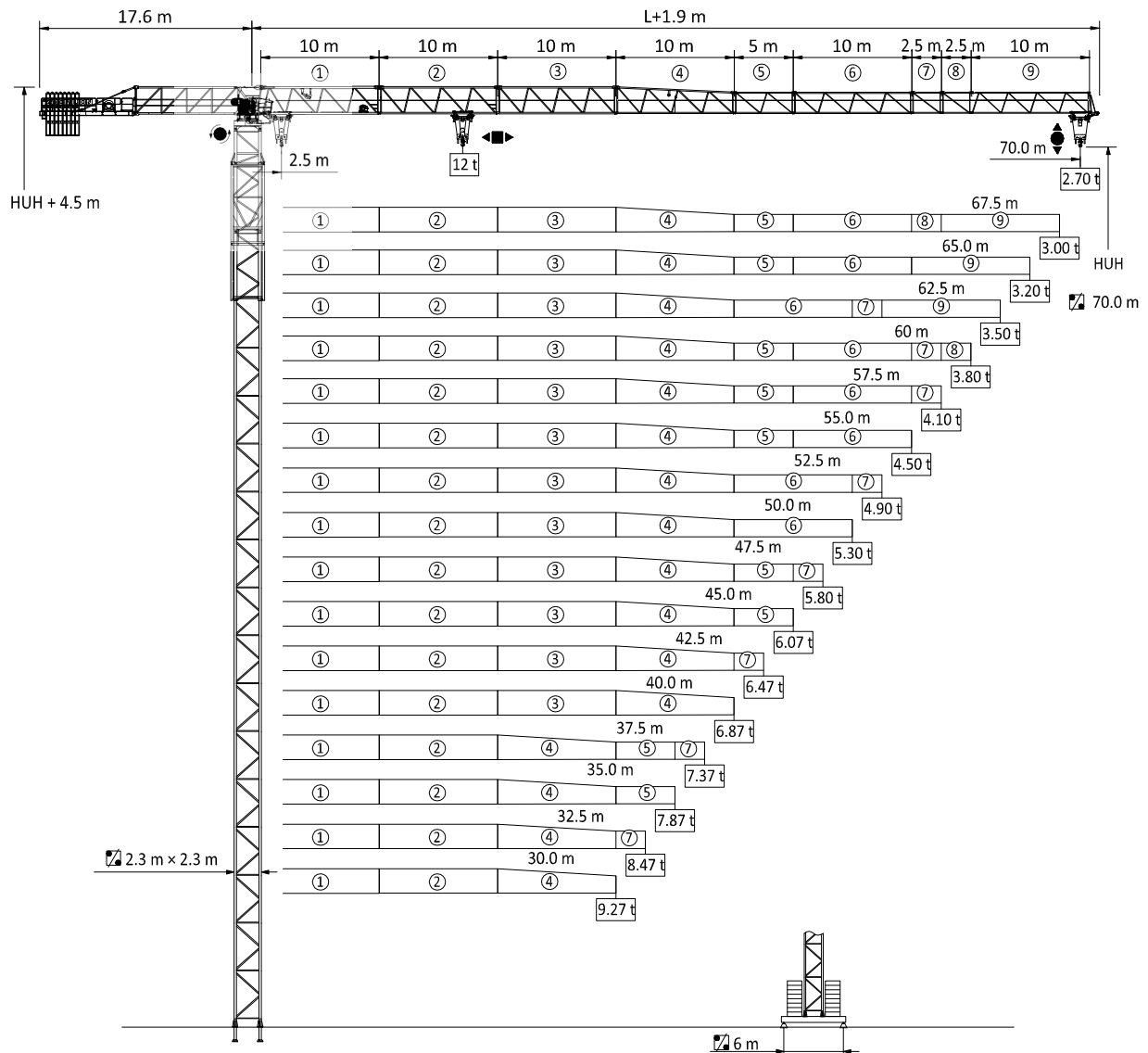
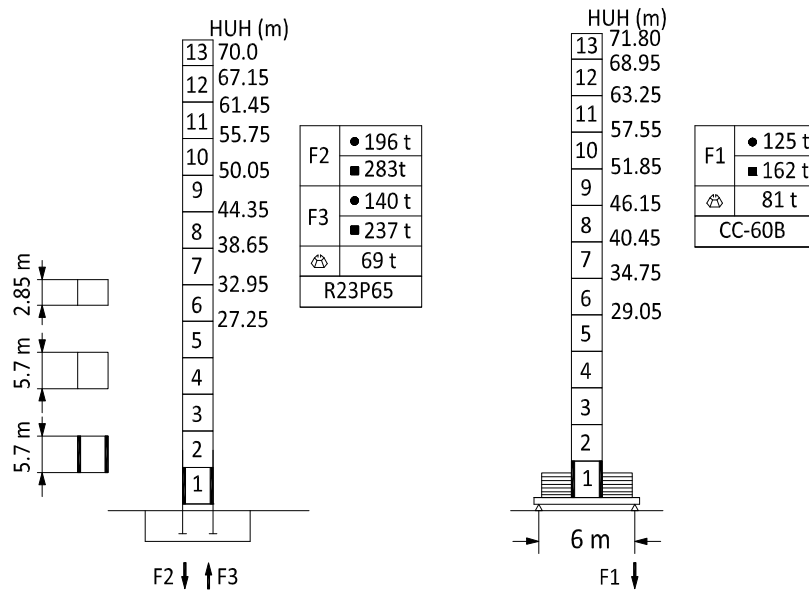


R275-12

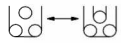
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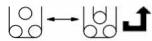
Mast - Reactions/ Mast - Fundament

 2.3m - RB R275-12RB


Load diagrams / Lastkurven



 m		m / t	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0
70.0		2.8~ 37.8/6.0	6.00	6.00	6.00	6.00	6.00	5.61	4.85	4.24	3.75	3.34	2.99	2.70
		2.8~20.8/12.0	12.00	12.00	9.66	7.78	6.46	5.47	4.71	4.11	3.61	3.21	2.86	2.57
65.0		2.8~39.7/6.0	6.00	6.00	6.00	6.00	6.00	5.94	5.14	4.51	3.99	3.56	3.20	
		2.8~21.8/12.0	12.00	12.00	10.21	8.24	6.84	5.81	5.01	4.38	3.86	3.43	3.07	
60.0		2.8~41.7/6.0	6.00	6.00	6.00	6.00	6.00	6.00	5.46	4.80	4.25	3.80		
		2.8~22.8/12.0	12.00	12.00	10.80	8.72	7.26	6.17	5.33	4.66	4.12	3.67		
55.0		2.8~43.6/6.0	6.00	6.00	6.00	6.00	6.00	6.00	5.77	5.07	4.50			
		2.8~23.8/12.0	12.00	12.00	11.36	9.19	7.65	6.51	5.63	4.94	4.37			
50.0		2.8~45.2/6.0	6.00	6.00	6.00	6.00	6.00	6.00	6.00	5.30				
		2.8~24.7/12.0	12.00	12.00	11.83	9.58	7.99	6.80	5.89	5.17				
45.0		2.8~45.0/6.0	6.00	6.00	6.00	6.00	6.00	6.00	6.00					
		2.8~25.3/12.0	12.00	12.00	12.00	9.84	8.21	7.00	6.07					
40.0		2.8~40.0/6.0	6.00	6.00	6.00	6.00	6.00	6.00						
		2.8~24.9/12.0	12.00	12.00	11.94	9.66	8.06	6.87						
35.0		2.8~35.0/6.0	6.00	6.00	6.00	6.00	6.00							
		2.8~24.4/12.0	12.00	12.00	11.66	9.44	7.87							
30.0		2.8~30.0/6.0	6.00	6.00	6.00	6.00								
		2.8~24.0/12.0	12.00	12.00	11.46	9.27								



 m		m / t	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0
70.0		2.8~40.9/6.0	6.00	6.00	6.00	6.00	6.00	6.00	5.33	4.66	4.12	3.67	3.29	2.97
		2.8~22.5/12.0	12.00	12.00	10.63	8.56	7.10	6.02	5.18	4.52	3.98	3.53	3.15	2.82
65.0		2.8~42.9/6.0	6.00	6.00	6.00	6.00	6.00	6.00	5.66	4.96	4.39	3.92	3.52	
		2.8~23.6/12.0	12.00	12.00	11.24	9.06	7.53	6.39	5.51	4.81	4.24	3.77	3.37	
60.0		2.8~45.1/6.0	6.00	6.00	6.00	6.00	6.00	6.00	6.00	5.27	4.68	4.18		
		2.8~24.8/12.0	12.00	12.00	11.88	9.59	7.98	6.79	5.86	5.13	4.53	4.03		
55.0		2.8~47.1/6.0	6.00	6.00	6.00	6.00	6.00	6.00	6.00	5.58	4.95			
		2.8~25.9/12.0	12.00	12.00	12.00	10.10	8.42	7.17	6.20	5.43	4.80			
50.0		2.8~48.8/6.0	6.00	6.00	6.00	6.00	6.00	6.00	6.00	5.83				
		2.8~26.8/12.0	12.00	12.00	12.00	10.53	8.78	7.48	6.48	5.68				
45.0		2.8~45.0/6.0	6.00	6.00	6.00	6.00	6.00	6.00	6.00					
		2.8~27.5/12.0	12.00	12.00	12.00	10.83	9.03	7.70	6.67					
40.0		2.8~40.0/6.0	6.00	6.00	6.00	6.00	6.00	6.00						
		2.8~27.0/12.0	12.00	12.00	12.00	10.63	8.86	7.55						
35.0		2.8~35.0/6.0	6.00	6.00	6.00	6.00	6.00							
		2.8~26.5/12.0	12.00	12.00	12.00	10.38	8.65							
30.0		2.8~30.0/6.0	6.00	6.00	6.00	6.00								
		2.8~26.1/12.0	12.00	12.00	12.00	10.19								

Mechanisms / Antriebe

400 V(±10%) 50Hz											kW	
	H45FL30-690A(CE)	t	0.75	1.5	3.0	6.0	1.5	3.0	6.0	12.0	45	690 m
		m/min	155	117	77.5	39	77.5	58.5	39.0	19.5		
	S75CA-130LB12/14A (CE) + S75CN-130LB12/14A (CE)	r/min	0 - 0.8								2×7.5	
	T55FC70-b(CE)	m/min	0 - 100								5.5	
			65.5 kW									

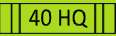
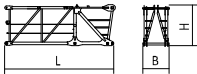
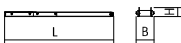
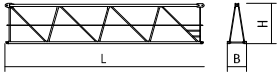
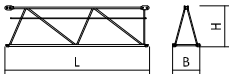
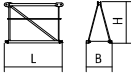
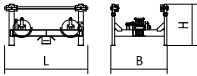
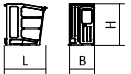
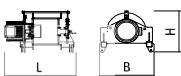
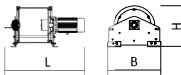
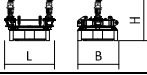
Counter-jib ballast / Gegenauslegerballast

m	3.0 t	2.5 t	1.3 t	t	PHZ2800	PHZ2000	PHZ1300
70.0 m	7	1	0	23.5			
65.0 m	7	0	1	22.3			
60.0 m	6	1	1	21.8			
55.0 m	6	1	0	20.5			
50.0 m	6	0	1	19.3			
45.0 m	6	0	0	18.0			
40.0 m	5	0	1	16.3			
35.0 m	4	0	1	13.3			
30.0 m	4	0	0	12.0	(mm)	(mm)	(mm)

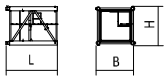
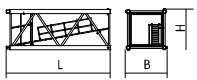
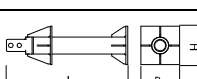
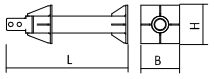
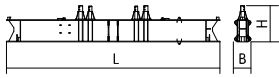
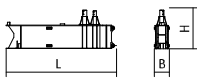
Central ballast / Zentralballast

2.3m - RB	CC-60B	HUH (m)	11.95	17.65	23.35	29.05	34.75	40.45	46.15	51.85	57.55	63.25	68.95	71.80
	(t)		60	60	60	60	80	80	80	100	120	120	140	140

Dimensions and weight / Abmessungen und Gewicht

 Slewing crane part / Drehteil  x4  x4		L (m)	B (m)	H (m)	kg (±5%)
Counter-jib Gegenausleger	 ①	10.95	1.27	2.48	3770
	 ②	8.13	2.59	0.56	2660
Jib section Auslegerelement	 ③	10.32	1.15	2.45	3170
	②	10.27	1.15	2.41	2440
	④	10.23	1.15	2.38	1840
	⑤	10.18	1.15	2.35	1390
	⑥	10.17	1.15	1.86	1000
	⑨	10.15	1.15	1.82	570
	 ④	5.18	1.15	1.84	550
	 ⑦	2.68	1.15	1.86	230
	⑧	2.68	1.15	1.86	230
	 ⑩	0.85	1.15	2.08	110
Trolley Laufkatze		2.10	1.89	1.00	400
Pulley block Hakenflasche		1.07	0.36	1.80	530
Cabin Kabine		2.08	1.30	2.16	480
Hoisting mechanism Hubwerk	 H45FL30-690A (CE)	2.72	1.40	1.20	3067
Trolleying mechanism Katzfahrwerk	 T55FC70-b (DCE)	1.22	0.73	0.59	480
Slewing assembly Drehrahme	  2.3 m	2.30	2.44	2.38	5380

R275-12

Crane tower / Kranturm		L (m)	B (m)	H (m)	kg (±5%)
Tower section Turmelement	 2.3 m - RBH	3.06	2.30	2.30	1580
	 2.3 m - RB	5.91	2.30	2.30	3160
	 2.3 m - RBJ	5.91	2.30	2.30	3380
Fixing angles Fundamentanker	 R23P65	1.72	0.55	0.55	4×303
Main beam Kreuzrahmer langer Arm		9.51	0.76	1.65	6181
Main beam Kreuzrahmer kurzer Arm		3.19	0.45	1.10	2×982