EN

LR 1160.1

LR 1003.04.08
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Crawler cranes

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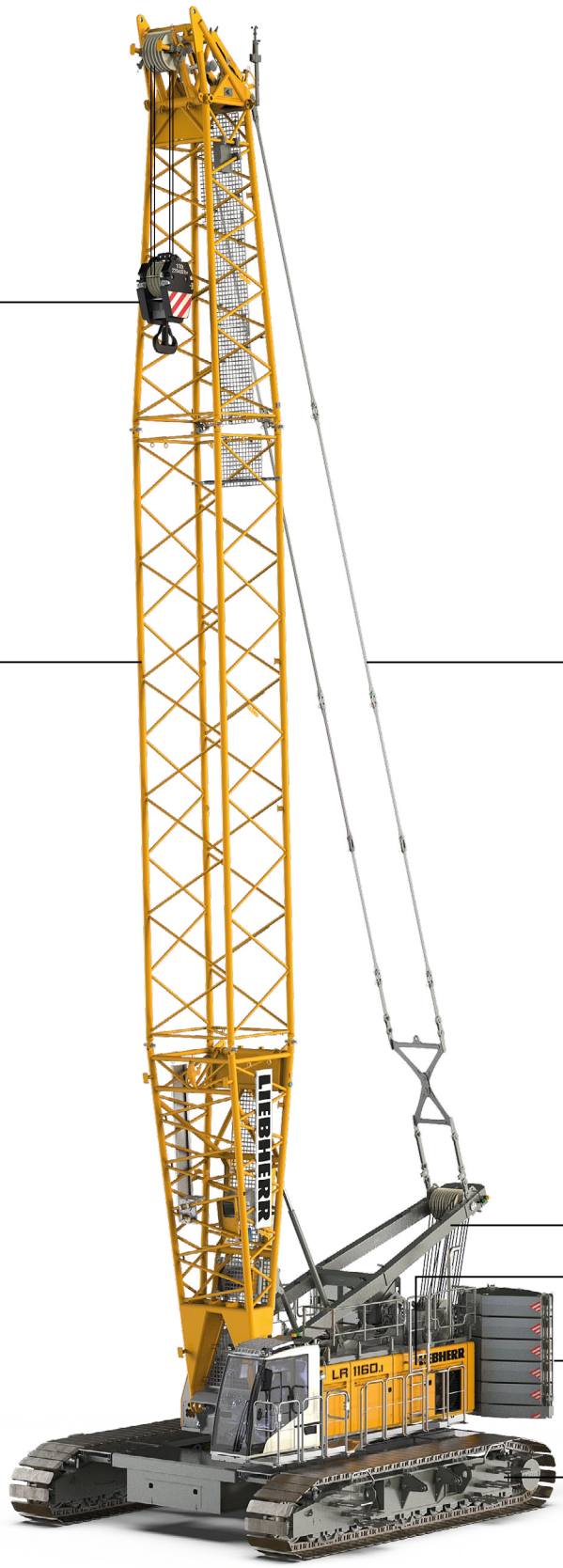
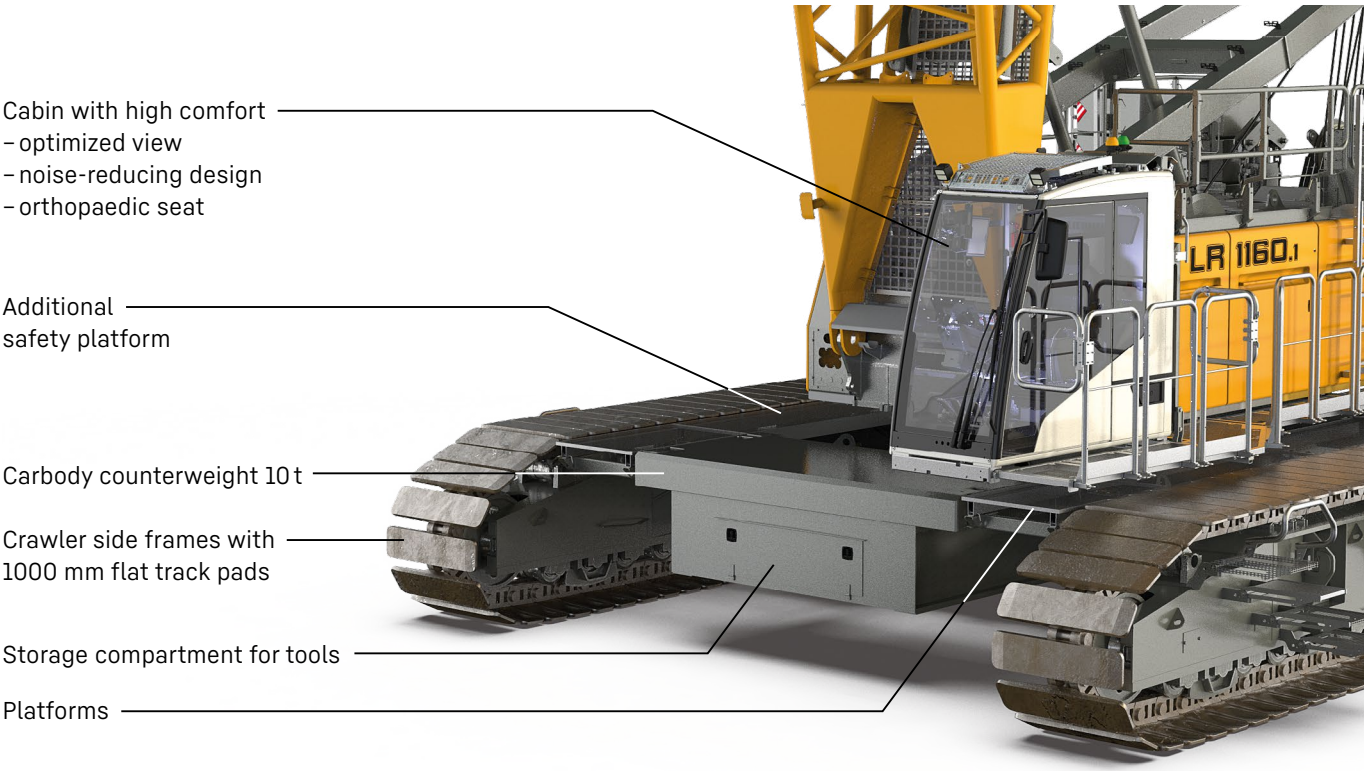
Remarks

- 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 ring and under load.
- The lifting capacities are valid for 360 degrees of swing.
- Calculation of stability under load is based on ISO 4305 Table 1 + 2 + 3, tipping angle 4°.
- The steel structures are calculated according to EN 13001-1; EN 13001-2.
- 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.

Concept and characteristics



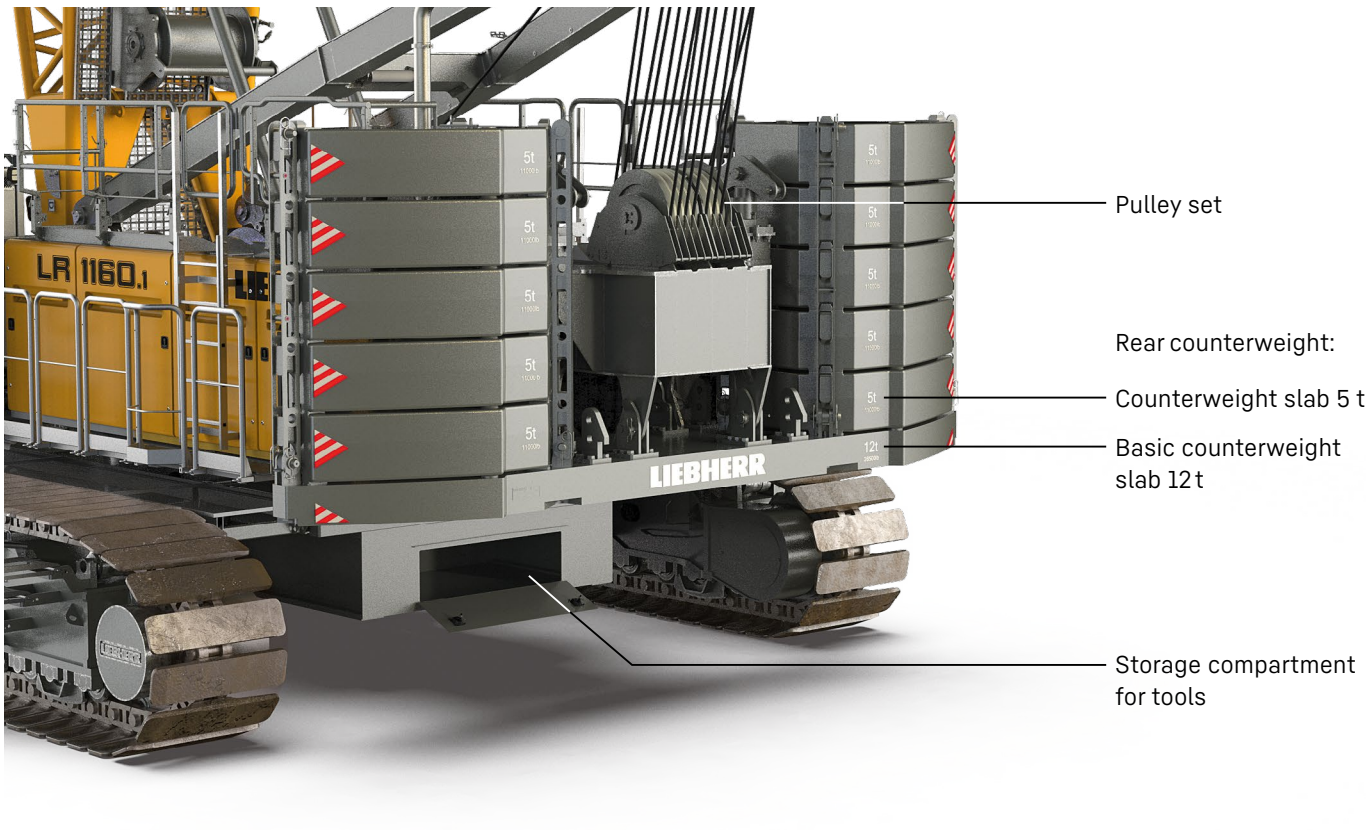


High performance
A strong, efficient and reliable diesel engine of the newest generation provides high performance and enables several movements to be carried out simultaneously.

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 the actual ground pressure can already be calculated and displayed in the planning stage.

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.

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



Efficient self-assembly system and short assembly times
The self-assembly system enables safe, independent and quick assembly/disassembly of the crawler side frames, the carbody and rear counterweights, 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.

Technical description

Diesel engine

Power rating according to ISO 9249	230 kW (308 hp) at 1700 rpm
Engine type	Liebherr D 944 A7-05
Fuel tank capacity	790 l with continuous level indicator and reserve warning
Exhaust certification	97/68 EC Stage IV; EPA/CARB Tier 4f 97/68 EC Stage V; EPA/CARB Tier 4f ECE-R.96 Power Band H non-certified emission standard

Noise measurement data and vibration

Noise emission	according to 2000/14/EC directive	
Emission sound pressure level L_{PA}	71.1 dB(A)	(in the cabin)
Guaranteed sound power level L_{WA}	105 dB(A)	(of the machine)
Vibration transmitted to the machine operator	< 2.5 m/s²	(to the hand-arm system)
	< 0.5 m/s²	(to the whole body)

Hydraulic system

Hydraulic pumps	double axial displacement pump in open loop hydraulic system allows all functions to be operated simultaneously automatic working pressure cut-off to minimize peak pressure
Hydraulic oil tank capacity	650 l
Max. working pressure	350 bar
Hydraulic oil	electronic monitoring of alle filters use of synthetic environmentally friendly oil

Control

Control system	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 fixed axial piston hydraulic motors
Crawler side frames	maintenance-free, with hydraulic chain tensioning device
Brake	hydraulically released, spring-loaded multi-disc holding brake
Drive speed	0-1.5 km/h
Flat track pads	width 1000 mm

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	0-3 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

Standard crane winches 1 + 2	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
Line pull in the 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
Option – winch with free fall	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	max. 180 kN
Rope diameter	24 mm
Boom luffing	15-86° in 119 s
Jib	
Line pull	max. 105 kN
Rope diameter	20 mm
Jib luffing	15-78° in 46 s

Operating weight

Composition of operating weight	basic machine with crawlers winches 1 + 2, A-frame 17 m main boom, consisting of boom foot (7 m), boom head (6 m) and boom section (6 m) 62.3 t rear counterweight (10 × 5 t + 1 × 12 t + 0.3 t) 20 t carbody counterweight (2 × 10 t) 160 t pulley block
Total weight	approx. 167 t

Operation modes

	Lifting mode	Grab mode	Personnel lifting mode
Land	✓	✓	✓
Floating structure (barge operation)	✓	✓	✓ *

* only valid for jack-up barges

Optional equipment

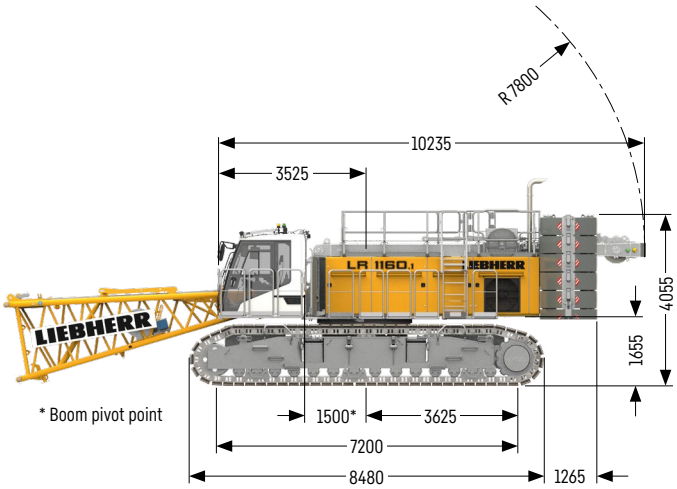
Basic machine
Main winches 12 t with free fall
Painting in customer design
Load hook 12.5 / 40 / 80 / 100 / 160 t
Economy and ecology
Eco-Silent Package
Aux. power unit (APU, 2.8 kW)
Boom/jib
Luffing jib: luffing winch
Boom/jib other
Walkway for main boom foot, incl. fall protection
Walkway for main boom head, incl. fall protection
Rope guide for main boom walkway, incl. fall protection
Additional fall protection harness for 1 person
Walkways for main boom sections 3 / 6 / 12 m
Walkways for main boom sections 3 / 6 / 12 m, incl. fall protection
Application packages
Operation mode: personnel lifting (O)
Operation mode: barge operation (O)
Operation mode: foundation work (O)
Operation mode: wind speed pre-selection (S)
Operation mode: travelling with load (S)
Winch synchronization
Radio remote control
Rope reeving function via radio remote control
Assembly radio remote control
Use of luffing jib winch as auxiliary winch
Tagline winch 2 t free fall
Main winch constant tension for one winch
Two hook operation
Special features
Crane Planner 2.0
LiDAT
Self-assembly system
Jack-up system standard / telescopic
Self-assembly system counterweight
Self-assembly cylinder
Reeving winch
Track shifting hydraulic

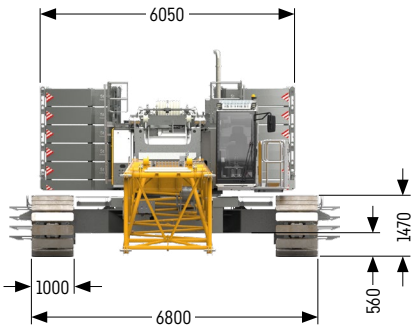
Service package
Refuelling pump diesel / AdBlue
Cold package -25 °C / -40 °C
Hydraulic oil bypass filter
Central lubrication swing ring bearings / outside
Liebherr hydraulic oil plus (longlife & bio)
Liebherr hydraulic oil plus arctic (longlife & bio)
Liebherr hydraulic oil plus arctic (longlife)
Safety features
Assistance system: Boom Up-and-Down Assistant
Assistance system: Horizontal Load Path
Assistance system: Vertical Line Finder
Assistance system: Ground Pressure Indication and Visualization
Rear and side view cameras
Winch camera
Zoom camera at boom head
Safety upgrade APAVE
Platforms and railings on uppercarriage 570 mm
Additional access ladder for boom assembly
Railings on rooftop foldable
Railings for cabin platform
Vandalism cabin protection
Cabin protection roof, FOPS level 1
Lifting height indication for both hoist winches
Plug&Play diesel-hydraulic back-up unit 18.4 kW
Swing and boom radius limit device
Aircraft warning light
Swing warning light
Lightning rod
Mechanical angle display
Air intake shut-off valve
Access control
Operator's comfort
Additional access ladder
Additional floodlights
Cabin air conditioner
Cabin tilting device hydraulic
Gear oil level warning
Litronic additional language

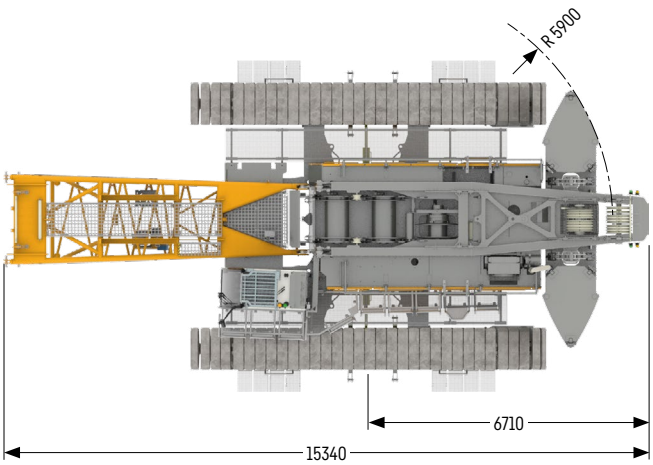
(S) standard, (O) option

Dimensions

Basic machine with undercarriage

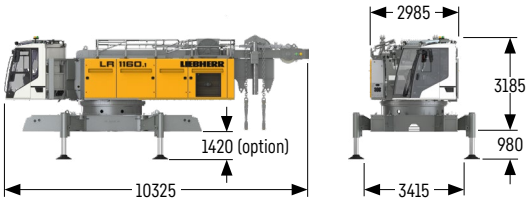






Transport dimensions and weights

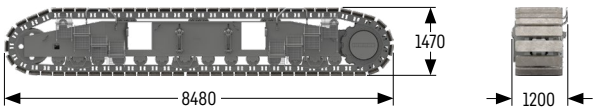
Basic machine and main boom 2018.xx



Basic machine

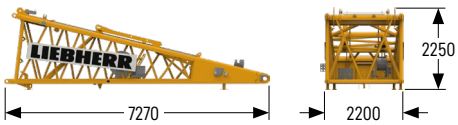
Weight without hoist rope	kg	35000
Weight of hoist ropes	kg/m	3.4

with A-frame 1, winches 1 + 2 (2x 120 kN), without boom foot, without rear counterweight, without carbody counterweight and crawler side frames



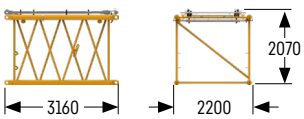
Crawler side frame

Weight flat track pads 1000 mm	kg	17498



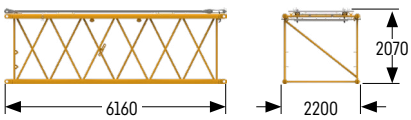
Boom foot 7 m (No. 2018.23)

Weight including winch	kg	4067
Weight without winch	kg	2685



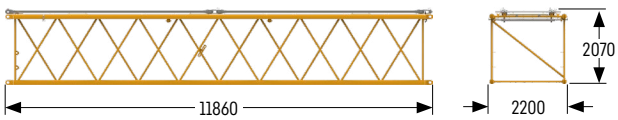
Boom section 3 m (No. 2018.20)

Weight including boom pendants	kg	707
Weight including boom and jib pendants	kg	771



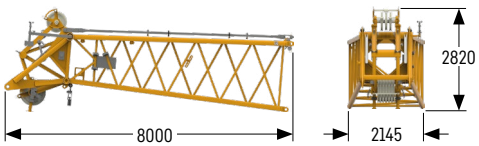
Boom section 6 m (No. 2018.20)

Weight including boom pendants	kg	1011
Weight including boom and jib pendants	kg	1121



Boom section 11.7 m (No. 2018.20)

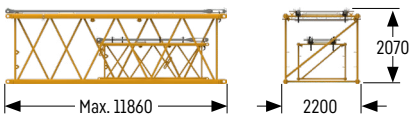
Weight including boom pendants	kg	1691
Weight including boom and jib pendants	kg	1905



Boom head 7 m (No. 2018.20)

Weight including boom pendants	kg	2404

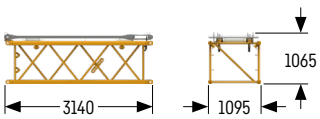
Transport option 2018.xx / 1309.xx

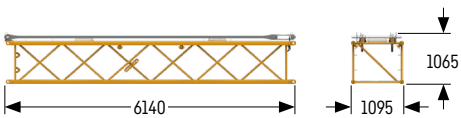


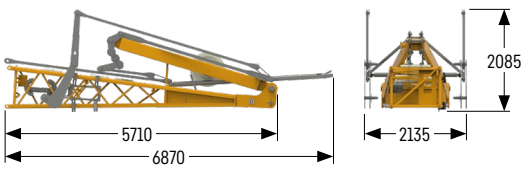
Transport option (No. 2018.xx/1309.xx)

No. 2018.xx / 1309.xx	m	6 / 6	11.7 / 11.7
Weight including pendants	kg	1620	2860

Fixed jib 1008.xx







Jib head 5.5 m (No. 1008.20)

Weight including pendants	kg	873

Jib section 3 m (No. 1008.17)

Weight including pendants	kg	267

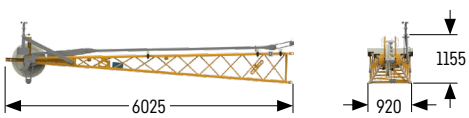
Jib section 6 m (No. 1008.17)

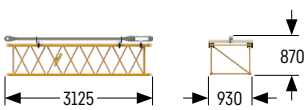
Weight including pendants	kg	448

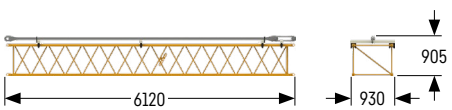
Jib foot 5.5 m with A-frame (No. 1008.20)

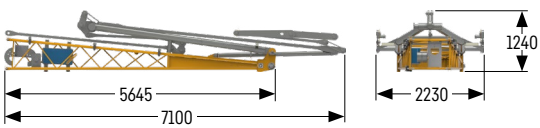
Weight including pendants	kg	2058

Fixed jib 0806.xx









Jib head 5.5 m (No. 0806.16)

Weight including pendants	kg	442

Jib section 3 m (No. 0806.15)

Weight including pendants	kg	141

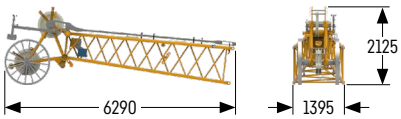
Jib section 6 m (No. 0806.15)

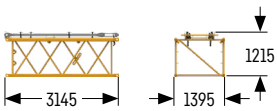
Weight including pendants	kg	249

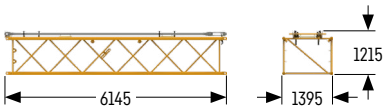
Jib foot 5.5 m with A-frame (No. 0806.16)

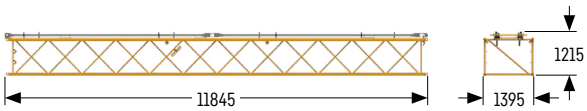
Weight including pendants	kg	1077

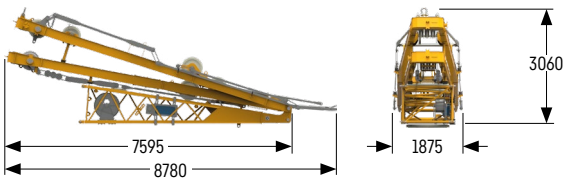
Luffing jib 1309.xx











Jib head 5.5 m (No. 1309.22)

Weight including pendants	kg	1127

Jib section 3 m (No. 1309.20)

Weight including pendants	kg	307

Jib section 6 m (No. 1309.20)

Weight including pendants	kg	511

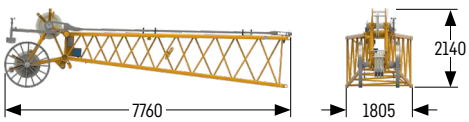
Jib section 11.7 m (No. 1309.20)

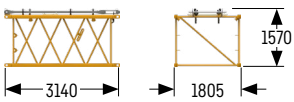
Weight including pendants	kg	941

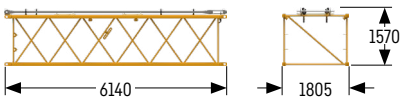
Jib foot 5.5 m with A-frames 2 + 3 (No. 1309.22)

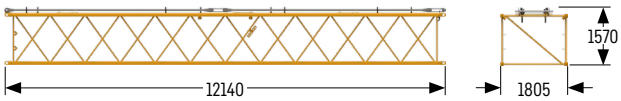
Weight including pendants	kg	4493

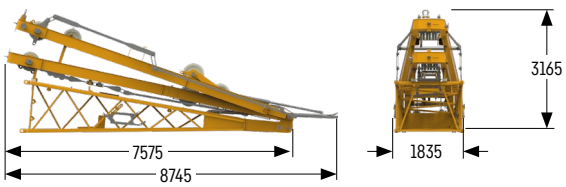
Luffing jib 1713.xx











Jib head 7 m (No. 1713.21)

Weight including pendants	kg	1376

Jib section 3 m (No. 1713.18)

Weight including pendants	kg	394

Jib section 6 m (No. 1713.18)

Weight including pendants	kg	624

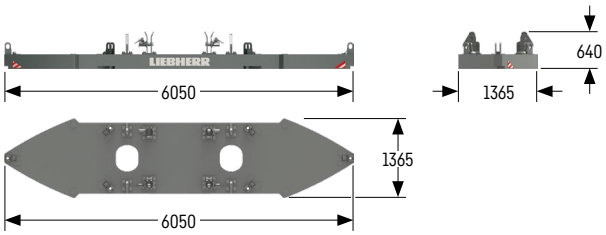
Jib section 12 m (No. 1713.18)

Weight including pendants	kg	1122

Jib foot 7 m with A-frames 2 + 3 (No. 1713.22)

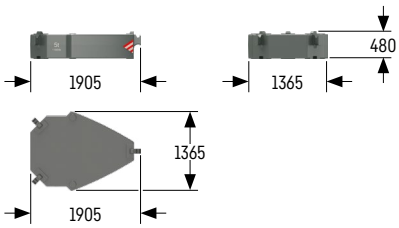
Weight including pendants	kg	4747

Counterweight



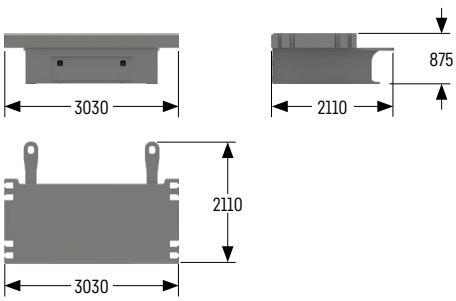
Basic counterweight slab without tie-down (1x)

Weight	kg	12000



Counterweight slab (10x)

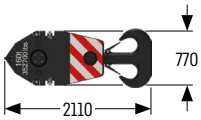
Weight	kg	5000

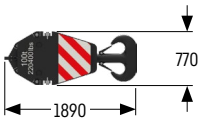


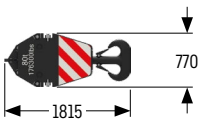
Carbody counterweight (2x)

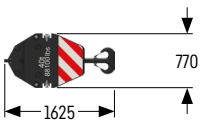
Weight	kg	10000

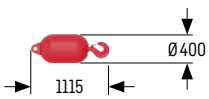
Pulley block with additional weights / load hooks











160 t pulley block – 7 pulleys

Width	mm	885
Weight	kg	1500 / 2250 / 3000

100 t pulley block – 5 pulleys

Width	mm	745
Weight	kg	1300 / 1800 / 2300

80 t pulley block – 3 pulleys

Width	mm	565
Weight	kg	1000 / 1500 / 2000

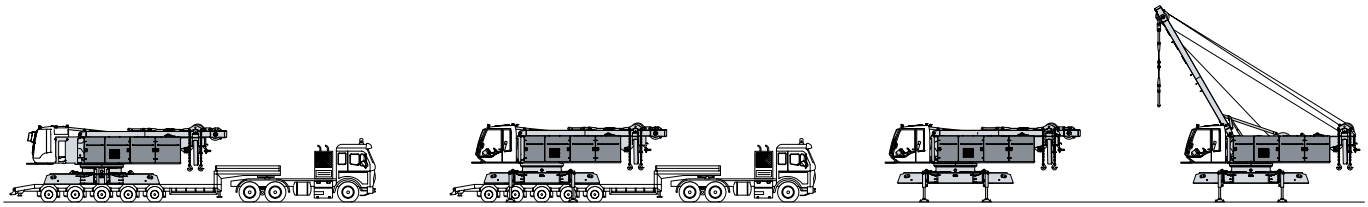
40 t pulley block – 1 pulley

Width	mm	490
Weight	kg	700 / 1100 / 1500

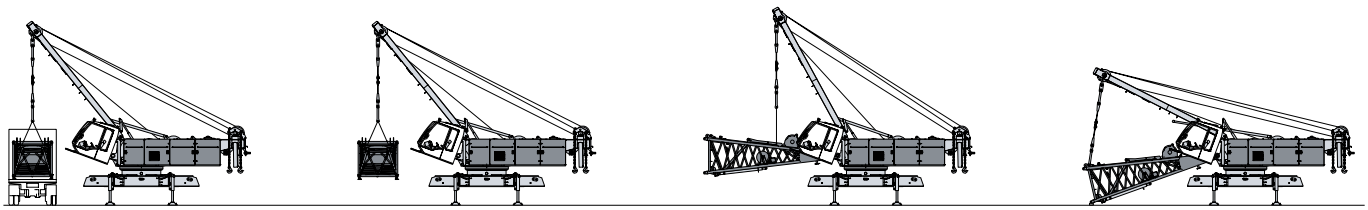
12.5 t load hook

Weight	kg	600

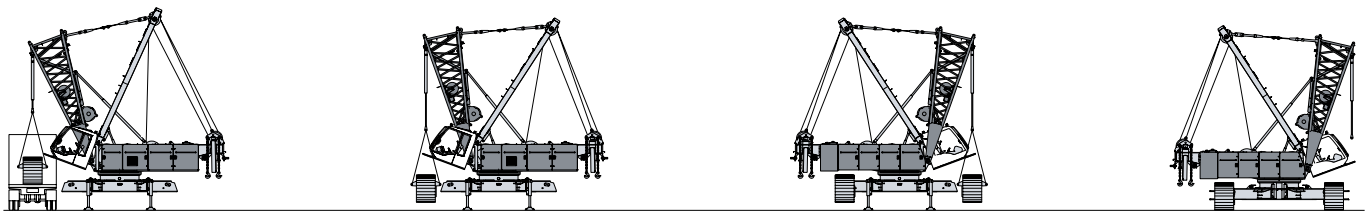
Self-assembly system



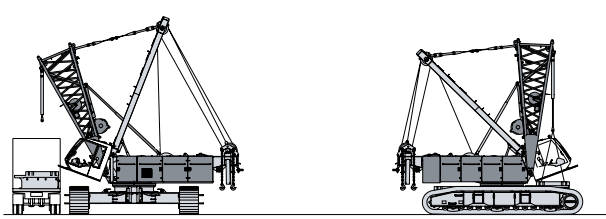
Unloading of basic machine



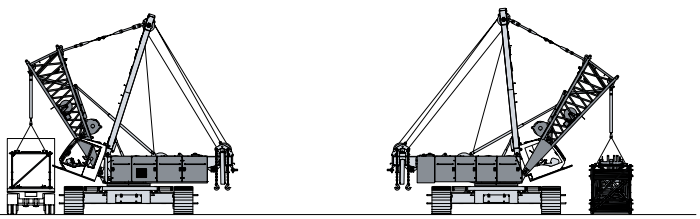
Unloading and assembly of boom foot



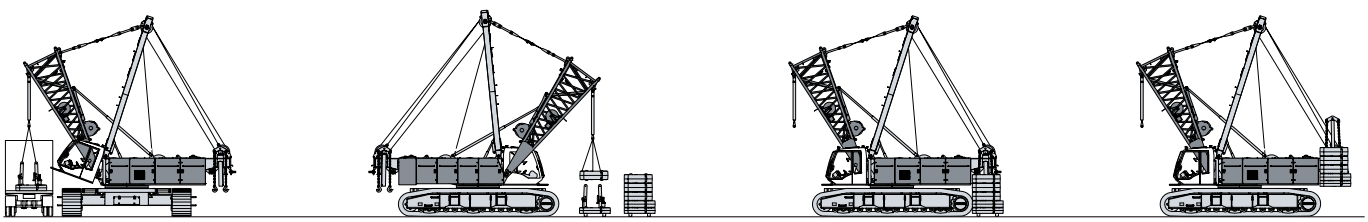
Unloading and assembly of crawler side frames



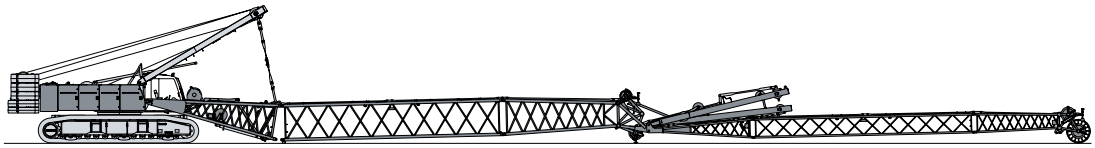
Unloading and assembly of carbody counterweight



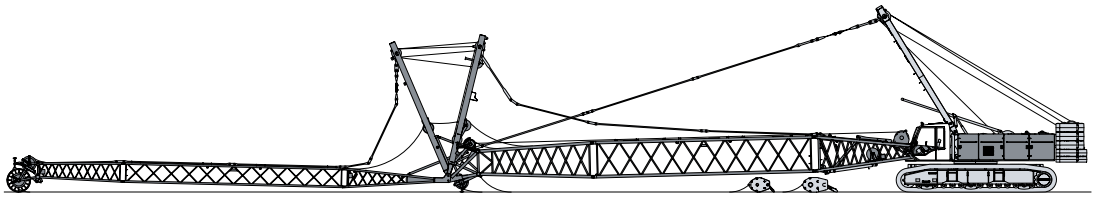
Unloading and assembly of boom



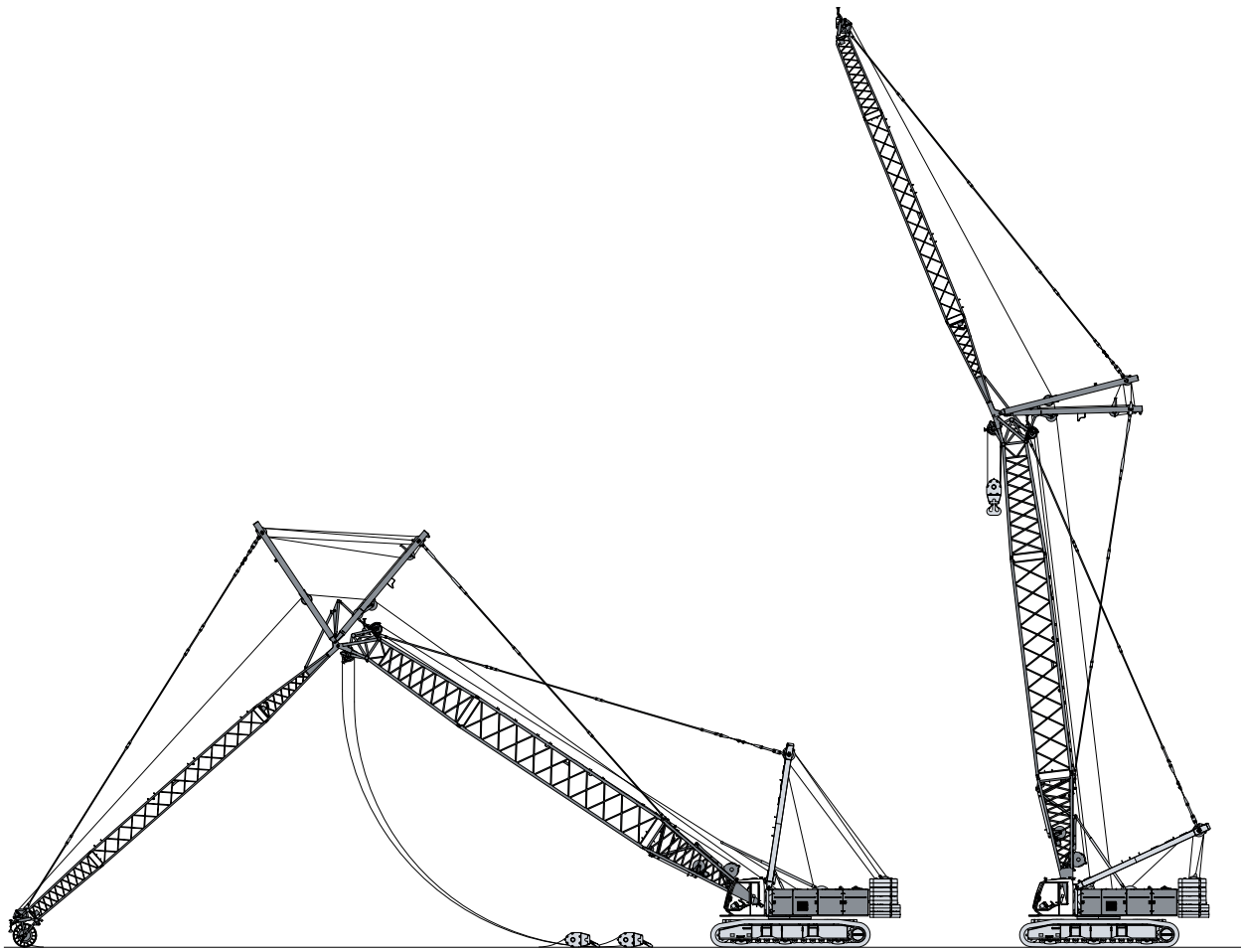
Unloading and assembly of rear counterweight



Assembly of boom

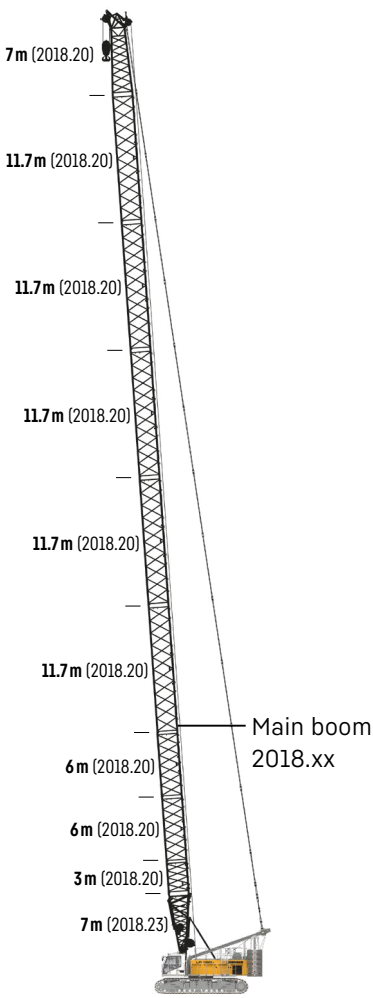


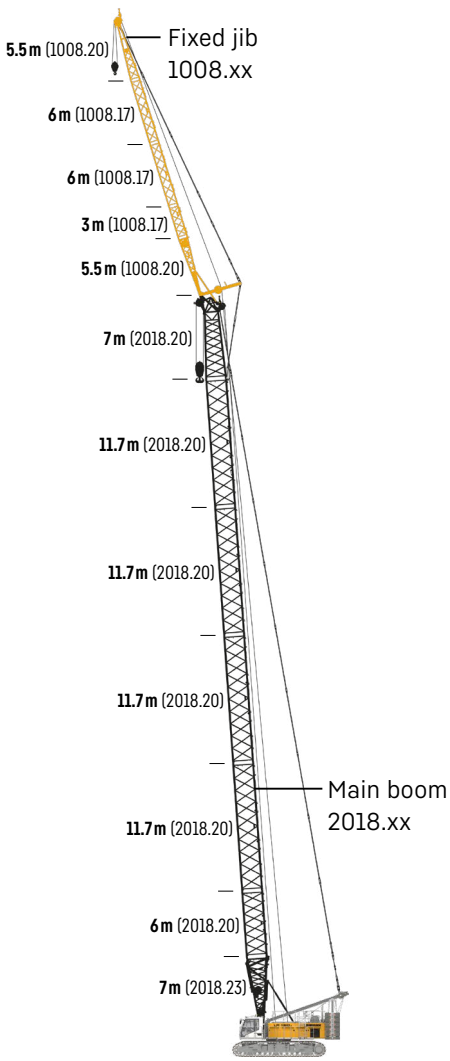
Reeving of hoist and luffing jib ropes

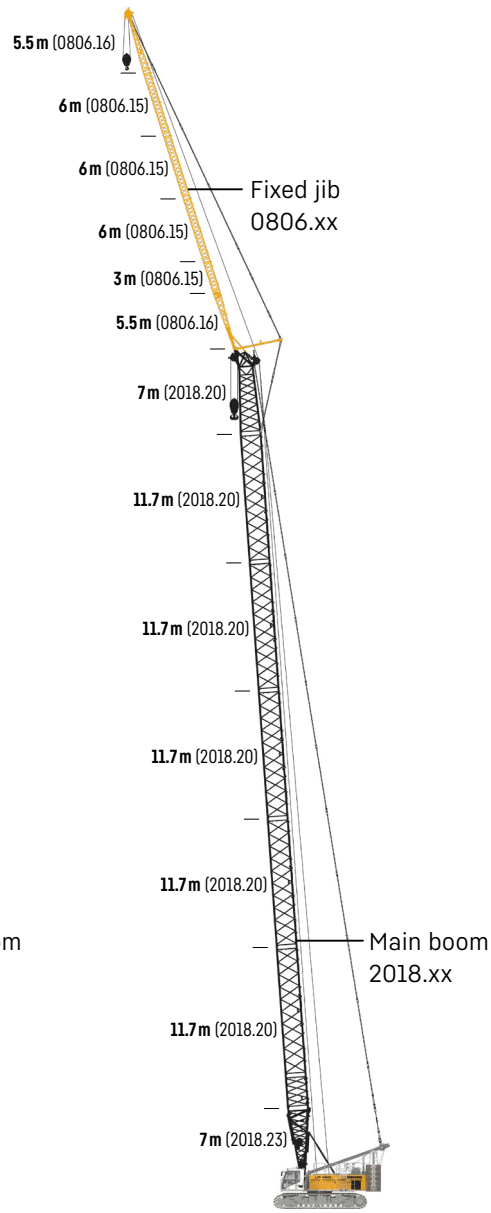


Erecting of main boom and luffing jib

Boom combinations







Main boom

Mode 1		
Max. length		
2018.xx	m	87.5

Further information on page 18.

Main boom + fixed jib

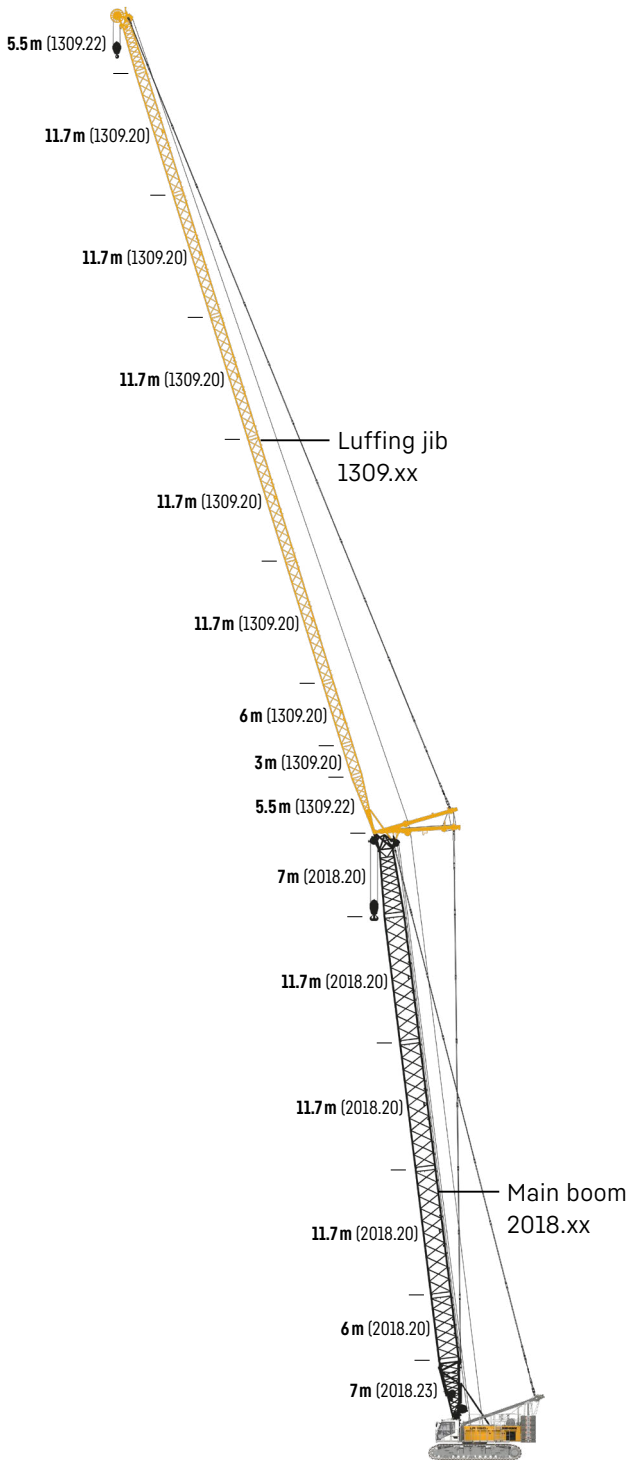
Mode 3			
Max. combination			
2018.xx	m	66.8	69.8
1008.xx	m	26	20
Total length	m	92.8	89.8

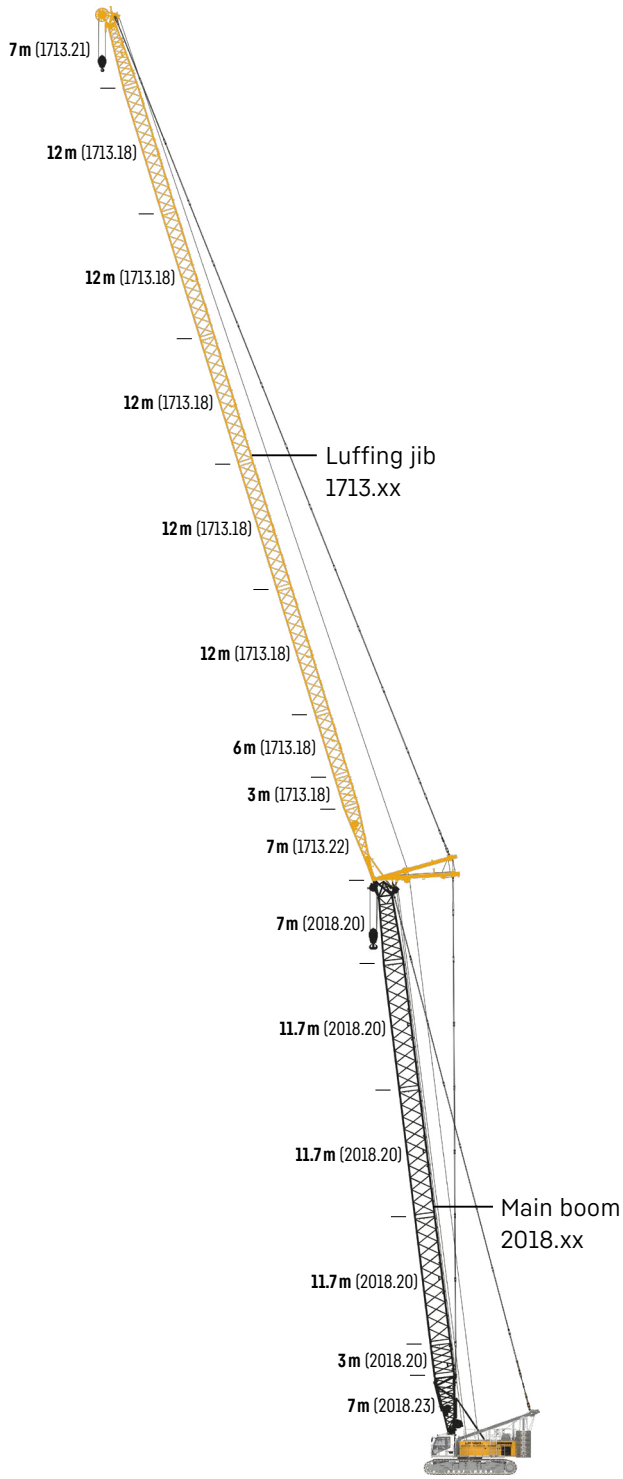
Further information on page 30.

Main boom + fixed jib

Mode 3			
Max. combination			
2018.xx	m	75.5	78.5
0806.xx	m	32	26
Total length	m	107.5	104.5

Further information on page 33.





Main boom + luffing jib

Mode 4			
Max. combination			
2018.xx	m	55.1	58.1
1309.xx	m	78.5	66.8
Total length	m	133.6	124.9

Further information on page 20.

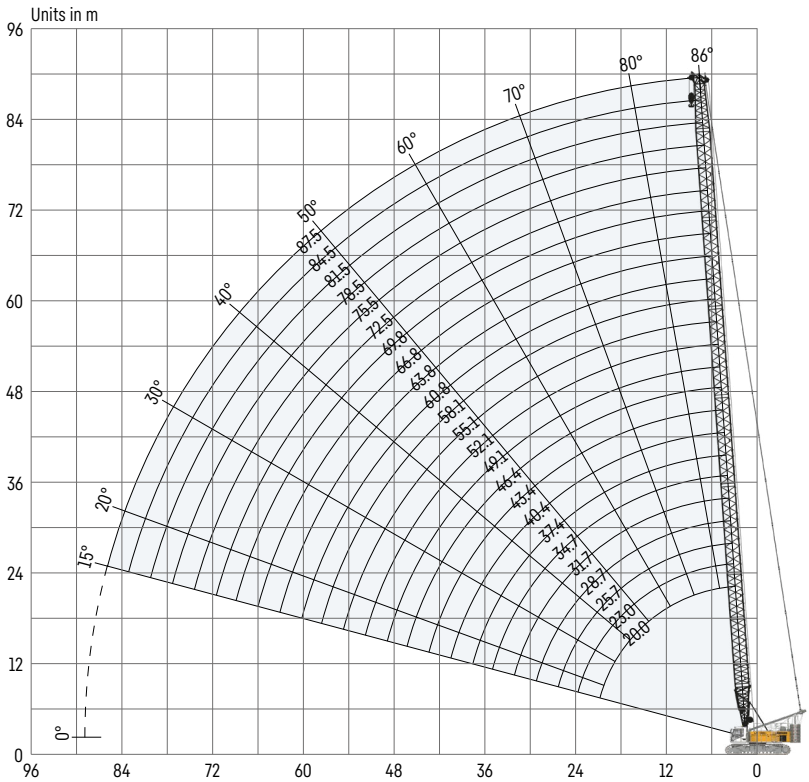
Main boom + luffing jib

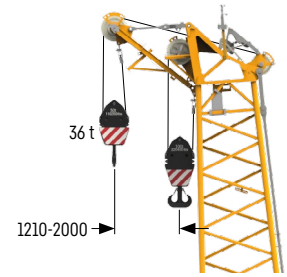
Mode 4			
Max. combination			
2018.xx	m	52.1	55.1
1713.xx	m	83	68
Total length	m	135.1	123.1

Further information on page 25.

Main boom 2018.xx

Boom lengths 20-87.5 m





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

Main boom configuration 2018.xx

Boom section	Amount of boom sections											
Boom foot 7 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 11.7 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
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**
Auxiliary jib	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Boom foot 7 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**	2	**2**
Boom section 11.7 m	3	**3**	4	4	4	**4**	5	5	5	**5**	5	**5**
Boom head 7 m	1	**1**	1	1	1	**1**	1	1	1	**1**	1	**1**
Boom length [m]	**55.1**	**58.1**	**60.8**	**63.8**	**66.8**	**69.8**	**72.5**	**75.5**	**78.5**	**81.5**	**84.5**	**87.5**
Auxiliary jib	✓	✓	✓	✓	✓	✓	✓					

Load capacities with main boom

Load capacities in [t] with 62.3 t rear counterweight and 20 t carbody counterweight

Radius [m]	Boom length [m]											
	20	**28.7**	**34.7**	**40.4**	**46.4**	**52.1**	**58.1**	**63.8**	**69.8**	**75.5**	**81.5**	**87.5**
5	160.0*	136.3	126.4									
6	137.0	131.2	122.9	104.8	86.4							
7	122.6	115.1	111.0	98.9	82.7	69.5	58.0	46.7				
8	111.6	102.0	95.8	89.4	78.9	66.4	56.0	46.3	37.9	31.6		
9	97.0	89.0	84.2	79.7	72.1	63.7	53.8	44.5	36.8	31.3	26.0	21.9
10	84.9	78.9	75.0	71.5	66.5	59.9	51.5	43.3	35.7	30.4	25.3	21.7
11	73.8	70.8	67.5	64.6	61.7	56.7	48.9	41.1	34.8	29.7	24.6	21.0
12	65.2	64.2	61.3	58.9	56.4	54.2	46.7	39.0	33.4	28.9	24.1	20.5
13	58.3	58.3	56.1	54.0	51.8	49.8	44.9	37.2	32.3	28.1	23.4	20.1
14	52.6	52.6	51.7	49.8	47.8	46.1	42.7	35.8	31.2	27.3	22.7	19.4
16	43.9	43.9	43.8	43.0	41.4	40.0	37.7	32.6	29.4	26.1	21.4	18.1
18	37.5	37.5	37.3	37.2	36.4	35.2	33.8	29.5	27.0	24.7	20.5	17.1
20	32.5	32.6	32.4	32.3	32.0	31.3	30.1	27.2	25.0	23.3	19.3	16.2
22		28.7	28.6	28.4	28.1	27.9	27.0	25.2	23.4	22.1	18.3	15.3
24		25.6	25.4	25.3	25.0	24.8	24.4	23.3	21.9	21.1	17.4	14.5
26		23.0	22.8	22.7	22.4	22.2	21.9	21.4	20.4	19.8	16.7	13.9
28		20.7	20.6	20.5	20.2	20.0	19.7	19.4	18.8	18.1	15.8	13.3
30			18.7	18.6	18.3	18.1	17.8	17.6	17.2	16.5	14.9	12.7
32			17.1	17.0	16.7	16.5	16.2	15.9	15.6	15.2	14.0	12.2
34			15.7	15.6	15.3	15.1	14.8	14.5	14.2	13.9	13.2	11.6
36				14.3	14.1	13.9	13.5	13.3	13.0	12.7	12.1	11.2
38				13.2	13.0	12.8	12.4	12.2	11.9	11.6	11.2	10.4
40				12.2	12.0	11.8	11.5	11.3	10.9	10.7	10.3	9.6
42					11.1	10.9	10.6	10.4	10.1	9.8	9.4	8.8
44					10.3	10.1	9.8	9.6	9.3	9.0	8.6	8.1
46					9.6	9.4	9.1	8.8	8.5	8.2	7.9	7.4
48						8.7	8.4	8.2	7.9	7.6	7.2	6.8
50						8.1	7.8	7.6	7.3	7.0	6.6	6.3
55							6.5	6.3	5.9	5.7	5.3	5.0
60								5.1	4.8	4.6	4.2	3.9
65									3.9	3.6	3.3	3.0
70										2.8	2.5	2.2
75										2.1		

* Load capacities over 137 t require a special heavy duty boom head.

TLT 11962119. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

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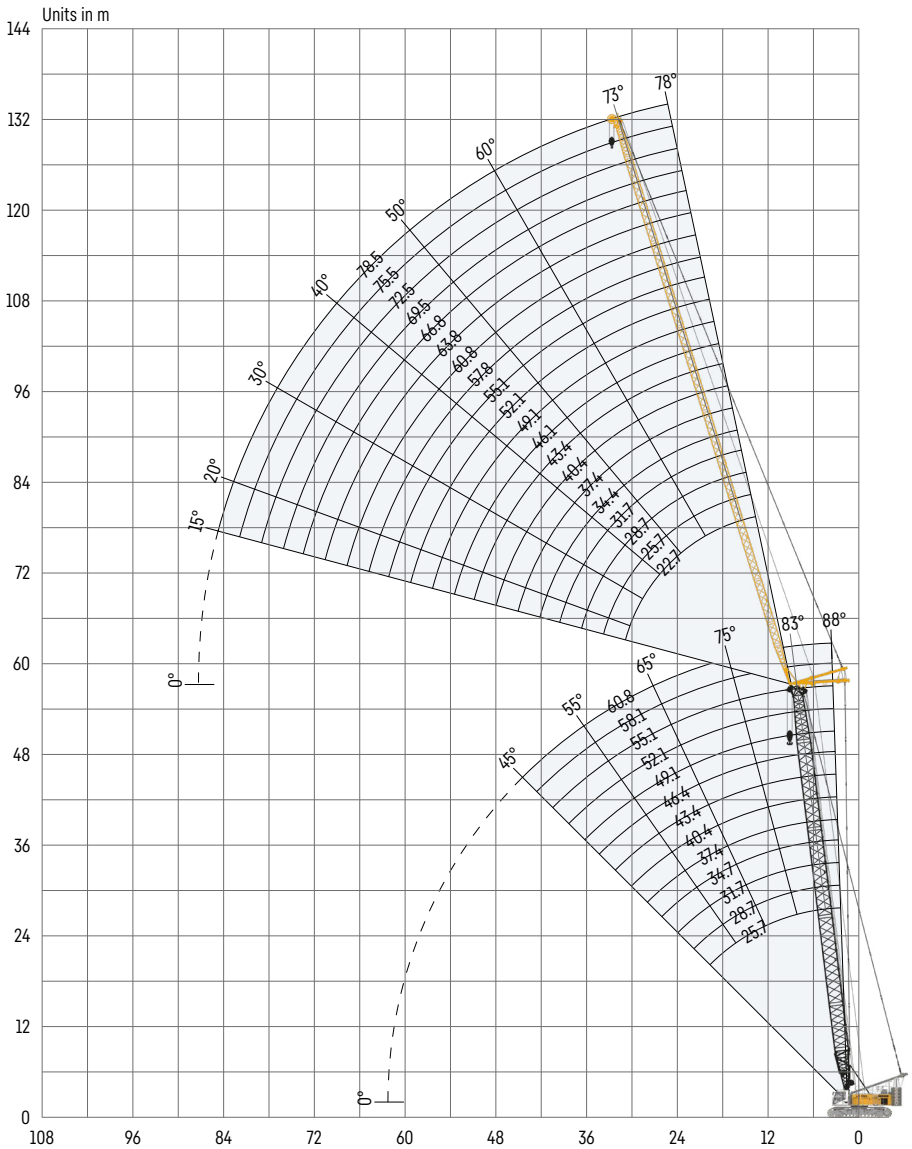
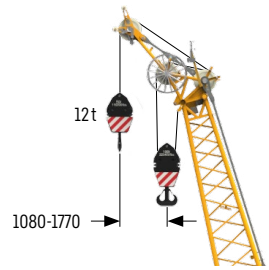
Crane Planner 2.0

Luffing jib 1309.xx

Jib lengths 22.7-78.5 m





Auxiliary jib 12 t (option)
The maximum capacity of the auxiliary jib is 12 t.

Jib configuration 1309.xx

Jib section	Amount of jib sections																			
Jib foot 5.5 m	1	1	1	**1**	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**		1		**1**
Jib section 6 m			1	**1**			1	**1**			1	**1**			1	**1**			1	**1**
Jib section 11.7 m	1	1	1	**1**	2	2	2	**2**	3	3	3	**3**	4	4	4	**4**	5	5	5	**5**
Jib head 5.5 m	1	1	1	**1**	1	1	1	**1**	1	1	1	**1**	1	1	1	**1**	1	1	1	**1**
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**
Auxiliary jib	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

For main boom configuration please refer to the table on page 18.

Load capacities with luffing jib

Load capacities in [t] with 25.7 m main boom 88°

Radius [m]	Jib length [m]					
	22.7	40.4	55.1	63.8	72.5	78.5
8.6	47.4					
13	37.6	20.8				
16	28.6	19.3	10.7			
18	24.1	18.5	10.2	7.8		
20	20.5	16.8	9.8	7.4	5.2	
22	17.6	15.4	9.3	7.2	5.0	3.6
26		12.6	8.7	6.7	4.7	3.3
36		8.6	7.2	5.9	4.1	2.7
44			5.7	5.3	3.6	2.4
55			4.1	3.6	2.8	2.0
60				3.1	2.3	
65				2.5		

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 40.4 m main boom 88°

Radius [m]	Jib length [m]					
	22.7	40.4	55.1	63.8	72.5	78.5
9.1	37.3					
13	29.8	17.5				
16	23.6	16.6	9.6			
18	20.3	15.9	9.4	7.0		
20	17.8	14.4	9.0	6.8	4.8	
22	15.6	12.7	8.6	6.6	4.7	3.5
28		9.8	7.8	6.0	4.3	3.0
42		6.4	5.2	4.5	3.5	2.4
44			4.9	4.3	3.3	2.3
55			3.6	3.0	2.4	
60				2.6		
65				2.1		

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 55.1 m main boom 88°

Radius [m]	Jib length [m]					
	22.7	40.4	55.1	63.8	72.5	78.5
9.6	26.2					
14	20.7	14.0				
18	16.0	12.4	8.1			
20	14.4	11.6	7.8	5.9	3.8	
22	12.9	10.3	7.5	5.7	3.7	3.0
24	11.9	9.3	7.3	5.6	3.6	2.9
26	11.0	8.6	6.9	5.4	3.5	2.8
28		7.9	6.4	5.3	3.4	2.7
38		6.0	4.7	4.1	3.0	2.3
44			4.0	3.3	2.5	2.0
46			3.7	3.1	2.3	
55			2.9	2.3		

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 58.1 m main boom 88°

Radius [m]	Jib length [m]					
	22.7	34.4	40.4	52.1	60.8	66.8
9.7	24.2					
13	20.9	15.8				
14	19.4	15.5	13.0			
16	17.3	14.3	12.5	8.5		
18	15.2	12.9	11.7	8.3	5.9	
20	13.6	11.7	10.9	8.1	5.7	4.7
26	10.3	8.8	8.2	6.9	5.1	4.2
28		8.2	7.6	6.4	5.0	4.1
40			5.5	4.4	3.7	3.2
42			5.2	4.2	3.5	3.0
44				4.0	3.3	2.8
55				2.9	2.3	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 60.8 m main boom 88°

Radius [m]	Jib length [m]					
	22.7	28.7	34.4	40.4	46.1	49.1
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	10.4	9.0	8.2
26	10.2	9.2	8.5	7.6	7.0	6.5
28		8.7	7.9	7.1	6.6	6.2
34			6.7	5.9	5.5	5.1
40				5.1	4.6	4.3
46					3.9	3.7
48					3.8	3.5
50						3.3

62.3 t rear counterweight and 20 t carbody counterweight

TLT 11962119. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

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Crane Planner 2.0

Load capacities with luffing jib

Load capacities in [t] with 25.7 m main boom 83°

Radius [m]	Jib length [m] 22.7	40.4	55.1	63.8	72.5	78.5
12.8	44.1					
18	32.4	18.9				
24	19.2	16.5	9.3			
26	17.1	15.7	9.0	6.8		
28	12.1	14.6	8.7	6.6	4.7	
30		13.8	8.5	6.5	4.5	3.2
40		9.6	7.4	5.8	4.0	2.7
46			6.7	5.4	3.6	2.4
55			5.4	4.8	3.2	2.1
60				4.3	2.9	2.0
65				3.6	2.7	
70					2.2	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 40.4 m main boom 83°

Radius [m]	Jib length [m] 22.7	40.4	55.1	63.8	72.5	78.5
14.6	33.7					
20	24.6	15.8				
26	16.5	13.9	8.4			
28	15.1	13.1	8.2	6.2		
30		12.1	8.0	6.1	4.3	
32		11.4	7.8	6.0	4.3	3.0
46		7.2	6.3	5.1	3.5	2.4
48			6.0	5.0	3.4	2.3
50			5.7	4.8	3.3	2.2
60			4.2	3.8	2.8	
65				3.2	2.5	
70					2.2	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 55.1 m main boom 83°

Radius [m]	Jib length [m] 22.7	40.4	55.1	63.8	72.5	78.5
16.4	21.3					
22	16.7	12.0				
26	14.0	10.8	7.3			
30	12.1	9.8	7.1	5.4		
32		9.1	6.9	5.3	3.5	
34		8.6	6.7	5.2	3.4	2.7
48		5.9	4.9	4.2	2.8	2.1
50			4.6	4.1	2.8	2.1
55			4.0	3.4	2.6	
60			3.5	2.9	2.1	
65				2.5		
70				2.1		

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 58.1 m main boom 83°

Radius [m]	Jib length [m] 22.7	40.4	52.1	57.8	60.8	66.8
16.7	19.2					
22	15.6	10.9				
26	13.4	10.0	7.5			
28	12.4	9.5	7.4	6.4	5.4	
30	11.6	9.1	7.2	6.3	5.4	4.3
36		7.8	6.5	5.7	4.9	4.1
38		7.3	6.1	5.5	4.8	3.9
44		6.3	5.3	4.8	4.3	3.6
48		5.6	4.7	4.4	4.0	3.4
50			4.5	4.1	3.8	3.3
60			3.4	3.1	2.7	2.4
65					2.6	2.2

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 60.8 m main boom 83°

Radius [m]	Jib length [m] 22.7	28.7	34.4	40.4	46.1	49.1
17.1	17.6					
20	15.7	13.9				
22	14.6	12.8	11.7			
24	13.5	12.0	11.0	9.2	7.8	
26	12.7	11.3	10.3	8.7	7.8	7.2
34		9.1	8.4	7.4	6.7	6.3
38		8.1	7.6	6.7	6.2	5.8
40			7.2	6.3	5.9	5.6
44				5.7	5.3	5.0
48				5.1	4.7	4.5
50					4.5	4.2
55						3.7

62.3 t rear counterweight and 20 t carbody counterweight

TLT 11962119. Above load charts are for reference only. For actual lift duty please refer to load chart in operator's cabin or manual. Otherwise we recommend you to plan your lifting job using Crane Planner 2.0.

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Load capacities with luffing jib

Load capacities in [t] with 25.7 m main boom 75°

Radius [m]	Jib length [m]					
	22.7	40.4	55.1	63.8	72.5	78.5
19.2	24.0					
28	21.8	16.7				
34		14.1	8.4			
38		12.4	8.0	6.1		
40		11.6	7.8	6.0		
42		10.9	7.6	5.8	4.0	
44		10.3	7.5	5.7	3.9	2.6
50			6.8	5.4	3.6	2.4
55			6.3	5.1	3.4	2.2
65				4.5	2.9	
70				4.0	2.7	
75					2.4	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 40.4 m main boom 75°

Radius [m]	Jib length [m]					
	22.7	40.4	55.1	63.8	72.5	78.5
23.1	24.7					
32	17.6	14.1				
40		11.9	7.6			
42		11.3	7.5	5.6		
46		10.2	7.2	5.4	3.7	
48		9.7	7.1	5.3	3.6	2.4
50		9.1	6.9	5.2	3.6	2.4
55			6.5	5.0	3.3	2.2
65			5.4	4.5	2.9	
70				4.2	2.7	
75				3.8	2.5	
80					2.3	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 55.1 m main boom 75°

Radius [m]	Jib length [m]					
	22.7	40.4	55.1	63.8	66.8	72.5
26.9	15.1					
36	12.4	9.2				
38	12.1	8.8				
42		8.2	6.1			
46		7.6	5.8	4.5	4.0	
48		7.4	5.7	4.4	4.0	2.9
55		6.7	5.1	4.1	3.7	2.8
60			4.7	3.9	3.5	2.7
65			4.4	3.6	3.2	2.5
70			4.0	3.3	3.0	2.3
75				3.0	2.7	2.0
80					2.4	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 58.1 m main boom 75°

Radius [m]	Jib length [m]					
	22.7	40.4	46.1	55.1	63.8	66.8
27.6	13.4					
36	11.2	8.2				
38	10.9	7.9	7.0			
40		7.6	6.9			
42		7.3	6.7	5.4		
46		6.8	6.2	5.2	3.8	
48		6.6	6.0	5.0	3.7	3.4
55		6.0	5.4	4.5	3.5	3.1
60			5.0	4.1	3.2	2.9
65				3.9	2.9	2.6
75					2.5	2.2
80						2.0

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 60.8 m main boom 75°

Radius [m]	Jib length [m]					
	22.7	31.7	40.4	43.4	46.1	49.1
28.3	12.1					
34	10.7	9.1				
36	10.2	8.7	6.9			
38	9.9	8.3	6.8	6.3		
40	9.7	8.0	6.6	6.2	5.9	5.4
42		7.7	6.3	6.0	5.7	5.3
46		7.2	5.9	5.6	5.3	5.0
48		7.0	5.7	5.4	5.2	4.8
50			5.5	5.2	5.0	4.7
55			5.2	4.8	4.6	4.3
60				4.6	4.3	4.0
65						3.8

62.3 t rear counterweight and 20 t carbody counterweight

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Load capacities with luffing jib

Load capacities in [t] with 25.7 m main boom 65°

Radius [m]	Jib length [m] 22.7	40.4	55.1	63.8	72.5	78.5
26.8	21.8					
38		13.5				
46		10.7	7.5			
48		10.1	7.4			
50		9.5	7.2			
55			6.7	5.3		
60			6.2	5.1	3.3	2.2
65			5.6	4.9	3.1	2.0
70				4.5	2.9	
75				4.0	2.7	
80					2.5	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 40.4 m main boom 65°

Radius [m]	Jib length [m] 22.7	40.4	55.1	63.8	72.5	75.5
33	15.1					
42	11.2					
44		9.9				
50		8.3				
55		7.3	6.6			
60			5.8	4.9		
65			5.1	4.7	3.1	2.6
70			4.5	4.2	2.9	2.5
75				3.6	2.7	2.3
80				3.2	2.6	2.1
85					2.4	
90					2.1	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 52.1 m main boom 65°

Radius [m]	Jib length [m] 22.7	31.7	43.4	57.8	63.8	69.5
38	11.2					
42	9.9					
44	9.3	8.8				
46	8.8	8.3				
48		7.9				
50		7.5	6.7			
55		6.5	5.9			
60			5.3	4.3		
65			4.6	3.8	3.4	3.1
70				3.4	3.0	2.6
75				2.9	2.6	2.2
80				2.6	2.2	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 55.1 m main boom 65°

Radius [m]	Jib length [m] 22.7	34.4	37.4	46.1	57.8	60.8
39.3	10.2					
40	10.0					
44	9.0					
46	8.5	7.7				
48	8.0	7.3	7.0			
50		6.9	6.7			
55		6.2	5.9	5.4		
60			5.3	4.7	4.0	
65				4.2	3.5	3.2
70				3.7	3.0	2.8
75					2.6	2.4
80					2.3	2.1

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 58.1 m main boom 65°

Radius [m]	Jib length [m] 22.7	28.7	34.4	46.1	55.1	60.8
40.5	9.3					
42	8.9					
44	8.5	8.0				
46	8.0	7.6				
48	7.7	7.2	6.8			
50		6.9	6.5			
55		6.1	5.7	4.9		
60			5.1	4.3	3.7	
65				3.8	3.2	2.9
70				3.4	2.8	2.5
75					2.4	2.1
80					2.1	

62.3 t rear counterweight and 20 t carbody counterweight

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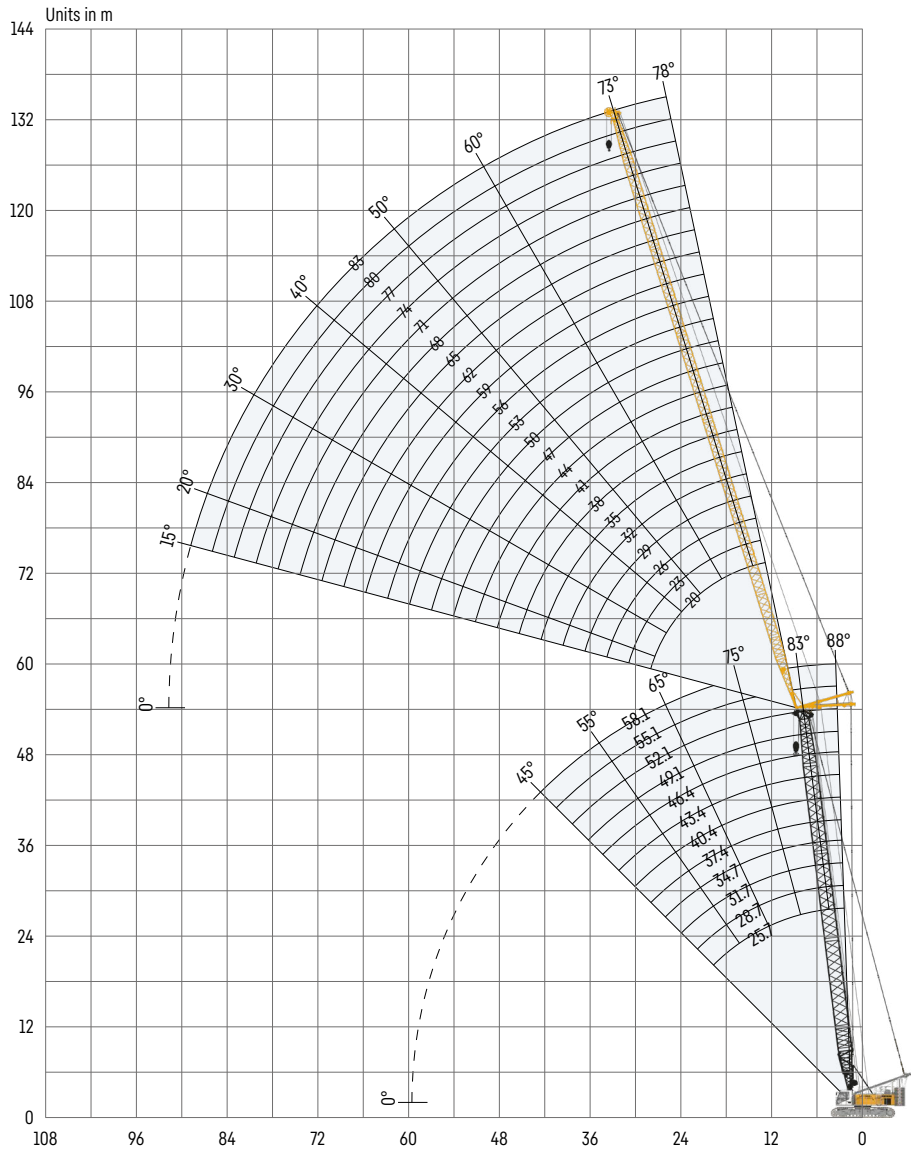
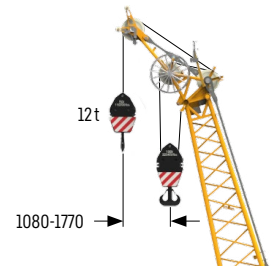
Luffing jib 1713.xx

Jib lengths 20-83 m





Auxiliary jib 12 t (option)
The maximum capacity of the auxiliary jib is 12 t.

Jib configuration 1713.xx

Jib section	Amount of jib sections																					
Jib 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**
Jib section 3 m		1		1		**1**		1		**1**		1		**1**		1		**1**		1		**1**
Jib section 6 m	1	1			1	**1**			1	**1**			1	**1**			1	**1**			1	**1**
Jib section 12 m			1	1	1	**1**	2	2	2	**2**	3	3	3	**3**	4	4	4	**4**	5	5	5	**5**
Jib 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**
Jib length [m]	**20**	**23**	**26**	**29**	**32**	**35**	**38**	**41**	**44**	**47**	**50**	**53**	**56**	**59**	**62**	**65**	**68**	**71**	**74**	**77**	**80**	**83**
Auxiliary jib	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

For main boom configuration please refer to the table on page 18.

Load capacities with luffing jib

Load capacities in [t] with 25.7 m main boom 88°

Radius [m]	Jib length [m] 20	35	47	59	71	83
8	59.2					
12	41.8	34.8				
14	34.3	31.1	22.7			
18	24.1	21.9	19.9	14.5		
20	20.4	18.6	17.6	13.9	9.6	
22	17.1	16.2	15.4	12.7	9.1	6.5
24		14.3	13.3	11.7	8.8	6.3
32		9.7	9.0	7.8	7.0	5.5
38			7.0	5.9	5.3	4.5
46			5.2	4.2	3.6	3.1
50				3.5	3.0	2.3
55				2.9	2.2	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 37.4 m main boom 88°

Radius [m]	Jib length [m] 20	35	47	59	71	83
8.4	47.2					
12	35.2	28.4				
16	25.2	21.6	18.4			
18	21.7	18.5	16.9	12.5		
20	18.6	16.0	14.4	12.0	8.4	
22	16.3	14.0	12.6	11.0	8.1	5.6
24		12.3	11.1	9.7	7.9	5.5
40			5.9	4.8	4.0	3.2
48			4.8	3.4	2.7	
50				3.1	2.4	
55				2.6		
60				2.0		

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 43.4 m main boom 88°

Radius [m]	Jib length [m] 20	35	47	59	71	83
8.6	40.2					
12	31.5	24.9				
16	22.5	19.5	16.5			
18	19.7	17.0	15.0	11.4		
20	17.3	14.8	12.9	10.9	7.7	
22	15.2	13.2	11.5	10.0	7.5	5.1
34		7.7	6.5	5.6	4.7	3.9
40			5.2	4.4	3.6	2.7
44			4.6	3.8	2.9	2.2
46			4.3	3.4	2.6	
50				2.9	2.2	
55				2.4		

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 52.1 m main boom 88°

Radius [m]	Jib length [m] 20	35	47	59	71	83
8.9	31.3					
13	24.1	19.5				
14	22.5	18.6				
16	19.4	16.3	13.6			
18	17.0	14.4	12.5	9.7		
20	14.9	12.6	10.9	9.1	5.6	
24	11.7	10.0	8.7	7.4	5.4	3.3
26		9.1	7.9	6.8	5.0	3.3
34		6.8	5.8	4.8	3.5	2.6
40			4.7	3.8	2.7	
46			3.9	3.0		
55				2.1		

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 58.1 m main boom 88°

Radius [m]	Jib length [m] 20	29	35	41	47	50
9.1	26.3					
12	22.9	19.5				
13	21.2	18.7	16.6			
14	19.9	17.5	15.9	14.0		
16	17.4	15.4	14.2	13.0	10.4	9.7
26		8.9	8.2	7.6	6.7	6.5
34			6.2	5.7	5.0	4.7
40				4.7	4.1	3.9
42				4.5	3.8	3.6
44				4.0	3.6	3.4
48					3.2	3.0
50					2.8	2.8

62.3 t rear counterweight and 20 t carbody counterweight

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Load capacities with luffing jib

Load capacities in [t] with 25.7 m main boom 83°

Radius [m]	Jib length [m] 20	35	47	59	71	83
12	51.7					
18	31.5	29.3				
20	26.3	26.0	20.2			
24	19.0	19.9	18.5	12.9		
26		17.3	16.6	12.6		
28		15.4	15.2	12.2	8.5	
32		12.5	12.3	11.1	8.1	5.7
38		9.6	9.3	8.9	7.4	5.0
48			6.1	5.6	5.4	4.3
55				4.0	3.9	3.4
60				3.2	2.9	2.8
65					2.1	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 37.4 m main boom 83°

Radius [m]	Jib length [m] 20	35	47	59	71	83
13.4	40.7					
18	29.9	24.9				
22	21.6	20.3	16.4			
24	18.7	17.7	15.7			
26	16.5	15.7	14.8	10.9		
28		14.0	13.3	10.7		
30		12.8	12.3	10.5	7.5	
40		8.5	7.8	7.3	6.6	4.7
42			7.2	6.7	6.4	4.5
50			5.4	4.7	4.3	3.7
55				3.8	3.4	2.8
60				3.1	2.6	2.2

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 43.4 m main boom 83°

Radius [m]	Jib length [m] 20	35	47	59	71	83
14.1	34.0					
20	23.6	20.2				
22	20.2	18.4				
24	17.7	16.3	13.9			
26	16.0	14.7	13.0	10.2		
30		12.0	11.1	9.5	7.0	
34		10.2	9.3	8.4	6.7	4.6
42		7.1	6.8	6.1	5.7	4.2
48			5.5	4.8	4.3	3.8
55				3.6	3.0	2.5
60				2.9	2.3	
65				2.2		

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 52.1 m main boom 83°

Radius [m]	Jib length [m] 20	35	47	59	71	83
15.2	25.5					
20	20.1	15.8				
24	15.8	13.5	11.0			
28	12.9	11.4	9.8	7.9		
30		10.4	9.2	7.6		
32		9.6	8.8	7.3	4.9	
42		6.7	6.0	5.2	3.8	2.6
46			5.2	4.5	3.3	2.3
50			4.6	3.8	2.8	2.0
55				3.1	2.2	
60				2.6		
65				2.0		

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 58.1 m main boom 83°

Radius [m]	Jib length [m] 20	29	35	41	47	50
15.9	20.7					
20	17.3	14.8				
22	15.9	13.5	12.2			
24	14.5	12.6	11.3	10.3	8.2	
26	13.1	11.6	10.6	9.7	8.0	7.5
30		9.9	9.2	8.6	7.2	6.9
38		7.4	7.0	6.6	5.8	5.6
40			6.6	6.1	5.5	5.3
42			6.2	5.7	5.1	5.0
48				4.8	4.2	4.0
50					3.9	3.7
55					3.2	3.2

62.3 t rear counterweight and 20 t carbody counterweight

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Load capacities with luffing jib

Load capacities in [t] with 25.7 m main boom 75°

Radius [m]	Jib length [m] 20	35	47	59	71	83
18.1	24.0					
26	23.7	23.0				
30		18.3	16.6			
36		13.8	12.7	11.5		
40		11.9	11.1	9.9	7.6	
44			9.3	8.3	7.1	
46			8.7	7.7	6.8	4.9
55			5.9	5.6	5.0	4.3
60				4.8	4.2	3.5
65				3.9	3.5	2.9
70					2.9	2.4
75					2.2	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 37.4 m main boom 75°

Radius [m]	Jib length [m] 20	35	47	59	71	83
21.1	24.0					
28	20.7	19.2				
32	12.1	16.6				
34		15.4	14.2			
36		14.5	13.2			
38		13.5	12.3	10.3		
44		10.8	10.2	9.2	6.8	
48			8.8	7.9	6.6	4.4
60				5.3	4.6	3.7
65				4.4	3.9	3.2
70					3.3	2.7
75					2.6	2.1

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 43.4 m main boom 75°

Radius [m]	Jib length [m] 20	35	47	59	71	83
22.7	24.5					
30	18.5	16.1				
36		13.6	11.5			
38		12.8	10.9			
40		12.1	10.5	8.6		
42		11.4	9.9	8.5		
46		9.8	9.0	7.8	6.0	
50			8.0	7.1	5.7	3.9
60				5.4	4.7	3.5
65				4.5	4.0	3.1
70				3.5	3.3	2.7
75					2.7	2.2

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 52.1 m main boom 75°

Radius [m]	Jib length [m] 20	35	47	59	71	74
24.9	17.4					
32	14.5	11.5				
34	13.9	11.0				
36		10.5				
38		10.0	8.4			
40		9.6	8.0			
42		9.1	7.7	6.2		
48		8.0	6.8	5.6	3.7	3.3
55			5.9	4.8	3.2	2.9
60			5.1	4.3	2.8	2.6
65				3.9	2.5	2.3
70				3.2	2.2	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 58.1 m main boom 75°

Radius [m]	Jib length [m] 20	29	35	41	47	50
26.5	14.1					
32	12.2	10.2				
34	11.6	9.7	8.9			
36	11.3	9.3	8.5	7.7		
38		8.9	8.1	7.4	5.9	
40		8.5	7.8	7.1	5.8	5.5
44		8.0	7.1	6.5	5.4	5.1
48			6.7	6.0	5.0	4.7
50			6.5	5.8	4.8	4.5
55				5.3	4.4	4.1
60					4.0	3.8
65						3.5

62.3 t rear counterweight and 20 t carbody counterweight

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Load capacities with luffing jib

Load capacities in [t] with 25.7 m main boom 65°

Radius [m]	Jib length [m] 20	35	47	59	71	83
25.3	23.2					
34		15.4				
42		11.7	11.2			
44		11.0	10.5			
46		10.4	9.9			
50			8.8	7.8		
55			7.6	6.5	5.5	
60				5.5	4.8	
65				4.8	4.1	3.5
70				4.2	3.5	2.8
75					3.0	2.3
80					2.6	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 37.4 m main boom 65°

Radius [m]	Jib length [m] 20	35	47	59	71	83
30.2	17					
38	12.1					
40		11.2				
46		9.3	8.7			
50		8.3	7.7			
55			6.7	6.1		
60			5.9	5.3	4.5	
65				4.6	3.9	
70				4	3.3	2.5
75				3.5	2.9	2.1
80					2.5	
85					2.1	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 43.4 m main boom 65°

Radius [m]	Jib length [m] 20	35	47	59	71	74
32.8	14.5					
34	13.9					
40	11.3					
42		9.8				
44		9.2				
48		8.2				
50		7.7	7.0			
55		6.7	6.1			
60			5.3	4.6		
65			4.7	4.0	3.2	3.0
70				3.5	2.7	2.5
75				3.0	2.3	2.1

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 52.1 m main boom 65°

Radius [m]	Jib length [m] 20	35	47	53	59	62
36.4	11.3					
38	10.8					
40	10.2					
44	9.0					
46		7.4				
48		7.0				
50		6.7				
55		5.9	5.0			
60			4.3	3.9	3.5	
65			3.8	3.4	3.0	2.8
70			3.3	3.0	2.5	2.4
75				2.6	2.1	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 58.1 m main boom 65°

Radius [m]	Jib length [m] 20	29	35	41	47	50
39	9.3					
40	9.1					
42	8.6					
44	8.1					
46	7.7	6.9				
48		6.6	6.0			
50		6.2	5.7			
55		5.5	5.0	4.6	4.1	
60			4.4	4.0	3.5	3.4
65				3.5	3.0	2.9
70					2.6	2.5
75						2.1

62.3 t rear counterweight and 20 t carbody counterweight

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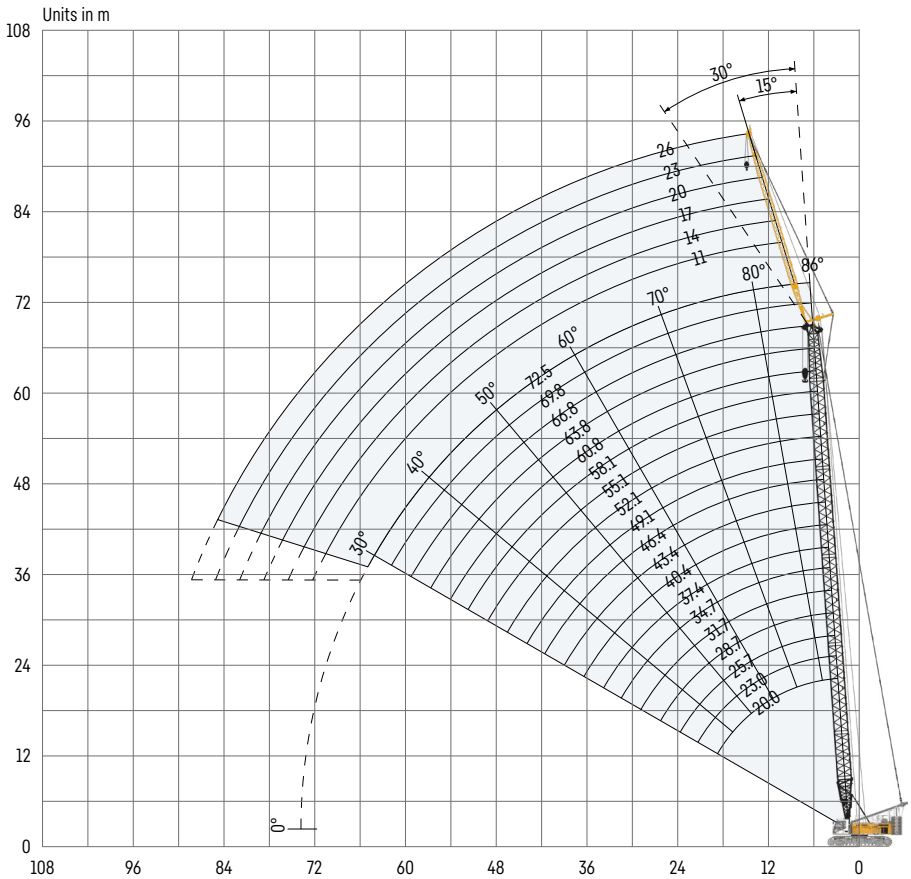
Fixed jib 1008.xx

Jib lengths 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**

For main boom configuration please refer to the table on page 18.

Load capacities with fixed jib 15°

Load capacities in [t] with 20 m main boom

Radius [m]	Jib length [m] 11	14	20	26
5.7	35.9			
7	35.9	35.9		
10	35.9	33.4	24.5	
12	35.9	29.5	21.9	18.1
16	31.4	24.1	18.0	14.3
20	29.6	22.8	15.0	12.1
24	25.9	21.0	14.3	10.5
28	21.1	18.8	13.6	10.4
30	19.2	18.0	12.9	10.4
32		17.2	12.4	10.1
38			11.2	8.9
44				8.0

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 40.4 m main boom

Radius [m]	Jib length [m] 11	14	20	26
6.4	35.9			
8	35.9	34.5		
10	35.9	33.7	26.8	
13	35.9	32.4	25.2	17.4
20	30.1	27.5	20.9	14.8
32	16.7	16.8	15.9	12.4
38	12.8	13	13.3	10.9
44	10.1	10.3	10.6	9.8
48	8.7	8.8	9.1	9.2
50		8.2	8.5	8.7
55			7.1	7.3
60				6.1

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 52.1 m main boom

Radius [m]	Jib length [m] 11	14	20	26
6.8	35.9			
8	35.9	32.5		
11	35.7	31.8	23.8	
13	34.9	30.5	23.0	16.0
18	31.1	27.2	20.6	14.7
24	23.3	22.4	18.2	13.3
36	13.4	13.6	13.9	11.8
48	8.1	8.3	8.5	8.8
55	6.1	6.3	6.5	6.7
60		5.1	5.4	5.6
65			4.4	4.6
70				3.7

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 60.8 m main boom

Radius [m]	Jib length [m] 11	14	20	26
7.1	33.0			
9	32.2	28.5		
11	30.9	27.5	20.7	
13	29.3	26.1	20.1	14.8
18	25.9	23.2	18.3	13.9
24	21.3	19.9	16.3	12.7
36	12.9	13.1	13.1	11.2
42	9.9	10.1	10.4	10.2
48	7.7	7.8	8.1	8.4
65	3.6	3.7	4.0	4.2
70			3.1	3.3
75				2.6

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 69.8 m main boom

Radius [m]	Jib length [m] 11	14	17	20
7.4	24.6			
9	24.3	21.3		
10	24.0	21.3	18.9	
11	23.7	21.2	18.9	17.1
18	20.0	18.6	17.0	15.3
26	15.9	15.6	14.6	13.3
28	15.0	14.7	13.9	12.9
38	11.1	11.2	11.3	11.0
46	7.8	8.0	8.2	8.2
48	7.2	7.3	7.5	7.6
65	3.1	3.2	3.4	3.5
70	2.3	2.4	2.5	2.6

62.3 t rear counterweight and 20 t carbody counterweight

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Load capacities with fixed jib 30°

Load capacities in [t] with 20 m main boom

Radius [m]	Jib length [m] 11	14	20	26
8.3	32.0			
11	27.2	22.5		
14	24.0	19.3	14.4	
18	21.8	16.6	12.0	9.8
20	21.9	15.8	11.2	8.9
22	22.0	15.9	10.5	8.4
24	21.0	16.1	10.0	7.9
26	20.2	15.5	10.0	7.6
30	18.7	14.4	10.4	7.2
34		13.8	9.7	7.3
40			9.0	6.8
46				6.3

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 40.4 m main boom

Radius [m]	Jib length [m] 11	14	20	26
9	35.7			
11	34.4	27.9		
16	29.7	24.5	16.6	
20	26.9	22.7	15.0	11.2
28	20.6	19.0	12.6	9.4
30	18.6	17.9	12.2	9.1
38	13.0	13.3	11.1	8.0
40	12.0	12.2	10.8	7.8
48	8.8	9.0	9.4	7.0
50		8.3	8.7	6.9
55			7.2	6.6
60				6.3

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 52.1 m main boom

Radius [m]	Jib length [m] 11	14	20	26
9.5	32.4			
12	31.0	26.0		
16	28.0	23.8	16.5	
20	25.4	21.7	15.1	11.2
30	18.1	17.2	12.7	9.3
32	16.4	16.4	12.3	9.0
40	11.5	11.7	11.1	8.1
42	10.6	10.8	10.7	7.9
55	6.2	6.4	6.8	6.8
60		5.2	5.5	5.9
65			4.5	4.8
70				3.9

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 60.8 m main boom

Radius [m]	Jib length [m] 11	14	20	26
9.8	27.4			
12	26.6	22.5		
16	24.3	21.1	15.3	
20	22.2	19.6	14.5	10.9
28	17.7	16.5	12.8	9.6
30	16.7	15.7	12.5	9.4
38	12.1	12.4	11.3	8.5
40	11.1	11.4	10.9	8.3
48	7.9	8.1	8.5	7.6
60	4.7	4.8	5.2	5.5
65	3.7	3.8	4.2	4.4
75			2.4	2.7

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 69.8 m main boom

Radius [m]	Jib length [m] 11	14	17	20
10.1	21.8			
12	21.5	18.3		
14	20.8	18.0	15.6	
16	19.8	17.5	15.4	13.4
26	16.2	14.7	13.2	11.9
42	9.7	9.9	10.1	10.0
44	8.9	9.1	9.4	9.5
55	5.4	5.6	5.8	6.0
60	4.2	4.4	4.6	4.8
65	3.2	3.4	3.6	3.7
70	2.4	2.5	2.7	2.8
75				2.0

62.3 t rear counterweight and 20 t carbody counterweight

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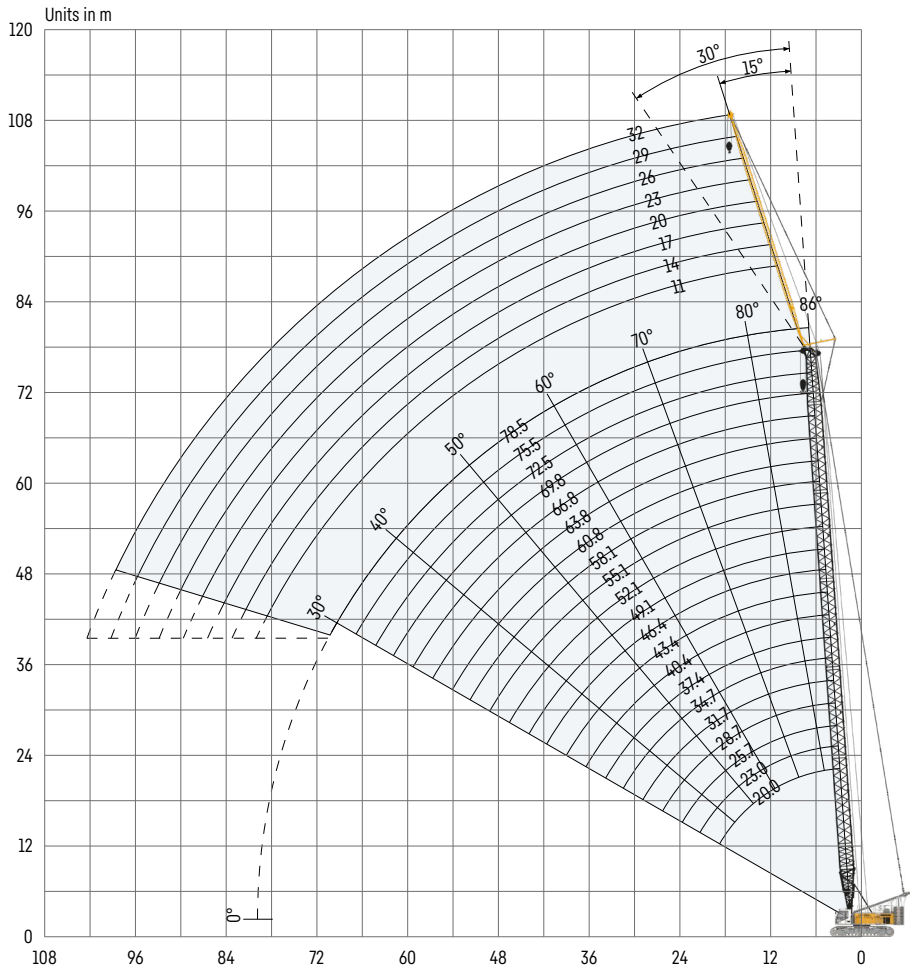
Fixed jib 0806.xx

Jib lengths 11-32 m



Jib configuration 0806.xx

Jib section	Amount of jib sections							
Jib foot 5.5 m	1	1	1	**1**	1	**1**	1	**1**
Jib section 3 m		1		**1**		**1**		**1**
Jib section 6 m			1	**1**	2	**2**	3	**3**
Jib head 5.5 m	1	1	1	**1**	1	**1**	1	**1**
Jib length [m]	**11**	**14**	**17**	**20**	**23**	**26**	**29**	**32**

For main boom configuration please refer to the table on page 18.

Load capacities with fixed jib 15°

Load capacities in [t] with 20 m main boom

Radius [m]	Jib length [m] 11	20	26	32
7	21.1			
10	19.5	8.0		
13	18.1	7.2	5.3	
16	17.1	6.5	4.9	3.0
18	16.7	6.2	4.6	2.6
20	16.4	5.9	4.4	2.4
22	16.1	5.7	4.2	2.2
24	15.8	5.5	4.1	2.1
28	14.9	5.2	3.8	
30	14.4	5.0	3.7	
38		4.9	3.5	
44			3.4	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 40.4 m main boom

Radius [m]	Jib length [m] 11	20	26	32
6.6	18.8			
11	16.8	7.4		
13	16.7	6.9	4.6	
16	16.7	6.6	4.3	2.8
18	16.7	6.3	4.1	2.6
20	16.7	6.0	4.0	2.5
22	16.7	5.9	3.9	2.3
24	16.7	5.8	3.8	2.0
32	16.1	5.6	3.7	
48	9.5	5.5	3.6	
55		5.5	3.6	
60			3.6	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 58.1 m main boom

Radius [m]	Jib length [m] 11	14	20	26
7.2	13.6			
9	13.1	9.8		
11	12.6	9.3	5.9	
14	12.2	8.9	5.6	3.1
22	11.6	8.8	5.1	2.2
28	11.6	8.8	5.0	2.0
42	10.6	8.8	5.0	2.0
55	6.6	6.8	5.0	2.0
60	5.5	5.7	5.0	2.0
65		4.6	4.4	2.0
70			3.8	2.0
75				2.0

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 72.5 m main boom

Radius [m]	Jib length [m] 11	14	20	23
7.7	10.9			
9	10.7	8.1		
11	10.2	7.6		
12	10.0	7.3	4.7	
13	9.9	7.1	4.5	3.3
18	9.7	6.8	3.7	2.5
20	9.7	6.8	3.5	2.3
22	9.7	6.8	3.5	2.2
24	9.7	6.8	3.5	2.1
26	9.7	6.8	3.5	2.0
46	8.3	6.8	3.5	
75			2.3	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 78.5 m main boom

Radius [m]	Jib length [m] 11	14	17	20
7.9	9.7			
10	9.3	7.0		
11	9.0	6.7	5.2	
12	8.7	6.4	5.0	3.9
18	8.0	5.7	4.1	3.1
20	8.0	5.6	4.0	2.8
38	7.7	5.6	4.0	2.7
48	6.7	5.6	4.0	2.7
55	4.9	4.9	3.9	2.7
60	3.8	3.6	3.3	2.5
65	2.9	2.8	2.7	2.1
70	2.1	2.2	2.2	

62.3 t rear counterweight and 20 t carbody counterweight

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Load capacities with fixed jib 30°

Load capacities in [t] with 20 m main boom

Radius [m]	Jib length [m] 11	20	26	29
9	18.0			
16	16.1	5.8		
20	15.2	5.3	4.0	
22	14.6	5.1	3.8	2.7
26	13.2	4.9	3.6	2.4
30	12.3	4.7	3.5	2.2
34		4.7	3.5	2.1
38		4.7	3.5	2.0
40		4.7	3.5	
42			3.5	
44			3.5	
46			3.5	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 40.4 m main boom

Radius [m]	Jib length [m] 11	20	26	29
9.3	16.3			
16	15.4	5.8		
20	15.4	5.4	3.9	
22	15.4	5.3	3.8	2.7
28	15.0	5.2	3.6	2.3
34	14.2	5.0	3.6	2.2
36	13.8	5.0	3.6	2.1
46	10.2	5.0	3.6	2.0
48	9.5	5.0	3.6	2.0
55		5.0	3.6	2.0
60			3.6	2.0
65				2.0

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 58.1 m main boom

Radius [m]	Jib length [m] 11	20	26	29
9.9	11.9			
16	11.3	5.4		
20	11.3	5.1	3.2	
22	11.3	5.1	3.1	2.6
28	11.3	4.9	2.9	2.2
32	11.3	4.8	2.9	2.1
40	11.3	4.8	2.8	2.0
46	9.4	4.8	2.8	
48	8.7	4.8	2.8	
60	5.6	4.8	2.8	
70		3.8	2.8	
75			2.8	

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 72.5 m main boom

Radius [m]	Jib length [m] 11	14	20	26
10.4	10.1			
13	9.7	7.4		
18	9.1	7.0	4.4	
20	9.1	7.0	4.3	2.5
24	9.1	7.0	4.3	2.3
28	9.1	7.0	4.3	2.1
46	8.0	7.0	4.3	2.1
55	5.9	6.0	4.3	2.1
60	4.6	4.7	3.9	2.1
65	3.6	3.7	3.4	2.1
70	2.7	2.8	3.0	2.1
75			2.5	2.1

62.3 t rear counterweight and 20 t carbody counterweight

Load capacities in [t] with 78.5 m main boom

Radius [m]	Jib length [m] 11	14	20	23
10.6	9.0			
13	8.7	6.5		
18	8.1	6.0	3.9	
20	8.0	5.9	3.8	2.9
40	7.7	5.8	3.6	2.6
42	7.4	5.8	3.6	2.6
44	7.1	5.8	3.6	2.6
46	6.9	5.8	3.6	2.6
55	5.6	5.7	3.6	2.6
60	4.2	4.2	3.6	2.6
65	3.0	3.1	2.9	2.4
70	2.1	2.4	2.2	2.1

62.3 t rear counterweight and 20 t carbody counterweight

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Printed in Austria LR 1160.1 1003.04.08 - rA - EN v06.082026 - 13161865
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