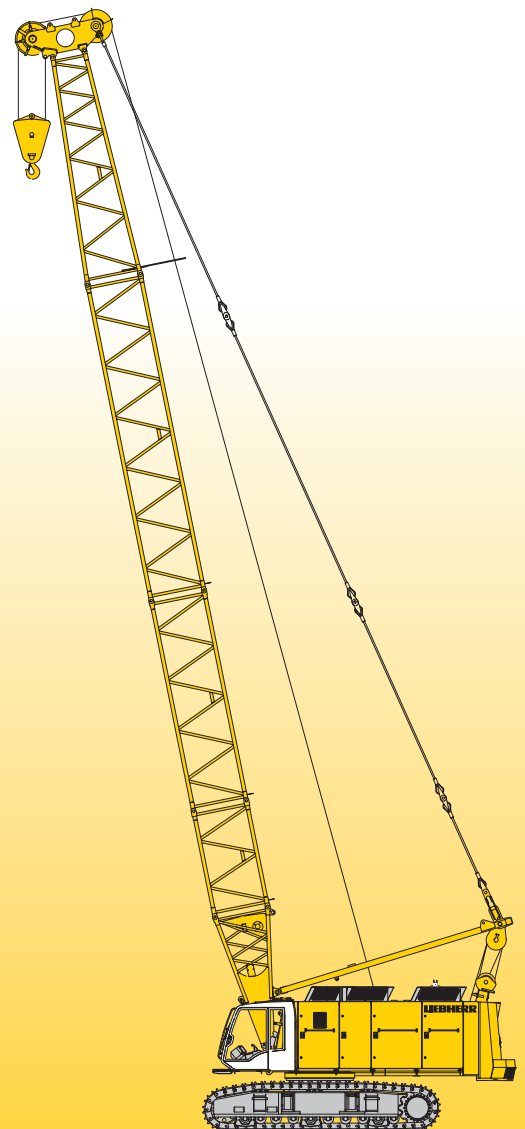


Technical Data
Hydraulic crawler crane

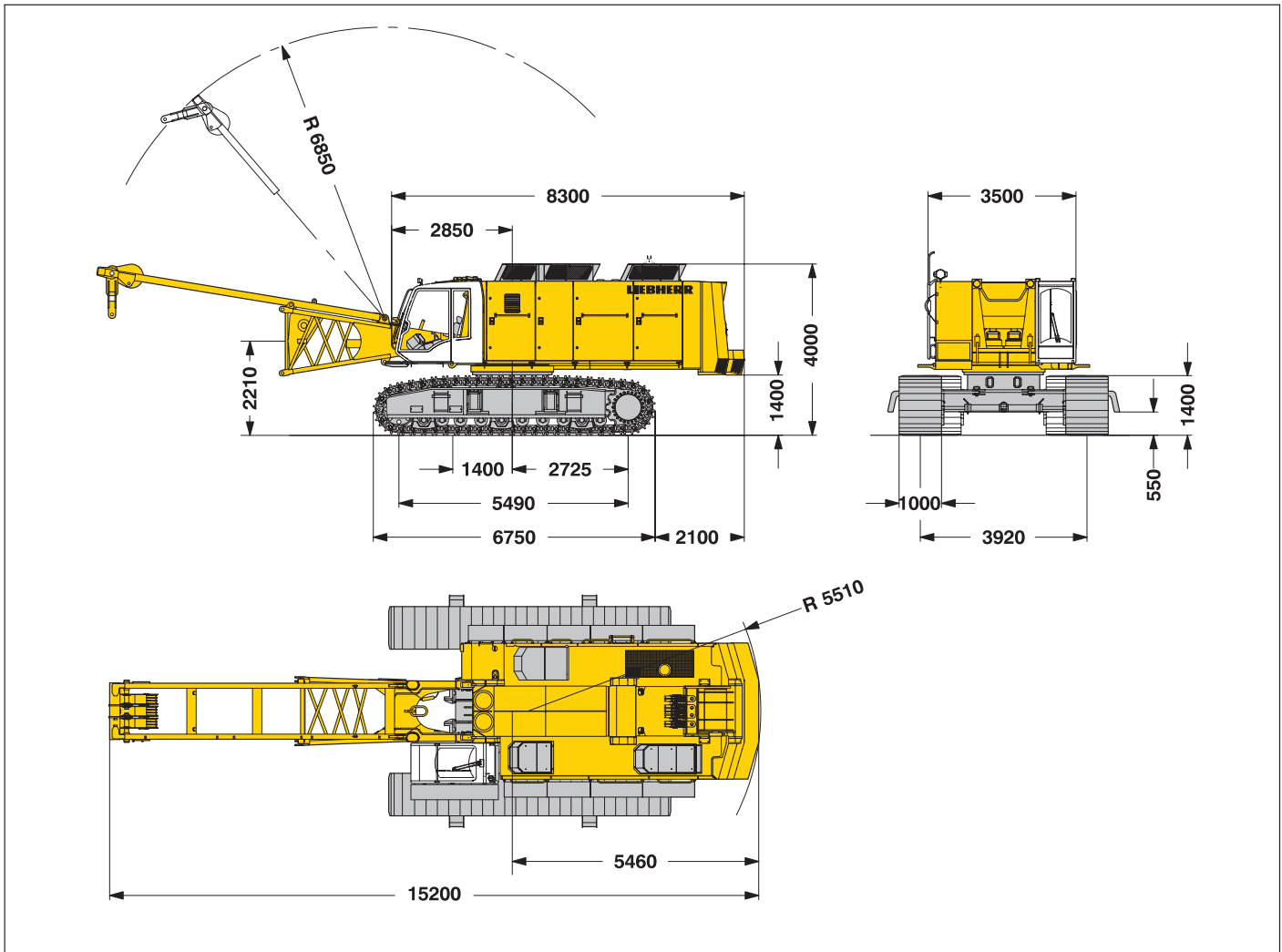
HS 885 HD
Litronic®



LIEBHERR

Dimensions

Basic machine with undercarriage



Operating weight

The operating weight includes the basic machine with HD undercarriage, 2 main winches 300 kN with speed change gear and 11 m boom, consisting of A-frame, boom foot (4 m), boom head section (6.4 m), boom head (0.6 m) and 24.1 t basic counterweight + 8.4 t add. counterweight.

Total weight _____ approx. 106.8 t

Ground pressure

Ground bearing pressure _____ 0.98 kg/cm²

Equipment

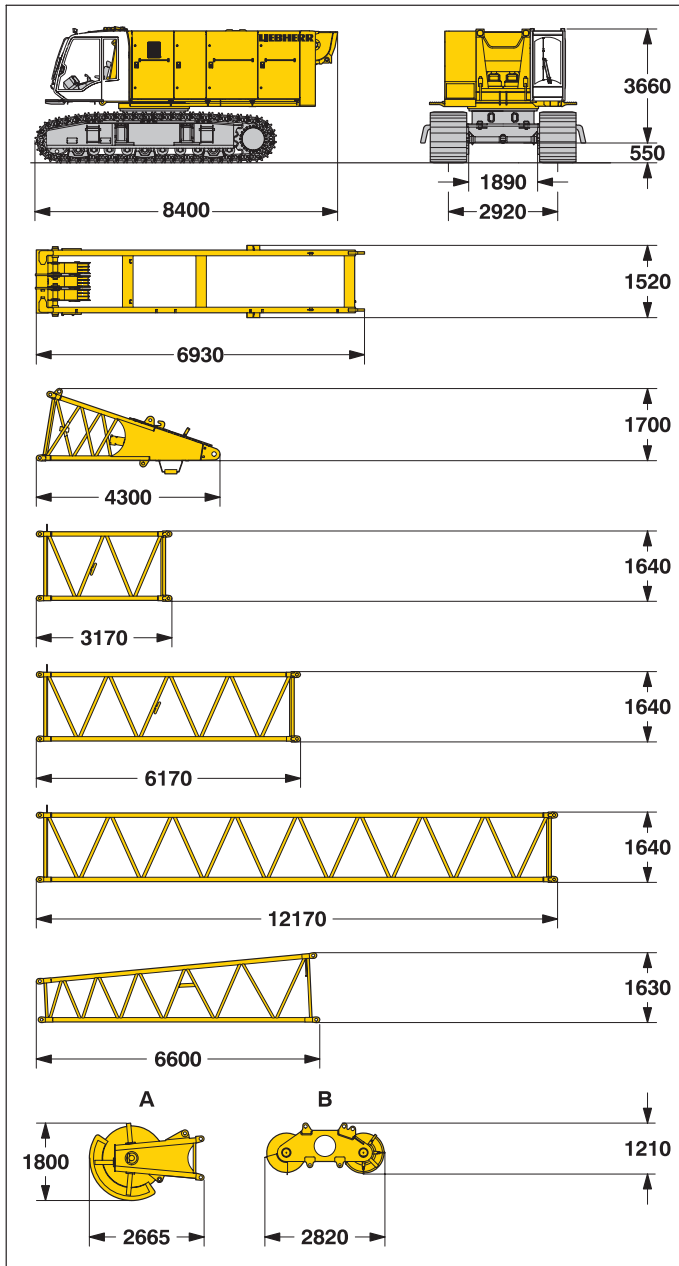
Main boom max. length _____ 74 m
 Fixed jib (No. 0806.xx) _____ 11 m – 32 m
 Universal boom head with interchangeable rope pulleys.
 Modular designed equipment for operation as crane, with dragline or clamshell.
 For dragline operation, a rotating fairlead is fitted into the boom foot. This minimizes the rope angle to drum, which results in lower rope wear.

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. Working radii are measured from centre of swing and under load.
7. The lifting capacities are valid for 360 degrees of swing.
8. Calculation of stability under load is based on ISO 4305 Table 1 + 2, tipping angle 4°.
9. The structures are calculated according to F.E.M. 1.001 – 1998 (EN 13001-2 / 2004).

Transport dimensions and weights

Basic machine and boom (No. 1515.xx)



Basic machine

with HD undercarriage, V-8-Liebherr diesel engine, 2 x 300 kN winches with change gear box, without counterweight, boom foot and A-frame
 Double grouser track shoes - mm _____ 800 _____ 900 _____ 1000
 Width _____ mm _____ 3720 _____ 3820 _____ 3920
 Weight _____ kg _____ 68500 _____ 69300 _____ 70200

A-frame

Width _____ mm _____ 600
 Weight _____ kg _____ 2195

Boom foot

Width _____ mm _____ 1660
 Weight* _____ kg _____ 2070

Boom section 3 m

Width _____ mm _____ 1660
 Weight* _____ kg _____ 770

Boom section 6 m

Width _____ mm _____ 1660
 Weight* _____ kg _____ 1240

Boom section 12 m

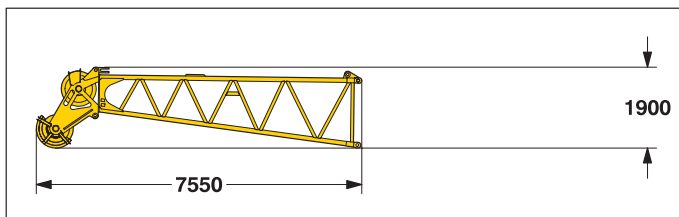
Width _____ mm _____ 1660
 Weight* _____ kg _____ 2130

Boom head section 6.4 m

Width _____ mm _____ 1660
 Weight* _____ kg _____ 1310

Boom head _____ B _____ A

Width _____ mm _____ 780 _____ 1070
 Weight* _____ kg _____ 1500 _____ 1800



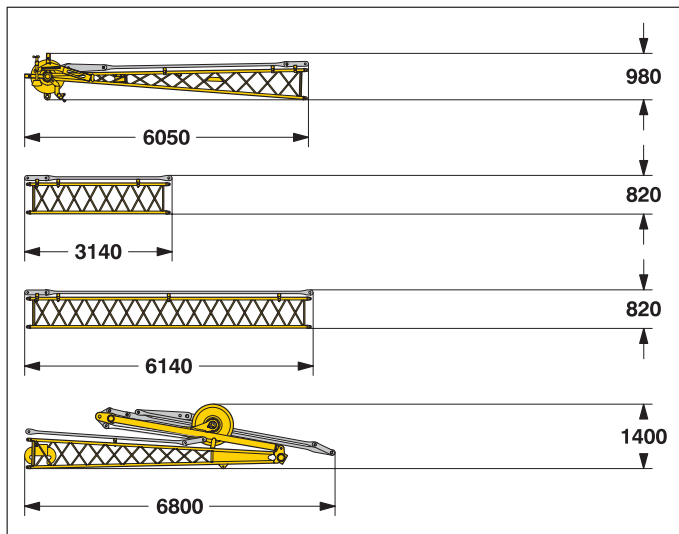
L - boom head

Width _____ mm _____ 1660
 Weight* _____ kg _____ 1170

*) Including pendant ropes

Transport dimensions and weights

Fixed jib (No. 0806.xx)



*) Including pendant straps

Fixed jib head (No. 0806.xx)

Width	mm	1140
Weight*	kg	445

Fixed jib section (No. 0806.xx)

3 m

Width	mm	950
Weight*	kg	110

Fixed jib section (No. 0806.xx)

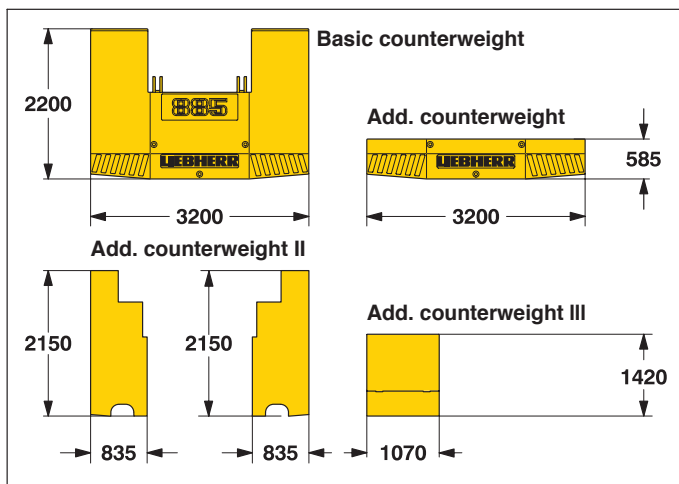
6 m

Width	mm	950
Weight*	kg	195

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

Width	mm	1500
Weight*	kg	930

Counterweight



Basic counterweight

1 x

Width	mm	720
Weight	kg	19600

Add. counterweight

1 x

Width	mm	660
Weight	kg	4500

Add. counterweight II

2 x

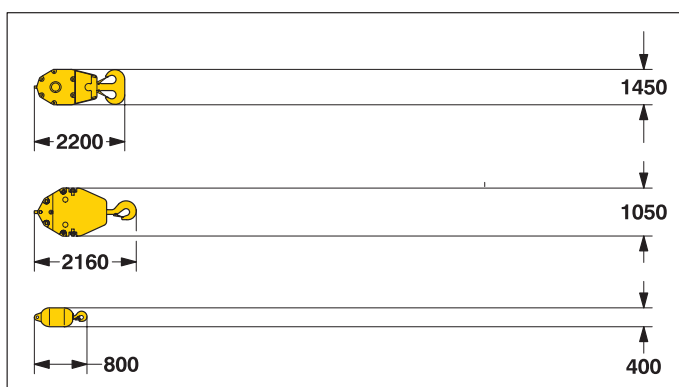
Width	mm	340
Weight	kg	2600

Add. counterweight III

1 x

Width	mm	375
Weight	kg	3200

Hooks



120 t hook block - 2 sheaves

Width	mm	320
Weight	kg	1400

60 t hook block - 1 sheave

Width	mm	300
Weight	kg	970

30 t single hook

Width	mm	400
Weight	kg	400

Technical description



Engine

Power rating according to ISO 9249, 450 kW (603 hp) at 1900 rpm
Engine type _____ Liebherr D 9508 A7
Fuel tank _____ 920 l capacity with continuous level indicator and reserve warning

Engine complies with NRMM exhaust certification EPA / CARB Tier 3 and 97/68 EC Stage III

Option:

Power rating according to ISO 3046, 670 kW (898 hp) at 1900 rpm
Engine type _____ MAN D 2842 LE
Fuel tank _____ 920 l capacity with continuous level indicator and reserve warning

Engine complies with NRMM exhaust certification EPA / CARB Tier 2



Hydraulic system

The main pumps are operated by a distributor gearbox. Axial piston displacement pumps work in closed and open circuits supplying oil only when needed (flow control on demand). To minimize peak pressure an automatically working pressure cut off is integrated. This spares pumps and saves energy. The hydraulic oil is cleaned through electronically controlled pressure and return filters. Possible contamination is signaled in the cabin. The use of synthetic environmentally friendly oils is possible. Ready made hydraulic retrofit kits are available to customize requirements e.g. powering casing oscillators, VM-vibrators, hydraulic grabs, hanging leads etc.

Working pressure _____ max. 350 bar

Oil tank capacity _____ 1170 l



Boom winch

Line pull _____ max. 2x 70 kN

Rope diameter _____ 20 mm

Boom up _____ 84 sec. from 15° to 82°



Swing

Consists of rollerbearing with external teeth for lower tooth flank pressure, fixed axial piston hydraulic motor, spring loaded and hydraulically released multi-disc holding brake, planetary gearbox and pinion.

Swing speed from 0 – 3.5 rpm continuously variable, selector for 3 speed ranges to increase swing precision.

Standard:

Second swing drive



Noise emission

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



Main winches

Winch options:

Line pull (nom. load) _____ 200 kN _____ 250 kN _____ 300 kN

Rope diameter _____ 30 mm _____ 34 mm _____ 36 mm

Drum diameter _____ 630 mm _____ 750 mm _____ 820 mm

Rope speed (m/min) _____ 0–86 _____ 0–69 _____ 0–55

With change gear box (m/min) _____ 0–123 _____ 0–119

Rope capacity 1st layer _____ 46.5 m _____ 45.9 m _____ 45.9 m

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

The drag and hoist 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:

Crane winch (main winch) _____ 160 kN with multi-disc holding brake

Auxiliary winch _____ 70 kN in boom foot

Tagline winch _____ 70 kN with free fall

30 kN with free fall



Crawlers

The track width of the undercarriage is changed hydraulically.

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

Flat or double grouser track shoes

Drive speed _____ 0 – 1.3 km/h

Option:

- 2 speed hydraulic motor for higher travel speed



Control

The control system – developed and manufactured by Liebherr – is designed to withstand extreme temperature changes and the rough heavy duty tasks common in the construction industry. Complete machine operating data are shown on a high resolution display. The crane is equipped with proportional control for all movements, which can be carried out simultaneously.

Dragline operation: A special "Interlock" control system is an option available. It is designed for power lifting of the dragline bucket without using the drag winch brake.

On request, Liebherr also offers special custom designed control systems for free fall winches.

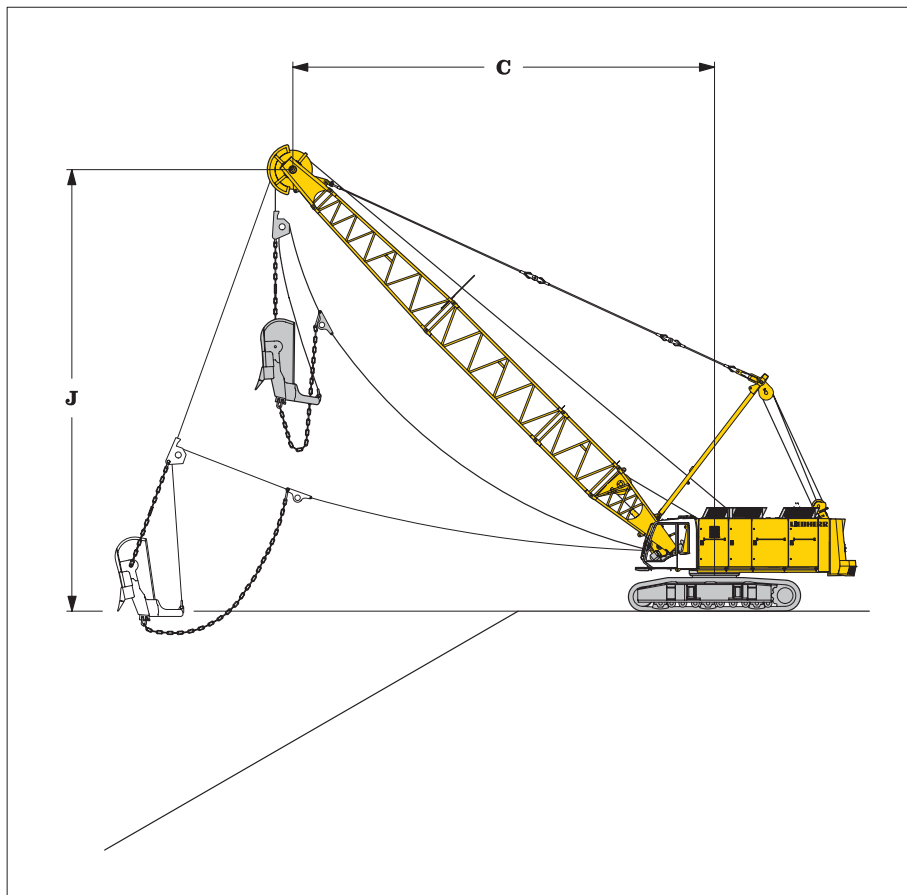
Operation: Left joy stick for boom winch and swing, right two directional levers for winch I and II. Crawler control is actuated with the two central foot pedals. Additionally, hand levers can be attached to the pedals.

Options:

- Special demolition control system
- MDE: Machine data recording
- PDE: Process data recording
- GSM modem

Dragline equipment

32.5 t counterweight



Working diagram

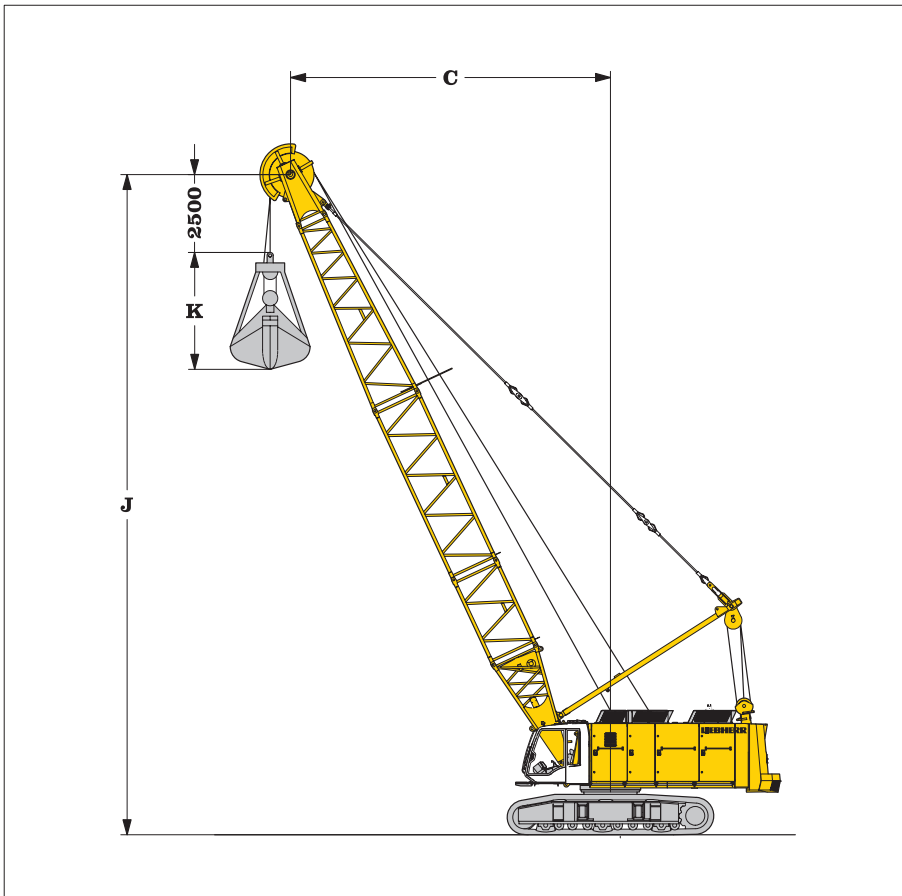
C = Radius / dumping radius
 J = Height of boom head sheave centre above ground level

Capacities in metric tons for boom lengths (18 m – 33 m)										counterweight 32.5 t									
α	18 m			21 m			24 m			27 m			30 m			33 m			
	C	J	t	C	J	t	C	J	t	C	J	t	C	J	t	C	J	t	
	m	m	t	m	m	t	m	m	t	m	m	t	m	m	t	m	m	t	
45	14.7	14.9	21.0	16.9	17.0	16.7	19.0	19.1	13.4	21.1	21.3	11.2	23.3	23.4	9.4	25.3	25.6	8.5	
40	15.8	13.7	18.2	18.1	15.7	14.0	20.4	17.6	11.4	22.7	19.5	9.6	25.0	21.4	8.1	27.3	23.4	7.6	
35	16.8	12.5	15.2	19.2	15.2	12.0	21.7	15.9	10.1	24.1	17.6	8.6	26.6	19.4	7.2	29.1	21.2	6.8	
30	17.6	11.2	13.3	20.2	12.7	10.9	22.8	14.2	9.0	25.4	15.7	7.5	28.0	17.2	6.3	30.6	18.7	6.2	
25	18.3	9.8	11.9	21.0	11.0	9.7	23.8	12.3	8.2	26.5	13.6	6.8	29.2	14.8	5.7	31.9	16.2	5.6	

Max. capacities in metric tons do not exceed 75% of tipping load.

Clamshell equipment

32.5 t counterweight



Working diagram

- C = Radius / dumping radius
- J = Height of boom head sheave centre above ground level
- K = Length of clamshell (depending on type and capacity of bucket)

Capacities in metric tons for boom lengths (18 m – 33 m)												counterweight 32.5 t						
α	18 m			21 m			24 m			27 m			30 m			33 m		
	C	J	t	C	J	t	C	J	t	C	J	t	C	J	t	C	J	t
65	9.6	18.5	30.0	10.9	21.2	28.2	12.2	23.9	24.0	13.4	26.6	20.8	14.7	29.3	18.1	16.0	32.1	15.9
60	11.0	17.7	27.8	12.5	20.3	23.2	14.0	22.9	19.8	15.5	25.5	17.0	17.0	28.1	14.7	18.5	30.8	12.8
55	12.4	16.9	23.8	14.1	19.4	19.8	15.8	21.8	16.8	17.5	24.3	14.3	19.2	26.7	12.4	21.0	29.3	10.7
50	13.6	15.9	20.9	15.5	18.2	17.3	17.4	20.5	14.6	19.4	22.8	12.4	21.3	25.1	10.6	23.2	27.5	9.1
45	14.7	14.9	18.7	16.9	17.0	15.5	19.0	19.1	13.0	21.1	21.3	10.9	23.2	23.4	9.3	25.3	25.6	7.9
40	15.8	13.7	17.0	18.1	15.7	13.7	20.4	17.6	11.4	22.7	19.5	9.6	25.0	21.4	8.0	27.3	23.4	6.7
35	16.8	12.5	15.0	19.2	14.2	12.1	21.7	15.9	10.1	24.1	17.9	8.5	26.6	19.4	7.1	29.1	21.2	6.0
30	17.6	11.2	13.3	20.2	12.7	10.9	22.8	14.2	9.0	25.4	15.7	7.6	28.0	17.2	6.3	30.6	18.7	5.2
25	18.3	9.8	11.9	21.0	11.0	9.7	23.8	12.3	8.0	26.5	13.6	6.7	29.2	14.8	5.5	31.9	16.2	4.5

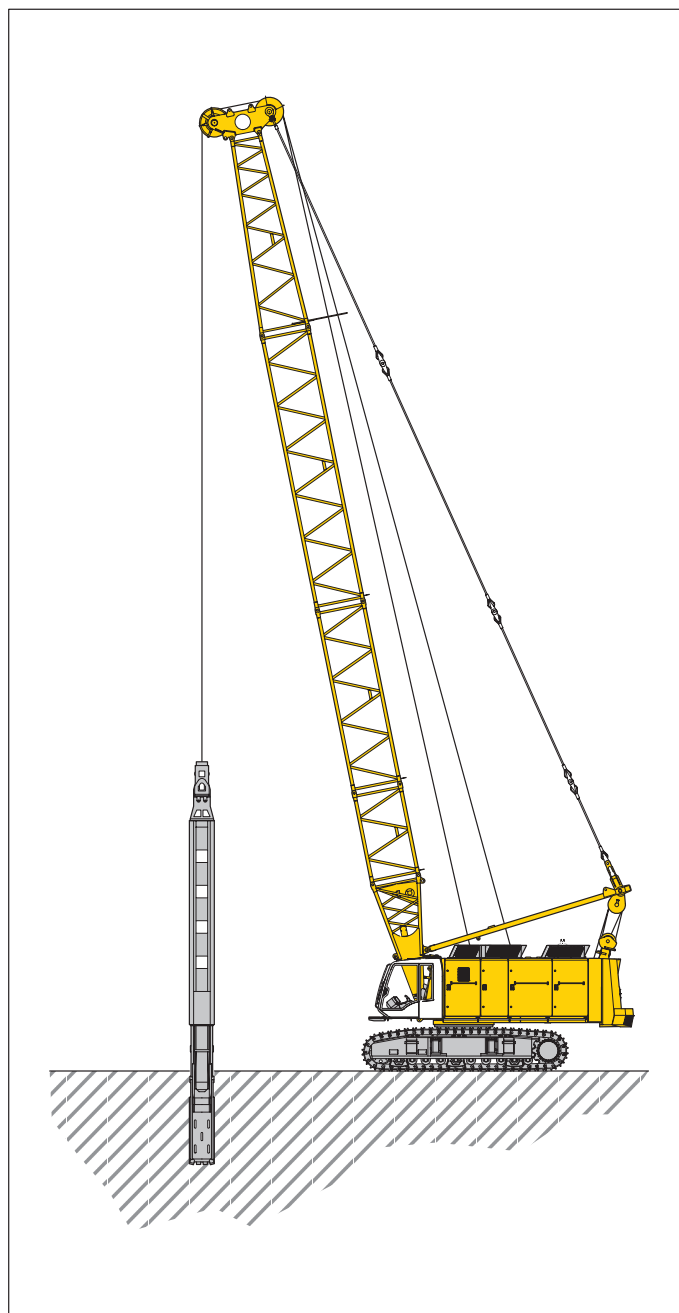
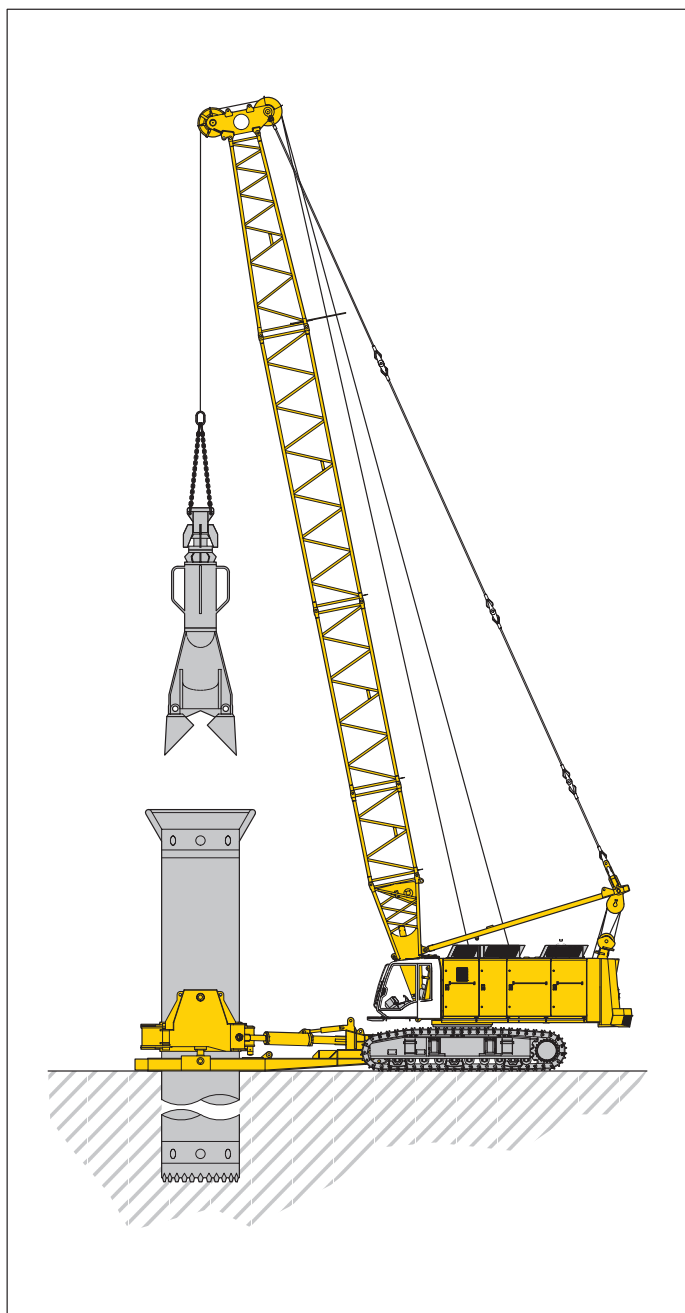
Max. capacities in metric tons do not exceed 66.7 % of tipping load.

Load diagram restricted by safety factors of standard ropes:

Winches	200 kN	250 kN	300 kN
Rope diameter	30 mm	34 mm	36 mm
Calc. breaking load	810 kN	1031 kN	1159 kN
1-rope clamshell	16.5 t	21 t	23.5 t
2-rope clamshell	22 t	28 t	31.3 t

Equipment

Casing oscillator and slurry wall grab



Casing oscillator

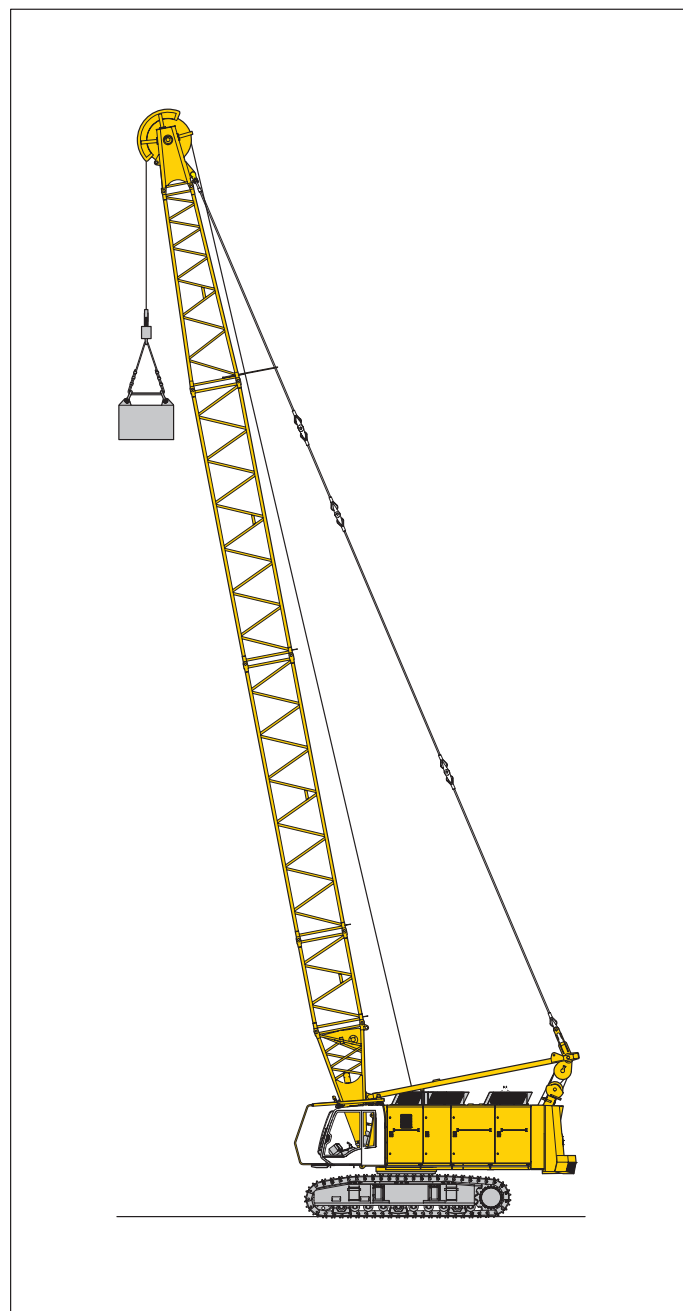
Winch options	2 x 250 kN	2 x 300 kN
Line speed 1st gear (m/min)	0-69	0-55
Line speed 2nd gear (m/min)	0-123	0-119
Drilling diameter	2500 mm	3000 mm
Maximum allowable weight in two rope operation	28 t	31.3 t

Slurry wall grab

Winch options	2 x 250 kN	2 x 300 kN
Line speed 1st gear (m/min)	0-69	0-55
Line speed 2nd gear (m/min)	0-123	0-119
Max. chisel weight	20 t	25 t
Maximum allowable weight in two rope operation	28 t	31.3 t

Equipment

Dynamic soil compaction



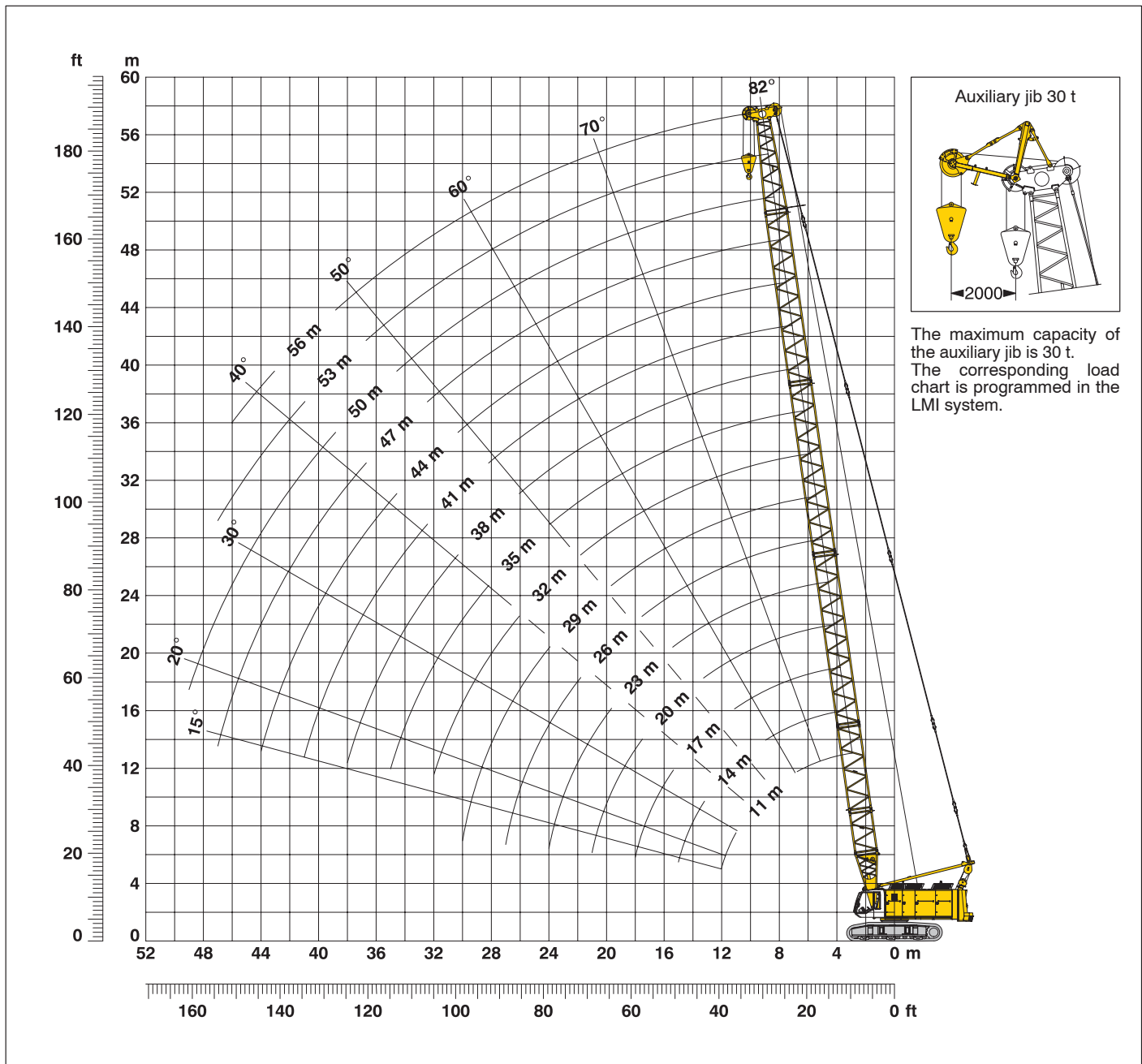
Capacities in metric tons for boom lengths (21 m – 33 m)

Radius (m)	Boom length				
	21 m	24 m	27 m	30 m	33 m
8.0	30 t	30 t	25 t	25 t	25 t
9.0	20 t	20 t	20 t	20 t	20 t

Max. capacities in metric tons do not exceed 75% of tipping load.
 All loads given are max. values and must not be exceeded. They are only permitted in two rope automatic operation and are valid for work on a surface with max. inclination of 1 %. Lifting heights shall not exceed 25 m.

Working range - main boom 82° - 15°

32.5 t counterweight



Main boom configuration (table 1)

Configuration for boom lengths (11 m – 56 m)

	Length	Amount of boom extensions																						
		4.0 m	3.0 m	6.0 m	12.0 m	6.4 m	0.6 m	11 m	14 m	17 m	20 m	23 m	26 m	29 m	32 m	35 m	38 m	41 m	44 m	47 m	50 m	53 m	56 m	
Boom foot	4.0 m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Boom extension	3.0 m		1							1														
Boom extension	6.0 m			1	1					1														
Boom extension	12.0 m					1	1	1	1	1	2	2	2	2	3	3	3	3	3	3	3	3	3	3
Boom head section	6.4 m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Boom head	0.6 m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Boom length in (m)		11	14	17	20	23	26	29	32	35	38	41	44	47	50	53	56							

Lift chart for main boom (No. 1515.xx)

32.5 t counterweight

Capacities in metric tons for boom lengths (11 m – 74 m) – with 300 kN winches

Radius	Boom length in (m)																	Radius
	Standard boom head													L – boom head				
	11	14	17	20	23	26	29	32	35	41	47	50	56	59	62	68	74	
(m)	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	t	(m)
3.8	120.0																	3.8
4	120.0	120.0																4
5	108.9	107.5	104.4															5
6	80.4	80.5	80.5	78.9	77.2	75.1												6
7	63.4	63.5	63.6	63.6	62.8	61.6	60.3	58.8										7
8	52.1	52.2	52.3	52.2	52.2	51.8	50.8	49.8	48.9	46.6								8
9	44.0	44.2	44.2	44.2	44.1	44.0	43.8	42.9	42.1	40.5	38.5							9
10	37.9	38.1	38.2	38.1	38.0	37.9	37.8	37.6	36.9	35.5	34.0	33.2						10
12	29.3	29.6	29.7	29.7	29.6	29.5	29.3	29.2	29.0	28.1	26.9	26.3	25.1	16.5	14.4	10.5		12
14		23.9	24.0	24.0	23.9	23.8	23.7	23.5	23.3	23.0	22.0	21.5	20.4	14.4	13.0	9.5	4.7	14
16			20.0	20.0	19.9	19.8	19.6	19.5	19.3	18.9	18.4	17.9	16.9	12.9	11.4	8.3	3.9	16
18			16.8	16.9	16.8	16.7	16.6	16.4	16.3	15.9	15.5	15.1	14.3	11.6	10.2	7.4	3.2	18
20				14.5	14.5	14.4	14.2	14.1	13.9	13.5	13.1	12.9	12.1	10.4	9.2	6.5	2.5	20
22					12.5	12.5	12.3	12.2	12.0	11.6	11.2	11.0	10.4	9.7	8.2	5.6	1.8	22
24					10.9	10.9	10.8	10.6	10.4	10.1	9.7	9.5	9.0	8.5	7.2	4.6	1.1	24
26						9.5	9.5	9.3	9.1	8.8	8.4	8.1	7.7	7.3	6.5	3.7		26
28							8.3	8.2	8.0	7.7	7.3	7.0	6.6	6.2	5.7	2.8		28
30							7.3	7.2	7.1	6.7	6.3	6.1	5.7	5.3	4.9			30
32								6.4	6.2	5.9	5.5	5.3	4.9	4.5	4.1			32
34									5.5	5.2	4.8	4.6	4.1	3.8	3.3			34
36										4.5	4.1	3.9	3.5	3.2	2.6			36
38										3.9	3.6	3.3	2.9	2.6	1.5			38
40										3.4	3.0	2.8	2.4	2.1				40
42											2.6	2.4	2.0	1.7				42
44											2.1	1.9	1.5	1.3				44
46											1.7	1.6	1.1					46
48												1.2						48

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

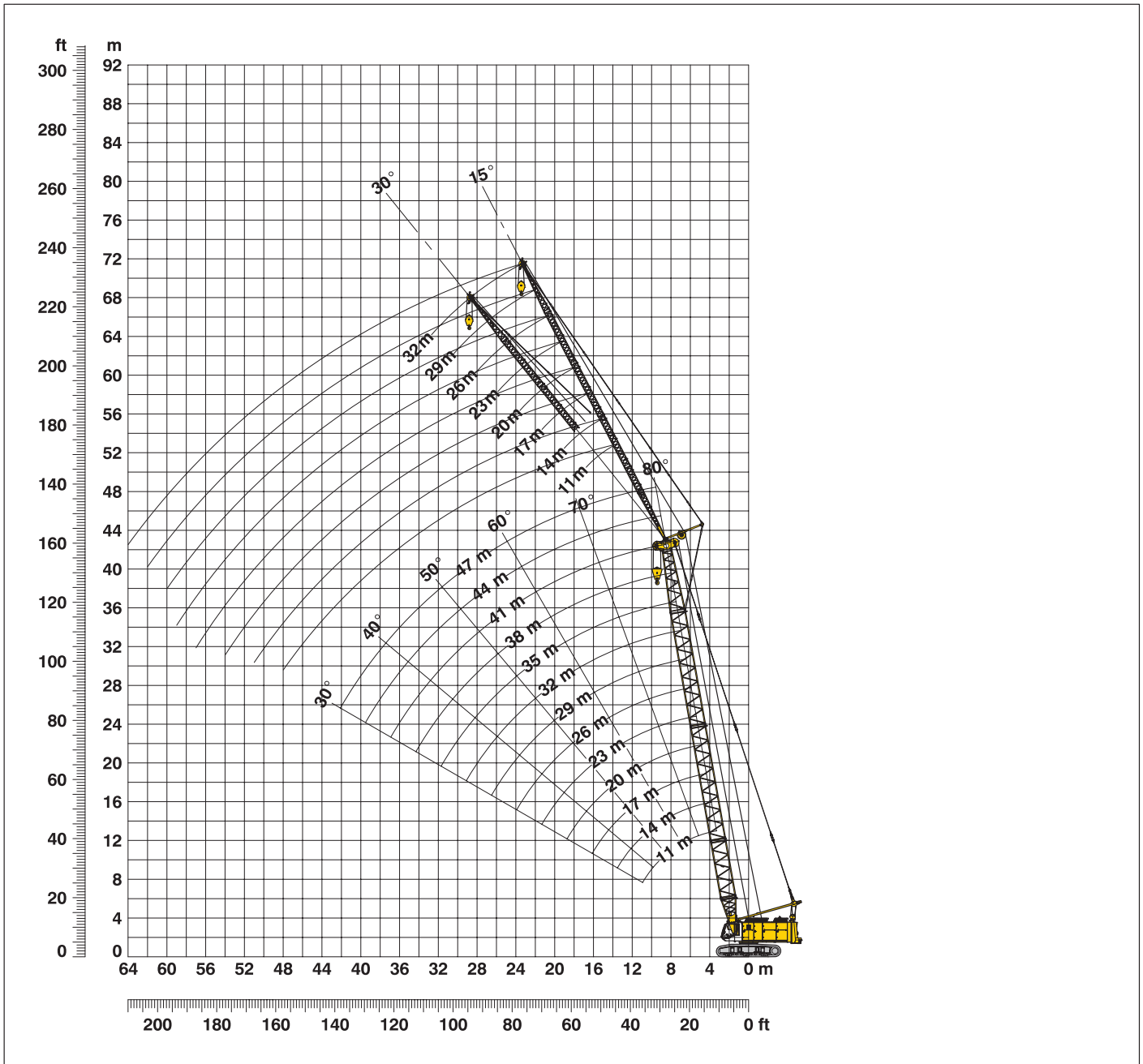
L – boom configuration

Configuration for boom lengths (59 m – 74 m)

	Length	Amount of boom extensions					
		1	1	1	1	1	1
Boom foot	4.0 m	1	1	1	1	1	1
Boom extension	3.0 m		1		1		1
Boom extension	6.0 m			1	1		
Boom extension	12.0 m	4	4	4	4	5	5
L – boom head	7.0 m	1	1	1	1	1	1
L – boom length in (m)		59	62	65	68	71	74

Working range - fixed jib (No. 0806.xx) 15° and 30°

Main boom 80° - 30°



Boom configuration for boom lengths (11 m - 47 m) – see table 1 on page 10

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

	Length	Amount of fixed jib extensions							
Fixed jib foot	5.5 m	1	1	1	1	1	1	1	1
Fixed jib insert	3.0 m		1		1		1		1
Fixed jib insert	6.0 m			1	1	2	2	3	3
Fixed jib head	5.5 m	1	1	1	1	1	1	1	1
Fixed jib length (m)		11	14	17	20	23	26	29	32

Lift chart – fixed jib (No. 0806.xx)

Offset 15°

Main boom 11 m

Radius (m)	Fixed jib length in (m)			
	11	20	26	32
8.4	t	t	t	t
14	24.5			
18	16.9	10.1		
22	15.2	8.9	6.1	
26	13.8	8.1	5.6	3.9
28		7.5	5.2	3.6
30		7.3	5.0	3.5
34		6.9	4.8	3.4
36			4.6	3.2
38			4.5	3.2
40				3.1
42				3.0

Main boom 17 m

Radius (m)	Fixed jib length in (m)			
	11	20	26	32
9.4	t	t	t	t
15	23.6			
19	16.8	9.8		
24	15.6	8.8	6.0	
26	11.9	8.1	5.5	3.8
28	10.5	7.8	5.3	3.7
32		7.2	4.9	3.4
34		7.0	4.8	3.3
36		6.7	4.7	3.3
40			4.5	3.1
42			4.4	3.1
46				3.0
48				3.0

Main boom 23 m

Radius (m)	Fixed jib length in (m)			
	11	20	26	32
10.5	t	t	t	t
16	22.5			
20	16.8	9.8		
24	15.1	9.0	6.1	
26	11.5	8.5	5.7	3.8
28	10.2	8.3	5.5	3.7
30	9.0	8.0	5.4	3.6
32	8.1	7.9	5.3	3.5
40	7.2	7.7	5.1	3.5
46		5.4	4.7	3.2
48			4.4	3.0
50				3.0

Main boom 29 m

Radius (m)	Fixed jib length in (m)			
	11	20	26	32
11.5	t	t	t	t
18	19.1			
22	16.3	9.0		
26	12.7	8.6	5.7	
28	9.8	8.2	5.5	3.8
30	8.7	8.0	5.4	3.7
34	7.7	7.8	5.2	3.6
36	6.1	6.9	5.0	3.4
38	5.4	6.2	4.9	3.4
46	4.8	5.6	4.8	3.3
50		3.7	4.1	3.1
55			3.3	3.0
55				2.8

Main boom 35 m

Radius (m)	Fixed jib length in (m)			
	11	20	26	32
12.6	t	t	t	t
19	18.1			
22	15.4	8.7		
26	12.3	8.5	5.6	
26	9.4	8.2	5.4	3.8
30	7.3	7.9	5.2	3.6
34	5.7	6.5	5.1	3.5
36	5.0	5.9	5.0	3.4
40	3.9	4.7	4.8	3.3
42	3.4	4.2	4.6	3.2
50		2.5	2.9	3.1
55			2.1	2.5
60				1.8

Main boom 38 m

Radius (m)	Fixed jib length in (m)			
	11	20	26	32
13.1	t	t	t	t
19	17.8			
24	15.3	8.9		
26	10.5	8.4	5.7	
28	9.2	8.3	5.6	3.8
30	8.0	8.1	5.4	3.7
34	7.1	7.9	5.4	3.6
36	5.4	6.4	5.1	3.5
38	4.8	5.7	5.0	3.4
40	4.2	5.1	4.9	3.4
50	3.7	4.5	4.9	3.3
50		2.4	2.8	3.1
60			1.2	1.6

Main boom 41 m

Radius (m)	Fixed jib length in (m)			
	11	20	26	32
13.6	t	t	t	t
20	17.2			
24	13.9	8.7		
28	10.3	8.4	5.6	
30	7.8	8.1	5.4	3.7
36	6.8	7.9	5.3	3.7
36	4.6	5.5	5.1	3.4
38	4.0	4.8	5.0	3.4
40	3.4	4.3	4.8	3.3
46	2.1	2.9	3.3	3.2
48	1.7	2.5	2.9	3.1
55		1.3	1.8	2.1
60			1.1	1.4

Main boom 44 m

Radius (m)	Fixed jib length in (m)			
	11	17	20	26
14.1	t	t	t	
18	16.8			
20	15.6	10.7		
24	13.5	10.5	8.3	
28	10.1	10.2	8.0	
28	7.6	8.4	7.8	
30	6.6	7.4	7.7	
34	5.0	5.7	6.0	
38	3.7	4.4	4.7	
40	3.2	3.8	4.1	
44	2.3	2.9	3.1	
50	1.2	1.7	1.9	
55			1.2	

Main boom 47 m

Radius (m)	Fixed jib length in (m)			
	11			
14.6	t			
16	16.2			
18	15.9			
20	15.3			
24	13.1			
26	8.5			
28	7.4			
30	6.4			
36	4.1			
38	3.5			
40	3.0			
46	1.7			
48	1.3			

Capacities in metric tons with fixed jib (No. 0806.xx) 32.5 t 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 (No. 0806.xx)

Offset 30°

Main boom 11 m

Radius (m)	Fixed jib length in (m)			
	11	20	26	32
11.1	t	t	t	t
19	16.7	7.8		
20	13.1	7.7		
22	12.6	7.3		
26	11.8	6.5	4.9	
28		6.2	4.7	
30		6.0	4.5	3.3
34			4.2	3.2
36			4.1	3.1
38				3.0
40				3.0
42				2.9

Main boom 17 m

Radius (m)	Fixed jib length in (m)			
	11	20	26	32
12.1	t	t	t	t
20	16.3	7.8		
26	13.6	6.9	5.0	
30	10.7	6.3	4.7	3.3
34		5.9	4.4	3.2
36		5.8	4.3	3.2
38			4.2	3.1
40			4.1	3.0
42			4.0	3.0
44				2.9
46				2.9
48				2.8

Main boom 23 m

Radius (m)	Fixed jib length in (m)			
	11	20	26	32
13.2	t	t	t	t
22	15.8	7.8		
26	13.5	7.3	5.1	
32	10.4	6.5	4.7	3.3
36	7.3	6.2	4.5	3.2
38		6.0	4.4	3.1
40		5.5	4.3	3.1
42			4.2	3.0
44			4.2	3.0
46			4.1	2.9
48				2.9
50				2.9

Main boom 29 m

Radius (m)	Fixed jib length in (m)			
	11	20	26	32
14.2	t	t	t	t
22	15.4	7.7		
28	13.2	7.0	5.0	
32	8.9	6.6	4.7	3.3
34	7.0	6.4	4.6	3.3
36	6.2	6.3	4.5	3.2
38	5.5	6.3	4.5	3.2
38	4.8	5.9	4.4	3.2
44		4.2	4.2	3.0
46		3.7	4.1	3.0
48			3.8	3.0
50			3.4	2.9
55				2.9

Main boom 35 m

Radius (m)	Fixed jib length in (m)			
	11	20	26	32
15.2	t	t	t	t
24	14.9	7.5		
28	11.2	7.1	5.0	
34	8.6	6.6	4.7	3.3
36	5.9	6.3	4.6	3.2
38	5.2	6.3	4.6	3.2
38	4.5	5.6	4.5	3.2
40	4.0	5.0	4.4	3.2
42	3.4	4.4	4.3	3.1
48		3.0	3.6	3.0
50		2.6	3.2	3.0
55			2.2	2.7
60				1.9

Main boom 38 m

Radius (m)	Fixed jib length in (m)			
	11	20	26	32
15.8	t	t	t	t
24	14.6	7.5		
30	11.0	7.0	4.9	
34	7.4	6.7	4.7	3.3
36	5.7	6.1	4.6	3.2
36	5.0	6.1	4.6	3.2
38	4.4	5.5	4.5	3.2
40	3.8	4.9	4.5	3.2
44	2.8	3.8	4.3	3.1
46	2.3	3.3	3.9	3.1
50		2.5	3.1	3.0
60			1.2	1.8
65				1.0

Main boom 41 m

Radius (m)	Fixed jib length in (m)			
	11	20	26	32
16.3	t	t	t	t
24	14.4	7.5		
30	10.9	7.2	4.9	
34	7.2	6.7	4.7	3.3
36	5.5	6.0	4.7	3.2
38	4.8	6.0	4.7	3.2
38	4.2	5.3	4.6	3.2
40	3.6	4.7	4.5	3.1
44	2.6	3.6	4.2	3.1
46	2.2	3.2	3.8	3.1
48	1.8	2.7	3.3	3.0
55		1.4	2.0	2.5
60			1.2	1.7

Main boom 44 m

Radius (m)	Fixed jib length in (m)			
	11	20	23	26
16.8	t	t	t	t
26	14.2	7.2		
28	9.3	7.1	5.5	
30	8.1	7.0	5.5	4.8
34	7.0	6.6	5.4	4.7
36	5.3	6.6	5.4	4.7
36	4.6	5.8	5.3	4.6
40	3.4	4.5	4.9	4.5
44	2.4	3.5	3.8	4.1
46	2.0	3.0	3.3	3.6
50	1.2	2.2	2.5	2.8
55		1.3	1.6	1.8
60				1.0

Main boom 47 m

Radius (m)	Fixed jib length in (m)			
	11	14		
17.3	t	t		
20	13.9	11.2		
22	13.7	11.0		
24	12.0	10.9		
26	10.5	10.9		
26	9.1	9.6		
30	6.8	7.4		
34	5.1	5.6		
38	3.8	4.2		
42	2.7	3.1		
46	1.8	2.2		
48	1.4	1.8		
50	1.0	1.4		

Capacities in metric tons with fixed jib (No. 0806.xx) 32.5 t counterweight. Above lift chart is for reference only. For actual lift duty please refer to lift chart in operator's cab or manual.

Notice

