

Basic machine with undercarriage

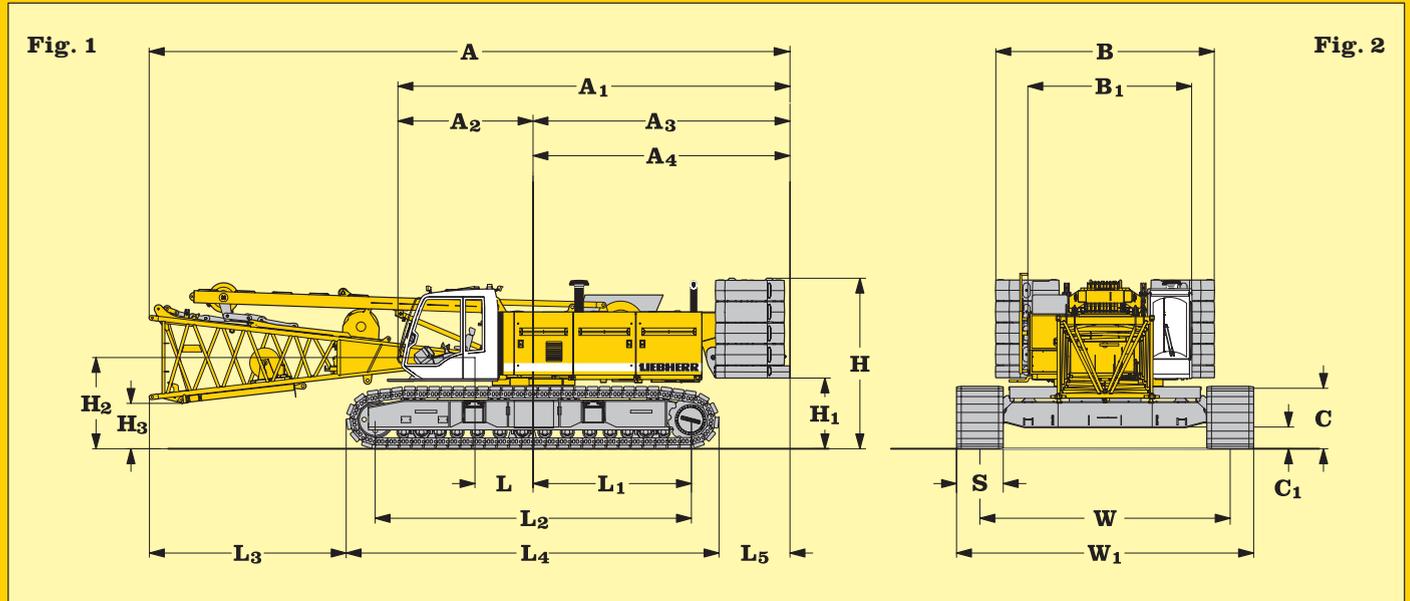


Fig. 1: Dimensions in mm

A Overall length of superstructure with lowered A-frame and boom foot	13700
A₁ Length of superstructure	8300
A₂ Centre of rotation - front edge of cabin	2900
A₃ Tail reach-A-frame in working position	5480
A₄ Tail swing radius	5500

H Height of basic machine	3700
H₁ Ground clearance of superstructure	1500
H₂ Ground clearance of boom foot pivot	1970
H₃ Ground clearance of horizontal boom foot	980

L Centre of rotation - boom foot pivot	1150
L₁ Centre of rotation - centre of tumbler	3350
L₂ Wheel base (centre idler to centre tumbler)	6740
L₃ Distance from edge of horizontal boom foot to crawler	4200
L₄ Length of crawlers	8000
L₅ Distance between rear end of crawler and outside of counterweight	1500

Fig. 2: Dimensions in mm

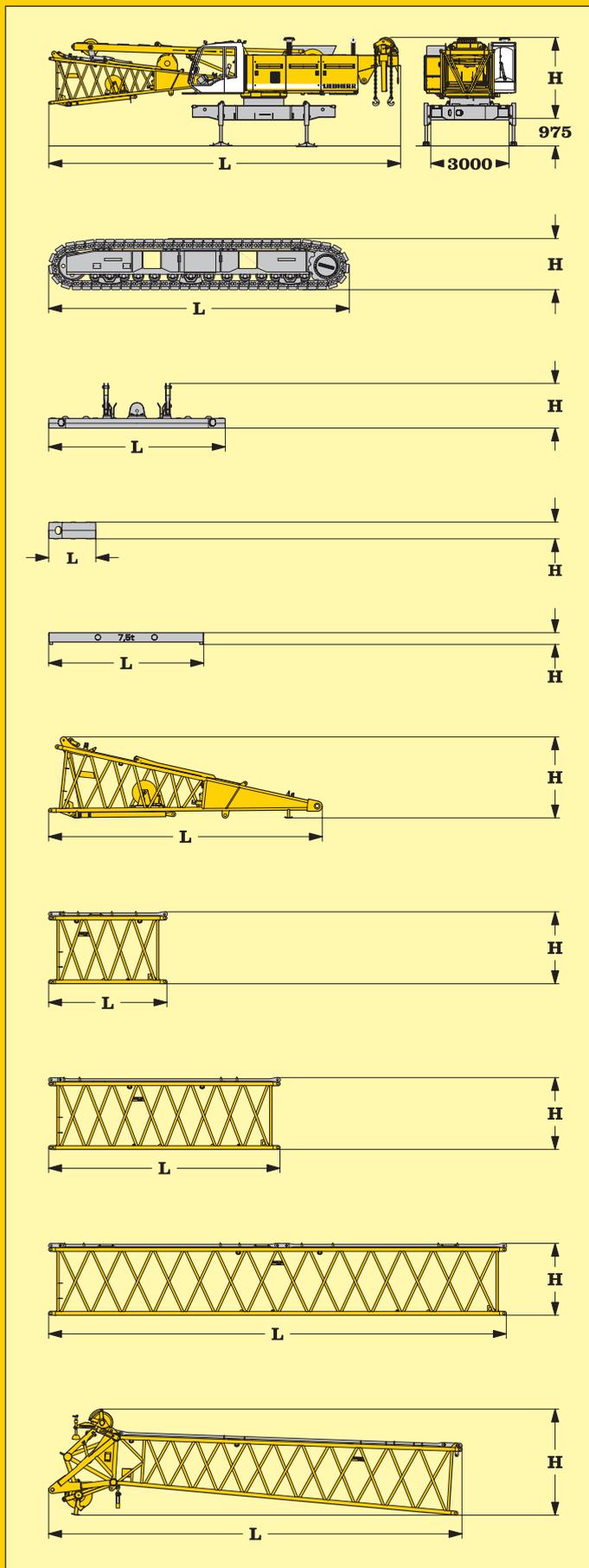
B Width of counterweight	4680
B₁ Width of superstructure	3500
C Height of crawlers	1350
C₁ Ground clearance of undercarriage	460
S Width of pads	(optional 1200) 1000

W Track width of undercarriage	5350
W₁ Width of undercarriage	6350

Operating weight and ground pressure

The operating weight includes the basic machine with crawlers, 2 main winches 120 kN and 17 m main boom, consisting of A-frame, boom foot (7 m), boom head (10 m), 50.5 t basic counterweight, 15 t carbody counterweight and 140 t hook block.

Total weight	ca. 138.5 t
Ground bearing pressure	1.03 kg/cm ²



*) Including pendants

Basic machine

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

Width	mm	3500
Weight	kg	32000
L Length	mm	13450
H Height	mm	3180

Crawler

2x

flat track shoes	mm	(optional 1200) 1000
Width	mm	1400
Weight	kg	16500
L Length	mm	8000
H Height	mm	1350

Counterweight

1x

Width	mm	1600
Weight	kg	9700
L Length	mm	4680
H Height	mm	1200

Counterweight

8x

Width	mm	1360
Weight	kg	5100
L Length	mm	1480
H Height	mm	500

Carbody counterweight

2x

Width	mm	1140
Weight	kg	7500
L Length	mm	4100
H Height	mm	310

Boom foot (No. 2017.xx) without winches

Width	mm	2380
Weight	kg	2400
L Length	mm	7250
H Height	mm	2160

Tubular

boom section (No. 2017.xx)

3 m

Width	mm	2100
Weight*	kg	650
L Length	mm	3130
H Height	mm	1900

Tubular

boom section (No. 2017.xx)

6 m

Width	mm	2100
Weight*	kg	1040
L Length	mm	6130
H Height	mm	1900

Tubular

boom section (No. 2017.xx)

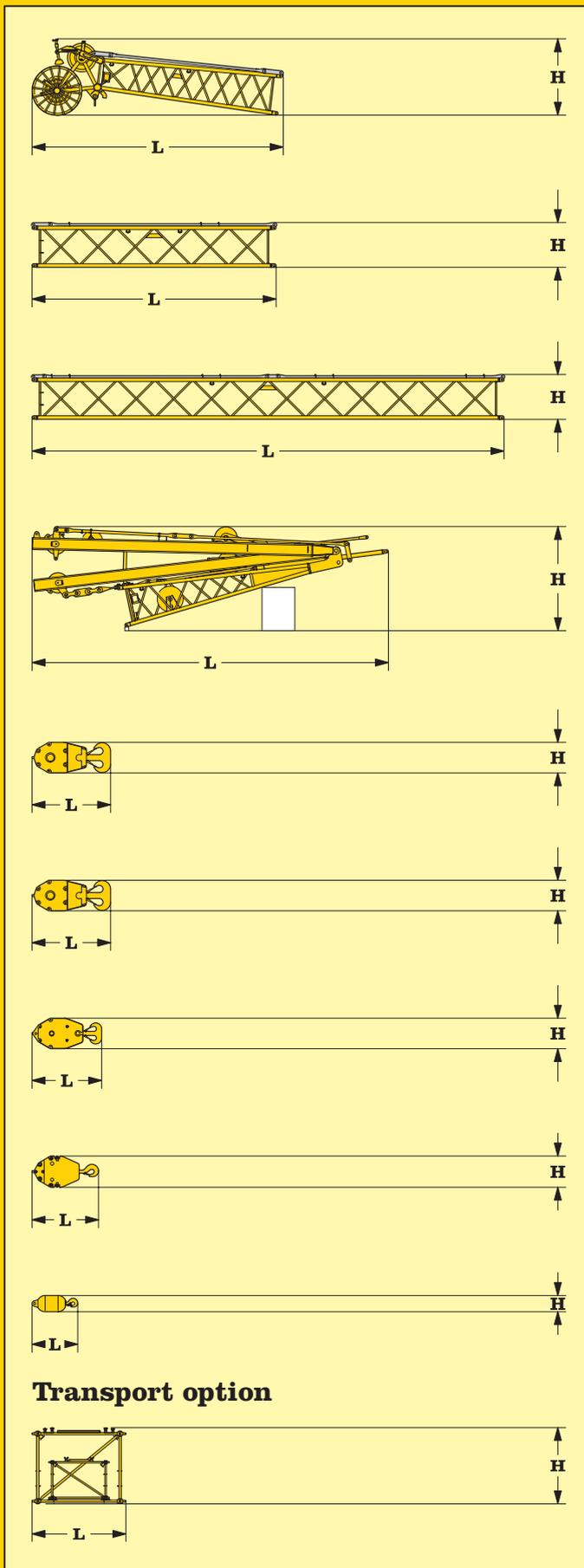
12 m

Width	mm	2100
Weight*	kg	1900
L Length	mm	12130
H Height	mm	1900

Boom head (No. 2017.xx)

Width	mm	2100
Weight*	kg	3150
L Length	mm	10960
H Height	mm	2800

Transport dimensions and weights



*) Including pendants

Jib head (No. 1309.xx)

Width	mm	1500
Weight*	kg	1135
L Length	mm	6300
H Height	mm	1950

Tubular jib section (No. 1309.xx) 3 m 6 m

Width	mm	1500	1500
Weight*	kg	420	520
L Length	mm	3100	6100
H Height	mm	1150	1150

Tubular jib section (No. 1309.xx) 11.7 m

Width	mm	1500
Weight*	kg	960
L Length	mm	11800
H Height	mm	1150

Jib foot with A-frames (No. 1309.xx)

Width	mm	1700
Weight*	kg	4800
L Length	mm	8900
H Height	mm	2600

140 t hook block - 7 sheaves

Width	mm	850
Weight	kg	2500
L Length	mm	2000
H Height	mm	800

100 t hook block - 5 sheave

Width	mm	540 - 640 - 770
Weight	kg	1300 - 1800 - 2300
L Length	mm	1800 - 1800 - 1800
H Height	mm	770 - 770 - 770

80 t hook block - 3 sheaves

Width	mm	560
Weight	kg	2000
L Length	mm	1750
H Height	mm	800

40 t hook block - 1 sheave

Width	mm	300 - 400 - 500
Weight	kg	700 - 1100 - 1500
L Length	mm	1600 - 1600 - 1600
H Height	mm	800 - 800 - 800

12 t single hook

Width	mm	400
Weight	kg	800
L Length	mm	1100
H Height	mm	400

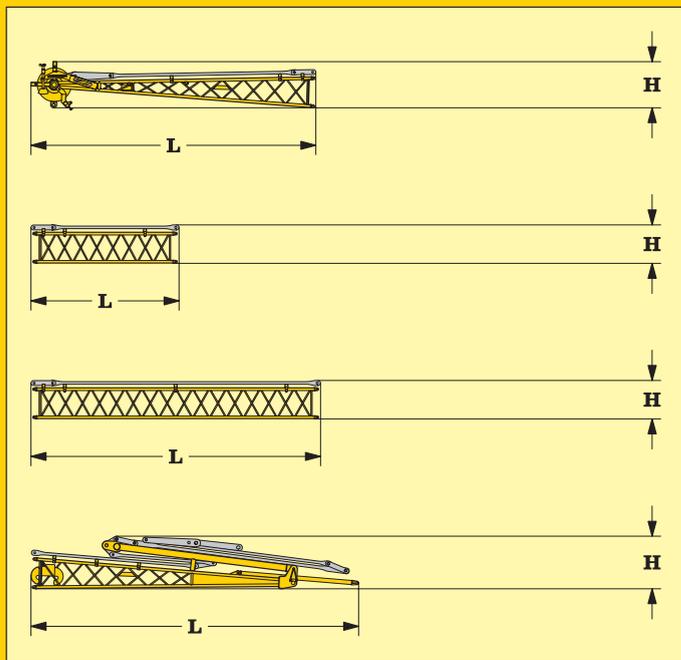
Boom - jib transport option

12 m boom - and 11.7 m jib extension

6 m boom - and 6 m jib extension

(No. 2017.xx/1309.xx)		6.0/6.0	12/11.7
Width	mm	6130	12130
Weight*	kg	1560	2860
L Length	mm	2100	2100
H Height	mm	1900	1900

Transport dimensions and weights



*) Including pendants

Fixed jib head (No. 0806.xx)

Width	mm	1140
L Length	mm	6050
H Height	mm	980
Weight*	kg	445

Tubular fixed jib section (No. 0806.xx) 3 m

Width	mm	950
L Length	mm	3140
H Height	mm	820
Weight*	kg	110

Tubular fixed jib section (No. 0806.xx) 6 m

Width	mm	950
L Length	mm	6140
H Height	mm	820
Weight*	kg	195

Fixed jib foot with A-frames (No. 0806.xx)

Width	mm	1500
L Length	mm	6950
H Height	mm	1150
Weight*	kg	930

Transport dimensions and weights



Engine

Water cooled, in line 6 cylinder Liebherr diesel engine, turbo charged with intercooler, model D 926 TI-E, power rating according to ISO 9249, 240 kW (326 PS) at 2000 rpm.
Fuel Tank: 830 l capacity with continuous level indicator and reserve warning.



Hydraulic system

An axial displacement pump supplies the open loop hydraulic system, allowing all functions to be operated simultaneously. To minimize peak pressure an automatic working pressure cut-off is integrated in the pump. All filters are electronically monitored. The use of synthetic environmentally friendly (biodegradable) oils is possible.
Max. working pressure: 350 bar.
Hydraulic oil tank capacity: 650 l.



Winches

Winch options:
Line pull (1st layer) _____ max. 175 kN
Line pull (7th layer) _____ 120 kN
Rope diameter: _____ 26 mm
Drum diameter: _____ 580 mm
Rope speed m/min on average _____ 0-136
Rope capacity 7 layers _____ 489 m
The winches are outstanding in their compact design and easy assembly.
Propulsion is via a planetary gearbox in oil bath.
Load support by the hydraulic system; additional safety factor provided by a spring loaded, multi-disc holding brake. The main winches use pressure controlled, variable flow hydraulic motors.
This system features sensors that automatically adjust oil flow to provide max. winch speed depending on load.
Option - winch with freefall system:
Clutch and braking functions on the freefall system are provided by a compact designed, low wear and maintenance free multi-disc brake.



Equipment

- Main boom (No. 2017.xx) max. length _____ 80.0 m
- Luffing jib (No. 1309.xx) max. length _____ 78.5 m
- Max. combination _____ boom 47.0 m and luffing jib 78.5 m
- Fixed jib (No. 1008.xx) _____ 11 m - 32 m
- Auxiliary jib 24 t lifting capacity (Option 36 t)
- Hook



Jib luffing winch

Max. line pull: 105 kN. Rope diameter: 20 mm.
46 sec. to boom from 15° to 78°



Boom luffing winch

Max. line pull: 150 kN. Rope diameter: 24 mm.
96 sec. to boom from 15° to 86°



Swing drive

Consists of rollerbearing with external teeth, swing drive with fixed axial piston hydraulic motor, spring loaded and hydraulically released multi-disc holding brake, planetary gearbox and pinion.
Free swing with hydraulic moment control reduces wear to a minimum. A multi-disc holding brake acts automatically at zero swing motion.
Swing speed from 0 - 3.15 rpm continuously variable.



Crawler

Propulsion through axial piston motor, hydraulically released spring loaded multi-disc brake, crawler tracks, hydraulic chain tensioning device.
Flat track shoes 1000 mm
Drive speed 0 - 2.1 km/h



Control

The control system - developed and manufactured by Liebherr - is designed to withstand extreme environmental conditions such as temperature, vibration and electromagnetic interference and to meet all requirements that are needed in heavy duty crane operation.
Complete machine operating data are shown on a high resolution display.
Standard operational information is displayed by means of graphical symbols, fault indications are displayed in plain text (more than 10 languages available).
The cranes are equipped with proportional control for all main movements, which can be carried out simultaneously. A backup control system, that allows limited use of the crane is standard. This feature increases the safety and availability of the crane even further.
The crane is operated with 2 multi-directional joysticks, the right for winch I and boom hoisting, the left for winch II and slewing control.
Option:
Parallel handle bar joysticks for simultaneous winch and luffing jib operation.
The crawlers are activated with the two central foot pedals. Additionally, hand levers can be attached to the pedals.



Remarks

1. The lifting capacities stated are valid for lifting operation only (corresponds with crane classification according to F.E.M. 1.001, crane group A1)
2. Crane standing on firm, horizontal ground.
3. The weight of the lifting device (hoisting ropes, hook block, shackle etc.) must be deducted from the gross lifting capacity to obtain a net lifting value.
4. Additional equipment on boom (e.g. boom walkways, auxiliary jib) must be deducted to get the net lifting capacity.
5. For max. wind speed please refer to lift chart in operator's cab or manual.
6. The slewing speed of the load must not exceed 90 m/min.
7. Working radii are measured from centre of swing and under load.
8. The lifting capacities are valid for 360 degrees of swing.
9. Calculation of stability under load is based on DIN 15019 / part 2 / chart 1 and ISO 4305 Tab1 + 2, tipping angle 4°.
10. The structures are calculated according to F.E.M. 1.001 - 1998 (prEN 13001 / T2 / 1997).



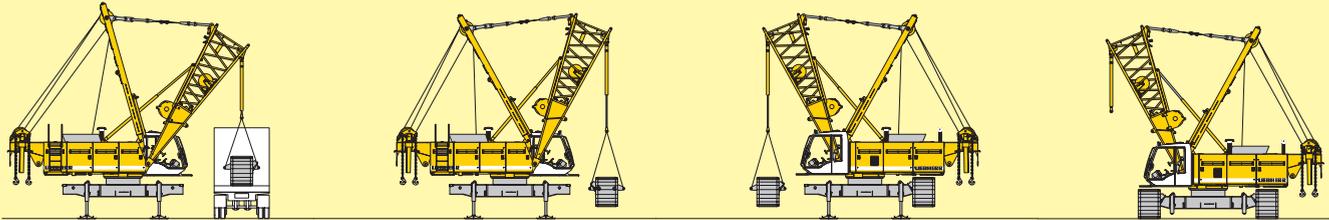
Noise emission

Noise emissions correspond with 2000/14/EC directive on noise emission by equipment used outdoors.

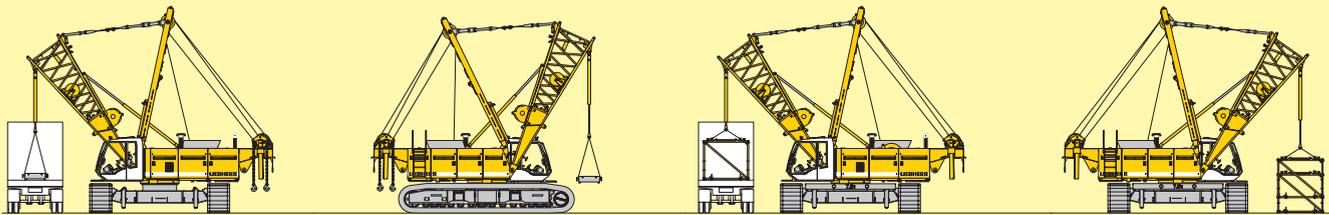
Technical description



Unloading of basic machine

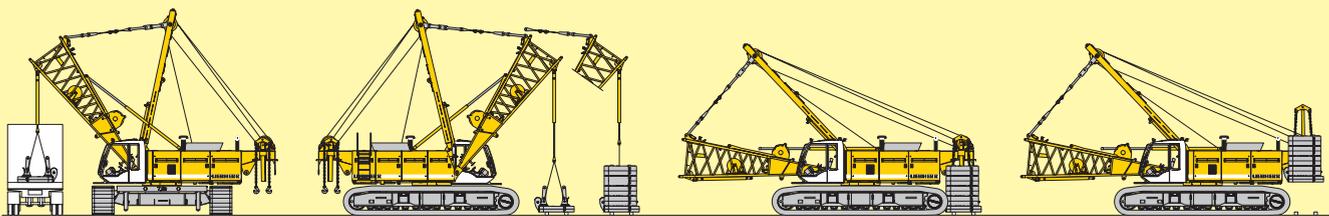


Unloading and assembly of crawlers

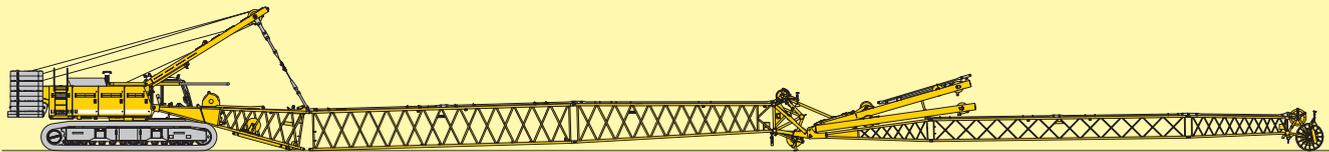


Unloading and assembly of carbody counterweight

Unloading and assembly of boom

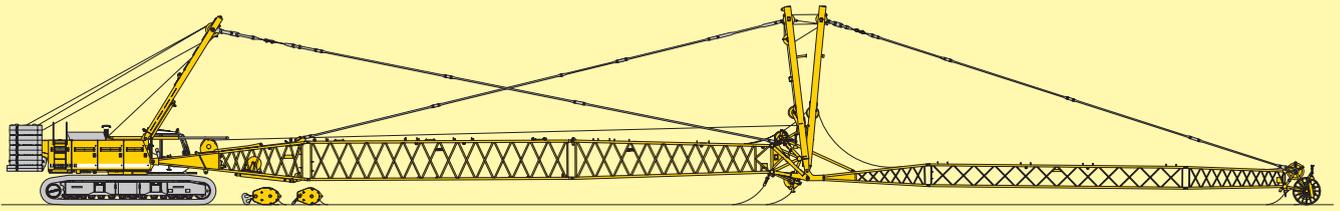


Unloading and assembly of counterweight

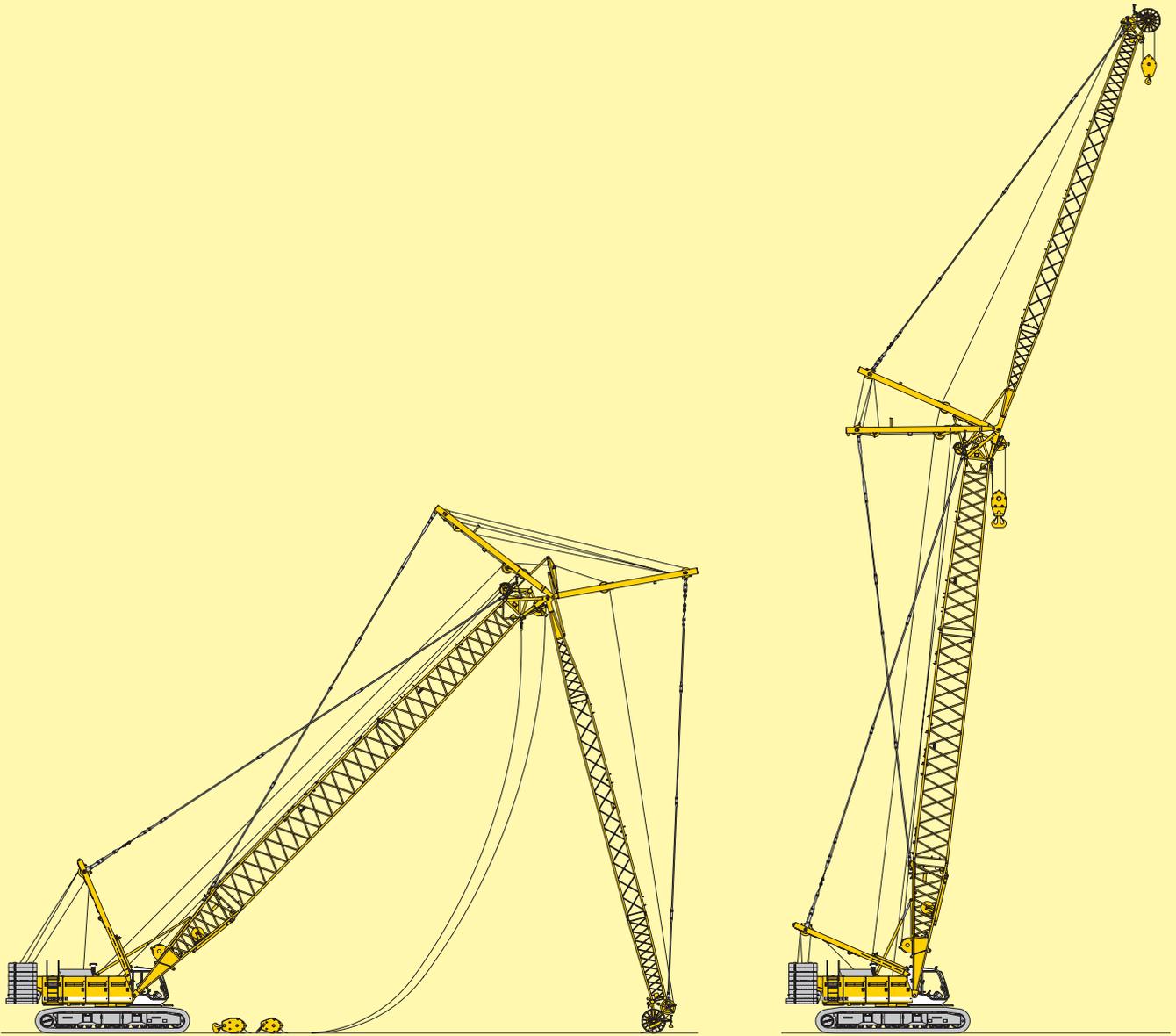


Assembly of boom

Self assembly system



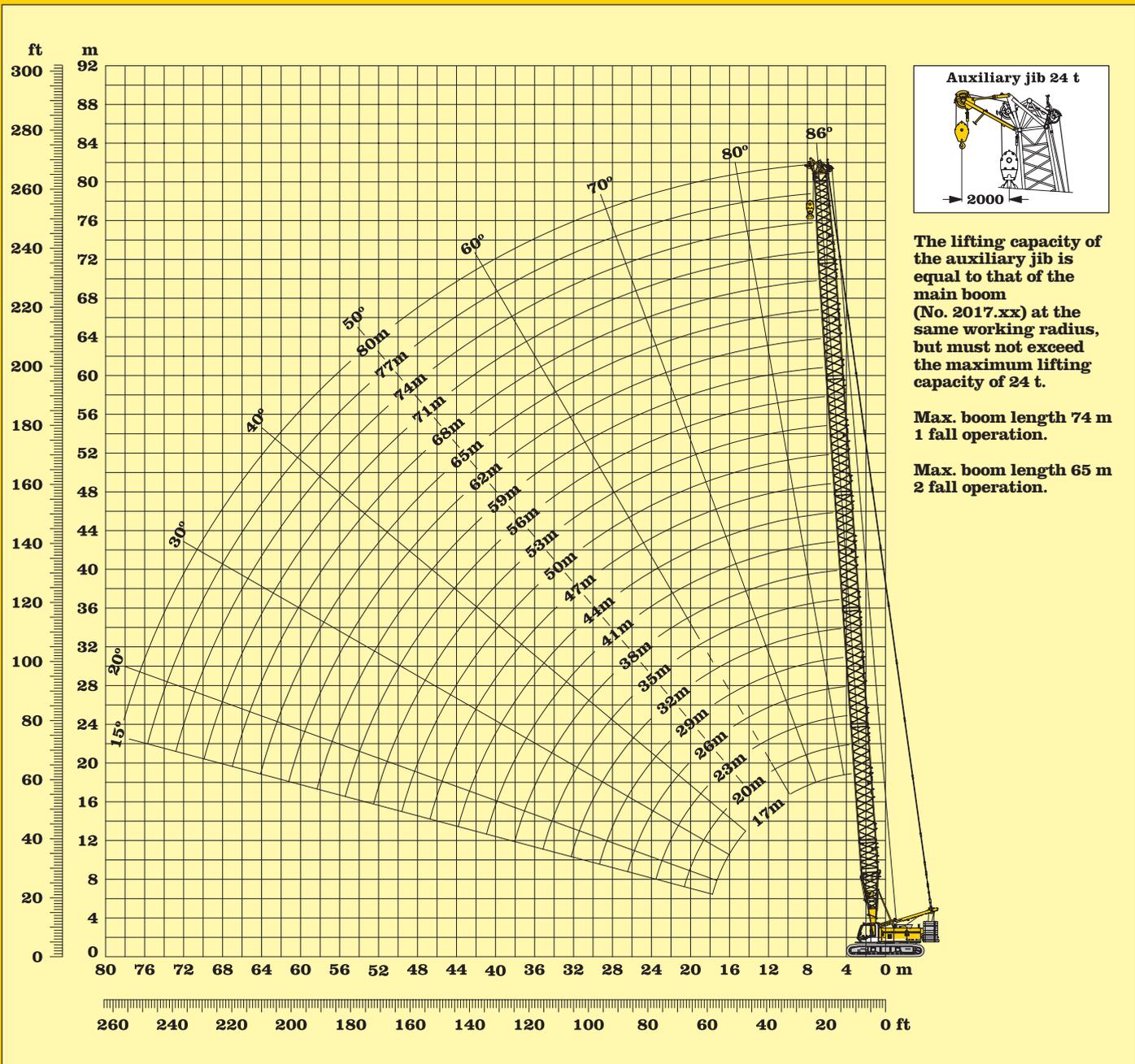
Reeving of hoist and jib ropes



Luffing of boom and jib

Working position

Booming up - crane in working position



Main boom configuration (Table1 - No. 2017.xx)

Configuration for boom lengths between 17 m and 80 m: (No. 2018.xx)																							
	Length	Amount of boom extensions																					
Boom foot	7.0 m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Boom insert	3.0 m		1		1		1		1		1		1		1		1		1				
Boom insert	6.0 m			1	1		1	1		1	1		1	1		1	1		1	1			
Boom insert	12.0 m					1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	5	5	
Boom head	10.0 m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Boom length (ft)		17	20	23	26	29	32	35	38	41	44	47	50	53	56	59	62	65	68	71	74	77	80

Working range - main boom 86°-15°

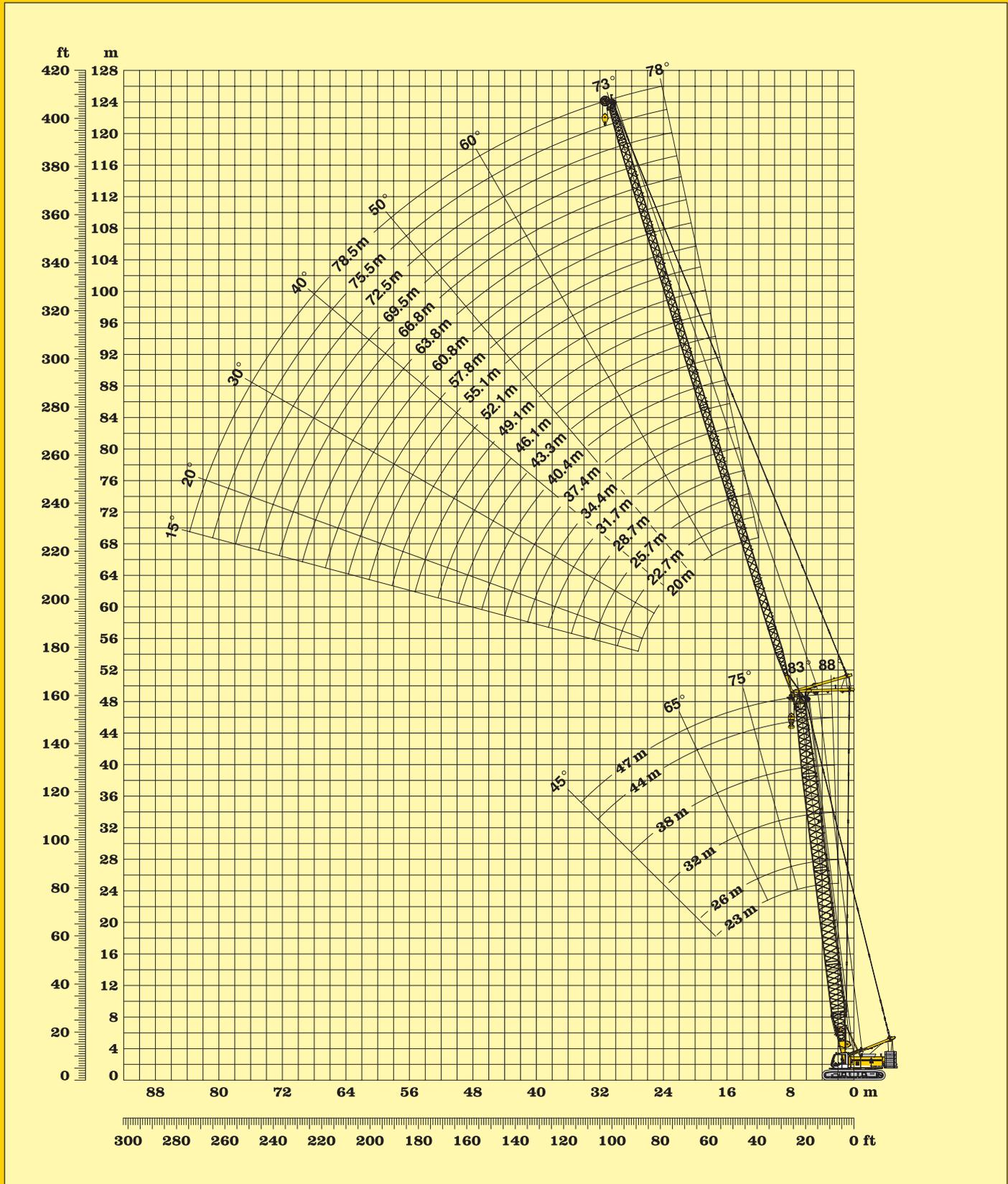
**Capacities in metric tons for boom lengths from 17 m to 80 m – with 12.0 t winches:
counterweight 50.5 t and 15 t carbody counterweight**

Radius (m)	Boom length in (m)												Radius (m)	
	17 t	20 t	26 t	32 t	38 t	44 t	50 t	56 t	62 t	68 t	74 t	80 t		
3.5		137.2												3.5
4	137.2	131.6	119.2											4
5	114.8	112.1	106.5	96.1	79.9									5
6	97.0	95.8	91.1	86.8	74.4	61.4	52.7							6
7	84.6	82.5	80.1	75.5	68.4	56.5	49.9	44.7	36.7	29.1				7
8	74.0	73.3	70.4	67.8	62.0	52.6	47.3	42.7	35.5	28.8	23.9	18.9		8
9	66.2	65.3	63.0	60.7	57.3	48.8	44.4	41.3	34.2	27.6	23.1	18.7		9
10	59.9	59.0	57.3	57.8	51.9	46.0	41.8	39.3	33.1	26.7	22.3	17.9		10
12	48.6	48.6	47.6	45.2	42.9	39.9	37.6	36.3	30.5	24.6	20.9	16.8		12
14	39.3	39.3	39.2	38.2	36.4	34.7	32.7	31.7	28.6	23.0	19.5	15.6		14
16	32.8	32.8	32.7	32.6	31.4	30.1	28.7	27.5	25.6	21.5	18.5	14.6		16
18		28.0	27.9	27.8	27.6	26.4	25.3	24.2	23.1	19.8	17.2	13.8		18
20		24.3	24.3	24.1	23.9	23.5	22.4	21.5	20.5	18.5	16.1	12.9		20
22			21.3	21.2	21.0	20.8	20.1	19.2	18.3	17.5	15.2	12.0		22
24			18.9	18.8	18.6	18.4	18.1	17.3	16.5	15.7	14.5	11.4		24
26			16.9	16.9	16.6	16.4	16.1	15.7	14.9	14.2	13.4	10.8		26
28				15.2	15.0	14.8	14.5	14.2	13.5	12.9	12.2	10.2		28
30				13.8	13.5	13.3	13.1	12.8	12.3	11.7	11.0	9.6		30
32				12.5	12.3	12.1	11.8	11.6	11.3	10.7	10.0	9.1		32
34					11.2	11.0	10.8	10.5	10.2	9.7	9.1	8.6		34
36					10.3	10.1	9.8	9.5	9.2	8.9	8.3	7.8		36
38					9.4	9.2	9.0	8.7	8.4	8.1	7.6	7.1		38
40						8.5	8.2	8.0	7.7	7.4	6.9	6.4		40
42						7.8	7.5	7.3	7.0	6.7	6.3	5.8		42
44							6.9	6.7	6.4	6.1	5.8	5.3		44
46							6.4	6.1	5.8	5.5	5.2	4.8		46
48							5.8	5.6	5.3	5.0	4.7	4.3		48
50								5.1	4.8	4.6	4.2	3.9		50
55									3.8	3.5	3.2	2.9		55
60									3.0	2.7	2.4	2.1		60
65										2.0	1.7	1.4		65
70											1.1			70

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

Lift chart for crane configuration

50.5 t counterweight and 15 t carbody counterweight



**Working range - luffing jib 78° - 15°
main boom 88° - 45°**

Main boom 23 m

Radius (m)	Jib length (m)								
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5
	t	t	t	t	t	t	t	t	t
8.1	43.3								
10.0	38.1	33.7							
11.0	34.8	31.5	26.3						
13.0	30.4	27.7	24.8	17.6					
16.0	25.2	22.4	21.0	16.2	10.7				
18.0	22.3	20.6	18.8	15.4	10.1	7.6	5.1		
20.0	19.9	18.5	17.3	14.3	9.6	7.3	5.0	3.8	3.2
24.0	16.8	15.4	14.5	12.5	8.7	6.7	4.6	3.5	2.9
30.0		12.1	11.3	10.3	7.9	6.1	4.3	3.2	2.6
36.0			9.5	8.7	7.3	5.7	4.0	2.9	2.3
44.0				6.8	6.1	5.1	3.6	2.6	2.1
50.0					5.3	4.6	3.3	2.4	1.9
55.0						4.2	3.1	2.3	1.8
60.0						3.6	2.9	2.1	1.8
65.0							2.6	1.9	1.7
70.0							2.3	1.7	1.6
75.0								1.5	1.4

Main boom 26 m

Radius (m)	Jib length (m)									
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5	
	t	t	t	t	t	t	t	t	t	t
8.2	40.7									
10.0	36.5	31.9								
11.0	33.5	30.0	25.3							
13.0	29.4	26.6	23.5	17.2						
16.0	24.6	21.9	20.3	16.0	10.5					
18.0	21.8	20.1	18.3	15.1	9.9	7.4				
20.0	19.3	18.1	16.8	14.1	9.4	7.2	4.9	3.7	3.1	
24.0	15.7	14.8	13.9	12.3	8.6	6.6	4.6	3.4	2.9	
30.0		11.3	10.8	10.2	7.8	6.1	4.2	3.1	2.5	
36.0			8.9	8.3	7.2	5.6	3.9	2.8	2.3	
44.0				6.4	5.8	5.0	3.5	2.6	2.0	
50.0					4.9	4.4	3.3	2.4	1.9	
55.0						3.9	3.0	2.2	1.8	
60.0						3.3	2.7	2.0	1.7	
65.0							2.4	1.9	1.6	
70.0							2.0	1.6	1.5	
75.0								1.3	1.2	

Main boom 32 m

Radius (m)	Jib length (m)								
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5
	t	t	t	t	t	t	t	t	t
8.4	36.1								
10.0	33.2	28.8							
11.0	30.9	27.3	22.9						
13.0	27.4	24.5	21.5	16.0					
16.0	22.4	20.8	18.9	15.0	10.0				
18.0	20.9	19.0	17.1	14.1	9.5	7.0			
20.0	18.2	17.1	15.8	13.2	9.0	6.8	4.8	3.5	3.0
24.0	14.4	13.9	13.0	11.3	8.3	6.3	4.5	3.3	2.8
30.0		10.7	10.2	9.5	7.5	5.9	4.1	3.0	2.5
36.0			8.3	7.7	6.8	5.4	3.8	2.8	2.2
44.0				5.9	5.3	4.8	3.5	2.5	2.0
50.0					4.5	4.0	3.2	2.3	1.9
55.0						3.4	2.8	2.1	1.7
60.0						3.0	2.5	1.9	1.6
70.0							1.7	1.4	1.3
75.0								1.1	

Main boom 38 m

Radius (m)	Jib length (m)									
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5	
	t	t	t	t	t	t	t	t	t	t
8.7	31.5									
10.0	29.6	25.4								
12.0	26.4	23.1	20.2							
13.0	24.6	21.8	19.3	14.7						
16.0	20.7	18.7	17.1	13.8	9.4					
18.0	18.8	17.1	15.4	12.8	8.9	6.7				
20.0	16.7	15.4	14.2	11.8	8.5	6.5	4.6	3.4		
22.0	15.0	14.1	12.9	10.9	8.1	6.2	4.4	3.3	2.8	
24.0	13.6	12.8	11.4	10.3	7.8	6.0	4.3	3.2	2.7	
30.0		10.0	9.5	8.6	7.0	5.5	4.0	2.9	2.4	
36.0			7.8	7.1	6.2	5.1	3.7	2.7	2.2	
44.0				5.6	4.9	4.4	3.3	2.4	2.0	
50.0					4.2	3.6	3.0	2.3	1.8	
55.0						3.2	2.6	2.0	1.7	
60.0						2.7	2.2	1.7	1.5	
70.0							1.5	1.2	1.1	

Main boom 44 m

Radius (m)	Jib length (m)								
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5
	t	t	t	t	t	t	t	t	t
8.9	27.0								
11.0	24.2	21.2							
12.0	22.7	20.2	17.7						
14.0	20.1	18.2	16.2	13.1					
16.0	18.0	16.2	14.8	12.3	8.8				
18.0	16.2	14.8	13.4	11.1	8.3	6.3			
20.0	14.7	13.3	12.3	10.4	7.9	6.1	4.3	3.2	
22.0	13.5	12.2	11.2	9.5	7.5	5.8	4.2	3.2	2.7
26.0	10.4	10.5	9.7	8.4	6.8	5.4	4.0	3.0	2.5
30.0		8.8	8.5	7.5	6.2	5.0	3.8	2.8	2.3
36.0			6.8	6.3	5.4	4.5	3.4	2.6	2.1
46.0				4.7	4.2	3.6	2.8	2.2	1.8
50.0					3.8	3.2	2.6	2.1	1.8
60.0						2.5	1.9	1.5	1.3
65.0							1.6	1.2	1.0
70.0							1.3		

Main boom 47 m

Radius (m)	Jib length (m)									
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5	
	t	t	t	t	t	t	t	t	t	t
9.0	25.0									
11.0	22.4	19.9								
12.0	21.1	18.8	16.6							
14.0	18.7	16.9	15.1	12.3						
16.0	16.8	15.2	13.7	11.2	8.5					
18.0	15.2	13.8	12.5	10.3	8.0	6.0				
20.0	13.9	12.5	11.1	9.6	7.6	5.8	4.2	3.2		
22.0	12.8	11.2	10.4	8.8	7.1	5.5	4.1	3.1	2.7	
26.0	9.7	9.9	9.0	7.7	6.3	5.0	3.9	2.9	2.5	
30.0		8.2	8.0	6.9	5.7	4.6	3.7	2.7	2.3	
36.0			6.3	5.9	5.0	4.1	3.3	2.5	2.1	
46.0				4.4	4.0	3.3	2.6	2.1	1.7	
50.0					3.7	3.0	2.4	1.9	1.6	
60.0						2.3	1.8	1.3	1.1	
65.0							1.5	1.1		
70.0							1.2			

Capacities in metric tons with luffing jib (No. 1309.xx) 50.5 t counterweight + 15 t carbody counterweight.
Above lift chart is for reference only. For actual lift duty please refer to lift chart in operator's cab or manual.

Lift chart - tower crane - main boom angle 88°

Main boom 23 m

Radius (m)	Jib length (m)								
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5
	t	t	t	t	t	t	t	t	t
13.2	30.4								
14.0	25.9	30.1							
16.0	26.1	26.9	24.0						
20.0	20.7	21.0	19.6	15.4					
22.0	18.8	18.8	17.8	14.7	9.5				
24.0	14.4	17.2	16.2	13.8	9.0	6.8			
26.0		15.7	14.9	13.2	8.7	6.6	4.6		
28.0		14.6	13.9	12.4	8.4	6.4	4.4	3.3	
30.0		13.8	13.0	11.2	8.2	6.3	4.3	3.2	2.7
32.0		13.0	12.2	10.9	7.9	6.1	4.3	3.1	2.6
38.0			10.2	9.2	7.3	5.7	4.0	2.9	2.3
46.0				7.5	6.5	5.2	3.6	2.6	2.1
50.0					6.1	4.9	3.5	2.5	2.0
60.0						4.2	3.0	2.2	1.8
70.0							2.6	1.8	1.6
75.0								1.6	1.6
80.0									1.5

Main boom 26 m

Radius (m)	Jib length (m)								
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5
	t	t	t	t	t	t	t	t	t
12.5	36.2								
14.0	32.5	28.5							
16.0	28.4	26.3	22.6						
20.0	22.3	20.8	19.2	15.2					
22.0	19.9	18.6	17.6	14.6	9.3				
24.0	18.0	17.1	16.1	13.7	8.9	6.8			
26.0	16.6	15.7	14.9	13.1	8.6	6.6			
28.0		14.6	13.9	12.4	8.3	6.4	4.4	3.3	
30.0		13.6	13.0	11.2	8.1	6.3	4.3	3.2	2.7
32.0		12.7	12.2	10.9	7.8	6.1	4.2	3.1	2.6
38.0			10.0	9.2	7.2	5.7	3.9	2.8	2.3
46.0				7.4	6.5	5.3	3.6	2.6	2.0
55.0					5.2	4.6	3.2	2.3	1.8
60.0						4.1	3.0	2.1	1.7
70.0							2.6	1.8	1.6
75.0								1.6	1.5
80.0									1.4

Main boom 32 m

Radius (m)	Jib length (m)								
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5
	t	t	t	t	t	t	t	t	t
14.1	27.6								
16.0	25.3	23.7							
18.0	22.2	21.2	19.3						
20.0	20.2	19.3	17.7	14.3					
22.0	18.3	17.4	16.1	13.4	8.8				
26.0	15.5	14.8	13.8	11.6	8.3	6.4			
28.0	14.4	13.8	13.0	11.3	8.0	6.2	4.4		
30.0	13.4	13.0	12.2	10.6	7.8	6.1	4.2	3.1	2.6
34.0		11.3	10.7	9.7	7.4	5.8	4.0	2.9	2.4
38.0			9.6	8.7	7.0	5.6	3.9	2.8	2.3
48.0				6.6	5.9	4.9	3.4	2.5	2.0
55.0					4.9	4.4	3.1	2.3	1.8
65.0						3.4	2.7	2.0	1.6
70.0							2.5	1.8	1.6
75.0								1.6	1.4
80.0									1.2

Main boom 38 m

Radius (m)	Jib length (m)								
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5
	t	t	t	t	t	t	t	t	t
13.9	24.9								
16.0	22.2	20.1							
18.0	20.0	18.3	16.6						
20.0	17.8	16.4	15.1	12.4					
24.0	14.8	13.6	12.6	10.8	8.2				
26.0	13.8	12.7	11.4	10.1	7.8	6.0			
28.0	13.0	11.5	10.9	9.6	7.5	5.9	4.2		
30.0		11.2	10.4	9.0	7.2	5.7	4.1	3.0	
32.0		10.7	9.8	8.6	7.0	5.5	4.0	3.0	2.5
34.0		10.1	9.3	8.2	6.7	5.4	3.9	2.9	2.4
40.0			8.0	7.1	6.0	4.8	3.6	2.6	2.2
48.0				5.9	5.0	4.2	3.2	2.4	1.9
55.0					4.3	3.7	2.8	2.2	1.8
65.0						2.9	2.3	1.7	1.5
70.0							2.1	1.6	1.3
80.0								1.2	1.0

Main boom 44 m

Radius (m)	Jib length (m)								
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5
	t	t	t	t	t	t	t	t	t
14.7	19.8								
18.0	16.7	15.3							
20.0	15.0	13.7	12.6						
22.0	13.6	12.6	11.3	9.8					
24.0	12.6	11.1	10.4	9.0	7.2				
26.0	11.5	10.5	9.6	8.4	6.8	5.3			
28.0	10.9	9.9	9.0	7.9	6.6	5.3			
30.0		9.4	8.6	7.5	6.2	5.0	3.8		
32.0		9.0	8.1	7.0	5.9	4.8	3.6	2.9	2.4
34.0		8.5	7.7	6.7	5.6	4.6	3.5	2.8	2.3
40.0			6.7	5.8	4.9	4.0	3.1	2.5	2.1
48.0				4.9	4.1	3.4	2.6	2.1	1.8
55.0					3.6	2.9	2.2	1.8	1.5
65.0						2.4	1.8	1.3	1.1
70.0							1.5	1.2	1.1
75.0								1.3	1.1

Main boom 47 m

Radius (m)	Jib length (m)								
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5
	t	t	t	t	t	t	t	t	t
15.0	18.1								
18.0	15.5	14.1							
20.0	13.9	12.7	11.4						
22.0	12.6	11.3	10.5	8.9					
24.0	11.5	10.4	9.5	8.1	6.5				
28.0	10.3	9.2	8.3	7.1	6.0	4.8			
30.0	9.6	8.8	7.9	6.8	5.6	4.6	3.6		
32.0		8.4	7.5	6.4	5.4	4.4	3.4	2.7	2.3
36.0		7.4	6.8	5.8	4.9	4.0	3.1	2.5	2.2
40.0			6.2	5.3	4.5	3.6	2.8	2.2	2.0
50.0				4.3	3.7	2.9	2.2	1.7	1.5
55.0					3.3	2.6	1.9	1.5	1.2
60.0						2.3	1.7	1.2	1.1
65.0							2.1	1.5	1.0
70.0								1.3	1.1
75.0									1.1

Capacities in metric tons with luffing jib (No. 1309.xx) 50.5 t counterweight + 15 t carbody counterweight.

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

Lift chart - luffing jib - main boom angle 83°

Main boom 23 m

Radius (m)	Jib length (m)								
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5
18.2	26.4								
22.0	21.9	21.1							
24.0	19.9	19.3	18.6						
28.0	16.4	16.3	15.9	13.8					
30.0	15.1	14.9	14.7	13.3					
32.0		13.8	13.6	12.7	8.3				
36.0		11.9	11.7	11.3	7.8	5.8			
38.0			10.9	10.6	7.6	5.8	4.0		
40.0			10.2	9.9	7.4	5.7	4.0		
42.0				9.3	7.2	5.6	3.9	2.8	2.2
48.0				7.7	6.8	5.3	3.7	2.6	2.1
55.0					6.0	4.9	3.4	2.4	1.9
60.0						4.6	3.2	2.3	1.8
65.0						4.2	3.0	2.1	1.7
70.0							2.8	2.0	1.7
75.0							2.7	1.8	1.6
80.0								1.6	1.5

Main boom 26 m

Radius (m)	Jib length (m)								
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5
19.0	24.5								
22.0	21.2	20.4							
24.0	19.5	18.7	18.1						
28.0	16.2	16.0	15.4	13.6					
30.0	14.9	14.7	14.4	13.2					
32.0		13.6	13.4	12.6	8.1				
36.0		11.7	11.5	11.1	7.8	5.8			
40.0			10.1	9.7	7.3	5.6	4.0		
42.0			9.4	9.1	7.2	5.6	3.9	2.8	
44.0				8.6	7.0	5.5	3.8	2.7	2.2
50.0				7.1	6.5	5.2	3.6	2.5	2.0
55.0					6.0	4.9	3.4	2.4	1.9
65.0						4.2	3.0	2.1	1.7
70.0							2.9	2.0	1.6
75.0							2.7	1.8	1.6
80.0								1.7	1.5
85.0									1.5

Main boom 32 m

Radius (m)	Jib length (m)								
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5
20.6	21.3								
24.0	18.3	17.5							
26.0	16.9	16.2	15.3						
30.0	14.5	14.0	13.4	11.5					
34.0		12.2	11.7	10.7	7.8				
38.0		10.6	10.4	9.6	7.4	5.6			
42.0			9.1	8.6	6.9	5.4	3.8		
44.0			8.6	8.2	6.7	5.3	3.7	2.7	
46.0				7.8	6.5	5.2	3.7	2.6	2.1
50.0				6.9	6.1	5.0	3.5	2.5	2.0
55.0					5.6	4.7	3.4	2.4	1.9
60.0					4.9	4.4	3.2	2.3	1.8
65.0						4.0	3.0	2.1	1.7
75.0							2.6	1.9	1.6
80.0								1.7	1.5
85.0									1.3

Main boom 38 m

Radius (m)	Jib length (m)								
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5
22.1	17.2								
26.0	14.6	13.7							
28.0	13.7	12.8	11.8						
32.0	12.2	11.1	10.4	9.2					
34.0	11.4	10.4	9.8	8.7					
36.0		9.9	9.3	8.3	6.8				
40.0			9.1	8.3	7.5	6.3	5.0		
42.0				8.0	7.1	6.0	4.9	3.5	
44.0				7.7	6.7	5.8	4.8	3.4	
46.0					6.4	5.6	4.6	3.4	2.5
50.0					5.9	5.1	4.3	3.3	2.4
60.0						4.2	3.5	2.8	2.1
70.0							2.9	2.3	1.7
75.0								2.1	1.5
80.0									1.4
85.0									1.2

Main boom 44 m

Radius (m)	Jib length (m)								
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5
23.7	13.2								
28.0	11.0	10.3							
30.0	10.3	9.6	8.9						
34.0	9.2	8.4	7.8	6.9					
38.0		7.5	7.0	6.2	5.3				
40.0		7.2	6.6	5.8	5.0	4.0			
44.0			6.0	5.3	4.5	3.8	2.8		
46.0			5.8	5.0	4.3	3.7	2.8	2.1	
48.0				4.8	4.2	3.5	2.7	2.1	1.8
55.0				4.2	3.5	2.9	2.3	1.9	1.7
60.0					3.2	2.6	2.0	1.6	1.4
70.0						2.1	1.5	1.1	1.1
75.0							1.3	1.1	
80.0								1.1	

Main boom 47 m

Radius (m)	Jib length (m)								
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5
24.5	11.0								
28.0	9.9	9.2							
30.0	9.4	8.6	7.9						
34.0	8.3	7.5	6.9	6.0					
36.0	8.0	7.1	6.5	5.7					
38.0		6.7	6.2	5.4	4.6				
42.0		6.2	5.5	4.8	4.2	3.5			
46.0			5.2	4.4	3.8	3.1	2.4		
48.0				5.0	4.2	3.6	3.0	2.3	1.7
55.0					3.7	3.0	2.4	1.8	1.4
60.0						2.7	2.1	1.6	1.1
65.0						2.5	1.8	1.3	1.1
70.0							1.7	1.1	
75.0								1.1	

Capacities in metric tons with luffing jib (No. 1309.xx) 55.5 t counterweight + 15 t carbody counterweight.
Above lift chart is for reference only. For actual lift duty please refer to lift chart in operator's cab or manual.

Lift chart - luffing jib - main boom angle 75°

Main boom 23 m

Radius (m)	Jib length (m)								
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5
	t	t	t	t	t	t	t	t	t
25.5	17.3								
30.0	14.1	13.9							
34.0	12.1	11.9	11.7						
38.0		10.3	10.1	9.7					
40.0		9.6	9.5	9.1					
44.0			8.3	8.0	7.2				
48.0				7.1	6.7	5.4			
50.0				6.7	6.3	5.3			
55.0					5.5	5.1	3.5		
60.0					4.8	4.4	3.3	2.3	1.8
65.0						3.8	3.1	2.2	1.7
70.0						3.3	3.0	2.1	1.7
75.0							2.6	2.0	1.6
80.0								1.8	1.6
85.0								1.3	1.2

Main boom 26 m

Radius (m)	Jib length (m)									
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5	
	t	t	t	t	t	t	t	t	t	t
26.7	15.9									
32.0	12.7	12.5								
34.0	11.8	11.6	11.4							
40.0		9.4	9.2	8.8						
44.0			8.1	7.7	7.1					
46.0			7.6	7.2	6.9					
50.0				6.4	6.1	5.3				
55.0				5.6	5.3	4.9	3.5			
60.0					4.6	4.2	3.3	2.3	1.8	
65.0						3.6	3.1	2.2	1.7	
70.0						3.1	2.8	2.1	1.6	
75.0							2.4	2.0	1.6	
80.0							1.9	1.6	1.5	
85.0								1.1		

Main boom 32 m

Radius (m)	Jib length (m)								
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5
	t	t	t	t	t	t	t	t	t
30.0	13.0								
34.0	11.2	10.9							
36.0	10.4	10.1	9.7						
38.0	9.6	9.4	9.2						
42.0		8.3	8.1	7.5					
48.0			6.7	6.3	5.8				
55.0				5.1	4.8	4.2			
60.0					4.2	3.6	3.1	2.3	
65.0					3.6	3.2	2.7	2.2	1.7
70.0						2.7	2.3	1.9	1.6
75.0							1.9	1.6	1.4
80.0							1.5	1.2	1.0

Main boom 38 m

Radius (m)	Jib length (m)									
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	78.5	
	t	t	t	t	t	t	t	t	t	t
32.0	10.9									
36.0	9.7	9.2								
40.0	8.4	8.1	7.7							
44.0		7.2	6.9	6.2						
46.0		6.7	6.5	5.8						
50.0			5.8	5.2	4.7					
55.0				4.6	4.1	3.5				
60.0				4.0	3.5	3.0	2.5			
65.0					3.1	2.5	2.0	1.7	1.5	
70.0						2.2	1.7	1.3	1.1	
75.0							1.8	1.4	1.0	
80.0								1.0		

Main boom 44 m

Radius (m)	Jib length (m)								
	22.7	28.7	34.4	43.4	52.1	60.8	69.5	75.5	
	t	t	t	t	t	t	t	t	t
36.0	8.6								
38.0	8.1	7.6							
42.0	7.2	6.8	6.4						
48.0		5.7	5.4	4.7					
50.0			5.1	4.4					
55.0				3.9	3.3				
60.0				3.4	2.8	2.3			
65.0					2.4	1.9	1.4	1.0	
70.0					2.1	1.6	1.1		
75.0						1.3			

Main boom 47 m

Radius (m)	Jib length (m)								
	22.7	28.7	34.4	43.4	52.1	60.8	69.5		
	t	t	t	t	t	t	t	t	t
36.0	8.0								
40.0	7.1	6.7							
44.0	6.4	5.9	5.5						
48.0		5.3	4.9	4.3					
50.0		5.0	4.7	4.0					
55.0			4.1	3.5	2.9				
60.0				3.0	2.5	1.9			
65.0					2.1	1.6	1.1		
70.0					1.8	1.3			

Capacities in metric tons with luffing jib (No. 1309.xx) 55.5 t counterweight + 15 t carbody counterweight.

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

Lift chart - luffing jib - main boom angle 65°

Main boom 23 m

Radius (m)	Jib length (m)						
	22.7	28.7	34.4	43.4	52.1	60.8	69.5
37.5	9.3						
40.0	8.6						
44.0		7.3					
46.0		6.9					
48.0			6.3				
50.0			5.9				
55.0				4.8			
60.0				4.1			
65.0					3.3		
70.0						2.5	
75.0						2.1	
80.0							1.2

Main boom 26 m

Radius (m)	Jib length (m)					
	22.7	28.7	34.4	43.4	52.1	60.8
39.6	8.2					
42.0	7.6					
46.0		6.5				
48.0		6.1				
50.0			5.6			
60.0				3.8		
65.0					3.0	
70.0					2.5	
75.0						1.7

Main boom 32 m

Radius (m)	Jib length (m)					
	22.7	28.7	34.4	43.4	52.1	60.8
43.8	6.4					
50.0		5.0				
55.0			4.1			
65.0				2.7		
70.0					1.9	
75.0					1.5	1.0

Main boom 38 m

Radius (m)	Jib length (m)				
	22.7	28.7	34.4	43.4	
48.1	4.7				
50.0	4.4				
55.0		3.6			
60.0			2.8		
65.0				1.9	
70.0				1.6	

Main boom 44 m

Radius (m)	Jib length (m)			
	22.7	28.7	34.4	
52.3	3.3			
55.0	3.0			
60.0		2.3		
65.0			1.6	

Main boom 47 m

Radius (m)	Jib length (m)			
	22.7	28.7	34.4	
54.4	2.6			
55.0	2.5			
60.0		1.8		
65.0			1.1	

Capacities in metric ton with luffing jib (No. 1309.xx) 55.5 t counterweight + 15 t carbody counterweight.
Above lift chart is for reference only. For actual lift duty please refer to lift chart in operator's cab or manual.

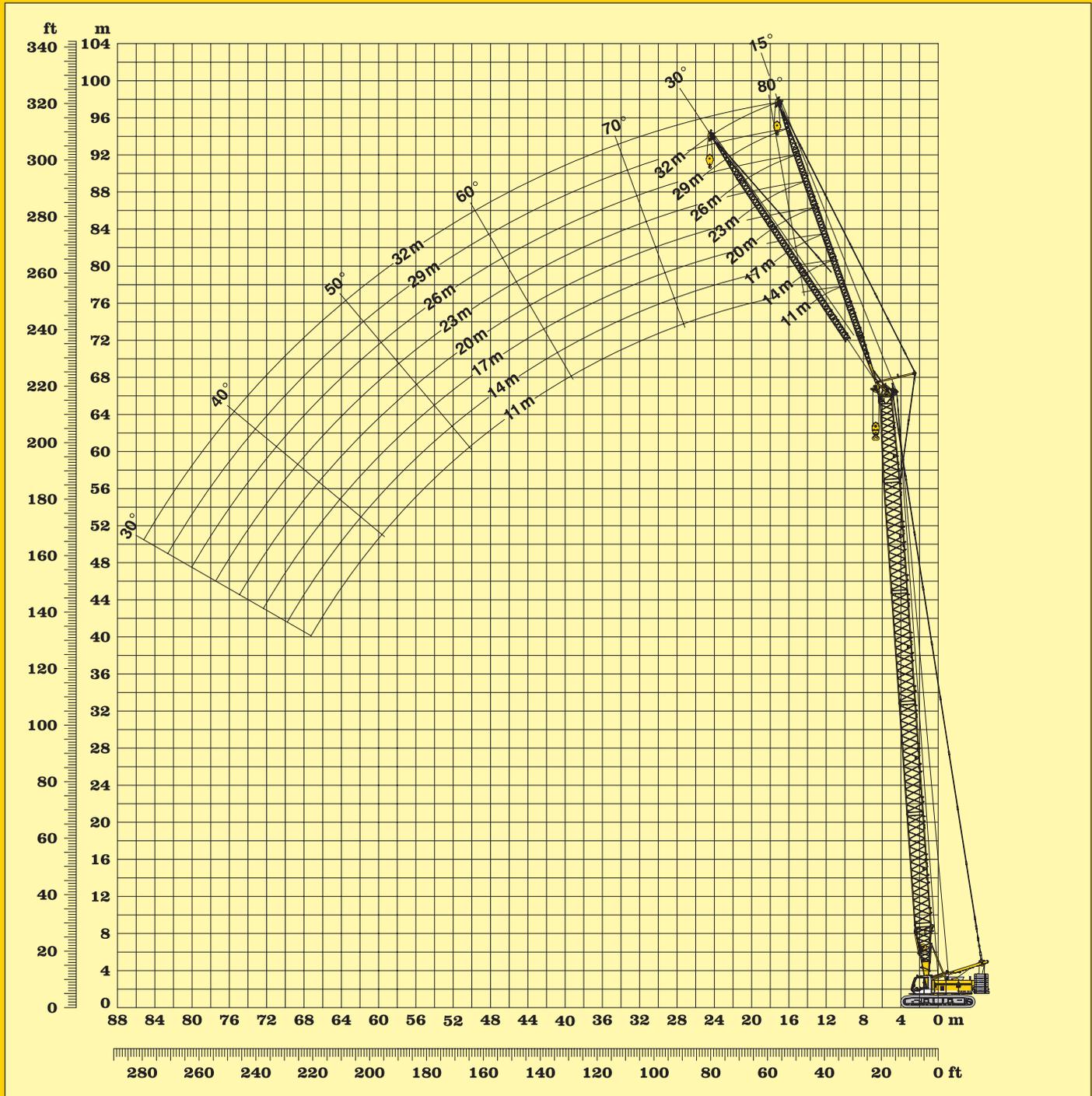
Boom configuration for main boom lengths (23 m to 47 m) - see table 1 on page 8

Jib configuration (No. 1309.xx)

	Length	Number of luffing jib extensions																			
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Luffing jib foot	5.5 m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Luffing jib insert	3.0 m		1		1		1		1		1		1		1		1		1		
Luffing jib insert	6.0 m			1	1			1	1			1	1			1	1			1	
Luffing jib insert	11.7 m	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	
Luffing jib head	5.5 m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Luffing jib length in m		22.7	25.7	28.7	31.7	34.4	37.4	40.4	43.4	46.1	49.1	52.1	55.1	57.8	60.8	63.8	66.8	69.5	72.5	75.5	78.5

Lift chart - luffing jib - main boom angle 45°

50.5 t counterweight and 15 t carbody counterweight



Boom configuration for boom lengths between 29 m to 65 m - see table 1 on page 8

Fixed jib configuration (No. 0806.xx)

Fixed jib configuration for jib lengths between 11 m to 32 m:									
	Length	Number of boom extensions							
Fixed jib foot	5.5 m	1	1	1	1	1	1	1	1
Fixed jib insert	3.0 m		1		1		1		1
Fixed jib insert	6.0 m	0	0	1	1	2	2	3	3
Fixed jib head	5.5 m	1	1	1	1	1	1	1	1
Fixed jib length in meters		11	14	17	20	23	26	29	32

Working range - fixed jib 15° and 30° main boom 88° - 30°

Main boom 17 m

Radius (m)	Fixed jib length (m)				
	11	17	23	29	32
	m	m	m	m	m
5.2	24.0				
8.0	24.0	18.7			
11.0	23.8	17.1	9.9		
13.0	23.4	16.1	9.2	5.7	
14.0	23.0	15.6	9.0	5.6	4.4
18.0	20.9	14.0	7.9	5.1	4.1
22.0	17.8	12.3	7.1	4.7	3.8
26.0	15.5	10.8	6.5	4.5	3.5
32.0		9.4	5.8	4.2	3.3
38.0			5.4	4.1	3.2
44.0				4.0	3.0
48.0					2.9

Main boom 23 m

Radius (m)	Fixed jib length (m)				
	11	17	23	29	32
	m	m	m	m	m
5.4	24.0				
8.0	24.0	18.4			
11.0	24.0	17.0	9.9		
13.0	23.4	16.1	9.3	5.7	
16.0	22.5	15.0	8.5	5.3	4.2
20.0	20.7	13.7	7.6	5.0	3.9
24.0	18.5	12.4	7.0	4.7	3.7
28.0	16.0	10.9	6.5	4.5	3.5
32.0	13.3	10.4	6.1	4.3	3.4
38.0		9.1	5.6	4.1	3.2
44.0			5.4	4.0	3.1
50.0				3.9	3.0

Main boom 29 m

Radius (m)	Fixed jib length (m)				
	11	17	23	29	32
	m	m	m	m	m
5.7	24.0				
9.0	24.0	17.7			
11.0	24.0	16.8	9.7		
14.0	23.4	15.6	9.0	5.6	
16.0	22.5	15.1	8.6	5.3	4.2
20.0	21.0	13.8	7.8	5.0	4.0
26.0	17.5	12.4	6.9	4.6	3.6
32.0	13.1	10.8	6.3	4.3	3.4
38.0	10.2	10.0	5.8	4.2	3.2
44.0		8.5	5.5	4.0	3.1
50.0			5.3	3.9	3.0
55.0				3.8	2.9

Main boom 35 m

Radius (m)	Fixed jib length (m)				
	11	17	23	29	32
	m	m	m	m	m
5.9	24.0				
9.0	24.0	17.3			
11.0	23.9	16.6	9.5		
14.0	23.6	15.5	8.9	5.5	
16.0	22.6	14.9	8.5	5.3	4.2
22.0	20.0	13.3	7.5	4.8	3.8
28.0	15.5	12.3	6.8	4.5	3.6
36.0	10.8	10.6	6.2	4.2	3.3
42.0	8.4	8.8	5.8	4.1	3.2
48.0		7.1	5.6	4.0	3.1
55.0			5.4	3.9	3.0
60.0				3.8	2.9

Main boom 41 m

Radius (m)	Fixed jib length (m)				
	11	17	23	29	32
	m	m	m	m	m
6.1	24.0				
9.0	24.0	16.9			
12.0	23.5	15.9	9.2		
14.0	22.8	15.4	8.9	5.5	
16.0	22.2	14.8	8.5	5.3	4.2
24.0	18.5	13.0	7.2	4.7	3.7
36.0	10.5	10.6	6.3	4.3	3.4
42.0	8.2	8.6	5.9	4.1	3.2
48.0	6.4	6.8	5.6	4.0	3.1
50.0		6.3	5.5	4.0	3.1
60.0			4.6	3.9	3.0
65.0				3.9	2.9

Main boom 47 m

Radius (m)	Fixed jib length (m)				
	11	17	23	29	32
	m	m	m	m	m
6.3	24.0				
9.0	23.9	16.3			
12.0	23.2	15.4	9.1		
14.0	22.2	14.9	8.7	5.4	
16.0	21.5	14.4	8.3	5.2	4.1
26.0	16.2	12.5	7.0	4.6	3.7
36.0	10.2	10.6	6.3	4.3	3.4
46.0	6.7	7.1	5.8	4.0	3.2
50.0	5.7	6.0	5.6	4.0	3.1
55.0		5.0	5.3	3.9	3.0
65.0			3.6	3.8	2.9
70.0				3.2	2.8

Main boom 53 m

Radius (m)	Fixed jib length (m)				
	11	17	23	29	32
	m	m	m	m	m
6.5	24.0				
10	22.8	15.3			
12	22.0	14.9	8.8		
14	21.2	14.3	8.5	5.3	
16	20.4	13.9	8.1	5.2	4.1
26	15.5	12.2	6.9	4.6	3.7
36	9.9	9.7	6.3	4.3	3.4
46	6.4	6.8	5.9	4.0	3.2
55	4.3	4.7	5.0	3.9	3.0
60		3.8	4.1	3.8	3.0
70			2.7	2.9	2.9
75				2.3	2.4

Main boom 59 m

Radius (m)	Fixed jib length (m)				
	11	17	23	29	32
	m	m	m	m	m
6.7	22.4				
10.0	21.3	14.5			
12.0	20.4	14.1	8.4		
16.0	18.9	13.2	7.9	5.1	4.0
26.0	14.6	10.9	6.8	4.5	3.6
36.0	9.5	9.3	6.3	4.2	3.4
46.0	6.1	6.5	5.8	4.0	3.2
50.0	5.1	5.5	5.6	3.9	3.1
60.0	3.2	3.5	3.8	3.7	3.0
70.0		2.1	2.4	2.6	2.7
75.0			1.8	2.0	2.1
80.0				1.5	1.6

Main boom 65 m

Radius (m)	Fixed jib length (m)				
	11	17	23	29	32
	m	m	m	m	m
6.9	20.3				
10.0	19.6	13.6			
12.0	18.6	13.2	8.1		
16.0	17.1	12.4	7.7	5.0	4.0
26.0	13.2	10.3	6.6	4.5	3.6
36.0	8.9	9.2	6.1	4.2	3.4
46.0	5.8	6.1	5.5	4.0	3.2
55.0	3.7	4.1	4.4	3.8	3.0
65.0	2.1	2.5	2.8	3.0	2.8
70.0		1.8	2.1	2.4	2.4
75.0		1.2	1.5	1.8	1.9
80.0				1.1	1.2

Capacities in metric tons with fixed jib (0806.xx) 50.5 t counterweight and 15 t carbody counterweight.
 Above lift chart is for reference only. For actual lift duty please refer to lift chart in operator's cab or manual.

Lift chart - fixed jib - offset 15°

Main boom 17 m

Radius (m)	Fixed jib length (m)				
	11	17	23	29	32
	m	m	m	m	m
7.7	24.0				
12.0	22.3	15.1			
16.0	19.4	13.1	7.4		
20.0	16.6	11.3	6.6	4.6	
22.0	15.6	10.8	6.3	4.4	3.5
24.0	14.8	10.2	6.1	4.3	3.4
26.0	14.3	9.8	5.8	4.3	3.3
28.0	12.1	9.3	5.6	4.2	3.3
34.0		8.5	5.3	4.0	3.1
38.0			5.2	3.9	3.1
46.0				3.7	2.9
48.0					2.9

Main boom 23 m

Radius (m)	Fixed jib length (m)				
	11	17	23	29	32
	m	m	m	m	m
8.0	24.0				
12.0	22.4	14.9			
16.0	20.3	13.5	7.4		
20.0	18.1	11.4	6.7	4.6	
22.0	17.0	11.0	6.4	4.5	3.5
24.0	16.2	10.7	6.2	4.4	3.4
26.0	15.4	10.3	6.0	4.3	3.4
28.0	14.8	10.0	5.8	4.2	3.3
32.0	13.4	9.2	5.5	4.1	3.2
38.0		8.6	5.3	4.0	3.0
44.0			5.1	3.9	2.9
50.0				3.8	2.7

Main boom 29 m

Radius (m)	Fixed jib length (m)				
	11	17	23	29	32
	m	m	m	m	m
8.2	23.9				
12.0	22.3	14.8			
16.0	20.8	13.6	7.3		
20.0	19.4	12.4	6.8	4.6	
22.0	18.2	11.1	6.5	4.5	3.5
26.0	16.5	10.5	6.1	4.3	3.4
30.0	14.5	10.0	5.8	4.2	3.3
34.0	12.1	9.4	5.5	4.1	3.2
38.0	10.2	8.8	5.4	4.0	3.1
44.0		8.5	5.2	4.0	3.0
50.0			5.1	3.9	2.9
55.0				3.8	2.9

Main boom 35 m

Radius (m)	Fixed jib length (m)				
	11	17	23	29	32
	m	m	m	m	m
8.4	23.4				
13.0	21.7	14.2			
16.0	20.6	13.5	7.3		
20.0	19.6	12.6	6.7	4.5	
22.0	19.2	12.1	6.5	4.4	3.5
26.0	17.4	10.7	6.1	4.3	3.4
30.0	14.3	10.2	5.9	4.2	3.3
36.0	10.9	9.5	5.6	4.1	3.1
42.0	8.5	8.8	5.3	4.0	3.0
48.0		7.2	5.2	3.9	2.9
55.0			5.1	3.9	2.8
60.0				3.8	2.8

Main boom 41 m

Radius (m)	Fixed jib length (m)				
	11	17	23	29	32
	m	m	m	m	m
8.6	22.6				
13.0	21.2	13.9			
18.0	19.8	12.9	7.0		
20.0	19.3	12.4	6.7	4.5	
22.0	18.9	12.1	6.5	4.4	3.5
28.0	15.5	10.5	6.0	4.2	3.3
38.0	9.8	9.6	5.5	4.0	3.1
48.0	6.5	7.0	5.3	3.9	3.0
55.0		5.3	5.1	3.9	2.9
60.0			4.7	3.8	2.9
65.0				3.8	2.8
70.0					2.7

Main boom 47 m

Radius (m)	Fixed jib length (m)				
	11	17	23	29	32
	m	m	m	m	m
8.8	21.7				
13.0	20.6	13.5			
18.0	19.3	12.7	6.9		
22.0	18.0	10.9	6.4	4.4	3.4
28.0	15.2	10.5	6.0	4.2	3.3
36.0	10.4	9.9	5.7	4.0	3.2
40.0	8.8	9.3	5.5	4.0	3.1
50.0	5.8	6.2	5.3	3.9	3.0
60.0		4.1	4.5	3.9	2.9
65.0			3.7	3.8	2.9
70.0				3.2	2.8
75.0					2.7

Main boom 53 m

Radius (m)	Fixed jib length (m)				
	11	17	23	29	32
	m	m	m	m	m
9.0	20.6				
13.0	19.7	13.0			
18.0	18.3	12.2	6.7		
22.0	17.0	10.7	6.4	4.3	
24.0	16.2	10.5	6.2	4.2	3.4
32.0	12.2	10.1	5.8	4.1	3.2
40.0	8.5	8.8	5.5	4.0	3.1
55.0	4.4	4.9	5.0	3.8	3.0
65.0		3.1	3.5	3.8	2.9
70.0			2.7	3.1	2.9
75.0				2.4	2.5
80.0					1.9

Main boom 59 m

Radius (m)	Fixed jib length (m)				
	11	17	23	29	32
	m	m	m	m	m
9.2	19.3				
13.0	18.5	12.3			
18.0	16.8	10.9	6.6		
22.0	15.6	10.4	6.2	4.3	
24.0	14.7	10.2	6.1	4.2	3.3
30.0	12.6	9.7	5.8	4.1	3.2
42.0	7.5	7.8	5.4	3.9	3.1
50.0	5.2	5.7	5.2	3.8	3.0
60.0	3.2	3.7	4.0	3.7	2.9
70.0		2.1	2.5	2.8	2.8
75.0			1.9	2.2	2.3
80.0				1.6	1.7

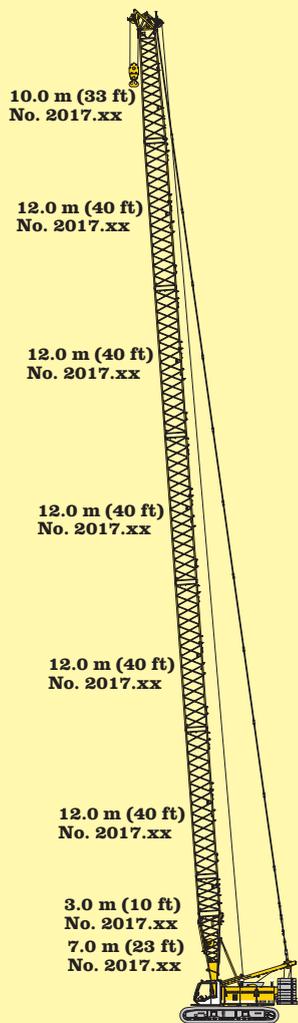
Main boom 65 m

Radius (m)	Fixed jib length (m)				
	11	17	23	29	32
	m	m	m	m	m
9.4	17.6				
14.0	16.6	10.8			
18.0	15.4	10.4	6.4		
22.0	14.0	9.9	6.1	4.2	
24.0	13.5	9.7	5.9	4.1	3.3
32.0	11.0	9.1	5.6	4.0	3.2
46.0	6.0	6.4	5.2	3.8	3.0
50.0	5.0	5.4	5.1	3.8	3.0
55.0	3.9	4.3	4.7	3.7	2.9
65.0	2.2	2.6	3.0	3.3	2.8
75.0		1.3	1.6	2.0	2.1
80.0				1.3	1.5

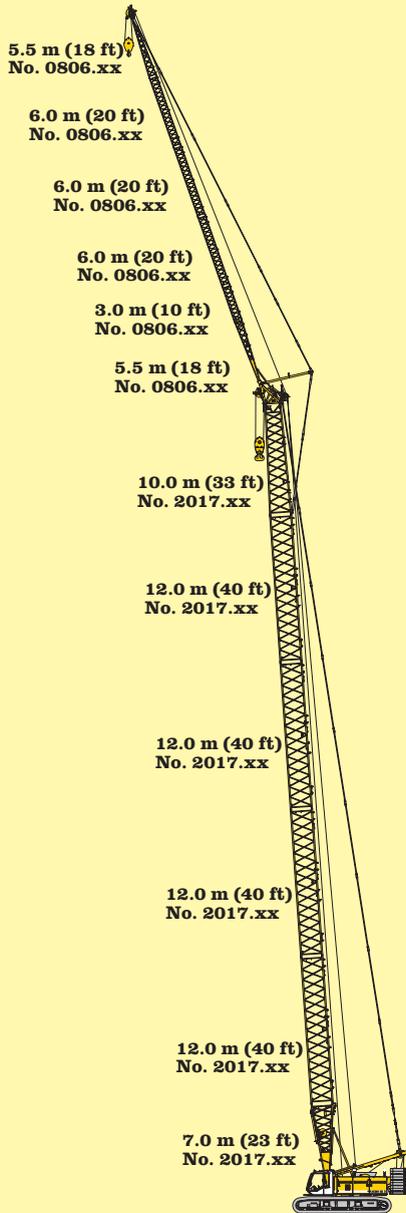
Capacities in metric tons with fixed jib (0806.xx) 50.5 t counterweight and 15 t carbody counterweight.

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

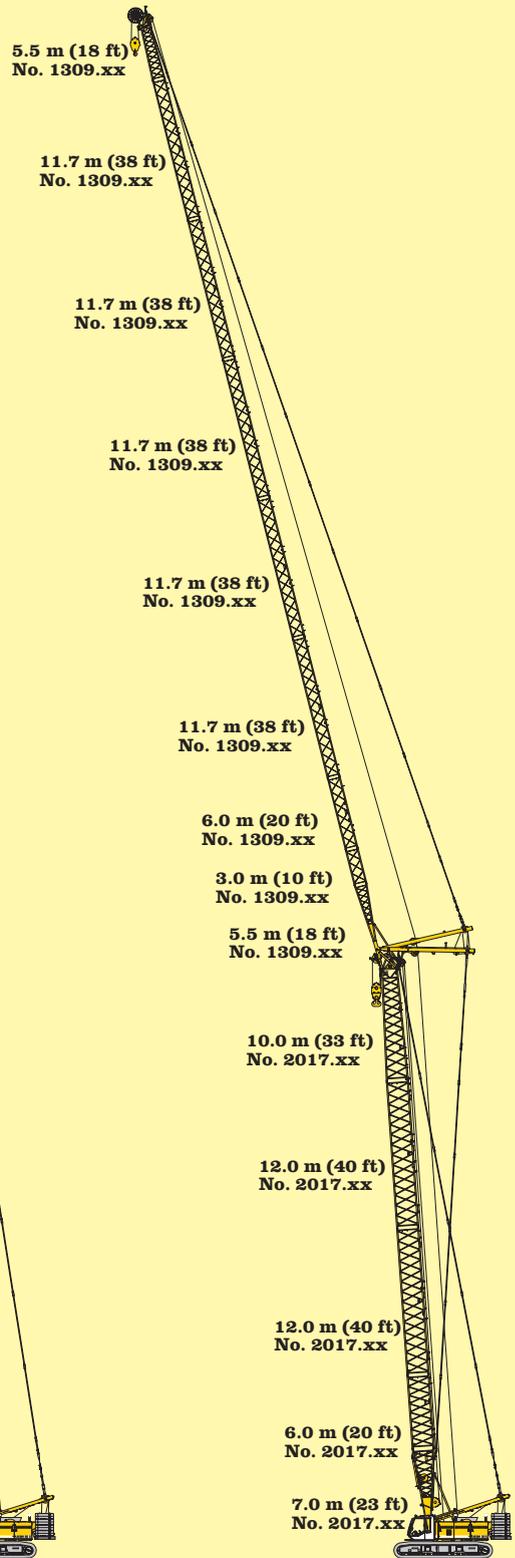
Lift chart - fixed jib - offset 30°



LR 1130
Main boom No. 2017.xx — 80 m



LR 1130
Max. fix jib combination — 97.0 m
Main boom No. 2017.xx — 65.0 m
Jib No. 0806.xx — 32.0 m



LR 1130
Max. combination — 125.5 m
Main boom No. 2017.xx — 47.0 m
Luffing jib No. 1309.xx — 78.5 m

Main boom No. 2017.xx — 53.0 m
Luffing jib No. 1309.xx — 40.4 m

Boom combinations

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