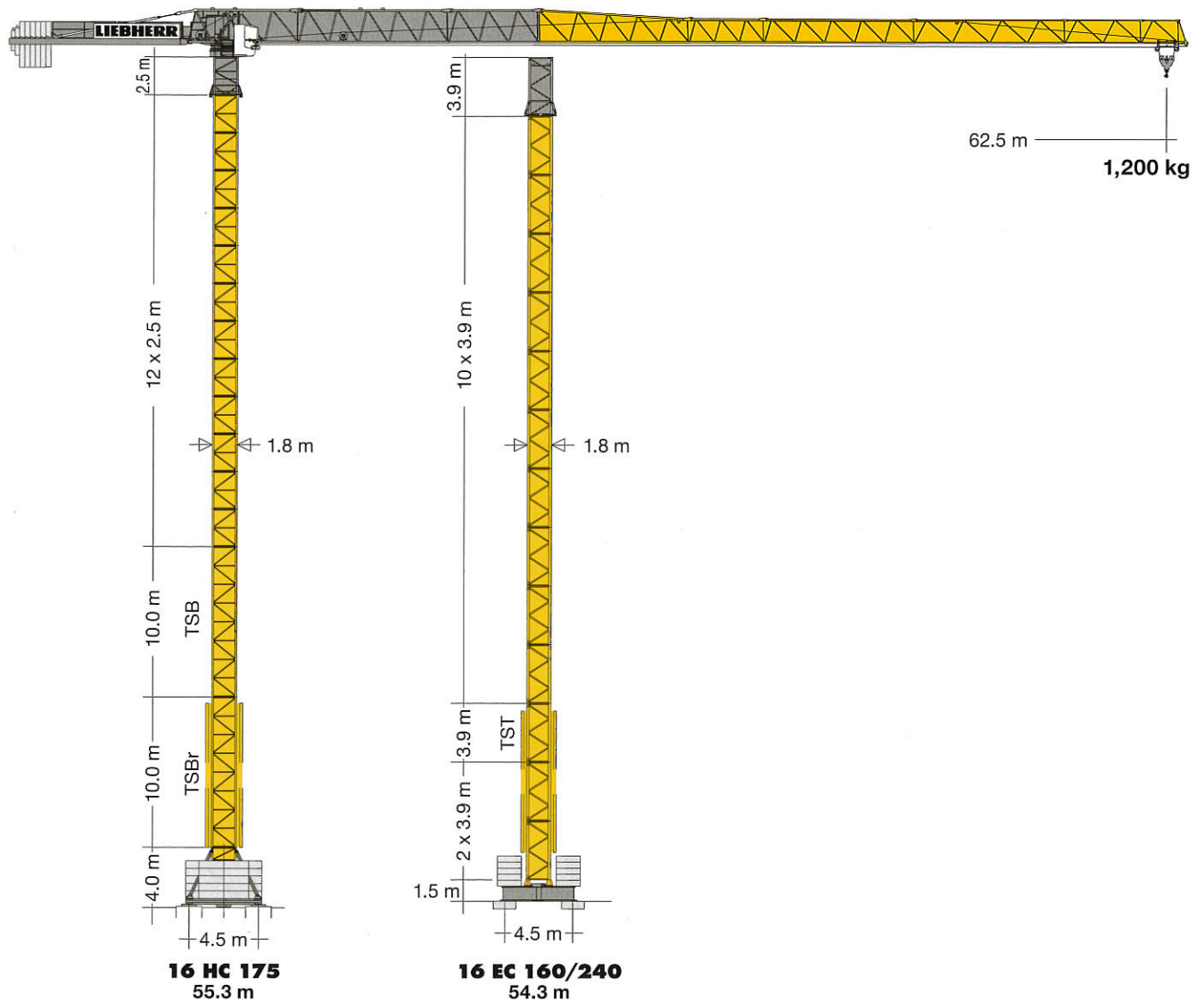


Tower Crane NC-B 6-62

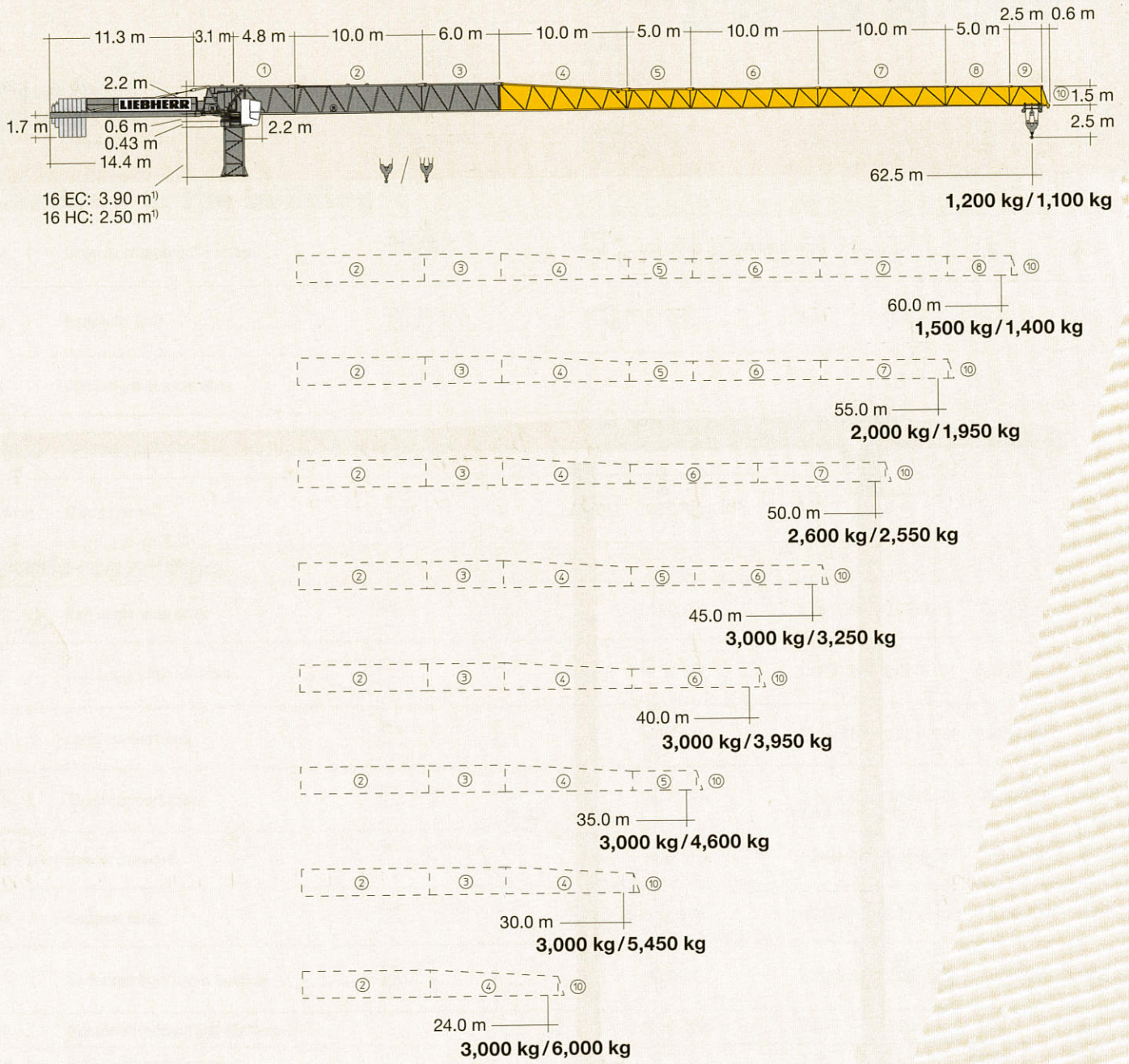
NC-B 6-62
NC-B 9-62



LN 303

LIEBHERR

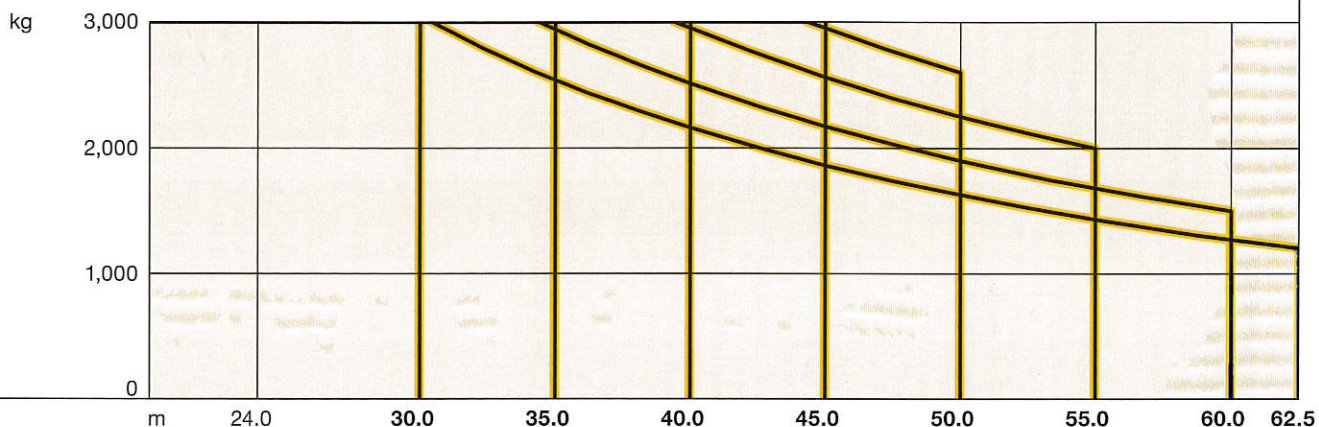
Radius and capacity



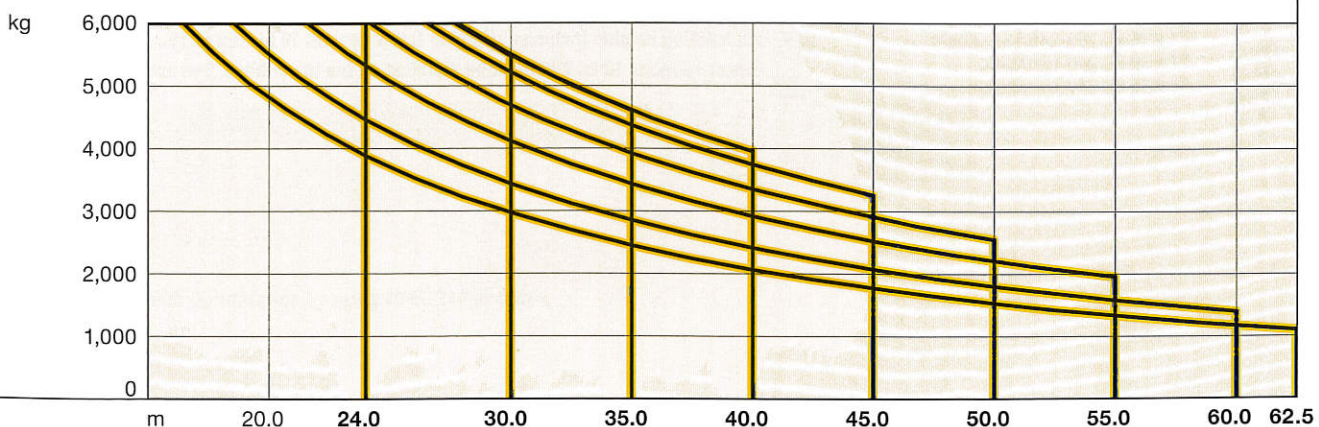
1) Tower section or climbing tower section.

Radius and capacity

m	r	m/kg	m/kg								
			24.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	62.5
62.5	(r = 63.9)	2.2 - 30.5 3,000	3,000	3,000	2,540	2,160	1,860	1,630	1,430	1,270	1,200
60.0	(r = 61.4)	2.2 - 34.4 3,000	3,000	3,000	2,940	2,510	2,170	1,900	1,680	1,500	
55.0	(r = 56.4)	2.2 - 39.4 3,000	3,000	3,000	3,000	2,950	2,560	2,250	2,000		
50.0	(r = 51.4)	2.2 - 44.3 3,000	3,000	3,000	3,000	3,000	2,950	2,600			
45.0	(r = 46.4)	2.2 - 45.0 3,000	3,000	3,000	3,000	3,000	3,000				
40.0	(r = 41.4)	2.2 - 40.0 3,000	3,000	3,000	3,000	3,000					
35.0	(r = 36.4)	2.2 - 35.0 3,000	3,000	3,000	3,000						
30.0	(r = 31.4)	2.2 - 30.0 3,000	3,000	3,000							
24.0	(r = 25.4)	2.2 - 24.0 3,000	3,000								



m	r	m/kg	m/kg									
			20.0	24.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	62.5
62.5	(r = 63.9)	2.2 - 16.4 6,000	4,790	3,880	2,970	2,450	2,060	1,770	1,530	1,330	1,170	1,100
60.0	(r = 61.4)	2.2 - 18.5 6,000	5,500	4,460	3,430	2,850	2,410	2,070	1,800	1,580	1,400	
55.0	(r = 56.4)	2.2 - 21.6 6,000	6,000	5,320	4,110	3,430	2,920	2,520	2,210	1,950		
50.0	(r = 51.4)	2.2 - 24.2 6,000	6,000	6,000	4,690	3,920	3,350	2,900	2,550			
45.0	(r = 46.4)	2.2 - 26.5 6,000	6,000	6,000	5,210	4,370	3,740	3,250				
40.0	(r = 41.4)	2.2 - 27.8 6,000	6,000	6,000	5,500	4,610	3,950					
35.0	(r = 36.4)	2.2 - 27.7 6,000	6,000	6,000	5,490	4,600						
30.0	(r = 31.4)	2.2 - 27.6 6,000	6,000	6,000	5,450							
24.0	(r = 25.4)	2.2 - 24.0 6,000	6,000	6,000								



Hoisting height

LN 303		16 EC 160/240									
13	-	53.2 ¹⁾²⁾⁴⁾	-	-	54.3 ¹⁾²⁾⁴⁾	-					
12	-	49.3 ¹⁾²⁾³⁾	-	-	50.4 ¹⁾²⁾⁴⁾	-					
11	-	45.4 ¹⁾²⁾	-	-	46.5 ¹⁾²⁾	-					
10	41.5 ¹⁾	41.5	42.4 ¹⁾	-	42.6	51.2 ¹⁾					
9	37.6	37.6	38.5	39.2 ¹⁾	38.7	47.3					
8	33.7	33.7	34.6	35.3	34.8	43.4					
7	29.8	29.8	30.7	31.4	30.9	39.5					
6	25.9	25.9	26.8	27.5	27.0	35.6					
5	22.0	22.0	22.9	23.6	23.1	31.7					
4	18.1	18.1	19.0	19.7	19.2	27.8					
3	14.2	14.2	15.1	15.8	15.3	23.9					
2	10.3	10.3	11.2	11.9	11.4	20.0					
1	6.4	6.4	7.3	8.0	7.5	16.1					
0	2.5	2.5	3.4	4.1	3.6	12.2					
	m	m	m	m	m	m					
16 EC 160 FA		20 EC 300 FA		16 EC 160 CB-0380m		16 EC 160 CB-0380dm		20 EC 300 CB-0450m		20 EC 300 CB-0450dm	

LN 303		16 HC 175		
12	-	54.6 ¹⁾	51.0 ¹⁾	
11	-	52.1 ¹⁾	48.5 ¹⁾	
10	50.3 ¹⁾	49.6	46.0	
9	47.8 ¹⁾	47.1	43.5	
8	45.3	44.6	41.0	
7	42.8	42.1	38.5	
6	40.3	39.6	36.0	
5	37.8	37.1	33.5	
4	35.3	34.6	31.0	
3	32.8	32.1	28.5	
2	30.3	29.6	26.0	
1	27.8	27.1	23.5	
0	25.3	24.6	21.0	
	m	m	m	
16 HC 175 UC-0450rd		16 HC 175 UC-0450r		16 HC 175 FAr



- ²⁾ 1 x 16 EC 160-240 TST-0390c
- ³⁾ 1 x 16 EC 240 TS-0390c
- ⁴⁾ 2 x 16 EC 240 TS-0390c



All hoisting heights inclusive climbing tower section 16 EC 160 ECTS.
Tower sections 16 EC 240 must be installed on the tower base. See operation manual for further details.

Internal climbing

Dimensions and tower height

16 EC			
pcs	tower height	he (min. – max.)	
13	50.7 ⁵⁾	8.5 – 15.0	
12	46.8 ⁵⁾	7.5 – 15.0	
11	42.9 ⁵⁾	7.5 – 15.0	
10	39.0 ⁵⁾	7.5 – 13.0	
9	35.1 ⁵⁾	7.5 – 11.5	
8	m 31.2 ⁵⁾	7.5 – 9.0	


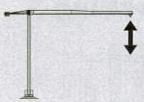


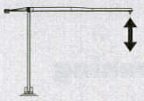


⁵⁾ Tower heights for tower configuration on foundation anchors.
For details please refer to the operating manual.

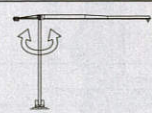

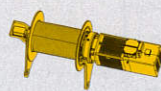
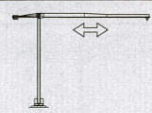
External climbing⁶⁾

	Tie-in position	Number of active tie-in's	Hook height
⑬	← 226.5	6	256.0
⑫	← 210.9	6	240.4
⑪	← 195.3	5	224.8
⑩	← 179.7	5	209.2
⑨	← 164.1	4	193.6
⑧	← 148.5	4	178.0
⑦	← 132.9	3	162.4
⑥	← 117.3	3	146.8
⑤	← 101.7	2	131.2
④	← 86.1	2	115.6
③	← 66.6	2	100.0
②	← 47.1	1	80.5
①	← m 27.6	1	61.0
			m 41.5

⁶⁾ All data's calculated with 16 EC 160. Optimization by using 16 EC 240 possible.

Driving units

	↔ stepless							
	kg		m/min		kg		m/min	
24.0 kW FU WIW 230 MZ 426 7 Layers  247.0 m / 123.0 m max. 288.0 m / 144.0 m ⁷⁾	 3,000 1,100	0 ↔ 38 0 ↔ 91	 6,000 2,400	0 ↔ 19 0 ↔ 46				
30.0 kW FU WIW 240 MZ 410 10 Layers  501.0 m / 250.0 m	 3,000 1,000	0 ↔ 46 0 ↔ 115	 6,000 2,400	0 ↔ 23 0 ↔ 57				





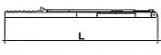





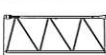



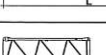

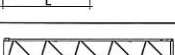

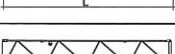

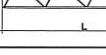









	0 ↔ 0.6 U/min	2 x 5.0 kW FU	 kVA		24 kW FU	30 kW FU
	0 ↔ 60.0 m/min	5.5 kW FU		39.0	44.0	

⁷⁾ Further hoist load data: see instruction manual.









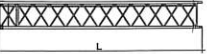

Packing List

Erection weights: see instruction manual.



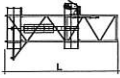



Upper part of crane

Item	Qty.		L (m)	W (m)	H (m)	kg		
1	1	Slewing platform with slewing ring and slewing ring support 16 EC			2.40	2.28	1.84	3,400
2	1	Cabin with platform			2.54	1.54	2.29	650
3	1	Counter-jib			11.90	1.33	0.62	2,700
4	1	Jib heel section including control unit and hoist winch (removable)			7.85	2.12	2.45	① 3,860
5	1	Intermediate jib section			10.29	1.23	2.31	② 2,180
6	1	Intermediate jib section			6.26	1.15	2.25	③ 880
7	1	Intermediate jib section			10.25	1.15	2.24	④ 1,130
8	1	Intermediate jib section			5.24	1.15	1.66	⑤ 540
9	1	Intermediate jib section			10.21	1.15	1.63	⑥ 890
10	1	Intermediate jib section			10.17	1.15	1.60	⑦ 640
11	1	Intermediate jib section			5.15	1.15	1.57	⑧ 260
12	1	Intermediate jib section			2.65	1.15	1.57	⑨ 150
13	1	Jib head section			1.04	1.17	1.80	⑩ 100
14	1	Trolley			1.62	1.36	0.78	180
15	1	Hook			1.06	0.26	0.94	320











Tower

16	1	Climbable tower section			16 EC 160 TS-0390bc	4.19	1.73	1.68	1,550
					16 HC 175 TS-0250c	2.50	1.80	1.80	1,090
					16 HC 175 TS-0500c	5.00	1.80	1.80	1,830
17	1	Tower section			16 EC 160 TS-1170b	11.99	1.64	1.64	3,620
					16 HC 175 TS-1000c	10.00	1.80	1.80	3,430
					16 HC 175 TS-1250c	12.50	1.80	1.80	4,200
18	1	Transition tower section			16 EC 160 – 16 EC 240 TST-0390bc	4.21	1.76	1.68	2,100
					16 HC 175 TS-0250c	2.50	1.80	1.80	1,090
					16 HC 175 TS-0500c	5.00	1.80	1.80	1,830
19	1	Climbable tower section			16 EC 240 TS-0390bc	4.21	1.76	1.68	2,050
					16 HC 175 TS-0250c	2.50	1.80	1.80	1,090
					16 HC 175 TS-0500c	5.00	1.80	1.80	1,830
20	1	Tower section			16 EC 240 TS-1170b	12.01	1.64	1.64	5,050
					16 HC 175 TS-1000c	10.00	1.80	1.80	3,430
					16 HC 175 TS-1250c	12.50	1.80	1.80	4,200





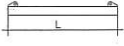



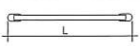

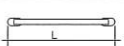



Climbing equipment

Item	Qty.			L (m)	W (m)	H (m)	kg		
21	1	Climbing tower section			16 EC 160 ECTS-0390b 4.19 16 HC 175 ECTS-0250 2.75	2.11 2.20	2.11 2.45	1,800 1,450	
22	1	Guide section			16 EC 160 ECGSb	8.83	3.39	4.13	4,230
23	1	Hydraulic unit			16 ECPb	2.37	1.24	0.81	670

Climbing in the building

24	1	Internal climbing D-section			16 EC 240 ICDS-0390b	4.21	1.76	1.93	2,520
25	1	Hydraulic unit			16 ECPb	2.37	1.24	0.81	670
26	1	Climbing cross member				1.65	0.24	0.76	340
27	1	Tower reinforcement				1.38	0.76	0.26	50
28	1	Guide frame			16 EC 240 ICGFb	2.20	2.31	1.41	1,030

Undercarriage

29	2	Rail bogie with drive			16 HC 175	1.38 (1.46)	0.88(0.84)	0.87(0.87)	900 (920)
30	2	Rail bogie without drive			16 HC 175	1.17 (1.15)	0.60(0.60)	0.87(0.87)	860 (880)
31	1	Long support arm			16 HC 175	7.12 (7.12)	0.78 (0.78)	0.65(0.65)	950(1,000)
32	2	Short support arm			16 HC 175	3.45(3.45)	0.56(0.56)	0.55(0.55)	410 (450)
33	2+2	Border support			16 HC 175	4.02(4.02)	0.35(0.35)	0.12 (0.12)	370 (370)
34	4	Support strut			16 HC 175	3.78(3.78)	0.15 (0.15)	0.32(0.32)	200 (300)
35	1	Undercarriage tower section			16 HC 175	3.50(3.50)	2.06(2.06)	2.06(2.06)	1,500(1,750)
36	1	Bundle of ladders and platforms			16 HC 175	3.50	1.20	1.00	1,000
37	1	Crate with small parts				2.00	1.00	1.00	2,000

Cruciform base

38	1	Support arm 1			16 EC 160 CB-0380bm 5.75 20 EC 300 CB-0450bm 6.86 16 HC 175 CB-0460 7.20	0.78 0.87 0.78	1.19 1.43 1.06	2,260 3,270 3,100
39	1	Support arm 2			16 EC 160 CB-0380bm 5.75 20 EC 300 CB-0450bm 6.86 16 HC 175 CB-0460 7.20	0.71 0.71 0.69	1.19 1.43 1.15	2,440 3,980 3,500
40	2	Border support			16 EC 160 CB-0380bm 3.42 20 EC 300 CB-0450bm 4.07 16 HC 175 CB-0460 4.25	0.24 0.28 0.65	0.56 0.76 0.27	175 340 370

Subject to technical modifications!
This information is supplied without liability.

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