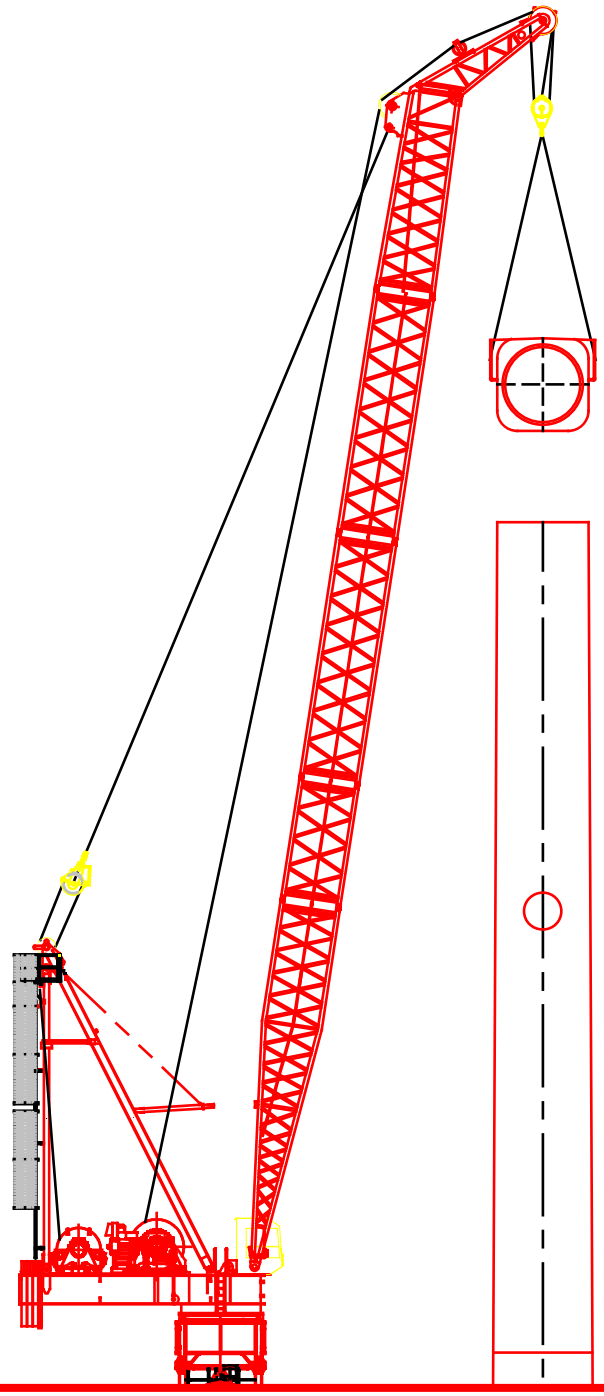
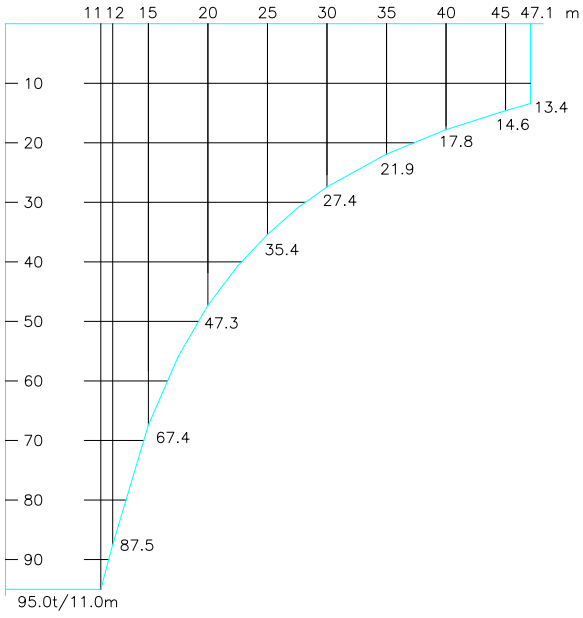
KRØLL CRANES





F.E.M 1.001-HC1/A3/E3

CE

LUFFING BOOM TOWER CRANE K760L

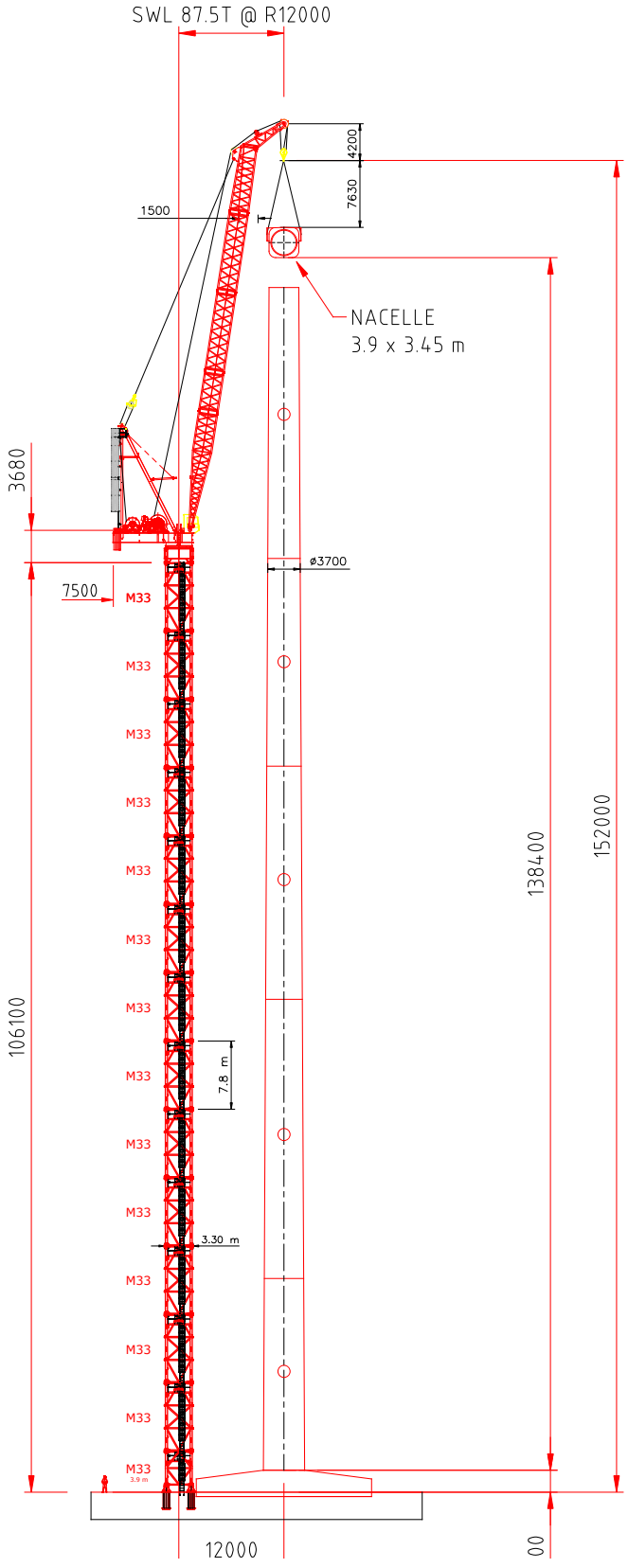
95 tonnes Max

Data sheet Version: 1.0

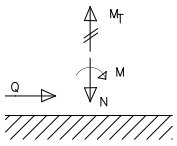
KRØLL CRANES

ERECTED DIMENSIONS

Lifts above 60 tonnes are limited to 15 m/s wind speed



BASE FORCES, 106.1 m mast



Wind speed	IN SERVICE 15 m/s	OUT OF SERVICE 45 m/s
M (kNm)	18500	31630
N (kN)	5040	3980
Q (kN)	130	480
M_T (kNm)	500	0
Corner compr. (kN)	5800	8820
Corner tension (kN)	3450	6990
Deflection, masth. (m)	1.150	1.350
Tilt, masth. (degrees)	0.850	0.800

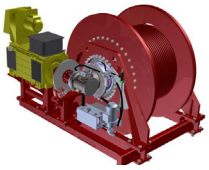
All forces are characteristic forces.
Local safety factors should be applied before using the forces.

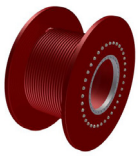
LOAD CHARTS

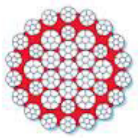
Radius	Boom Length	
	47.0 m	
	Boom Angle	3 parts
[m]	[Degrees]	[Kg]
7.1	86.0	95,000
7.5	85.5	95,000
10.0	82.5	95,000
11.0	81.2	95,000
12.0	80.0	87,500
13.0	78.7	80,000
15.0	76.2	67,400
17.5	73.0	55,900
20.0	69.8	47,300
22.5	66.4	40,700
25.0	63.0	35,400
27.5	59.4	31,000
30.0	55.6	27,400
32.5	51.7	24,400
35.0	47.4	21,900
37.5	42.8	19,700
40.0	37.7	17,800
42.5	31.8	16,100
45.0	24.3	14,600
47.1	15.0	13,400

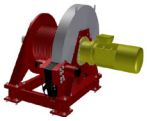
KRØLL CRANES

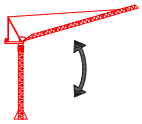
DRIVES

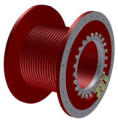
HOIST WINCH MOTOR 120 kW	3-PARTS	
	Load	Max. Speed
	0 - 5 t 5 - 35 t 35 - 95 t	20 m/min 12 m/min 6 m/min

	HOIST DRUM
	CAPACITY 500 m / 6 layers

	HOIST WIRE	
	Diameter	42 mm
	Safety Factor	4.7
	MBL	1610 kN

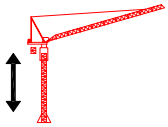
	LUFFING WINCH
	MOTOR 90 kW

LUFFING SPEEDS		
	Full Load	4:00 min

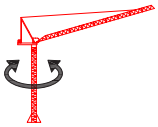
	LUFFING DRUM
	CAPACITY 200 m / 4 Layer

LUFFING WIRE	
Diameter	28 mm
Safety Factor	4.7
MBL	640 kN

	CT33 CLIMBER

CLIMBING SPEEDS		
	1 tower section up or down	1:00 hr

	SLEW DRIVE
	Motor 2 x 11 kW

SLEW SPEEDS		
	10 - 49.3 m	0 - 0.5 rpm

	POWER SUPPLY 400 - 480 V, 50/60 Hz
Consumption	200 kVA
Main Fuse	250 A
Recommended Genererator Size	400 kVA

	SUPPLY CABLE
Cable Length	**Cable Type**
0 - 120 m	4 x 120 mm²

All motion controls are completely stepless ensuring smooth and jerk-free operation.
Creeping speed down to 0.5% of maximum speed.

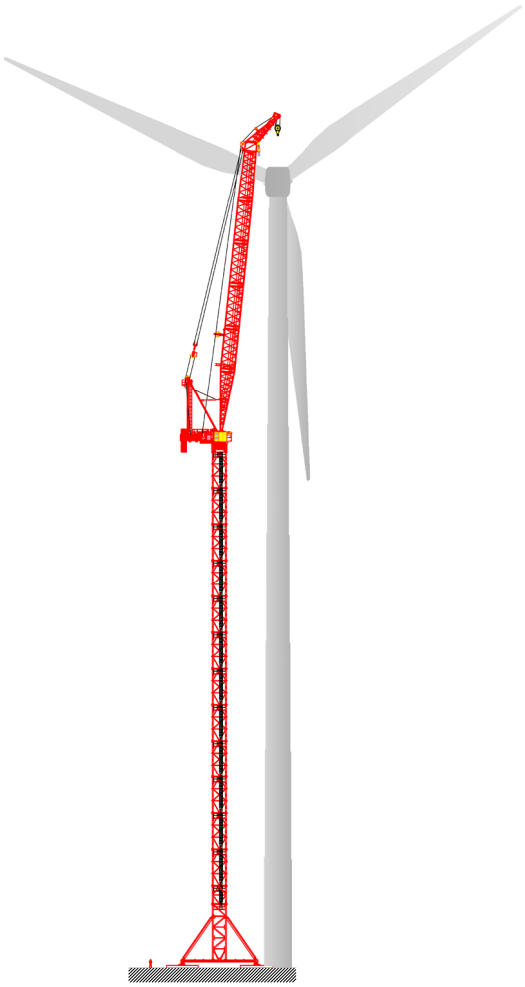
All specifications shown in the tables are for the standard version of K1500L. For special requirements regarding load charts or drive speeds, please contact Krøll Cranes A/S.

F.E.M 1.001-HC1/A3/E3 | EN 14439:2009-C25 | CE

All data is subject to alteration.

KRØLL CRANES

CONTACTS



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