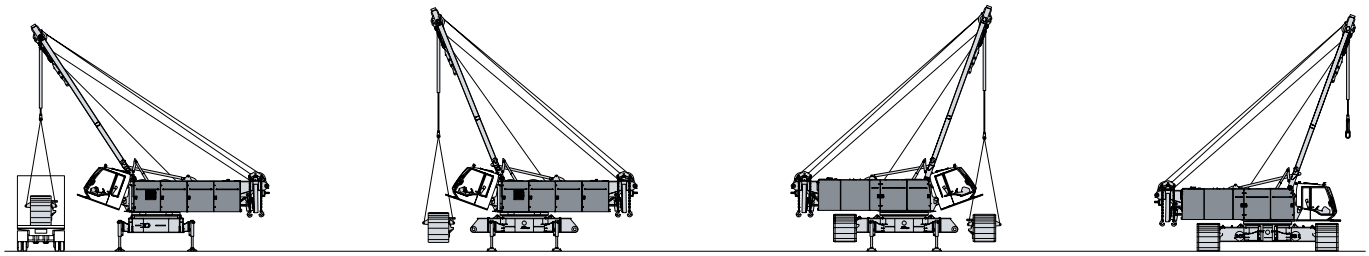
16 t load hook

Weight	kg	900

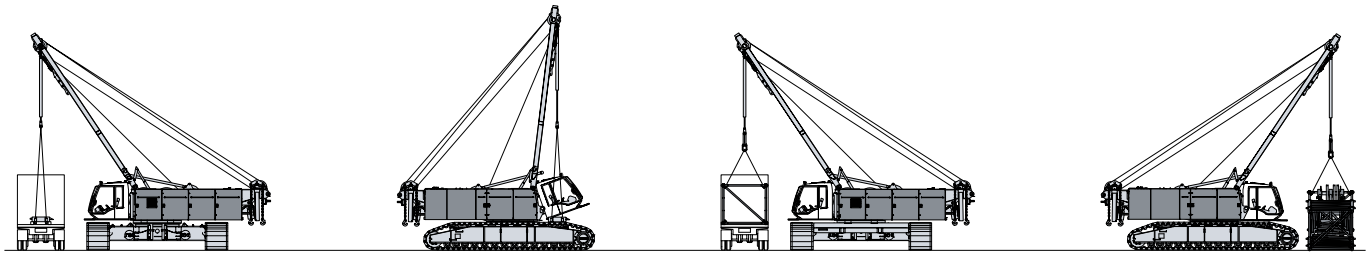
Self-assembly system



Unloading of basic machine

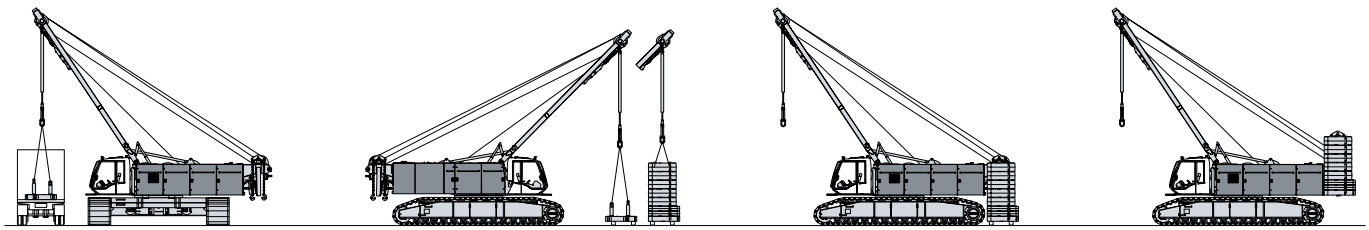


Unloading and assembly of crawler side frames

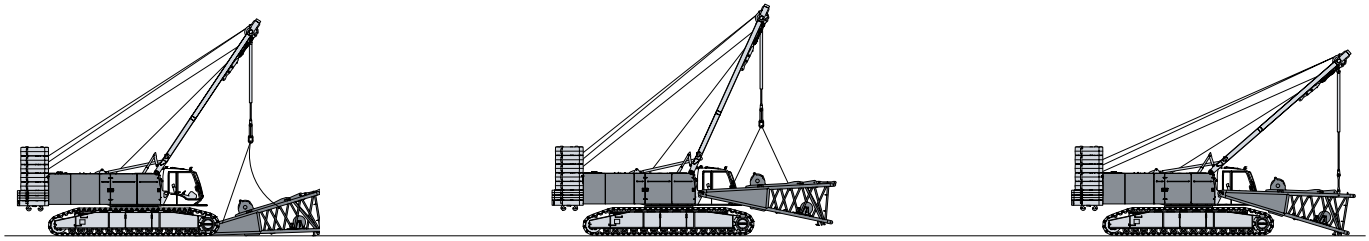


Unloading and assembly of carbody counterweight

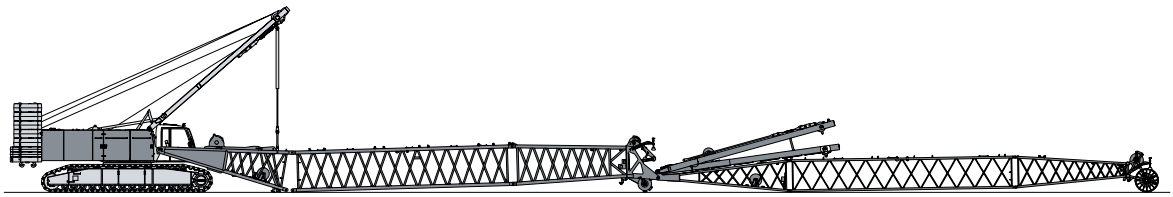
Unloading and assembly of boom



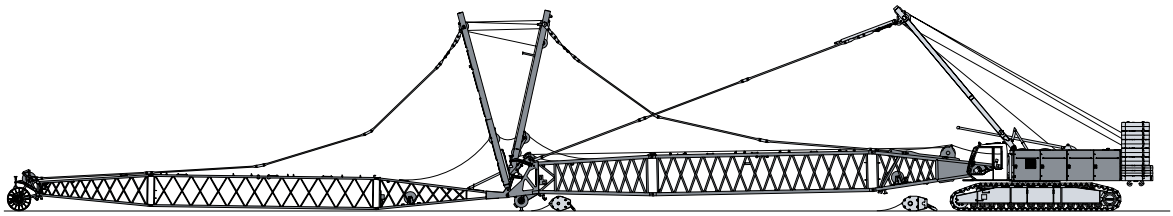
Unloading and assembly of rear counterweight



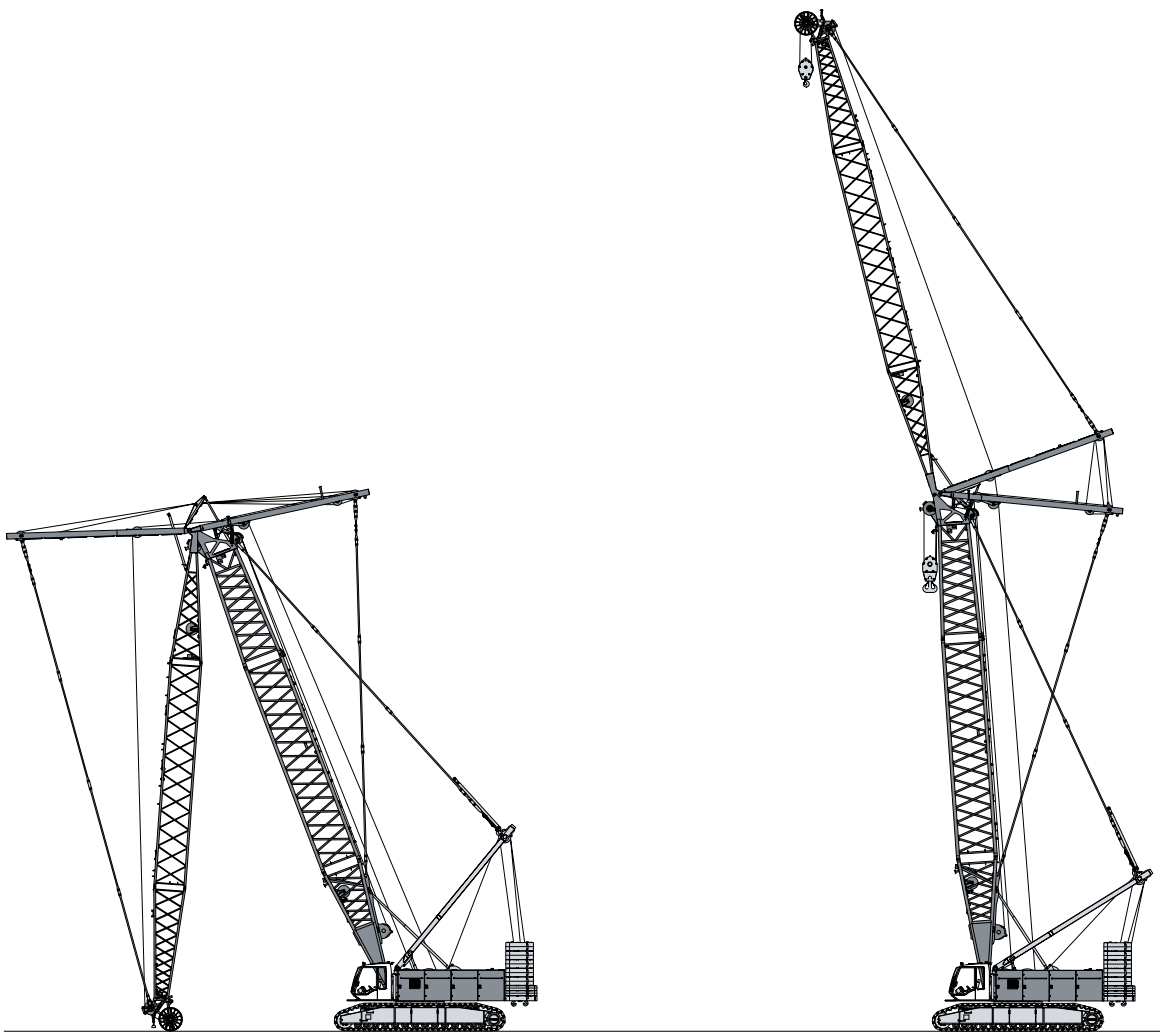
Unloading and assembly of boom foot



Assembly of boom

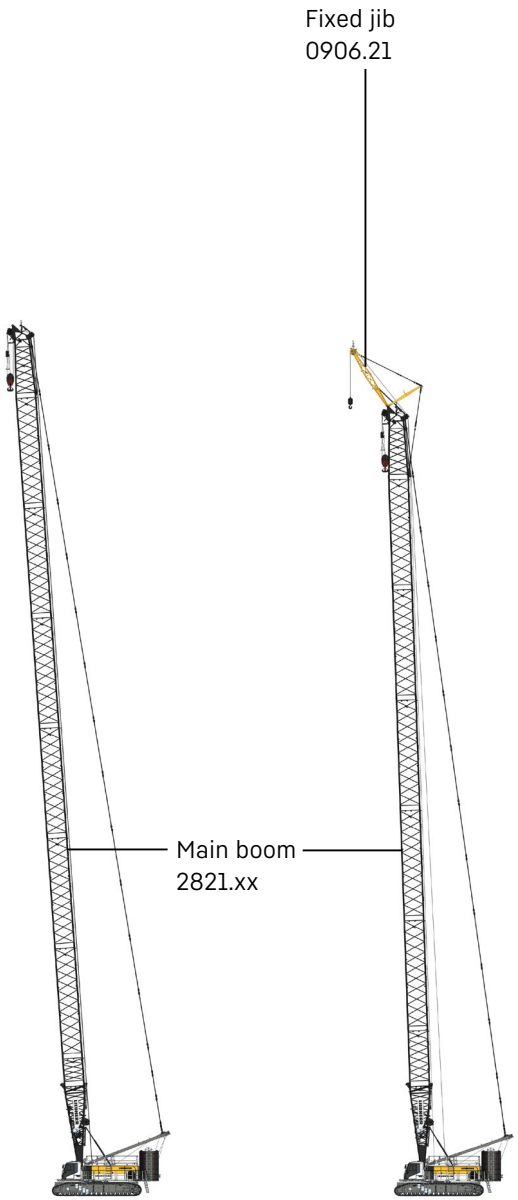


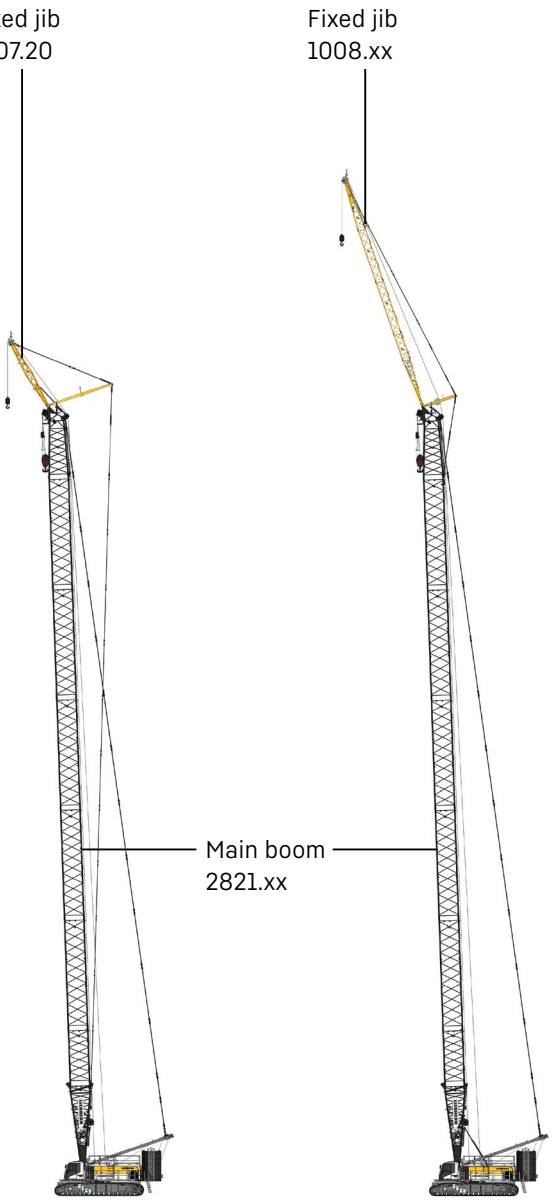
Reeving of hoist and luffing jib ropes



Erecting of main boom and luffing jib

Boom combinations





Main boom		
Mode 1		
Max. length		
2821.xx	m	92

Further information on page 22.

Main boom + fixed jib		
Mode 3		
Max. combination		
2821.xx	m	83
0906.21	m	7
Total length	m	90

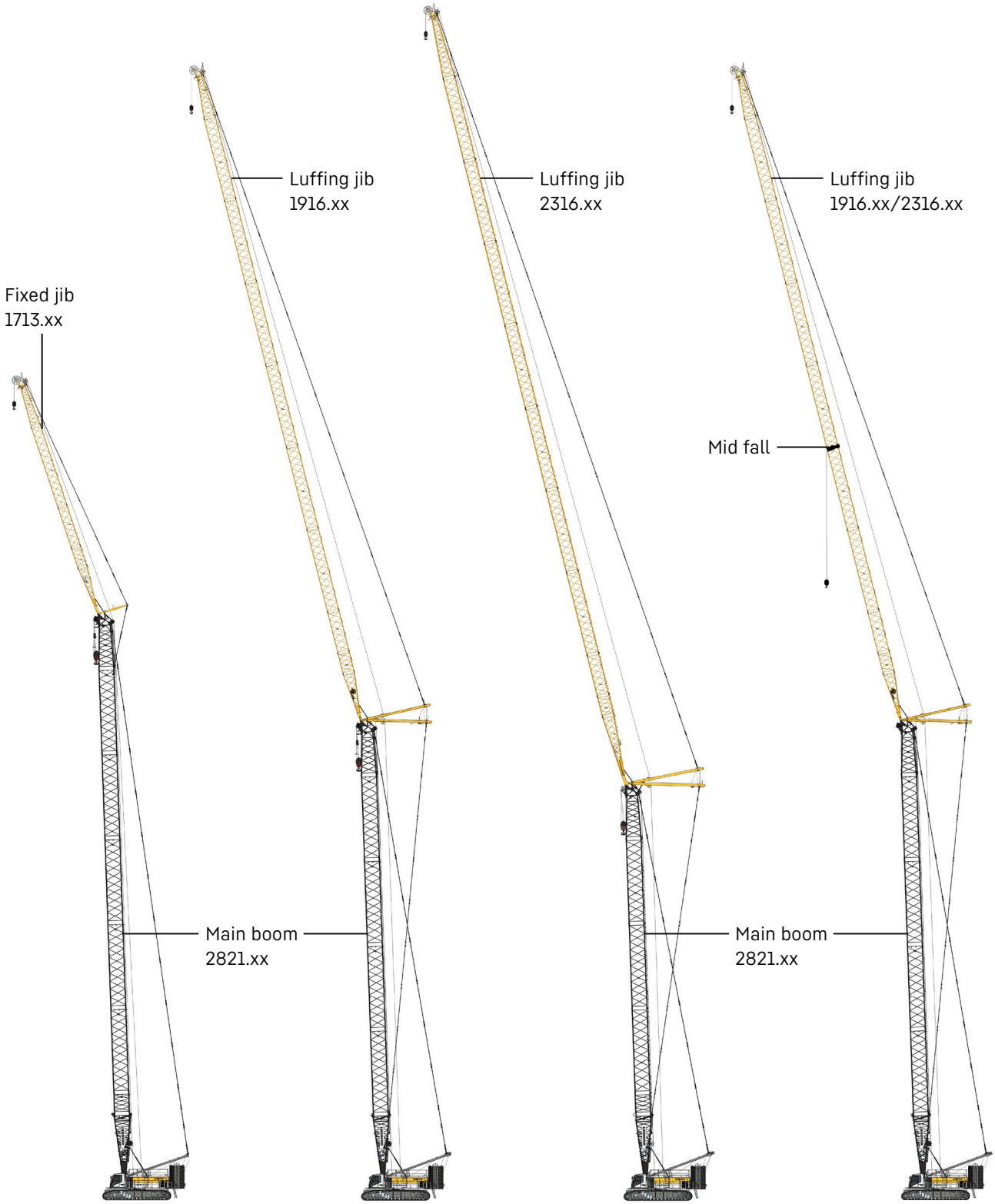
Further information on page 38.

Main boom + fixed jib		
Mode 3		
Max. combination		
2821.xx	m	83
1507.20	m	8
Total length	m	91

Further information on page 36.

Main boom + fixed jib		
Mode 3		
Max. combination		
2821.xx	m	80
1008.xx	m	26
Total length	m	106

Further information on page 44.



Main boom + fixed jib		
Mode 3		
Max. combination		
2821.xx	m	74
1713.xx	m	35
Total length	m	109

Further information on page 40.

Main boom + luffing jib			
Mode 4			
Max. combination			
2821.xx	m	65	71
1916.xx	m	95	44
Total length	m	160	115

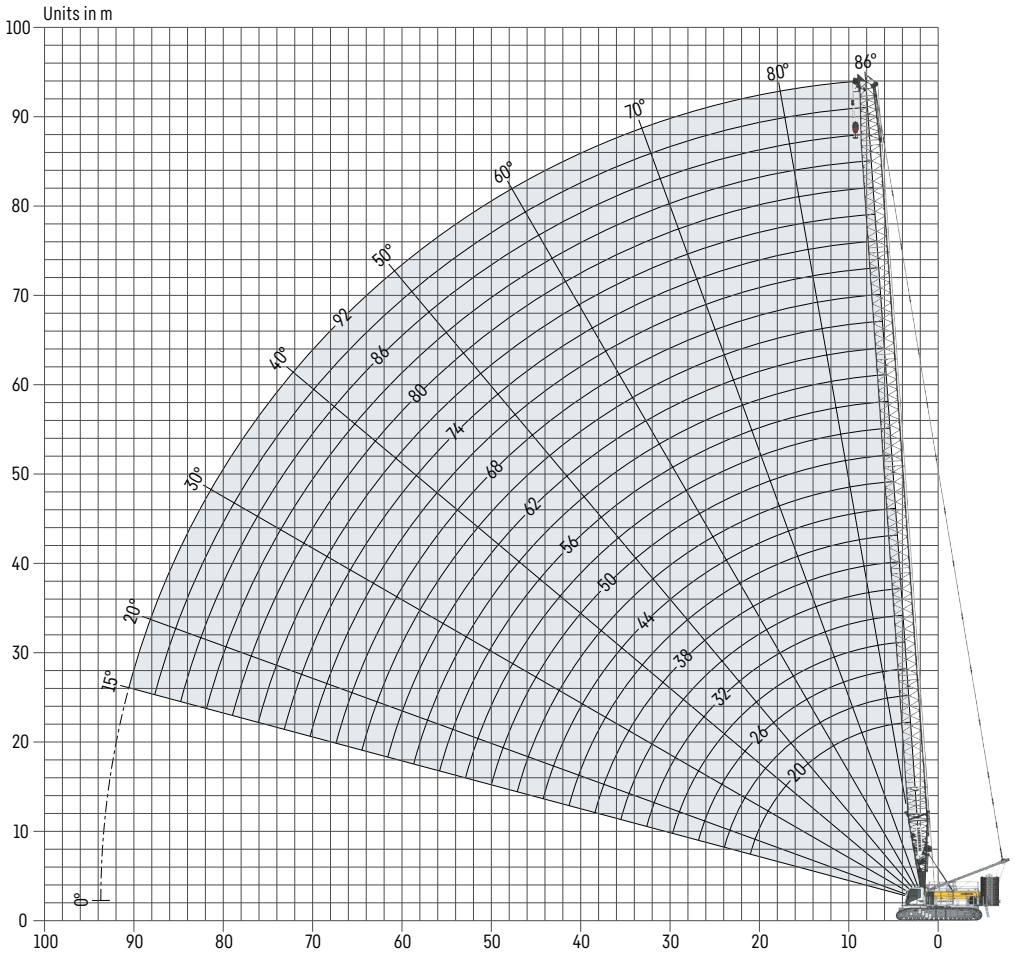
Further information on page 30.

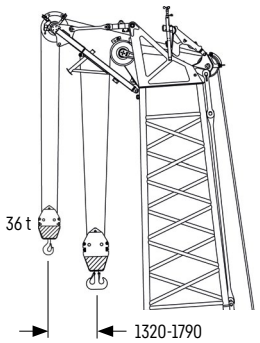
Main boom + luffing jib			
Mode 4			
Max. combination			
2821.xx	m	56	65
2316.xx	m	113	62
Total length	m	169	127

Further information on page 24.

Main boom+ luffing jib + mid fall
Mode 5
Combinations
2821.xx + mid fall
2316.xx + mid fall
See Crane Planner 2.0

Main boom 2821.xx (20-92 m)





Auxiliary jib 36 t (option)
The maximum capacity of the auxiliary jib for the main boom is 36 t. The corresponding load chart is programmed in the LML system.

Main boom configuration 2821.xx

Boom section	**Amount of boom sections**												
Boom foot 10 m	1	1	1	1	1	1	**1**	1	1	1	**1**	1	1
Boom section 3 m	1		1		1		**1**		1		**1**		1
Boom section 6 m		1	1			1	**1**			1	**1**		
Boom section 12 m				1	1	1	**1**	2	2	2	**2**	3	3
Boom head 7 m	1	1	1	1	1	1	**1**	1	1	1	**1**	1	1
Boom length [m]	**20**	**23**	**26**	**29**	**32**	**35**	**38**	**41**	**44**	**47**	**50**	**53**	**56**
Auxiliary jib	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Boom foot 10 m	1	**1**	1	1	1	**1**	1	1	1	**1**	1	1	
Boom section 3 m		**1**		1		**1**		1		**1**		1	
Boom section 6 m	1	**1**			1	**1**			1	**1**			
Boom section 12 m	3	**3**	4	4	4	**4**	5	5	5	**5**	6	6	
Boom head 7 m	1	**1**	1	1	1	**1**	1	1	1	**1**	1	1	
Boom length [m]	**59**	**62**	**65**	**68**	**71**	**74**	**77**	**80**	**83**	**86**	**89**	**92**	
Auxiliary jib	✓	✓	✓	✓	✓	✓	✓	✓	✓				

Load capacities with main boom

Load capacities in [t]

Radius [m]	Boom length [m]											
	20	26	32	38	44	50	56	62	68	74	83	92
4.3	300.5											
5	300.5	299.8										
6	262.9	256.3	245.5	236.5	213.4							
7	229.5	222.2	215.8	206.9	198.3	189.3	169.3					
8	202.6	198.2	191.1	184.6	178.4	168.6	161.4	151.1	135.3			
9	182.4	176.9	173.2	166.0	160.2	154.1	146.1	138.5	131.7	118.7	95.6	
10	164.4	161.2	156.5	152.3	145.7	139.9	134.5	127.6	120.2	111.8	95.6	78.3
11	150.6	147.2	143.0	138.8	135.0	128.4	123.0	117.9	112.0	103.7	91.1	77.9
12	138.4	134.7	132.8	127.3	124.0	119.6	113.5	108.4	103.5	97.8	87.5	75.4
13	127.2	124.4	122.2	118.0	114.4	110.9	106.0	100.5	95.7	90.5	84.9	73.3
14	117.8	116.3	112.8	110.3	106.2	102.8	99.0	94.1	89.1	84.1	79.4	71.8
15	110.2	107.9	104.8	102.5	99.5	95.7	92.3	88.5	83.6	78.6	74.1	68.2
16	102.8	100.5	98.3	95.6	93.5	89.6	86.2	82.8	78.9	73.9	69.6	64.0
18	88.1	88.0	87.0	84.2	82.3	80.0	76.4	73.0	69.6	66.1	62.4	56.8
20	76.2	76.3	76.2	75.6	73.2	71.4	68.8	65.4	61.9	59.1	56.3	51.4
22		67.1	67.0	66.5	66.1	64.2	62.0	59.5	55.8	53.2	50.6	46.6
24		59.6	59.6	59.1	58.6	58.0	56.3	54.0	51.0	48.6	45.8	42.2
25		56.4	56.4	55.9	55.4	54.8	53.8	51.6	48.7	46.7	43.7	40.2
26		53.4	53.4	52.9	52.5	51.9	51.4	49.4	46.6	44.8	41.8	38.4
28			48.3	47.8	47.4	46.8	46.2	45.4	42.8	41.3	38.6	35.2
30			43.9	43.5	43.1	42.4	41.9	41.2	39.5	38.2	35.6	32.6
32			40.1	39.7	39.3	38.7	38.1	37.4	36.8	35.5	32.8	30.1
34				36.4	36.0	35.4	34.9	34.2	33.6	32.9	30.3	27.8
35				34.9	34.6	33.9	33.4	32.7	32.1	31.4	29.2	26.8
36				33.5	33.2	32.6	32.0	31.3	30.7	30.0	28.2	25.8
38				30.9	30.6	30.0	29.5	28.8	28.2	27.4	26.3	23.9
40					28.4	27.8	27.2	26.5	25.9	25.2	24.2	22.3
42					26.3	25.7	25.2	24.5	23.9	23.2	22.2	20.8
44					24.4	23.9	23.4	22.7	22.0	21.3	20.3	19.1
45						23.0	22.5	21.8	21.2	20.5	19.5	18.3
46						22.2	21.7	21.0	20.4	19.7	18.7	17.6
48						20.7	20.2	19.5	18.9	18.2	17.1	16.1
50						19.2	18.8	18.1	17.5	16.8	15.8	14.7
55							15.7	15.2	14.6	13.8	12.8	11.7
60								12.6	12.1	11.4	10.3	9.2
65									10.0	9.3	8.2	7.1
70										7.5	6.5	5.3
75											5.0	3.9
80											3.6	2.5

Carbody counterweight: 57.2 t with 1200 mm flat track pads

Rear counterweight:

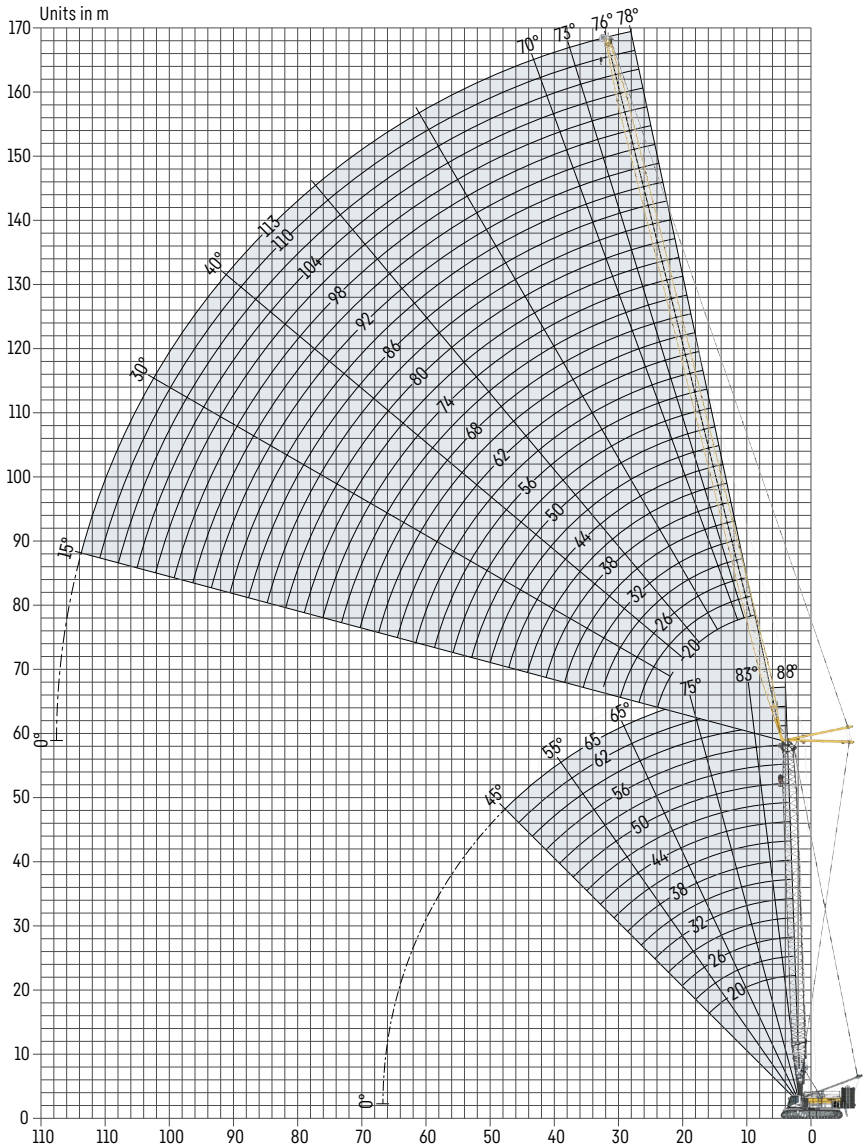
114.0 t

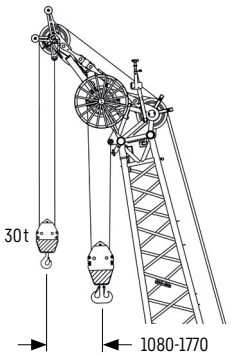
124.0 t

TLT 15220669 / 380916. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

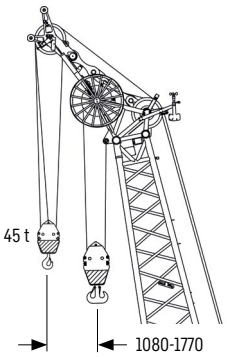
Crane Planner 2.0

Luffing jib 2316.xx (20-113 m)





Auxiliary jib 30 t (option)
The maximum capacity of the auxiliary jib for the luffing jib is 30 t.



Auxiliary jib 45 t (option)
The maximum capacity of the auxiliary jib for the luffing jib is 45 t.

Jib configuration 2316.xx

Jib section	Amount of jib sections															
Jib foot 10 m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Jib section 3 m		1		1		1		1		1		1		1		1
Jib section 6 m			1	1			1	1			1	1			1	1
Jib section 12 m					1	1	1	1	2	2	2	2	3	3	3	3
Jib head 10 m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Jib length [m]	**20**	**23**	**26**	**29**	**32**	**35**	**38**	**41**	**44**	**47**	**50**	**53**	**56**	**59**	**62**	**65**
Auxiliary jib	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Jib foot 10 m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Jib section 3 m		1		1		1		1		1		1		1		1
Jib section 6 m			1	1			1	1			1	1			1	1
Jib section 12 m	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7
Jib head 10 m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Jib length [m]	**68**	**71**	**74**	**77**	**80**	**83**	**86**	**89**	**92**	**95**	**98**	**101**	**104**	**107**	**110**	**113**
Auxiliary jib	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

Maximum load capacity in [t]

Jib length [m] \ Main boom [m]	20	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65
20	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	114.0	107.0	101.3	94.8	89.6	
23	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	113.8	109.4	104.3	99.1	93.4	88.3	82.9	69.6
26	117.0	117.0	117.0	117.0	117.0	117.0	116.5	110.5	105.6	100.5	96.4	91.2	87.0	81.8	77.5	57.6
29	116.5	116.6	115.2	113.9	110.9	107.9	103.3	99.5	94.4	91.0	86.6	83.1	78.7	75.2	71.2	60.3
32	110.0	108.8	107.7	103.4	100.0	95.8	92.4	88.5	85.2	81.6	78.7	75.0	72.0	68.8	66.1	62.8
35	99.0	99.2	97.6	94.8	91.0	88.2	84.5	81.7	78.2	75.6	72.4	69.6	66.5	64.0	61.1	58.6
38	89.2	89.2	89.2	86.2	83.7	80.6	78.0	75.0	72.5	69.6	67.3	64.4	62.1	59.5	57.4	54.4
41	80.5	80.9	79.9	78.5	76.0	74.2	71.6	69.5	66.8	64.6	62.0	60.0	57.6	55.6	53.2	50.7
44	73.3	72.6	72.2	70.9	69.8	67.9	66.3	64.0	62.1	59.6	57.8	55.6	53.9	51.7	50.0	47.0
47	67.4	67.2	66.2	65.4	63.8	62.7	60.9	59.3	57.2	55.5	53.4	51.7	49.7	48.1	46.2	44.0
50	63.4	62.2	61.4	60.1	59.0	57.6	56.5	54.8	53.4	51.4	49.9	48.0	46.6	44.8	43.4	41.0
53	57.6	57.3	56.2	55.5	54.0	53.0	51.5	50.4	48.8	47.6	46.0	44.8	43.1	41.8	40.1	37.8
56	53.2	52.6	52.0	50.9	49.9	48.4	47.4	46.2	45.2	43.9	42.9	41.5	40.3	38.7	37.4	35.2
59	48.7	48.2	47.1	46.5	45.3	44.7	43.5	42.8	41.6	40.5	39.2	38.3	37.0	35.8	34.3	32.5
62	45.3	44.3	43.4	42.6	41.9	41.0	40.3	39.4	38.7	37.3	36.6	35.5	34.7	33.2	32.0	30.3
65	40.4	39.7	38.5	38.2	37.2	36.8	35.9	35.5	34.5	34.0	33.1	32.5	31.5	30.6	29.5	
68	36.4	35.4	34.8	34.2	33.7	33.1	32.6	31.9	31.4	30.8	30.2	29.5	28.9	28.1	27.4	
71	33.7	33.2	32.4	32.1	31.4	31.0	30.4	30.0	29.3	28.8	28.1	27.3	26.5	25.9	25.0	
74	31.7	31.0	30.5	30.0	29.6	29.0	28.6	28.0	27.5	26.9	26.4	25.4	24.8	24.0	23.4	
77	28.6	28.5	27.9	27.6	27.0	26.8	26.2	25.4	24.8	24.4	23.8	23.4	22.6	22.2	21.4	
80	26.1	25.9	25.7	25.3	25.0	24.6	24.3	23.2	22.8	22.3	21.8	21.3	20.9	20.3	19.9	
83	23.6	23.6	23.2	23.0	22.6	22.3	21.7	21.5	21.0	20.7	20.2	19.8	19.3	19.0		
86	22.1	21.7	21.4	21.1	20.8	20.5	20.2	19.8	19.5	19.1	18.8	18.4	18.1	17.6		
89	19.2	19.2	18.8	18.7	18.3	18.1	17.7	17.6	17.1	16.9	16.5	16.2	15.8	15.5		
92	17.4	17.2	17.1	16.9	16.7	16.4	16.2	15.9	15.6	15.3	15.1	14.7	14.4	14.1		
95	16.0	15.9	15.6	15.6	15.3	15.2	14.8	14.7	14.4	14.2	13.9	13.7	13.3	13.0		
98	14.8	14.6	14.4	14.2	14.1	13.9	13.7	13.5	13.3	13.1	12.9	12.6	12.4	12.1		
101	13.6	13.6	13.3	13.3	13.0	12.9	12.7	12.6	12.3	12.2	12.0	11.8	11.4	11.2		
104	12.7	12.6	12.4	12.3	12.1	12.0	11.8	11.6	11.5	11.3	11.2	10.9	10.7	10.4		
107	11.5	11.4	11.2	11.2	11.0	10.9	10.7	10.6	10.4	10.3	10.0	9.9	9.6			
110	10.5	10.3	10.2	10.1	10.0	9.8	9.7	9.5	9.4	9.2	9.1	8.9	8.7			
113		9.6	9.6	9.4	9.3	9.2	9.0	8.9	8.7	8.6	8.4	8.2	8.1			

Example:
To achieve a maximum load capacity of 30 t, a combination of 41 m main boom with 71 m jib length can be selected.

Maximum pulley height in [m]

Jib length [m] \ Main boom [m]	20	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65
20	42.4	45.4	48.4	51.4	54.4	57.3	60.3	63.3	66.3	69.3	72.3	75.3	78.3	81.3	84.3	
23	45.3	48.3	51.3	54.3	57.3	60.3	63.3	66.3	69.3	72.3	75.3	78.3	81.3	84.3	87.3	90.3
26	48.2	51.2	54.2	57.2	60.2	63.2	66.2	69.2	72.2	75.2	78.2	81.2	84.2	87.2	90.2	93.2
29	51.2	54.2	57.2	60.2	63.2	66.2	69.1	72.1	75.1	78.1	81.1	84.1	87.1	90.1	93.1	96.1
32	54.1	57.1	60.1	63.1	66.1	69.1	72.1	75.1	78.1	81.1	84.1	87.1	90.1	93.1	96.1	99.1
35	57.0	60.0	63.0	66.0	69.0	72.0	75.0	78.0	81.0	84.0	87.0	90.0	93.0	96.0	99.0	102.0
38	60.0	63.0	66.0	69.0	72.0	75.0	78.0	81.0	83.9	86.9	89.9	92.9	95.9	98.9	101.9	104.9
41	62.9	65.9	68.9	71.9	74.9	77.9	80.9	83.9	86.9	89.9	92.9	95.9	98.9	101.9	104.9	107.9
44	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8	89.8	92.8	95.8	98.8	101.8	104.8	107.8	110.8
47	68.8	71.8	74.8	77.8	80.8	83.8	86.8	89.8	92.8	95.8	98.7	101.7	104.7	107.7	110.7	113.7
50	71.7	74.7	77.7	80.7	83.7	86.7	89.7	92.7	95.7	98.7	101.7	104.7	107.7	110.7	113.7	116.7
53	74.6	77.6	80.6	83.6	86.6	89.6	92.6	95.6	98.6	101.6	104.6	107.6	110.6	113.6	116.6	119.6
56	77.6	80.6	83.6	86.6	89.6	92.6	95.6	98.6	101.6	104.6	107.6	110.6	113.5	116.5	119.5	122.5
59	80.5	83.5	86.5	89.5	92.5	95.5	98.5	101.5	104.5	107.5	110.5	113.5	116.5	119.5	122.5	125.5
62	83.4	86.4	89.4	92.4	95.4	98.4	101.4	104.4	107.4	110.4	113.4	116.4	119.4	122.4	125.4	128.4
65	86.4	89.4	92.4	95.4	98.4	101.4	104.4	107.4	110.4	113.4	116.4	119.4	122.4	125.4	128.3	
68	89.3	92.3	95.3	98.3	101.3	104.3	107.3	110.3	113.3	116.3	119.3	122.3	125.3	128.3	131.3	
71	92.2	95.2	98.2	101.2	104.2	107.2	110.2	113.2	116.2	119.2	122.2	125.2	128.2	131.2	134.2	
74	95.2	98.2	101.2	104.2	107.2	110.2	113.2	116.2	119.2	122.2	125.2	128.2	131.2	134.2	137.2	
77	98.1	101.1	104.1	107.1	110.1	113.1	116.1	119.1	122.1	125.1	128.1	131.1	134.1	137.1	140.1	
80	101.0	104.0	107.0	110.0	113.0	116.0	119.0	122.0	125.0	128.0	131.0	134.0	137.0	140.0	143.0	
83	104.0	107.0	110.0	113.0	116.0	119.0	122.0	125.0	128.0	131.0	134.0	137.0	140.0	143.0		
86	106.9	109.9	112.9	115.9	118.9	121.9	124.9	127.9	130.9	133.9	136.9	139.9	142.9	145.9		
89	109.9	112.8	115.8	118.8	121.8	124.8	127.8	130.8	133.8	136.8	139.8	142.8	145.8	148.8		
92	112.8	115.8	118.8	121.8	124.8	127.8	130.8	133.8	136.8	139.8	142.8	145.8	148.8	151.8		
95	115.7	118.7	121.7	124.7	127.7	130.7	133.7	136.7	139.7	142.7	145.7	148.7	151.7	154.7		
98	118.7	121.7	124.6	127.6	130.6	133.6	136.6	139.6	142.6	145.6	148.6	151.6	154.6	157.6		
101	121.6	124.6	127.6	130.6	133.6	136.6	139.6	142.6	145.6	148.6	151.6	154.6	157.6	160.6		
104	124.5	127.5	130.5	133.5	136.5	139.5	142.5	145.5	148.5	151.5	154.5	157.5	160.5	163.5		
107	127.5	130.5	133.5	136.5	139.4	142.4	145.4	148.4	151.4	154.4	157.4	160.4	163.4			
110	130.4	133.4	136.4	139.4	142.4	145.4	148.4	151.4	154.4	157.4	160.4	163.4	166.4			
113		136.3	139.3	142.3	145.3	148.3	151.3	154.3	157.3	160.3	163.3	166.3	169.3			

Load capacities with luffing jib

Load capacity in [t] with 20 m main boom [88/83/75/65°]

Radius [m]	Jib length 20 m				Jib length 38 m				Jib length 56 m			
	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °
8.0	117.0											
12	99.5	117.0			89.2							
14	78.0	100.8			73.8							
16	63.8	78.7			59.7				53.2			
18	53.7	64.7	85.3		49.6	63.6			47.3			
20	45.1	53.8	70.6		42.2	52.3			40.5			
22	39.7	45.3	59.7		36.3	44.0			34.0	42.5		
24		39.6	49.7	61.3	32.2	37.8			30.1	38.8		
26			43.8	52.1	29.2	33.1	45.0		26.8	32.8		
28				45.0	26.5	29.9	39.1		24.0	29.6		
30				38.1	24.3	27.0	33.9		21.9	26.1		
32					22.3	24.8	30.2		20.2	23.7	30.1	
34					20.6	22.9	27.6	31.7	18.7	21.6	29.5	
36					19.3	21.3	25.2	27.9	17.3	19.7	25.6	
38					18.0	19.9	23.3	24.8	16.2	18.1	23.2	
40					16.7	18.5	21.7	22.3	15.2	16.8	21.0	
42						17.0	20.1	20.2	14.1	15.7	19.1	
46								17.4	12.2	13.7	16.5	17.9
50									10.8	12.1	14.3	15.0
55									9.3	10.4	12.3	12.1
60											10.3	10.2
65												8.4

Radius [m]	Jib length 74 m				Jib length 92 m				Jib length 110 m			
	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °
20	31.7											
22	30.3											
24	28.2				17.4							
26	25.2				16.8							
28	22.3	28.0			16.4				10.5			
30	20.4	27.6			15.8				10.3			
32	18.5	23.8			14.8				9.9			
34	16.8	21.4			14.0	15.6			9.6			
36	15.4	19.2			13.3	15.2			9.2			
38	14.2	17.3			12.3	14.7			8.9	9.1		
40	13.1	15.9	20.3		11.1	14.3			8.6	9.1		
42	12.1	14.7	19.8		10.1	13.2			8.4	8.9		
44	11.1	13.4	18.0		9.2	12.0			7.8	8.6		
48	9.5	11.3	15.2		7.8	10.0	13.0		6.2	8.0		
50	8.9	10.5	13.9		7.1	9.2	12.7		5.5	7.3		
55	7.5	8.8	11.2	11.8	5.6	7.3	10.9		4.1	5.9	7.5	
60	6.3	7.4	9.4	9.8	4.4	5.7	8.8		2.9	4.7	7.2	
65	5.4	6.2	7.8	8.0	3.6	4.6	6.7	6.7		3.3	6.3	
70	4.6	5.3	6.6	6.4	2.8	3.6	5.2	5.7		2.2	4.7	
75	3.4	4.3	5.5	5.2	2.1	2.8	4.0	4.6			3.2	3.1
80				4.2		2.1	3.0	3.2				2.6
85							2.3	2.2				

Carbody counterweight: 57.2 t with 1200 mm flat track pads

Rear counterweight:

114.0 t

124.0 t

TLT 15220669 / 380916. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

Load capacities with luffing jib

Load capacity in [t] with 35 m main boom [88/83/75/65°]

Radius [m]	Jib length 20 m				Jib length 38 m				Jib length 56 m			
	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °
8.5	117.0											
12	116.4											
13	107.8				80.6							
14	101.1	101.9			79.8							
16	81.4	89.2			73.9				48.4			
18	67.6	79.4			65.5				47.5			
20	56.2	71.5			54.5	65.9			45.5			
22	48.2	62.9	63.0		46.4	59.7			41.3			
24		55.8	57.3		40.8	54.3			38.0	42.8		
26		48.5	53.2		36.2	50.4			34.3	42.0		
28			49.8		32.6	45.4			30.8	40.6		
30			46.4	43.3	30.0	41.5	42.7		28.1	38.6		
32				40.1	27.6	38.1	40.4		25.8	36.4		
36				34.7	23.9	31.2	34.8		21.9	32.2	31.1	
40					20.9	26.6	31.0	29.2	19.1	27.2	28.6	
42						24.7	29.4	27.5	17.8	25.4	27.0	
48							25.3	23.2	14.7	20.0	23.7	
50								22.1	13.8	18.5	22.6	
55									12.1	15.7	19.9	18.2
60										13.3	18.0	16.2
65											16.0	14.4
70												12.9

Radius [m]	Jib length 74 m				Jib length 92 m				Jib length 113 m			
	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °
20	29.0											
22	28.6											
24	27.5				16.4							
26	26.8				16.2							
28	26.2				15.8				9.2			
30	25.8	26.4			15.5				9.1			
32	24.6	26.1			15.1				8.8			
36	20.7	25.2			14.4	15.0			8.4			
38	19.2	24.5			14.1	14.7			8.1			
42	16.7	23.5			12.9	14.1			7.8	8.0		
46	14.4	21.3	21.9		12.0	13.4			7.4	7.6		
50	12.6	18.9	19.9		10.9	12.8			7.1	7.4		
55	10.8	16.5	17.7		8.9	12.0	12.8		6.7	6.9		
60	9.1	13.7	16.0		7.4	11.1	12.2		6.0	6.6	6.6	
65	7.8	11.3	14.4	13.0	6.1	10.4	11.3		4.5	6.2	6.4	
75	5.6	8.0	11.8	10.4	4.0	7.1	9.6	8.6	2.3	5.2	5.8	
80			10.5	9.3	3.1	5.7	8.6	7.8			5.4	
85				8.3	2.4	4.6	7.8	7.0				4.8
90						3.5	7.0	6.2				4.2
95						2.6	6.0	5.4				
100							5.0	4.7				
105								4.2				

Carbody counterweight: 57.2 t with 1200 mm flat track pads

Rear counterweight:

114.0 t

124.0 t

TLT 15220669 / 380916. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

Load capacities with luffing jib

Load capacity in [t] with 50 m main boom [88/83/75/65°]

Radius [m]	Jib length 20 m				Jib length 38 m				Jib length 56 m			
	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °
9.1	114.0											
12	99.2											
14	87.5				67.0							
16	74.0	80.3			64.6							
18	63.1	72.3			57.6				42.7			
20	53.4	65.3			49.9				41.2			
22	46.5	59.6			42.8	53.6			38.1			
24		54.6			37.9	49.4			34.4			
26		50.1	47.9		34.0	45.0			31.6	38.8		
28		45.0	44.4		30.8	41.7			28.6	37.5		
30			41.5		28.3	38.7			26.1	35.0		
34			37.0		24.2	33.9	32.8		22.4	30.7		
36				31.0	22.7	31.2	31.2		20.7	29.1		
40				27.2	20.2	26.7	28.2		18.1	25.8	24.3	
42				25.6		24.9	26.7		17.0	24.4	23.6	
46							23.8		15.0	21.7	21.5	
48							22.8	20.3	14.1	20.1	20.4	
50							21.9	19.2	13.3	18.7	19.5	
55								17.0	11.7	15.6	17.5	
60								15.0		13.4	15.8	13.7
70											11.8	10.8
75												9.7

Radius [m]	Jib length 74 m				Jib length 92 m				Jib length 113 m			
	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °
22	26.3											
24	25.4											
26	24.8				15.0							
28	23.9				14.7							
30	23.3				14.5				8.4			
32	22.6	24.3			14.2				8.3			
34	20.8	24.1			13.8				8.0			
38	17.9	23.2			13.3	14.0			7.7			
40	16.8	22.2			12.7	13.7			7.5			
44	14.6	20.6			11.4	13.2			7.2	7.4		
48	12.7	18.9	17.3		10.5	12.5			6.7	7.2		
50	11.9	18.0	17.1		10.0	12.2			6.4	7.0		
55	10.2	16.1	15.2		8.2	11.6	11.4		5.8	6.6		
60	8.7	13.8	13.6		6.8	10.7	10.7		5.2	6.3		
65	7.4	11.5	12.4		5.7	10.1	9.7		3.9	5.9	6.2	
70	6.4	9.6	11.2	9.1	4.6	9.0	8.6		2.9	5.4	5.9	
75	5.4	8.2	10.2	8.1	3.7	7.3	7.8		2.0	4.9	5.3	
80		6.8	9.3	7.2	2.9	5.9	7.0	5.3		4.6	4.7	
85			8.5	6.5	2.2	4.8	6.2	4.5			4.0	
90				5.7		3.8	5.6	3.9				
95				5.0		2.8	5.0	3.3				
105							3.4	2.3				

Carbody counterweight: 57.2 t with 1200 mm flat track pads

Rear counterweight:

114.0 t

124.0 t

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Load capacities with luffing jib

Load capacity in [t] with 65 m main boom [88/83/75/65°]

Radius [m]	Jib length 23 m				Jib length 29 m				Jib length 35 m			
	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °
10.2	69.6											
12	68.1				60.3							
14	65.7				58.6				58.0			
16	62.9				56.5				55.0			
18	55.1	58.0			51.5				51.9			
20	48.1	54.4			46.9	51.1			44.9			
22	42.1	50.6			41.0	48.0			39.6	46.2		
24	37.3	46.5			36.6	44.5			35.2	43.3		
26	33.9	43.4			33.2	41.5			31.6	40.0		
28		40.3			30.3	38.6			28.9	37.6		
30		37.8	34.4		28.1	36.4			26.7	35.0		
32		35.6	32.5		26.2	34.0			24.8	32.6		
34			30.6			32.0	29.4		23.2	30.8		
36			29.0			30.4	27.8		21.8	28.9	26.8	
38			27.6			28.6	26.5		20.4	27.3	25.4	
42							24.0			24.3	22.9	
44				19.8			23.0			22.7	21.9	
46				18.9			22.2				21.0	
48				18.0				17.1			20.2	
50				17.1				16.3			19.4	
55								14.6				13.9
60												12.5

Radius [m]	Jib length 44 m				Jib length 53 m				Jib length 62 m			
	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °
16	46.6											
18	45.1				37.5							
20	41.0				36.2				30.2			
22	37.5				33.6				29.3			
24	32.9	39.6			31.0				28.0			
26	29.5	38.2			28.3				26.2			
28	27.0	35.6			25.6	33.0			25.0			
30	24.8	33.0			23.6	31.0			22.8	28.3		
34	21.5	29.0			20.2	27.1			19.4	25.8		
40	17.5	24.4	22.8		16.5	22.9			15.6	21.7		
44	15.7	21.6	20.6		14.5	20.7	19.0		13.8	19.6		
46	15.0	20.4	19.5		13.6	19.6	18.1		13.0	18.6		
48		19.2	18.6		12.8	18.3	17.4		12.2	17.7	16.3	
50		18.1	17.9		12.2	17.2	16.6		11.5	17.0	15.5	
55			16.2		10.6	14.9	14.9		9.9	14.6	13.8	
60			14.8	11.4		12.8	13.4		8.7	12.4	12.6	
65				10.3			12.3	9.0	7.2	10.8	11.3	
70				9.3			11.2	8.1		9.2	10.2	7.1
75								7.2			9.4	6.3
80								6.5				5.6
85												4.9
90												4.4

Carbody counterweight: 57.2 t with 1200 mm flat track pads

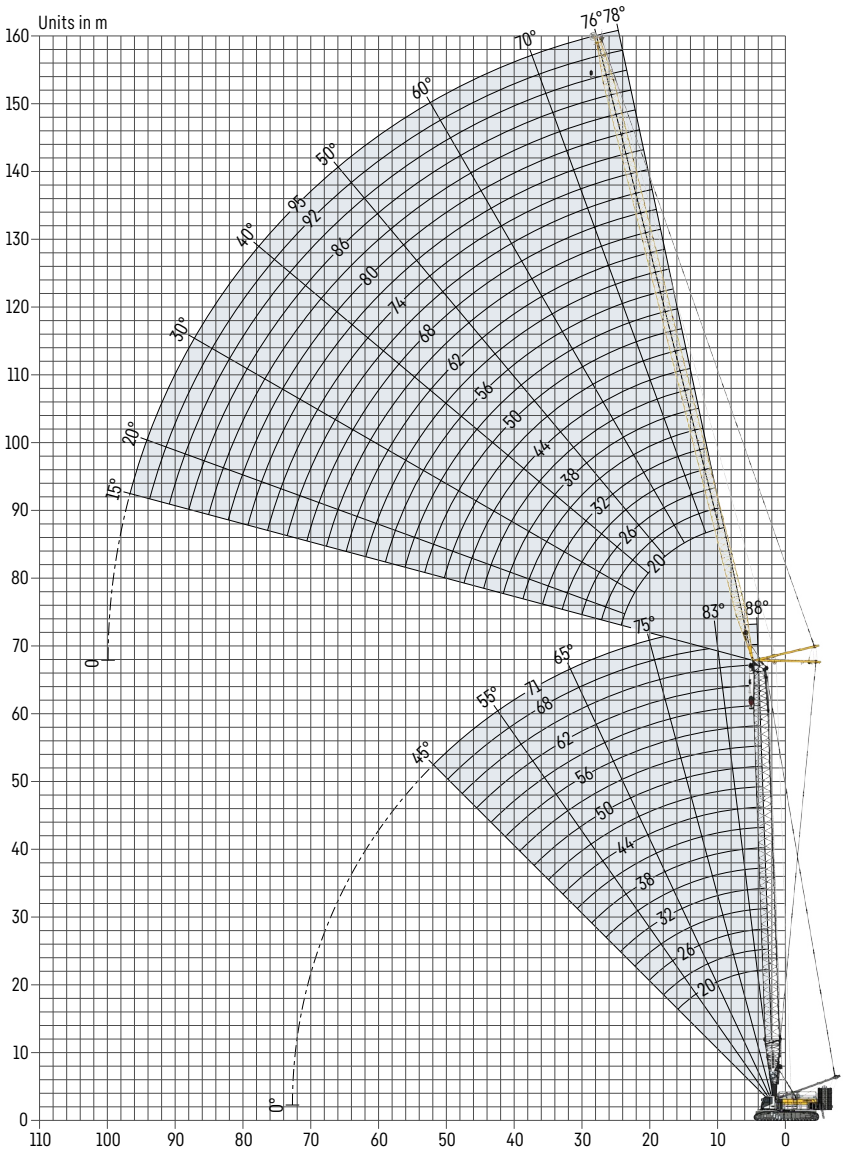
Rear counterweight:

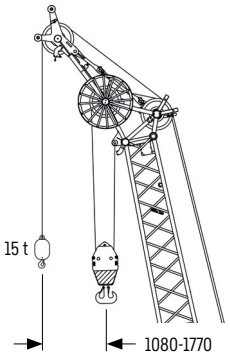
114.0 t

124.0 t

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Luffing jib 1916.xx (20-95 m)





Auxiliary jib 15 t (option)
The maximum capacity of the auxiliary jib for the luffing jib is 15 t.

Jib configuration 1916.xx

Jib section	Amount of jib sections												
Jib foot 7 m	1	1	1	1	1	**1**	1	1	1	**1**	1	1	1
Jib section 3 m		1		1		**1**		1		**1**		1	
Jib section 6 m	1	1			1	**1**			1	**1**			1
Jib section 12 m			1	1	1	**1**	2	2	2	**2**	3	3	3
Jib head 7 m	1	1	1	1	1	**1**	1	1	1	**1**	1	1	1
Jib length [m]	**20**	**23**	**26**	**29**	**32**	**35**	**38**	**41**	**44**	**47**	**50**	**53**	**56**
Auxiliary jib	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Jib foot 7 m	**1**	1	1	1	**1**	1	1	1	**1**	1	1	1	**1**
Jib section 3 m	**1**		1		**1**		1		**1**		1		**1**
Jib section 6 m	**1**			1	**1**			1	**1**			1	**1**
Jib section 12 m	**3**	4	4	4	**4**	5	5	5	**5**	6	6	6	**6**
Jib head 7 m	**1**	1	1	1	**1**	1	1	1	**1**	1	1	1	**1**
Jib length [m]	**59**	**62**	**65**	**68**	**71**	**74**	**77**	**80**	**83**	**86**	**89**	**92**	**95**
Auxiliary jib	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

Maximum load capacity in [t]

Jib length [m] \ Main boom [m]	29	32	35	38	41	44	47	50	53	56	59	62	65	68	71
20	86.9	86.1	85.4	84.5	83.8	82.8	81.9	78.7	76.1	72.8	70.1	67.0	64.5	61.5	59.2
23	78.8	78.7	77.3	77.1	75.6	74.5	72.9	71.3	68.7	66.6	63.7	61.6	59.0	56.8	54.2
26	72.2	71.3	70.6	69.6	68.9	67.1	65.9	64.1	62.6	60.3	58.4	56.2	54.5	52.2	50.3
29	64.7	64.2	62.8	62.6	61.2	60.5	58.8	57.9	56.1	54.8	52.8	51.4	49.4	47.9	46.0
32	58.5	57.4	56.8	55.8	55.1	53.9	53.0	51.8	50.8	49.4	48.4	46.6	45.3	43.8	42.5
35	51.3	51.3	50.2	49.6	48.3	48.1	46.8	46.3	45.0	44.5	43.2	42.4	41.0	40.1	38.8
38	45.8	45.3	44.8	43.7	43.0	42.4	41.9	41.1	40.4	39.7	39.0	38.2	37.5	36.5	35.7
41	40.7	40.6	39.8	39.6	38.7	38.5	37.7	37.3	36.4	36.1	35.2	34.4	33.4	32.9	31.8
44	36.8	36.4	36.0	35.6	35.3	34.7	34.2	33.6	33.1	32.6	32.1	30.9	30.4	29.6	29.0
47	32.7	32.6	32.0	31.9	31.3	31.1	30.4	30.2	29.4	29.3	28.6	28.3	27.6	27.2	
50	29.8	29.5	29.3	28.9	28.7	28.2	27.9	27.4	26.9	26.5	26.2	25.7	25.3	24.8	
53	27.0	26.9	26.4	26.4	25.9	25.8	25.2	25.0	24.4	24.3	23.8	23.0	22.4	22.2	
56	24.7	24.4	24.1	23.9	23.7	23.3	23.0	22.6	22.4	22.1	21.8	20.8	20.6	20.1	
59	21.4	21.4	21.0	20.9	20.5	20.4	20.0	20.0	19.6	19.4	19.0	18.9	18.6	18.3	
62	19.3	19.2	19.0	18.7	18.5	18.2	18.1	17.9	17.7	17.4	17.2	17.1	17.0	16.6	
65	17.5	17.6	17.3	17.2	16.8	16.8	16.4	16.4	16.1	16.0	15.7	15.6	15.3	15.1	
68	16.1	16.0	15.9	15.7	15.5	15.3	15.1	15.0	14.9	14.6	14.4	14.2	14.0	13.7	
71	14.4	14.4	14.2	14.2	14.0	13.9	13.6	13.6	13.4	13.3	13.0	12.9	12.6	12.5	
74	13.0	13.0	12.9	12.8	12.7	12.5	12.4	12.3	12.2	12.0	11.9	11.7	11.5	11.3	
77	11.7	11.8	11.6	11.6	11.4	11.4	11.2	11.1	10.9	10.9	10.7	10.6	10.4		
80	10.6	10.6	10.5	10.4	10.3	10.2	10.2	10.0	9.9	9.8	9.7	9.5	9.4		
83	9.6	9.6	9.4	9.4	9.2	9.3	9.1	9.1	8.9	8.9	8.7	8.6	8.5		
86	8.7	8.6	8.5	8.4	8.4	8.3	8.2	8.1	8.1	8.0	7.9	7.8	7.7		
89	7.6	7.6	7.5	7.5	7.4	7.4	7.2	7.2	7.1	7.1	6.9	6.9	6.8		
92	6.8	6.7	6.7	6.6	6.5	6.5	6.4	6.4	6.3	6.2	6.2	6.1	6.0		
95	6.2	6.2	6.1	6.1	6.0	6.0	5.9	5.8	5.8	5.7	5.7	5.6	5.6		

Example: To achieve a maximum load capacity of 15 t, a combination of 50 m main boom with 68 m jib length can be selected.

Maximum pulley height in [m]

Jib length [m] \ Main boom [m]	29	32	35	38	41	44	47	50	53	56	59	62	65	68	71
20	51.4	54.4	57.3	60.3	63.3	66.3	69.3	72.3	75.3	78.3	81.3	84.3	87.3	90.3	93.3
23	54.3	57.3	60.3	63.3	66.3	69.3	72.3	75.3	78.3	81.3	84.3	87.3	90.3	93.3	96.3
26	57.2	60.2	63.2	66.2	69.2	72.2	75.2	78.2	81.2	84.2	87.2	90.2	93.2	96.2	99.2
29	60.2	63.2	66.2	69.1	72.1	75.1	78.1	81.1	84.1	87.1	90.1	93.1	96.1	99.1	102.1
32	63.1	66.1	69.1	72.1	75.1	78.1	81.1	84.1	87.1	90.1	93.1	96.1	99.1	102.1	105.1
35	66.0	69.0	72.0	75.0	78.0	81.0	84.0	87.0	90.0	93.0	96.0	99.0	102.0	105.0	108.0
38	69.0	72.0	75.0	78.0	81.0	83.9	86.9	89.9	92.9	95.9	98.9	101.9	104.9	107.9	110.9
41	71.9	74.9	77.9	80.9	83.9	86.9	89.9	92.9	95.9	98.9	101.9	104.9	107.9	110.9	113.9
44	74.8	77.8	80.8	83.8	86.8	89.8	92.8	95.8	98.8	101.8	104.8	107.8	110.8	113.8	116.8
47	77.8	80.8	83.8	86.8	89.8	92.8	95.8	98.7	101.7	104.7	107.7	110.7	113.7	116.7	
50	80.7	83.7	86.7	89.7	92.7	95.7	98.7	101.7	104.7	107.7	110.7	113.7	116.7	119.7	
53	83.6	86.6	89.6	92.6	95.6	98.6	101.6	104.6	107.6	110.6	113.6	116.6	119.6	122.6	
56	86.6	89.6	92.6	95.6	98.6	101.6	104.6	107.6	110.6	113.5	116.5	119.5	122.5	125.5	
59	89.5	92.5	95.5	98.5	101.5	104.5	107.5	110.5	113.5	116.5	119.5	122.5	125.5	128.5	
62	92.4	95.4	98.4	101.4	104.4	107.4	110.4	113.4	116.4	119.4	122.4	125.4	128.4	131.4	
65	95.4	98.4	101.4	104.4	107.4	110.4	113.4	116.4	119.4	122.4	125.4	128.3	131.3	134.3	
68	98.3	101.3	104.3	107.3	110.3	113.3	116.3	119.3	122.3	125.3	128.3	131.3	134.3	137.3	
71	101.2	104.2	107.2	110.2	113.2	116.2	119.2	122.2	125.2	128.2	131.2	134.2	137.2	140.2	
74	104.2	107.2	110.2	113.2	116.2	119.2	122.2	125.2	128.2	131.2	134.2	137.2	140.2	143.1	
77	107.1	110.1	113.1	116.1	119.1	122.1	125.1	128.1	131.1	134.1	137.1	140.1	143.1		
80	110.0	113.0	116.0	119.0	122.0	125.0	128.0	131.0	134.0	137.0	140.0	143.0	146.0		
83	113.0	116.0	119.0	122.0	125.0	128.0	131.0	134.0	137.0	140.0	143.0	146.0	149.0		
86	115.9	118.9	121.9	124.9	127.9	130.9	133.9	136.9	139.9	142.9	145.9	148.9	151.9		
89	118.8	121.8	124.8	127.8	130.8	133.8	136.8	139.8	142.8	145.8	148.8	151.8	154.8		
92	121.8	124.8	127.8	130.8	133.8	136.8	139.8	142.8	145.8	148.8	151.8	154.8	157.8		
95	124.7	127.7	130.7	133.7	136.7	139.7	142.7	145.7	148.7	151.7	154.7	157.7	160.7		

Load capacities with luffing jib

Load capacity in [t] with 29 m main boom [88/83/75/65°]

Radius [m]	Jib length 20 m				Jib length 35 m				Jib length 50 m			
	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °
8.3	86.9											
10	82.1											
12	75.9				51.0							
14	69.2	77.1			46.5							
16	61.5	70.5			42.6				29.1			
18	54.8	62.0			39.1	42.9			27.6			
20	48.3	56.5	66.7		36.3	39.6			26.1			
22	38.8	50.8	59.7		33.8	36.6			25.0	26.2		
24		43.3	54.6		31.5	34.4			24.0	24.9		
26			50.4		29.7	32.3	36.3		23.2	24.1		
28			45.0	49.8	27.9	30.6	34.4		22.5	23.4		
30				46.5	26.3	28.9	32.7		21.8	22.9		
32				43.2	24.9	27.2	31.0		21.2	22.3	23.2	
34				40.2	22.9	25.8	29.5		20.7	21.7	22.7	
36					20.5	24.0	27.8	32.0	20.2	21.3	22.2	
38						21.9	26.3	30.5	19.2	20.9	21.8	
40						19.6	24.8	29.0	18.3	20.0	21.3	
42							22.9	27.4	17.5	19.2	21.0	
46								24.6	15.8	17.8	19.4	20.9
50									13.0	15.5	17.9	20.1
55										11.3	15.3	17.9
60												15.7

Radius [m]	Jib length 65 m				Jib length 80 m				Jib length 95 m			
	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °
18	17.5											
20	16.8											
22	16.1				10.6							
24	15.5				10.1				6.2			
26	15.0	15.3			9.7				6.1			
28	14.5	15.0			9.4				5.8			
30	14.1	14.6			9.2				5.7			
32	13.8	14.2			9.0	9.3			5.5			
34	13.5	13.8			8.7	9.0			5.3			
38	12.8	13.3			8.2	8.5			5.0	5.2		
42	12.3	12.6	13.2		7.9	8.1			4.7	4.9		
46	11.8	12.2	12.7		7.6	7.8	8.1		4.4	4.6		
50	11.2	11.6	12.2		7.2	7.4	7.7		4.2	4.4		
55	10.6	11.0	11.6	12.0	7.0	7.1	7.3		3.8	4.0	4.3	
60	9.4	10.3	11.0	11.6	6.7	6.8	7.0		3.5	3.6	4.0	
65	7.7	8.8	10.3	11.1	6.4	6.6	6.7	6.9	3.2	3.4	3.6	
70			9.1	10.6	6.2	6.3	6.5	6.6	2.8	3.0	3.3	3.5
75				9.6	5.4	5.8	6.3	6.4	2.5	2.7	3.0	3.3
80					4.6	5.3	5.9	6.3	2.3	2.4	2.7	3.0
85							5.6	6.1		2.2	2.4	2.7
90								6.0			2.2	2.4
95												2.2

Carbody counterweight: 57.2 t with 1200 mm flat track pads

Rear counterweight:

114.0 t

124.0 t

TLT 15220669 / 380916. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

Load capacities with luffing jib

Load capacity in [t] with 44 m main boom [88/83/75/65°]

Radius [m]	Jib length 20 m				Jib length 35 m				Jib length 50 m			
	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °
8.9	82.8											
10	78.9											
12	70.5				48.1							
16	57.0	69.2			41.5				28.0			
20	47.7	55.4			35.8	40.3			25.4			
22	41.5	50.8			33.6	37.5			24.3			
24		46.7	54.1		31.4	35.1			23.4	24.5		
26		41.3	50.0		29.7	33.3			22.6	23.7		
28			46.8		28.1	31.5			22.0	23.2		
30			43.8		26.6	30.2	35.0		21.4	22.5		
32			40.9		25.2	28.6	33.5		20.9	22.0		
34				36.2	23.7	27.0	32.0		20.5	21.6		
36				34.2	21.6	25.7	30.6		20.1	21.1	22.3	
38				32.4	19.4	24.1	29.2		19.5	20.7	22.0	
40				30.5		22.1	27.6		18.7	20.4	21.5	
42						20.1	26.3	26.6	18.0	19.6	21.1	
46							23.2	24.7	16.7	18.2	20.4	
48							21.4	23.6	15.3	17.7	19.8	
50								22.6	13.9	16.8	19.0	
55								20.4		13.6	17.5	18.5
60											14.8	17.0
70												13.1

Radius [m]	Jib length 65 m				Jib length 80 m				Jib length 95 m			
	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °
20	16.4											
22	15.6				10.2							
24	15.0				9.8							
26	14.6				9.5				5.9			
28	14.2	14.8			9.2				5.7			
30	13.8	14.5			8.9				5.5			
32	13.5	14.2			8.7	9.0			5.3			
34	13.2	13.8			8.5	8.9			5.2			
38	12.7	13.3			8.0	8.5			4.9	5.2		
42	12.1	12.7			7.7	8.0			4.6	4.8		
46	11.7	12.2	12.9		7.4	7.7			4.3	4.6		
50	11.2	11.8	12.5		7.1	7.4	7.8		4.1	4.3		
55	10.6	11.2	11.9		6.8	7.0	7.4		3.8	4.0	4.3	
60	9.7	10.8	11.5	11.9	6.5	6.8	7.1		3.4	3.7	4.0	
65	8.2	9.6	11.1	11.5	6.3	6.5	6.8		3.2	3.4	3.8	
70		8.2	10.3	11.1	6.1	6.3	6.5	6.7	2.8	3.1	3.5	
75			9.1	10.8	5.5	6.0	6.3	6.5	2.5	2.8	3.2	
80				10.0	4.9	5.6	6.2	6.3	2.3	2.5	2.9	3.2
85						5.1	5.9	6.2	2.0	2.3	2.6	3.0
90							5.6	6.1		2.0	2.4	2.7
95								6.1			2.2	2.5
105												2.1

Carbody counterweight: 57.2 t with 1200 mm flat track pads

Rear counterweight:

114.0 t

124.0 t

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Load capacities with luffing jib

Load capacity in [t] with 59 m main boom [88/83/75/65°]

Radius [m]	Jib length 20 m				Jib length 35 m				Jib length 50 m			
	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °
9.4	70.1											
12	62.2											
14	55.5				42.0							
16	50.3				39.2				26.2			
18	46.2	58.6			36.8				25.3			
20	42.4	52.5			34.2				24.2			
22	39.2	47.4			32.3	36.2			23.1			
24	35.2	44.0			30.4	34.0			22.4			
26		41.2			28.8	32.2			21.8	23.0		
28		38.4	41.4		27.6	30.8			21.3	22.5		
30			38.5		26.1	29.3			20.8	22.0		
32			36.3		24.8	28.2			20.3	21.6		
36			32.6		21.8	25.4	29.1		19.4	20.8		
40				26.2		23.0	26.3		18.3	20.0	21.2	
44				23.8			24.0		17.2	19.0	20.6	
46				22.9			23.1		16.7	18.4	20.2	
48							22.2		15.6	17.9	19.6	
50							21.4	19.0	14.3	17.4	19.1	
55								17.2		14.8	17.5	
60								15.8			16.0	14.1
65											14.0	12.9
75												11.1

Radius [m]	Jib length 65 m				Jib length 80 m				Jib length 95 m			
	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °
20	15.6											
22	14.9				9.7							
24	14.4				9.5							
26	13.9				9.1				5.7			
30	13.2	14.0			8.6				5.3			
34	12.6	13.4			8.3	8.6			5.0			
38	12.2	12.9			7.8	8.3			4.7			
42	11.6	12.4			7.5	8.0			4.5	4.8		
46	11.3	11.9	12.5		7.2	7.6			4.2	4.5		
50	10.7	11.5	12.2		6.9	7.3			4.0	4.3		
55	10.1	11.0	11.8		6.6	7.0	7.4		3.7	4.0		
60	9.4	10.5	11.4		6.4	6.7	7.1		3.4	3.7	4.1	
65	8.2	9.8	11.0		6.2	6.5	6.8		3.1	3.4	3.8	
70		8.6	10.6	9.9	6.0	6.2	6.5		2.8	3.2	3.6	
75			9.8	9.2	5.6	6.1	6.3	6.5	2.5	2.8	3.3	
80			8.8	8.5	5.0	5.7	6.2	6.3	2.2	2.6	3.1	
85				8.0		5.3	6.0	6.1		2.3	2.8	3.2
90				7.4			5.8	5.9		2.1	2.5	2.9
95							5.6	5.8			2.3	2.7
100								5.4			2.1	2.5
105								4.4				2.3
110												2.1

Carbody counterweight: 57.2 t with 1200 mm flat track pads

Rear counterweight:

114.0 t

124.0 t

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Load capacities with luffing jib

Load capacity in [t] with 71 m main boom [88/83/75/65°]

Radius [m]	Jib length 20 m				Jib length 23 m				Jib length 26 m			
	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °
9.8	59.2											
11	59.2				54.2				50.3			
12	56.2				54.1				50.1			
14	50.4				49.8				48.1			
16	45.7				45.0				44.5			
18	41.8	53.5			41.2				41.0			
20	38.5	50.1			38.2	48.4			37.7	45.4		
22	35.9	45.1			35.7	44.7			35.3	44.4		
24	33.8	41.0			33.7	41.2			33.4	40.9		
26		38.6			31.6	38.5			31.7	38.4		
28		36.6				36.5			29.9	36.4		
30		34.9	30.1			34.8			27.6	34.8		
32			31.9			32.8	31.3			33.3		
34			30.0				29.5			31.5	29.2	
36			28.4				28.0			28.9	27.6	
38			27.2				26.6				26.3	
40			26.0				25.4				25.1	
42							24.4				24.0	
46				19.1							22.0	
48				18.2				17.9				
50				17.6				17.2				16.9
55								15.6				15.4

Radius [m]	Jib length 32 m				Jib length 38 m				Jib length 44 m			
	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °	88 °	83 °	75 °	65 °
13	42.4											
14	41.8				35.7							
16	40.0				34.1				28.7			
18	37.8				32.0				27.2			
20	35.4				30.3				25.6			
22	33.5	37.6			28.5				24.3			
24	31.6	36.2			27.2	30.7			22.9			
26	30.2	34.7			25.9	29.5			21.8	24.8		
28	28.6	33.4			24.8	28.3			20.9	24.0		
30	27.1	31.9			23.9	27.4			19.9	23.0		
32	25.8	30.8			22.8	26.2			19.1	22.1		
34	23.8	29.4			21.9	25.2			18.4	21.2		
36	21.7	28.1	26.3		21.0	24.5			17.6	20.3		
38		27.0	25.0		20.0	23.4	23.5		16.8	19.5		
42		22.8	22.8		17.6	21.5	21.8		15.4	18.0	20.3	
46			20.9			19.4	20.0		14.1	16.5	18.6	
50			19.4				18.4			15.2	17.2	
55				14.6			16.9	12.9			15.6	
60				13.3				12.8			14.4	11.9
65								11.7				10.9
70								9.0				10.0
75												9.3

Carbody counterweight: 57.2 t with 1200 mm flat track pads

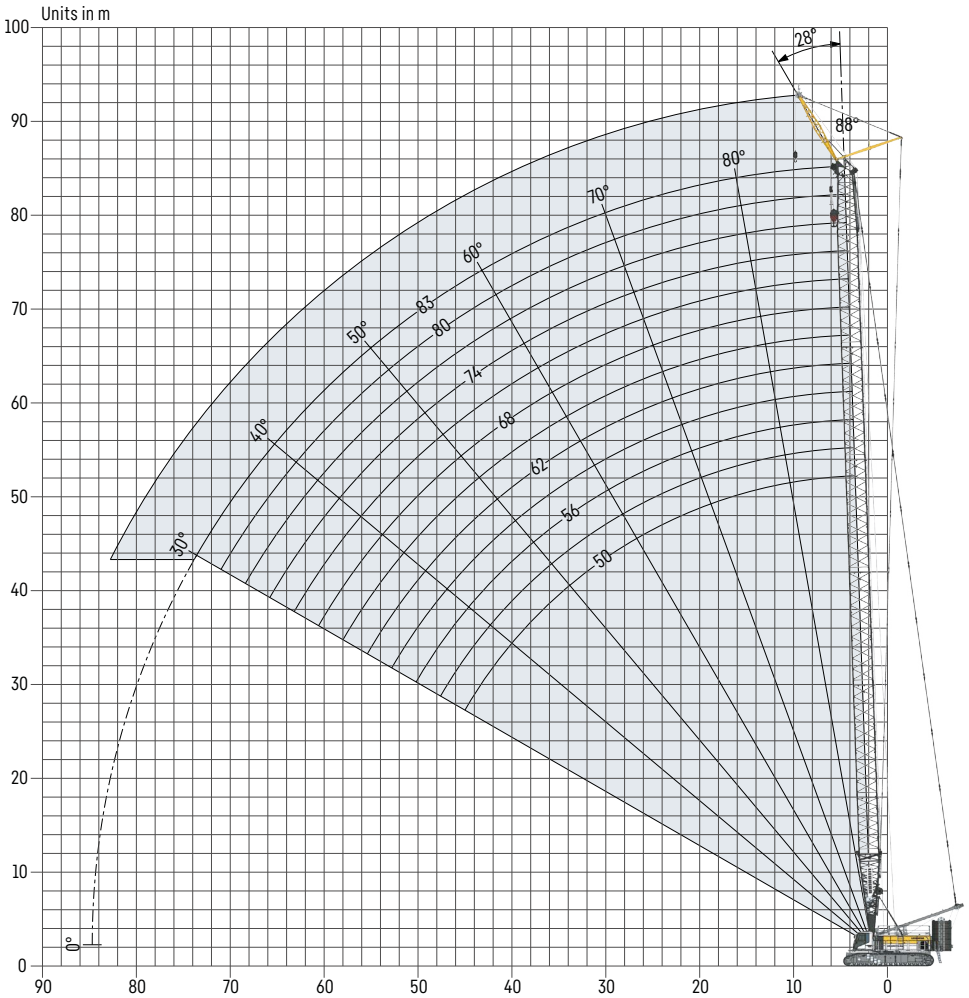
Rear counterweight:

114.0 t

124.0 t

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Fixed jib 1507.20 (8 m)



Maximum load capacity in [t] with 8 m jib length

Main boom [m]											
50	**53**	**56**	**59**	**62**	**65**	**68**	**71**	**74**	**77**	**80**	**83**
117.0	117.0	117.0	117.0	117.0	110.3	103.7	97.8	91.8	86.8	81.9	76.9

Maximum pulley height in [m] with 8 m jib length

Main boom [m]											
50	**53**	**56**	**59**	**62**	**65**	**68**	**71**	**74**	**77**	**80**	**83**
59.9	62.9	65.8	68.8	71.8	74.8	77.8	80.8	83.8	86.8	89.8	92.8

Load capacities with fixed jib

Load capacity in [t] with 50 m main boom

Radius [m]	Jib length 8 m
8.3	117.0
12	111.9
14	106.0
16	91.2
18	80.6
20	72.0
24	58.0
28	47.2
32	38.9
36	32.6
40	27.7
50	18.9

Load capacity in [t] with 56 m main boom

Radius [m]	Jib length 8 m
8.5	117.0
12	112.6
14	101.1
16	89.7
20	70.1
24	56.6
28	46.8
32	38.4
36	32.0
40	27.2
50	18.4
55	15.3

Load capacity in [t] with 62 m main boom

Radius [m]	Jib length 8 m
8.8	117.0
12	110.3
14	96.8
16	86.6
20	67.7
24	54.8
28	45.3
32	37.7
36	31.4
40	26.5
50	17.7
60	12.0

Load capacity in [t] with 71 m main boom

Radius [m]	Jib length 8 m
9.1	97.8
12	93.1
14	86.6
16	79.9
18	72.4
22	57.7
26	47.2
30	39.2
40	25.6
50	16.8
60	11.1
70	7.0

Load capacity in [t] with 77 m main boom

Radius [m]	Jib length 8 m
9.3	86.8
12	83.3
14	79.2
16	74.4
18	70.0
22	55.7
26	45.5
30	37.8
40	24.9
50	16.2
60	10.5
75	4.8

Load capacity in [t] with 83 m main boom

Radius [m]	Jib length 8 m
9.6	76.9
12	74.8
14	71.8
18	65.1
22	53.8
26	43.8
30	36.3
40	23.6
50	15.5
60	9.7
70	5.7
80	2.6

Carbody counterweight: 57.2 t with 1200 mm flat track pads

Rear counterweight:

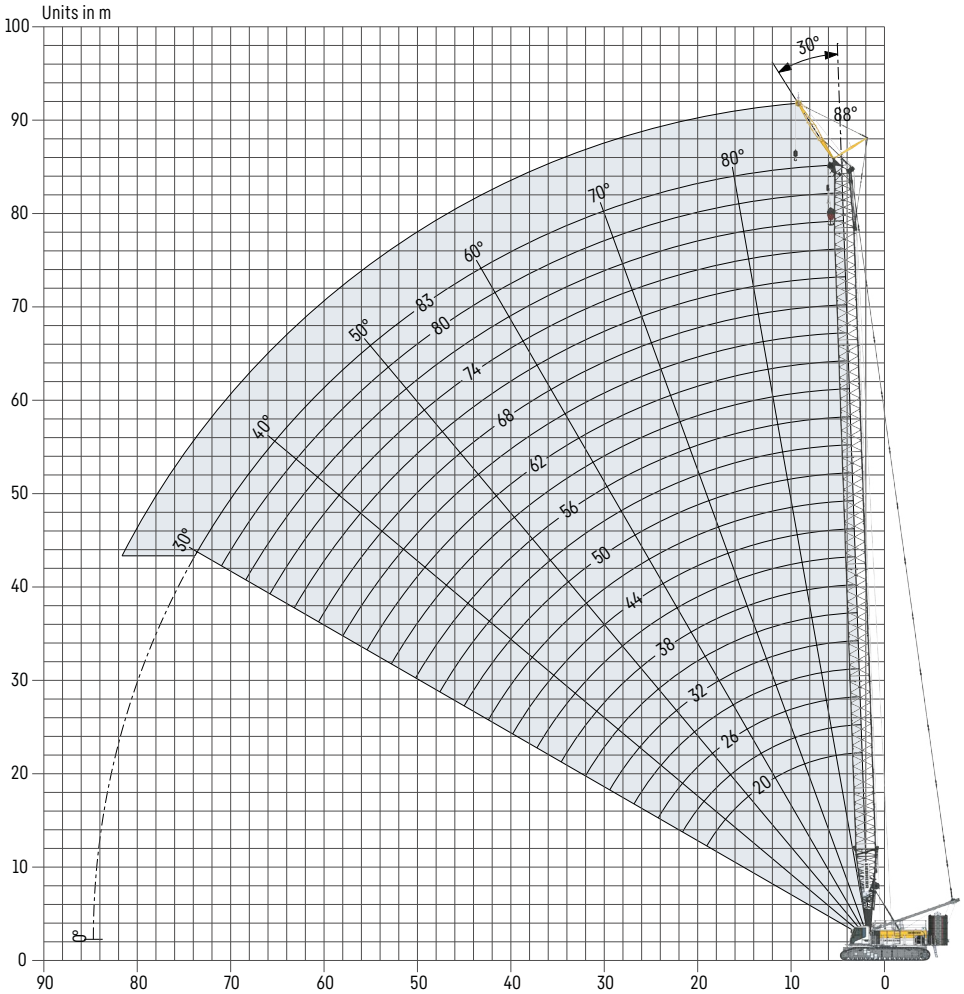
114.0 t

124.0 t

TLT 15219258 / 380916. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

Crane Planner 2.0

Fixed jib 0906.21 (7 m)



Maximum load capacity in [t] with 7 m jib length

Main boom [m]																					
20	**23**	**26**	**29**	**32**	**35**	**38**	**41**	**44**	**47**	**50**	**53**	**56**	**59**	**62**	**65**	**68**	**71**	**74**	**77**	**80**	**83**
84.2	84.9	84.7	84.5	84.3	84.1	83.9	83.7	83.5	83.3	83.0	82.8	82.6	82.3	82.0	81.8	81.5	81.0	80.9	80.2	79.4	77.7

Maximum pulley height in [m] with 7 m jib length

Main boom [m]																					
20	**23**	**26**	**29**	**32**	**35**	**38**	**41**	**44**	**47**	**50**	**53**	**56**	**59**	**62**	**65**	**68**	**71**	**74**	**77**	**80**	**83**
28.8	31.8	34.8	37.8	40.8	43.8	46.8	49.8	52.8	55.8	58.8	61.8	64.8	67.8	70.8	73.8	76.8	79.8	82.8	85.8	88.8	91.8

Load capacities with fixed jib

Load capacity in [t] with 20 m main boom

Radius [m]	Jib length 7 m
7.1	84.2
8	80.9
10	73.2
12	66.9
13	63.9
14	61.6
16	57.8
18	54.3
20	51.6
22	49.2
24	47.8
26	46.9

Load capacity in [t] with 35 m main boom

Radius [m]	Jib length 7 m
7.6	84.1
8	83.4
10	77.5
12	73.2
14	68.8
18	61.9
22	57.2
26	53.2
30	44.6
34	37.4
38	31.8
40	29.5

Load capacity in [t] with 47 m main boom

Radius [m]	Jib length 7 m
8.0	83.3
12	75.4
16	68.8
20	63.2
24	58.8
28	48.0
32	39.7
36	33.4
40	28.6
44	24.6
48	21.3
50	19.8

Load capacity in [t] with 59 m main boom

Radius [m]	Jib length 7 m
8.4	82.3
12	77.0
16	71.5
20	66.7
24	55.8
28	46.9
32	38.6
36	32.2
40	27.4
44	23.4
50	18.7
60	13.0

Load capacity in [t] with 71 m main boom

Radius [m]	Jib length 7 m
8.8	81.0
12	78.0
16	73.1
20	61.8
24	52.7
28	43.7
32	36.7
36	31.0
40	26.2
50	17.4
60	11.8
70	7.7

Load capacity in [t] with 83 m main boom

Radius [m]	Jib length 7 m
9.3	77.7
12	75.2
14	72.0
16	68.5
20	60.8
24	49.2
30	37.0
40	24.3
50	16.1
60	10.4
70	6.4
80	3.4

Carbody counterweight: 57.2 t with 1200 mm flat track pads

Rear counterweight:

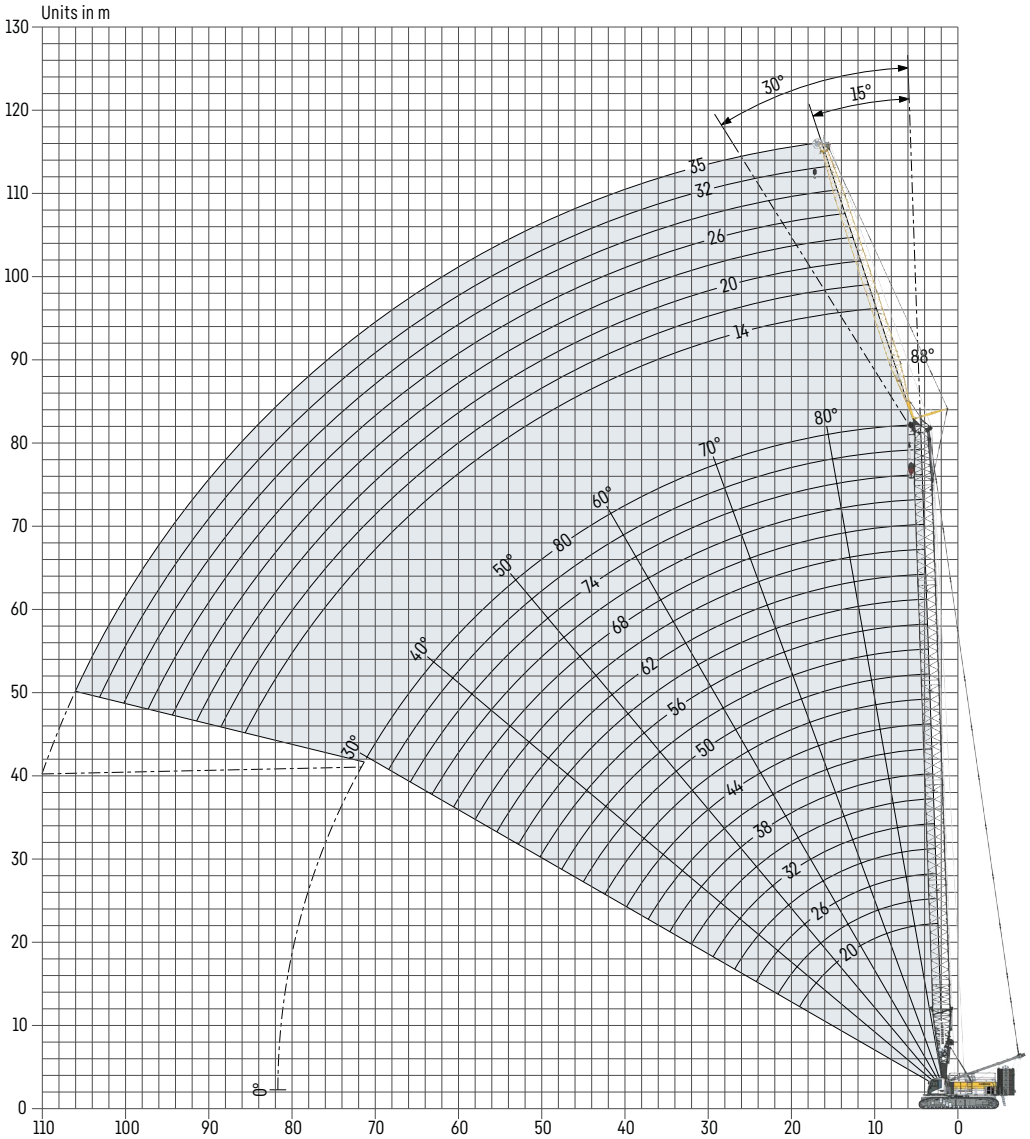
114.0 t

124.0 t

TLT 15220669 / 380916. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

Crane Planner 2.0

Fixed jib 1713.xx (14-35 m)



Jib configuration 1713.xx

Jib section	Amount of jib sections							
Jib foot 7 m	1	1	1	1	1	1	1	**1**
Jib section 3 m		1		1		1		**1**
Jib section 6 m			1	1			1	**1**
Jib section 12 m					1	1	1	**1**
Jib head 7 m	1	1	1	1	1	1	1	**1**
Jib length [m]	**14**	**17**	**20**	**23**	**26**	**29**	**32**	**35**

Maximum load capacity in [t]

Jib length [m]	Main boom [m]										
	20	23	26	29	32	35	38	41	44	47	50
14	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
17	56.6	56.4	57.6	56.0	57.1	55.5	56.6	55.0	56.1	54.5	55.3
20	44.4	44.3	44.0	43.8	43.7	43.7	43.6	43.5	43.2	42.9	42.5
23	36.8	36.5	37.1	36.3	36.9	36.2	36.7	36.0	36.4	35.6	36.0
26	30.7	30.6	30.5	30.5	30.4	30.3	30.2	30.1	30.1	30.1	30.1
29	26.6	26.5	26.8	26.4	26.7	26.2	26.5	26.0	26.3	25.8	26.1
32	23.2	23.2	23.1	23.0	22.9	22.9	22.8	22.7	22.6	22.6	22.5
35	20.5	20.4	20.3	20.3	20.2	20.2	20.1	20.0	20.0	19.9	19.8

Jib length [m]	Main boom [m]										
	53	56	59	62	65	68	71	74	77	80	
14	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	58.9	58.4	
17	53.5	54.5	52.9	54.0	52.5	52.5	50.5	50.4	48.4	49.4	
20	42.1	41.9	41.8	41.5	41.4	41.1	40.9	40.5	40.2		
23	35.1	35.6	34.8	35.3	34.5	34.9	34.0	34.3	33.5		
26	30.1	30.0	29.8	29.6	29.5	29.2	29.0	28.7	28.5		
29	25.7	25.9	25.5	25.7	25.3	25.5	25.0	25.0			
32	22.4	22.3	22.3	22.2	22.1	22.0	21.9	21.6			
35	19.8	19.7	19.6	19.6	19.5	19.4	19.3	19.3			

Example: To achieve a maximum load capacity of 23 t, a combination of 29 m main boom with 32 m jib length can be selected.

Maximum pulley height in [m]

Jib length [m]	Main boom [m]										
	20	23	26	29	32	35	38	41	44	47	50
14	36.4	39.4	42.4	45.4	48.4	51.3	54.3	57.3	60.3	63.3	66.3
17	39.2	42.2	45.2	48.2	51.2	54.2	57.1	60.1	63.1	66.1	69.1
20	42.0	45.0	48.0	51.0	54.0	57.0	60.0	62.9	65.9	68.9	71.9
23	44.8	47.8	50.8	53.8	56.8	59.8	62.8	65.8	68.7	71.7	74.7
26	47.6	50.6	53.6	56.6	59.6	62.6	65.6	68.6	71.6	74.5	77.5
29	50.4	53.4	56.4	59.4	62.4	65.4	68.4	71.4	74.4	77.4	80.3
32	53.2	56.2	59.2	62.2	65.2	68.2	71.2	74.2	77.2	80.2	83.1
35	56.0	59.0	62.0	65.0	68.0	71.0	74.0	77.0	80.0	83.0	85.9

Jib length [m]	Main boom [m]										
	53	56	59	62	65	68	71	74	77	80	
14	69.3	72.3	75.3	78.3	81.3	84.3	87.3	90.3	93.3	96.3	
17	72.1	75.1	78.1	81.1	84.1	87.1	90.1	93.1	96.1	99.1	
20	74.9	77.9	80.9	83.9	86.9	89.9	92.9	95.9	98.9		
23	77.7	80.7	83.7	86.7	89.7	92.7	95.7	98.7	101.7		
26	80.5	83.5	86.5	89.5	92.5	95.5	98.5	101.5	104.5		
29	83.3	86.3	89.3	92.3	95.3	98.3	101.3	104.3			
32	86.1	89.1	92.1	95.1	98.1	101.1	104.1	107.1			
35	88.9	91.9	94.9	97.9	100.9	103.9	106.9	109.9			

Crane Planner 2.0

Load capacities with fixed jib

Load capacity in [t] with 20 m main boom

Radius [m]	Jib length 14 m		Jib length 17 m		Jib length 23 m		Jib length 29 m		Jib length 35 m	
	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °
7.2	60.0									
9	58.4		53.5							
11	52.6	37.5	45.8		35.5					
13	46.0	34.2	40.5	30.0	31.1		26.2			
16	38.8	30.4	33.9	26.4	26.5	20.8	22.2		19.4	
20	31.7	26.5	28.3	23.0	22.0	18.0	18.6	15.0	16.1	
24	27.4	23.7	24.0	20.5	18.9	15.9	15.8	13.2	13.8	11.3
32	21.7	20.5	18.8	17.3	14.7	13.1	12.2	10.8	10.6	9.1
34		20.1	18.0	16.9	13.9	12.6	11.6	10.3	9.9	8.6
36			17.2	16.6	13.3	12.2	11.0	9.8	9.4	8.2
42					11.8	11.5	9.6	8.9	8.1	7.3
48							8.6	8.4	7.1	6.6
50									6.9	6.4
55										6.3

Load capacity in [t] with 32 m main boom

Radius [m]	Jib length 14 m		Jib length 17 m		Jib length 23 m		Jib length 29 m		Jib length 35 m	
	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °
7.7	60.0									
9	60.0		57.0							
11	56.5	38.2	50.1		36.9					
13	51.4	35.6	45.1	31.2	33.4					
16	45.0	32.3	39.1	28.3	29.5		23.6		19.7	
20	37.9	29.0	33.0	25.4	24.9	19.0	20.2	15.4	16.9	
24	32.7	26.5	29.2	23.0	21.7	17.3	17.8	13.9	14.7	11.5
36	24.0	21.5	21.0	18.5	15.9	13.6	12.8	10.9	10.6	8.8
44	20.9	20.1	18.1	17.1	13.5	12.2	10.8	9.6	8.9	7.7
46			17.6	16.9	13.1	12.0	10.4	9.3	8.5	7.4
50					12.3	11.8	9.7	8.9	7.9	7.0
55							9.1	8.6	7.3	6.6
60									6.8	6.4
65										6.3

Load capacity in [t] with 44 m main boom

Radius [m]	Jib length 14 m		Jib length 17 m		Jib length 23 m		Jib length 29 m		Jib length 35 m	
	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °
8.1	60.0									
10	60.0		54.6							
12	56.5	37.4	49.6		35.9					
14	53.0	35.4	45.3	30.6	32.9		26.2			
16	48.3	33.7	42.4	29.0	30.3		24.4		20.0	
18	45.0	32.0	39.1	27.7	28.8	20.4	22.6		18.6	
24	37.3	28.2	32.0	24.5	23.7	18.0	18.8	14.2	15.5	11.6
36	28.0	23.4	24.0	20.0	17.7	14.7	14.2	11.5	11.5	9.3
50	20.4	20.2	18.8	17.3	13.9	12.4	11.0	9.6	8.8	7.5
55			17.4	16.7	13.0	11.9	10.1	9.1	8.1	7.1
60					12.2	11.7	9.5	8.7	7.5	6.7
65							9.0	8.6	7.1	6.5
70								7.4	6.7	6.3
75									6.3	6.3

Carbody counterweight: 57.2 t with 1200 mm flat track pads

Rear counterweight:

114.0 t | 124.0 t

TLT 15220669 / 380916. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

Load capacities with fixed jib

Load capacity in [t] with 56 m main boom

Radius [m]	Jib length 14 m		Jib length 17 m		Jib length 23 m		Jib length 29 m		Jib length 35 m	
	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °
8.5	60.0									
10	60.0		54.5							
12	58.4	37.6	50.5		35.6					
14	54.8	36.0	46.7	30.8	33.4		25.9			
18	47.8	33.2	41.3	28.3	29.8	20.6	23.2		18.8	
22	43.3	30.7	36.6	26.3	26.3	19.1	20.9	15.0	16.9	
24	40.7	29.8	34.7	25.4	25.0	18.5	19.8	14.5	16.2	10.9
36	30.3	24.9	26.3	21.3	19.4	15.4	15.2	12.0	12.3	9.5
48	20.5	21.0	20.7	18.5	15.8	13.4	12.4	10.3	9.9	8.2
65	11.3	11.4	11.6	11.8	12.1	11.7	9.9	8.9	7.8	6.8
70					10.2	10.5	9.3	8.6	7.3	6.6
75							8.8	8.4	7.0	6.4
80								7.8	6.6	6.3
85									6.3	6.2

Load capacity in [t] with 68 m main boom

Radius [m]	Jib length 14 m		Jib length 17 m		Jib length 23 m		Jib length 29 m		Jib length 35 m	
	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °
8.9	60.0									
10	60.0		52.5							
14	56.6	36.2	47.8	30.4	33.7					
16	53.3	35.0	45.0	29.7	31.9		24.8			
18	50.5	33.6	43.2	28.7	30.1	20.6	23.6		19.0	
22	45.0	31.6	38.5	26.9	27.5	19.3	21.4	15.1	17.2	
26	41.1	29.8	35.2	25.2	24.9	18.2	19.6	14.2	15.9	11.3
34	33.4	26.8	29.0	22.8	21.3	16.4	16.8	12.7	13.5	10.1
50	17.7	18.3	18.1	18.4	16.5	13.8	12.9	10.6	10.4	8.3
75	6.6	6.7	6.8	7.0	7.4	7.7	7.9	8.3	7.6	6.7
80					5.9	6.2	6.5	6.8	6.9	6.4
85						4.7	5.2	5.5	5.6	6.0
90							4.0	4.2	4.5	4.7
95									3.4	3.6

Load capacity in [t] with 80 m main boom

Radius [m]	Jib length 14 m		Jib length 17 m		Jib length 23 m		Jib length 29 m		Jib length 35 m	
	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °
9.4	58.4									
11	58.0		49.4							
13	55.8	36.5	47.3							
16	52.4	35.2	44.2	28.6						
20	48.8	33.1	40.0	26.9						
24	44.4	31.3	36.2	25.5						
28	40.2	29.7	33.4	24.1						
32	33.8	28.1	30.2	23.2						
40	24.4	25.1	24.6	21.3						
48	17.8	18.6	18.1	18.5						
55	13.3	13.9	13.6	14.3						
65	8.6	9.0	8.8	9.4						
75	5.2	5.5	5.4	5.8						
85	2.6	2.7	2.8	3.0						

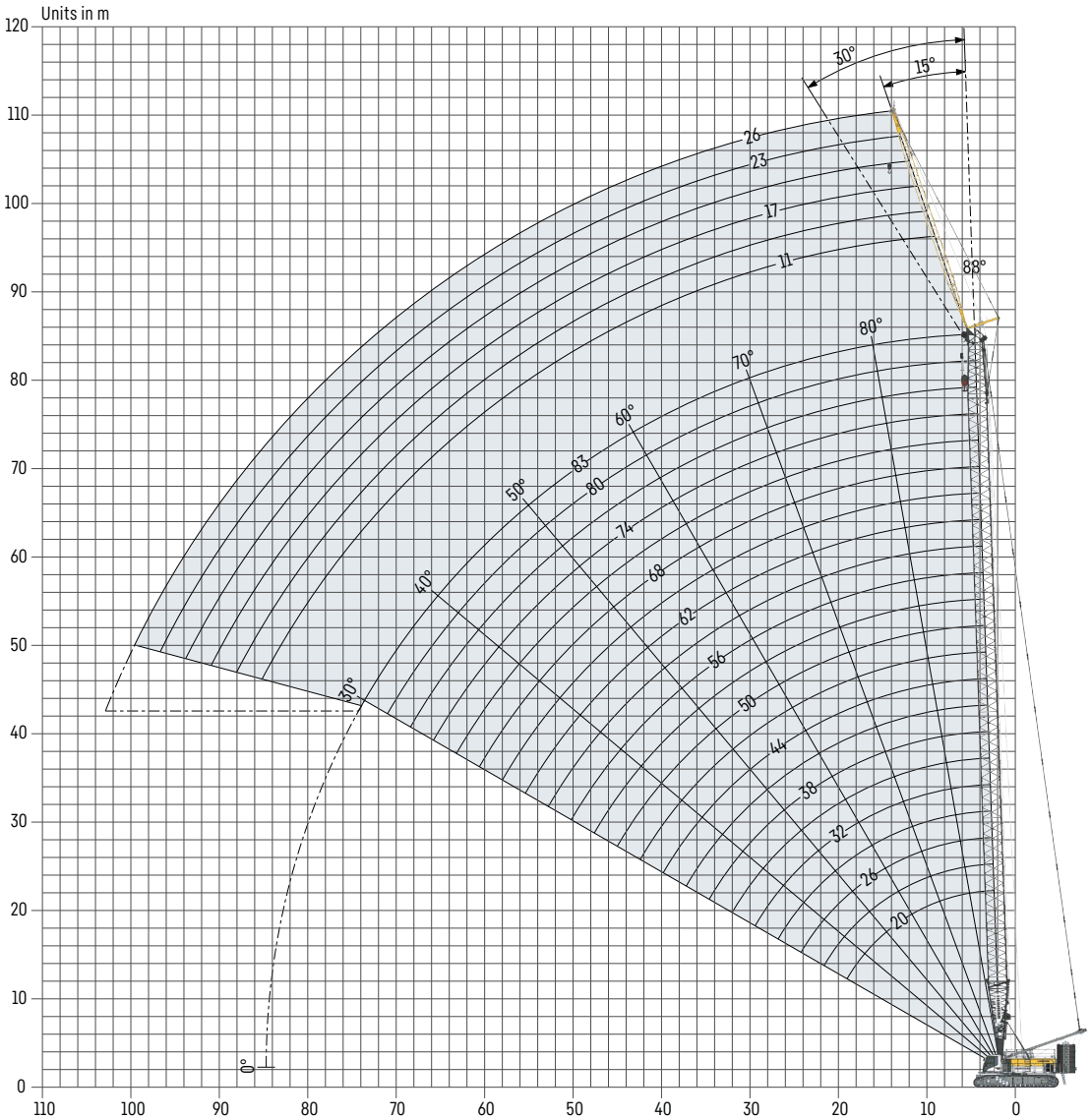
Carbody counterweight: 57.2 t with 1200 mm flat track pads

Rear counterweight:

114.0 t | 124.0 t

TLT 15220669 / 380916. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

Fixed jib 1008.xx (11-26 m)



Jib configuration 1008.xx

Jib section	Amount of jib sections					
Jib foot 5.5 m	1	1	1	**1**	1	**1**
Jib section 3 m		1		**1**		**1**
Jib section 6 m			1	**1**	2	**2**
Jib head 5.5 m	1	1	1	**1**	1	**1**
Jib length [m]	**11**	**14**	**17**	**20**	**23**	**26**

Maximum load capacity in [t]

Jib length [m]	Main boom [m]										
	20	23	26	29	32	35	38	41	44	47	50
11	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
14	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
17	39.1	38.9	38.7	38.5	38.3	38.1	38.0	37.7	37.5	37.2	37.0
20	32.0	31.8	31.7	31.5	31.4	31.2	31.1	30.9	30.7	30.5	30.4
23	25.2	25.0	25.0	24.8	24.7	24.6	24.5	24.3	24.2	24.1	24.0
26	20.5	20.4	20.4	20.2	20.2	20.1	20.0	19.9	19.8	19.7	19.6

Jib length [m]	Main boom [m]										
	53	56	59	62	65	68	71	74	77	80	83
11	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
14	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	43.6	41.8	42.1
17	36.7	36.5	36.1	35.9	35.5	35.2	34.8	34.5	34.0	33.6	
20	30.2	30.0	29.8	29.6	29.3	29.1	28.8	28.6	28.3	28.0	
23	23.8	23.6	23.4	23.3	23.1	23.0	22.7	22.6	22.3	22.1	
26	19.5	19.4	19.3	19.2	19.0	18.9	18.8	18.6	18.4	18.3	

Example: To achieve a maximum load capacity of 25 t, a combination of 26 m main boom with 23 m jib length can be selected.

Maximum pulley height in [m]

Jib length [m]	Main boom [m]										
	20	23	26	29	32	35	38	41	44	47	50
11	33.6	36.6	39.6	42.6	45.6	48.6	51.6	54.6	57.6	60.6	63.6
14	36.4	39.4	42.4	45.4	48.4	51.4	54.4	57.4	60.4	63.4	66.4
17	39.2	42.2	45.2	48.2	51.2	54.2	57.2	60.2	63.2	66.2	69.2
20	42.0	45.0	48.0	51.0	54.0	57.0	60.0	62.9	65.9	68.9	71.9
23	44.7	47.7	50.7	53.7	56.7	59.7	62.7	65.7	68.7	71.7	74.7
26	47.5	50.5	53.5	56.5	59.5	62.5	65.5	68.5	71.5	74.5	77.5

Jib length [m]	Main boom [m]										
	53	56	59	62	65	68	71	74	77	80	83
11	66.6	69.6	72.6	75.6	78.6	81.6	84.6	87.6	90.6	93.6	96.6
14	69.4	72.4	75.4	78.4	81.4	84.4	87.4	90.4	93.4	96.4	99.4
17	72.2	75.2	78.2	81.2	84.2	87.2	90.2	93.2	96.2	99.1	
20	74.9	77.9	80.9	83.9	86.9	89.9	92.9	95.9	98.9	101.9	
23	77.7	80.7	83.7	86.7	89.7	92.7	95.7	98.7	101.7	104.7	
26	80.5	83.5	86.5	89.5	92.5	95.5	98.5	101.5	104.5	107.5	

Crane Planner 2.0

Load capacities with fixed jib

Load capacity in [t] with 20 m main boom

Radius [m]	Jib length 11 m		Jib length 14 m		Jib length 17 m		Jib length 23 m		Jib length 26 m	
	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °
5.9	45.0									
7	45.0		45.0							
9	45.0	39.4	45.0		37.6					
11	45.0	35.0	42.4	28.8	34.4		24.7			
13	44.2	31.1	38.9	25.7	31.2	21.3	22.8		19.6	
16	40.7	28.5	32.0	22.3	27.4	18.6	20.5	14.5	17.5	
20	32.8	24.1	27.2	19.0	22.8	16.0	17.5	12.4	15.3	11.3
24	28.6	21.2	22.8	16.8	19.1	14.5	15.0	11.0	13.6	9.9
30	23.0	18.7	18.5	15.1	15.7	12.3	12.4	9.4	11.2	8.5
32			17.5	14.7	15.2	11.8	11.7	9.0	10.6	8.0
36					13.6	11.3	10.5	8.3	9.5	7.4
42							9.3	7.8	8.4	6.7
44									8.0	6.6
46										6.5

Load capacity in [t] with 32 m main boom

Radius [m]	Jib length 11 m		Jib length 14 m		Jib length 17 m		Jib length 23 m		Jib length 26 m	
	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °
6.3	45.0									
8	45.0		45.0							
9	45.0	40.4	45.0		38.0					
11	45.0	36.8	45.0	28.1	35.3		24.7			
13	45.0	34.0	42.1	27.0	33.2	21.8	23.2		19.7	
18	43.4	29.7	34.0	22.5	28.0	18.3	19.9	14.0	16.9	
20	41.1	27.8	31.3	21.1	25.9	17.3	19.0	13.0	16.0	11.6
24	34.8	24.7	28.1	19.0	22.9	15.6	16.8	11.7	14.6	10.4
32	28.1	20.7	21.7	16.1	17.9	13.3	13.5	9.9	12.2	8.8
40	23.1	18.7	18.1	14.8	15.2	11.8	11.3	8.7	10.1	7.6
44			16.7	14.3	14.2	11.4	10.5	8.2	9.4	7.2
46					13.6	11.3	10.2	8.0	9.0	7.0
50							9.6	7.8	8.5	6.7
55									7.9	6.6

Load capacity in [t] with 44 m main boom

Radius [m]	Jib length 11 m		Jib length 14 m		Jib length 17 m		Jib length 23 m		Jib length 26 m	
	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °
6.7	45.0									
8	45.0		45.0							
10	45.0	39.4	45.0		36.6					
12	45.0	36.7	45.0	28.7	34.4		24.0			
14	45.0	34.5	43.5	26.9	32.6	21.3	22.7		19.1	
20	41.8	30.1	35.4	22.6	28.1	18.1	19.4	13.3	16.4	11.7
26	36.9	26.1	30.1	19.6	24.0	16.0	17.0	11.7	14.5	10.4
32	32.6	23.2	25.5	17.6	20.5	14.8	15.2	10.5	13.4	9.3
38	29.2	21.0	22.1	16.2	18.0	13.2	13.3	9.6	11.8	8.5
44	25.2	19.5	19.6	15.2	16.1	12.3	11.9	8.9	10.6	7.7
50	20.6	18.7	17.8	14.7	15.0	11.6	10.8	8.3	9.6	7.2
55				14.2	13.8	11.3	10.1	8.0	8.9	6.9
60							9.5	7.8	8.4	6.7
65									7.9	6.6

Carbody counterweight: 57.2 t with 1200 mm flat track pads

Rear counterweight:

114.0 t

124.0 t

TLT 15220669 / 380916. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

Load capacities with fixed jib

Load capacity in [t] with 56 m main boom

Radius [m]	Jib length 11 m		Jib length 14 m		Jib length 17 m		Jib length 23 m		Jib length 26 m	
	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °
7.1	45.0									
10	45.0	39.8	45.0		36.4					
12	45.0	37.7	44.8	28.6	34.5		23.6			
14	44.6	35.5	44.5	27.2	32.6	21.4	22.6		19.1	
18	42.7	32.1	40.1	24.7	29.8	19.5	20.6	14.4	17.3	
20	41.6	30.6	38.2	23.5	28.5	18.8	19.7	13.7	16.6	11.9
22	40.0	30.1	36.2	22.4	27.6	18.0	18.9	13.0	16.0	11.5
30	35.2	26.4	30.1	19.4	23.7	15.7	16.6	11.4	14.2	10.0
38	30.1	22.9	25.0	17.3	20.0	14.3	14.6	10.2	12.9	8.9
46	22.3	20.7	21.4	15.8	17.5	12.9	12.7	9.2	11.2	8.0
60	13.7	13.9	14.1	14.2	14.4	11.5	10.5	8.1	9.2	7.0
65			12.0	12.1	12.4	11.3	10.0	7.9	8.7	6.8
70							9.5	7.8	8.3	6.6
75									7.9	6.6

Load capacity in [t] with 68 m main boom

Radius [m]	Jib length 11 m		Jib length 14 m		Jib length 17 m		Jib length 23 m		Jib length 26 m	
	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °
7.5	45.0									
10	45.0		45.0		35.2					
12	45.0	38.2	44.9	27.7	33.9					
14	45.0	36.5	42.3	27.6	32.4	21.3	22.3		18.9	
18	41.3	33.4	38.4	25.2	29.8	19.9	20.4	14.4	17.3	
20	39.3	31.9	36.5	24.4	28.6	19.2	19.7	13.9	16.6	12.0
24	37.0	30.1	33.8	22.5	26.8	18.0	18.5	12.8	15.6	11.2
34	32.4	26.3	30.1	19.4	23.4	15.6	16.3	11.2	13.9	9.7
42	24.5	23.1	24.2	17.6	20.5	14.5	14.7	10.2	12.9	8.8
50	18.0	18.4	18.4	16.1	17.9	13.1	13.0	9.3	11.4	8.1
70	8.4	8.6	8.8	9.0	9.2	9.5	9.9	8.0	9.0	6.9
75			7.2	7.3	7.6	7.8	8.3	7.7	8.4	6.7
80							6.8	7.0	7.1	6.6
85								5.6	5.8	6.0

Load capacity in [t] with 80 m main boom

Radius [m]	Jib length 11 m		Jib length 14 m		Jib length 17 m		Jib length 23 m		Jib length 26 m	
	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °	15 °	30 °
8.0	45.0									
11	44.9	38.0	41.1		33.6					
13	43.4	36.9	39.8	28.2	32.3		22.1			
16	40.6	34.9	37.2	26.8	30.4	20.8	21.0		17.8	
20	37.0	32.5	34.6	24.8	28.3	19.4	19.4	13.9	16.4	11.9
22	35.4	31.3	33.4	24.1	27.4	18.8	18.8	13.4	15.8	11.6
30	30.9	28.5	29.5	21.3	24.9	16.9	17.2	12.0	14.4	10.4
38	26.6	26.2	26.5	19.1	22.8	15.3	15.8	10.9	13.5	9.5
46	19.4	19.7	19.9	17.2	19.0	14.4	14.6	10.0	12.7	8.7
60	11.0	11.4	11.4	11.9	11.8	12.0	12.2	8.9	10.6	7.7
80	4.1	4.2	4.4	4.6	4.8	5.1	5.5	5.9	5.8	6.2
85			3.2	3.3	3.6	3.8	4.2	4.6	4.5	4.9
90							3.1	3.3	3.4	3.7
95								2.2	2.4	2.5

Carbody counterweight: 57.2 t with 1200 mm flat track pads

Rear counterweight:

114.0 t

124.0 t

TLT 15220669 / 380916. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

Download datasheet

Please contact us.

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