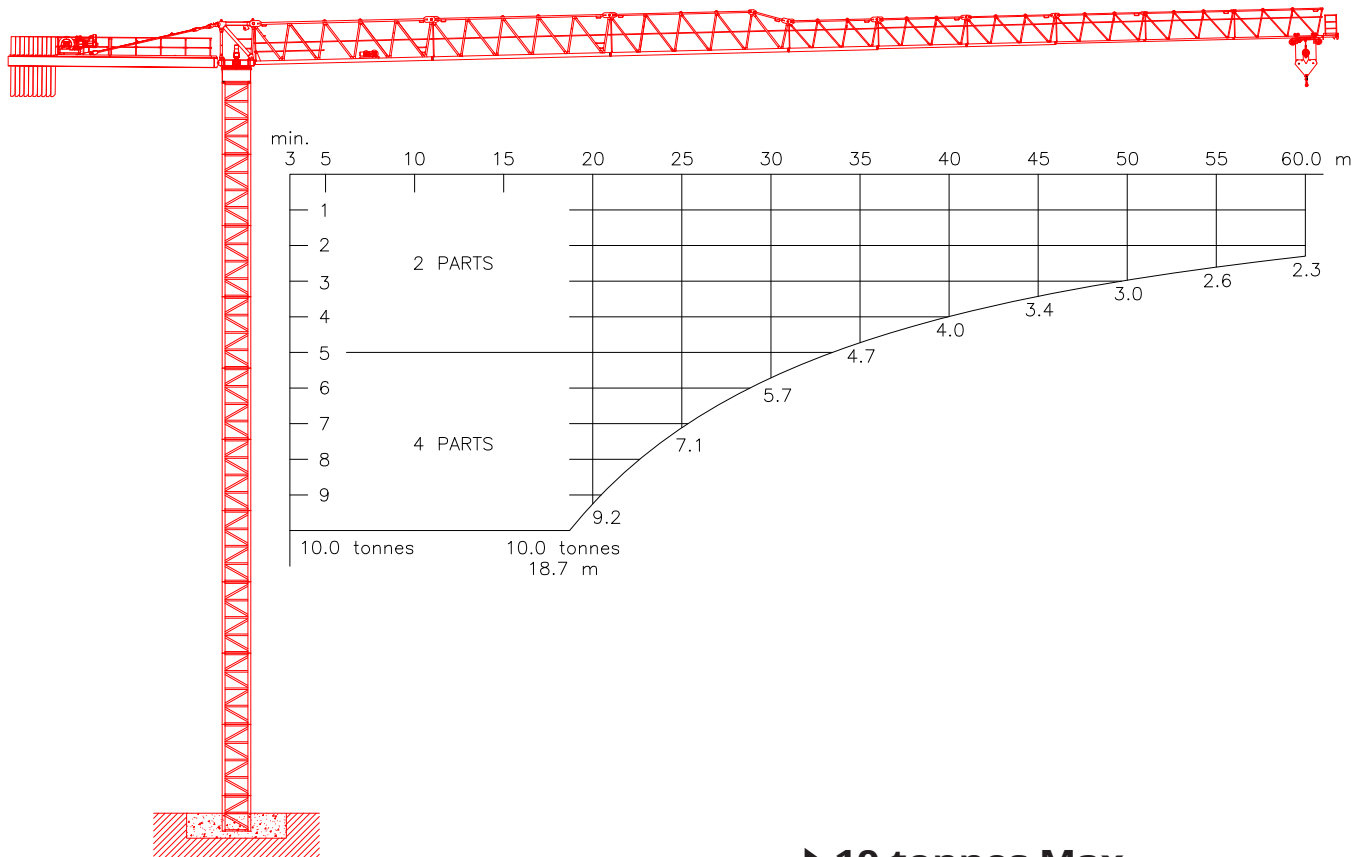




KRØLL CRANES



→ 10 tonnes Max

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



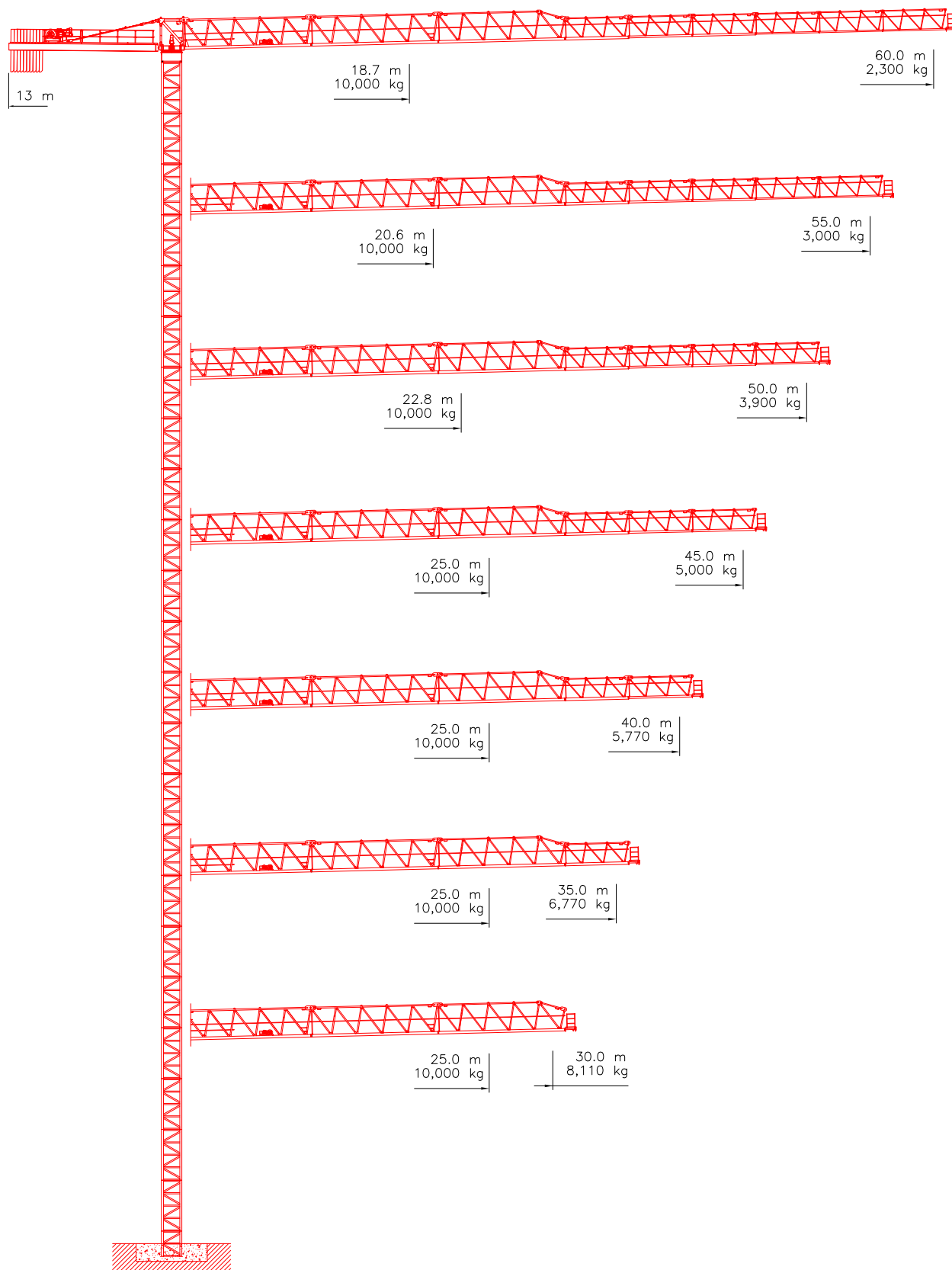
FLAT TOP TOWER CRANE

K230F

10 tonnes Max



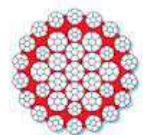
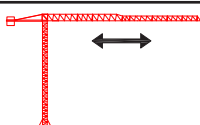
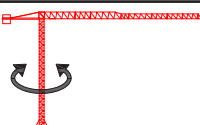
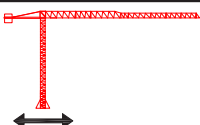
JIB CONFIGURATIONS

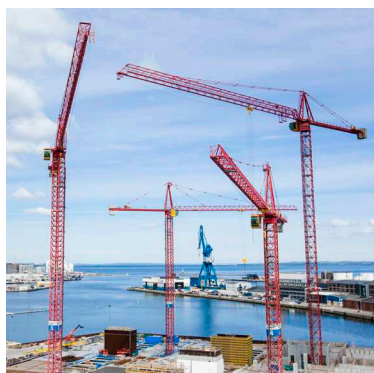




LOAD CHARTS

Radius	Jib Length													
	60.0 m		55.0 m		50.0 m		45.0 m		40.0 m		35.0 m		30.0 m	
	4 parts	2 parts	4 parts	2 parts	4 parts	2 parts	4 parts	2 parts	4 parts	2 parts	4 parts	2 parts	4 parts	2 parts
[m]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]	[kg]
14.0	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000
15.0	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000
16.0	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000
17.0	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000
18.0	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000
19.0	9,820	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000
20.0	9,250	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000
21.0	8,740	5,000	9,800	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000
22.0	8,270	5,000	9,290	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000
23.0	7,850	5,000	8,820	5,000	9,910	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000
24.0	7,470	5,000	8,390	5,000	9,440	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000
25.0	7,110	5,000	8,000	5,000	9,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000	10,000	5,000
26.0	6,790	5,000	7,640	5,000	8,600	5,000	9,560	5,000	9,560	5,000	9,570	5,000	9,570	5,000
27.0	6,490	5,000	7,310	5,000	8,230	5,000	9,150	5,000	9,160	5,000	9,160	5,000	9,160	5,000
28.0	6,210	5,000	7,000	5,000	7,890	5,000	8,780	5,000	8,780	5,000	8,780	5,000	8,780	5,000
29.0	5,950	5,000	6,710	5,000	7,580	5,000	8,430	5,000	8,430	5,000	8,440	5,000	8,440	5,000
30.0	5,710	5,000	6,450	5,000	7,280	5,000	8,100	5,000	8,100	5,000	8,110	5,000	8,110	5,000
31.0	5,490	5,000	6,200	5,000	7,000	5,000	7,800	5,000	7,800	5,000	7,810	5,000		
32.0	5,280	5,000	5,970	5,000	6,750	5,000	7,520	5,000	7,520	5,000	7,520	5,000		
33.0	5,080	5,000	5,750	5,000	6,500	5,000	7,250	5,000	7,250	5,000	7,260	5,000		
34.0	4,900	4,900	5,550	5,000	6,280	5,000	7,000	5,000	7,000	5,000	7,010	5,000		
35.0	4,730	4,730	5,350	5,000	6,060	5,000	6,760	5,000	6,770	5,000	6,770	5,000		
36.0	4,560	4,560	5,170	5,000	5,860	5,000	6,540	5,000	6,540	5,000				
37.0	4,410	4,410	5,000	5,000	5,670	5,000	6,330	5,000	6,330	5,000				
38.0	4,260	4,260	4,840	4,840	5,490	5,000	6,140	5,000	6,140	5,000				
39.0	4,120	4,120	4,680	4,680	5,320	5,000	5,950	5,000	5,950	5,000				
40.0	3,990	3,990	4,540	4,540	5,160	5,000	5,770	5,000	5,770	5,000				
41.0	3,870	3,870	4,400	4,400	5,000	5,000	5,600	5,000						
42.0	3,750	3,750	4,270	4,270	4,860	4,860	5,440	5,000						
43.0	3,640	3,640	4,140	4,140	4,720	4,720	5,290	5,000						
44.0	3,530	3,530	4,020	4,020	4,580	4,580	5,140	5,000						
45.0	3,430	3,430	3,910	3,910	4,460	4,460	5,000	5,000						
46.0	3,330	3,330	3,800	3,800	4,340	4,340								
47.0	3,230	3,230	3,700	3,700	4,220	4,220								
48.0	3,140	3,140	3,600	3,600	4,110	4,110								
49.0	3,060	3,060	3,500	3,500	4,000	4,000								
50.0	2,970	2,970	3,410	3,410	3,900	3,900								
51.0	2,890	2,890	3,320	3,320										
52.0	2,820	2,820	3,240	3,240										
53.0	2,740	2,740	3,150	3,150										
54.0	2,670	2,670	3,080	3,080										
55.0	2,610	2,610	3,000	3,000										
56.0	2,540	2,540												
57.0	2,480	2,480												
58.0	2,420	2,420												
59.0	2,360	2,360												
60.0	2,300	2,300												

HOIST WINCH MOTOR 37 kW	2-PARTS		4-PARTS			
						
	Load	Max. Speed	Load	Max. Speed		
	0 - 1.0 t 1.0 - 2.0 t 2.0 - 5.0 t	100 m/min 76 m/min 38 m/min	0 - 2.0 t 2.0 - 4.0 t 4.0 - 10.0 t	50 m/min 38 m/min 19 m/min		
	HOIST DRUM			HOIST WIRE		
	CAPACITY 350 m / 4 layers			Diameter	15 mm	
				Safety Factor	5	
				MBL	173 kN	
	TROLLEY WINCH			TROLLEY DRUM		
	MOTOR 4 kW			CAPACITY 60 m / 1 Layer		
TROLLEY SPEEDS			TROLLEY WIRE			
	0 - 10 t	0 - 70 m/min	Diameter		10 mm	
			Safety Factor		5	
			MBL		87 kN	
	SLEW DRIVE			POWER		
	Motor 2 x 7 kW			SUPPLY 400 - 480 V, 50/60 Hz		
SLEW SPEEDS			Consumption		50 kVA	
	0 - 10 t	0 - 0.7 rpm	Main Fuse		80 A	
			Recommended Generator Size		125 kVA	
	UNDERCARRIAGE			SUPPLY CABLE		
	Motor 2 x 5.5kW					
TRAVEL SPEEDS			Cable Length		Cable Type	
	0 - 10 t	0 - 20 m/min	0 - 175 m		4 x 16 mm ²	
			175 - 250 m		4 x 25 mm ²	
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 K230F. For special requirements regarding load charts or drive speeds, please contact Krøll Cranes A/S.			



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