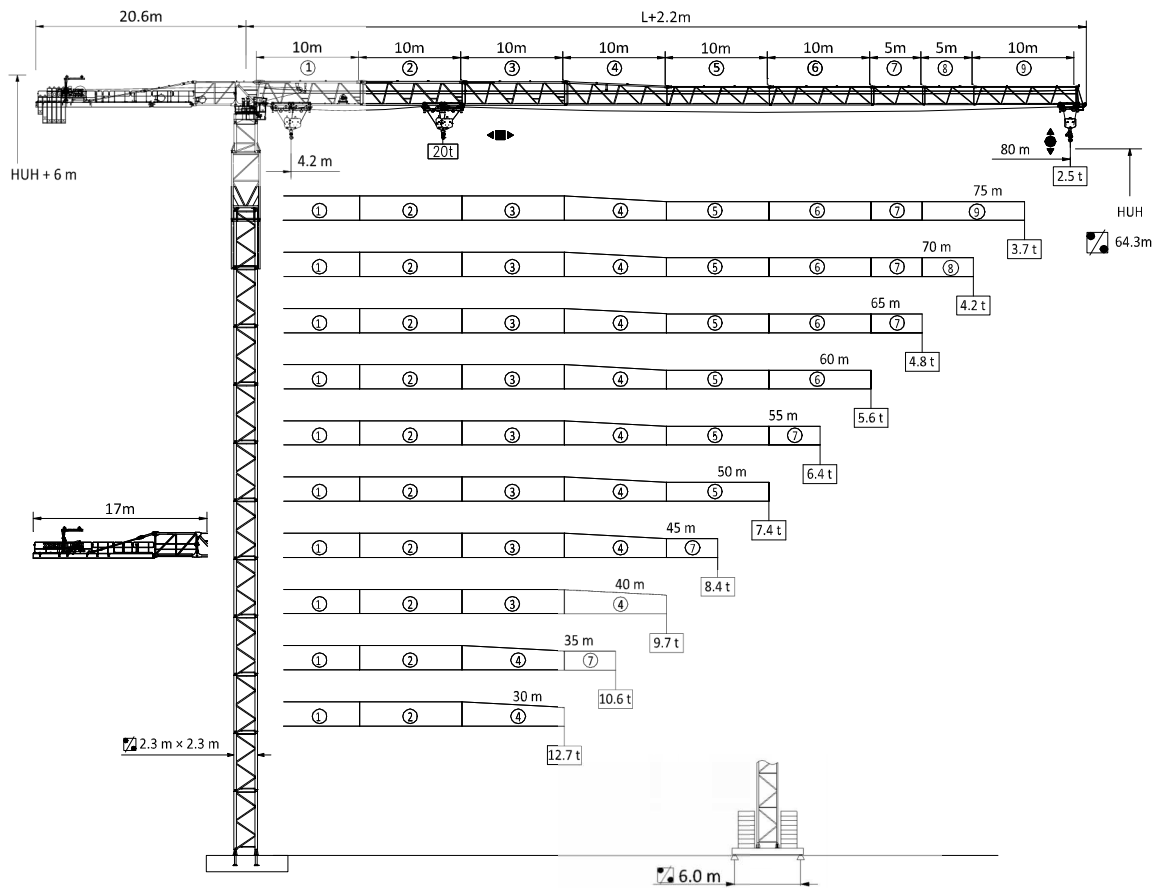


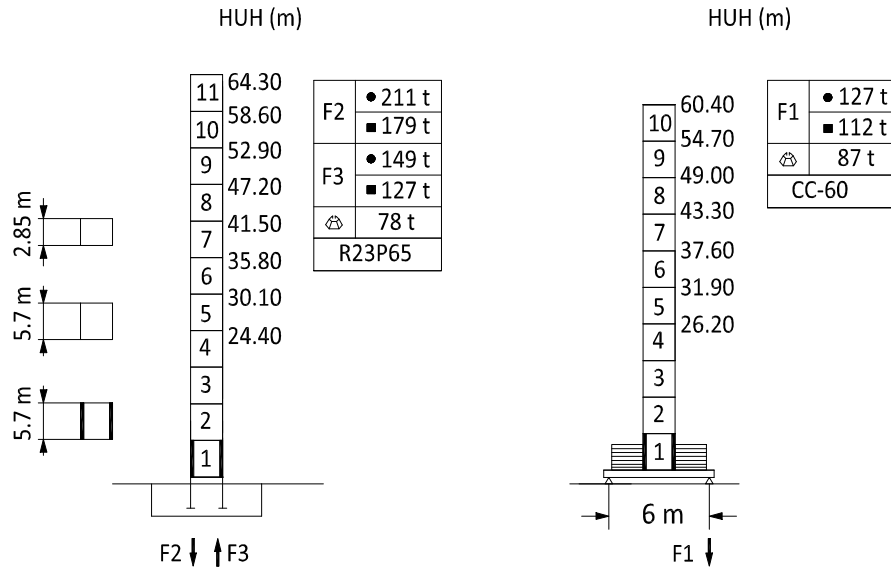
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EN 14439 C25



Mast – Reactions&Anchorages / Mast –Fundament Ecklasten

2.3m – RB R370-20RB



Load diagrams / Lastkurven

 m	m / t		10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0
80.0		5.2~26.4 /10.0	10.00	10.00	10.00	10.00	8.60	7.18	6.12	5.31	4.66	4.13	3.69	3.33	3.01	2.74	2.50
		4.2~14.0 /20.0	20.00	18.36	12.98	9.87	7.84	6.41	5.36	4.54	3.89	3.37	2.93	2.56	2.25	1.97	1.74
75.0		5.2~32.6 /10.0	10.00	10.00	10.00	10.00	10.00	9.22	7.91	6.89	6.09	5.43	4.89	4.43	4.04	3.70	
		4.2~17.1 /20.0	20.00	20.00	16.68	12.81	10.29	8.51	7.20	6.19	5.38	4.73	4.18	3.72	3.33	2.99	
70.0		5.2~33.6 /10.0	10.00	10.00	10.00	10.00	10.00	9.55	8.19	7.15	6.32	5.64	5.08	4.60	4.20		
		4.2~17.6 /20.0	20.00	20.00	17.27	13.28	10.67	8.84	7.49	6.44	5.61	4.93	4.37	3.90	3.49		
65.0		5.2~34.8 /10.0	10.00	10.00	10.00	10.00	10.00	9.92	8.52	7.43	6.57	5.87	5.29	4.80			
		4.2~18.2 /20.0	20.00	20.00	17.94	13.80	11.11	9.21	7.81	6.73	5.86	5.16	4.58	4.09			
60.0		5.2~36.4 /10.0	10.00	10.00	10.00	10.00	10.00	10.00	8.99	7.85	6.95	6.21	5.60				
		4.2~19.1 /20.0	20.00	20.00	18.91	14.57	11.74	9.75	8.28	7.14	6.24	5.50	4.89				
55.0		5.2~37.3 /10.0	10.00	10.00	10.00	10.00	10.00	10.00	9.25	8.08	7.15	6.40					
		4.2~19.5 /20.0	20.00	20.00	19.45	15.00	12.10	10.06	8.54	7.37	6.45	5.69					
50.0		5.2~38.4 /10.0	10.00	10.00	10.00	10.00	10.00	10.00	9.56	8.36	7.40						
		4.2~20.1 /20.0	20.00	20.00	20.00	15.50	12.51	10.41	8.85	7.65	6.69						
45.0		5.2~38.6 /10.0	10.00	10.00	10.00	10.00	10.00	10.00	9.61	8.40							
		4.2~20.2 /20.0	20.00	20.00	20.00	15.58	12.58	10.47	8.90	7.69							
40.0		5.2~38.9 /10.0	10.00	10.00	10.00	10.00	10.00	10.00	9.70								
		4.2~20.3 /20.0	20.00	20.00	20.00	15.73	12.70	10.57	8.99								
35.0		5.2~35.0 /10.0	10.00	10.00	10.00	10.00	10.00	10.00									
		4.2~20.4 /20.0	20.00	20.00	20.00	15.76	12.73	10.59									
30.0		5.2~30.0 /10.0	10.00	10.00	10.00	10.00	10.00										
		4.2~24.7 /16.0	20.00	20.00	20.00	15.78	12.74										

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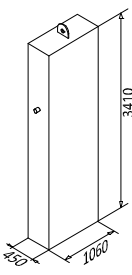
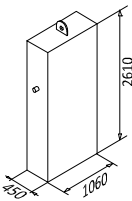
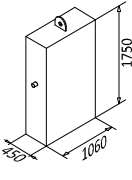
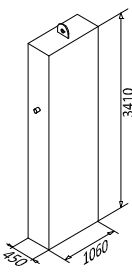
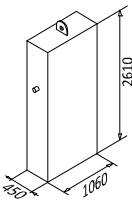
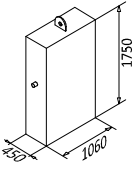


 m		m / t	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0
80.0		5.2~28.6/10.0	10.00	10.00	10.00	10.00	9.46	7.90	6.73	5.84	5.12	4.54	4.06	3.66	3.31	3.01	2.75
		4.2~15.1/20.0	20.00	20.00	14.28	10.85	8.62	7.06	5.89	5.00	4.28	3.70	3.22	2.82	2.47	2.17	1.91
75.0		5.2~35.4/10.0	10.00	10.00	10.00	10.00	10.00	10.00	8.70	7.58	6.70	5.98	5.38	4.87	4.44	4.07	
		4.2~18.6/20.0	20.00	20.00	18.34	14.09	11.32	9.37	7.92	6.80	5.92	5.20	4.60	4.09	3.66	3.29	
70.0		5.2~36.5/10.0	10.00	10.00	10.00	10.00	10.00	10.00	9.01	7.86	6.95	6.20	5.59	5.06	4.62		
		4.2~19.1/20.0	20.00	20.00	19.00	14.60	11.74	9.73	8.24	7.08	6.17	5.42	4.81	4.29	3.84		
65.0		5.2~37.8/10.0	10.00	10.00	10.00	10.00	10.00	10.00	9.37	8.18	7.23	6.46	5.82	5.28			
		4.2~19.8/20.0	20.00	20.00	19.73	15.18	12.22	10.13	8.59	7.40	6.45	5.68	5.04	4.50			
60.0		5.2~39.6/10.0	10.00	10.00	10.00	10.00	10.00	10.00	9.89	8.63	7.64	6.83	6.16				
		4.2~20.7/20.0	20.00	20.00	20.00	16.03	12.92	10.73	9.11	7.86	6.86	6.05	5.38				
55.0		5.2~40.6/10.0	10.00	10.00	10.00	10.00	10.00	10.00	10.00	8.89	7.87	7.04					
		4.2~21.2/20.0	20.00	20.00	20.00	16.50	13.31	11.06	9.40	8.11	7.09	6.26					
50.0		5.2~41.8/10.0	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.19	8.14						
		4.2~21.8/20.0	20.00	20.00	20.00	17.05	13.76	11.45	9.74	8.41	7.36						
45.0		5.2~42.0/10.0	10.00	10.00	10.00	10.00	10.00	10.00	10.00	9.24							
		4.2~21.9/20.0	20.00	20.00	20.00	17.14	13.84	11.51	9.79	8.46							
40.0		5.2~40.0/10.0	10.00	10.00	10.00	10.00	10.00	10.00	10.00								
		4.2~22.1/20.0	20.00	20.00	20.00	17.31	13.97	11.63	9.89								
35.0		5.2~35.0/10.0	10.00	10.00	10.00	10.00	10.00	10.00									
		4.2~22.1/20.0	20.00	20.00	20.00	17.34	14.00	11.65									
30.0		5.2~30.0/10.0	10.00	10.00	10.00	10.00	10.00										
		4.2~22.1/16.0	20.00	20.00	20.00	17.36	14.02										

Mechanisms / Antriebe

400 V (± 10 %) 50 Hz									kW		
	H75FL50-880(CE)	t	2.5	5.0	10.0	5.0	10.0	20.0	75.0	880 m 	
		m/min	144	115	58	72	58	29			
	S75CA-130.146LB14/12A(CE) S75CN-130.146LB14/12A(CE)	r/min	0 - 0.79						2×7.5		
	T75FC80-b(DCE)	m/min	0 - 117						7.5		
											
			97.5kW								

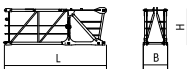
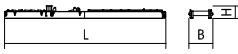
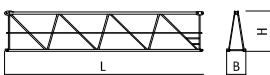
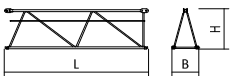
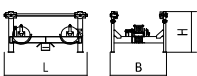
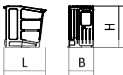
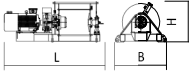
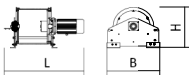
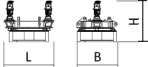
Counter-jib ballast /Gegenballast

 m	 m	3.9 t	3.0 t	2.0 t	 (t)	PHZ3900A(J)	PHZ3000S(J)	PHZ2000R(J)
80.0	21	6	1	0	26.4			
75.0		6	1	0	26.4			
70.0		5	1	1	24.5			
65.0		5	1	1	24.5			
60.0		6	0	0	23.4			
55.0		5	0	1	21.5			
50.0		5	0	0	19.5			
45.0	17	5	1	0	22.5			
40.0		4	1	1	20.6			
35.0		5	0	0	19.5			
30.0		3	1	1	16.7			

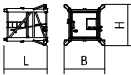
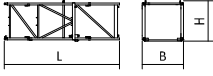
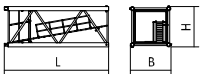
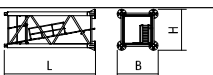
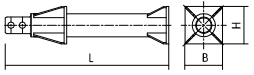
Central ballast / Zentralballast

 2.3m - RB	CC-60		HUH (m)					
	Jib length (m)		31.90	37.60	43.30	49.00	54.70	60.40
								
	80	 (t)	60	60	80	80	100	140
	75		80	80	100	120	140	140
	70		80	100	100	120	140	140
	65		80	80	100	120	140	140
	60		80	100	100	120	140	
	55		80	100	100	120	140	
	50		80	100	120	140	140	
	45		100	100	120	140	140	
	40		100	100	120	140	140	
	35		100	100	120	140	140	
	30		100	120	120	140	140	

Dimensions and weight / Abmessungen und Gewicht

Slewing crane part / Drehteil		L (m)	B (m)	H (m)	kg(±5%)	
Counter-jib Gegenausleger		6.83	1.64	2.51	3940	
		2.70	1.71	0.63	1110	
		11.5	3.20	0.65	4100	
Jib section Auslegerelement		①	10.40	1.40	2.50	3310
		②	10.40	1.40	2.50	2400
		③	10.40	1.40	2.50	1930
		④	10.30	1.40	2.40	1490
		⑤	10.30	1.40	1.90	1210
		⑥	10.20	1.40	1.90	900
		⑨	10.21	1.40	1.90	380
		⑦	5.18	1.40	1.62	390
		⑧	5.18	1.40	1.62	380
		⑩	1.00	1.40	1.90	160
Pulley block Hakenflasche		1.80	2.00	0.60	600	
		1.80	2.00	0.60	710	
Trolley Laufkatze		2.04	1.71	1.01	680	
Cabin Kabine		2.08	1.30	2.16	480	
Hoisting mechanism Hubwerk	 H75FL50-880(CE)	2.92	1.52	1.14	2460	
Trolleying mechanism Katzfahrwerk	 T75FC80-b(DCE)	1.44	0.88	0.67	420	
Slewing assembly Drehrahme	 2.3 m	5.70	2.80	2.90	9000	

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Crane tower / Kranturm			L (m)	B (m)	H (m)	kg (±5%)
Transition section Übergangsstück		 2.3 m -RBRg	3.06	2.91	2.91	2440
Climbing tower section Kletterturmstück		 2.3 m	11.60	3.10	2.88	6920
Tower section Turmstück		 2.3 m -RB	5.91	2.30	2.30	3170
		 2.3 m - RBJ	5.91	2.30	2.30	3390
		 2.3 m - RBJA	5.91	2.66	2.66	4150
Fixing angles Fundamentanker		R23P65	1.72	0.39	0.39	4×245