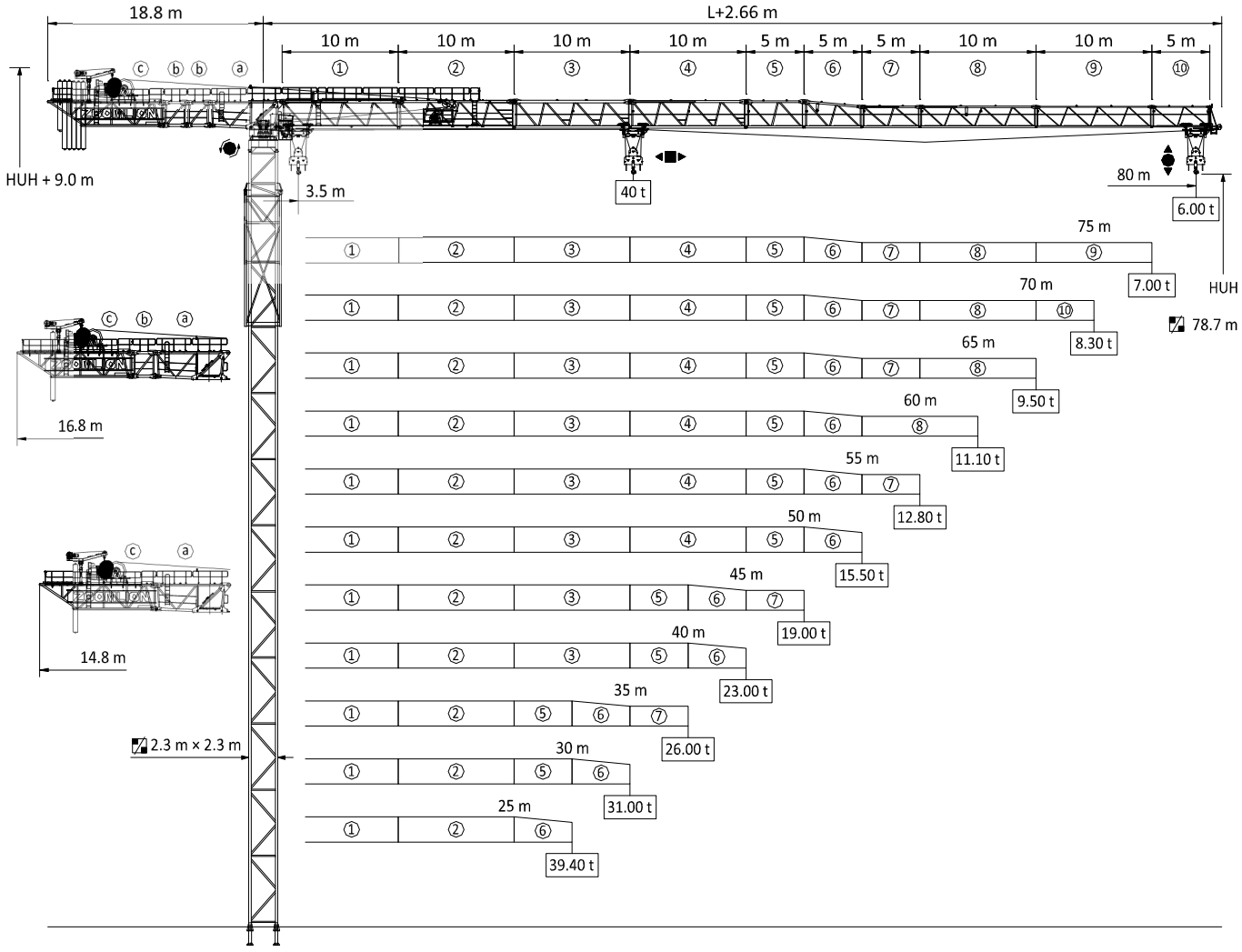
ZOOMLION

QnQ Solutions

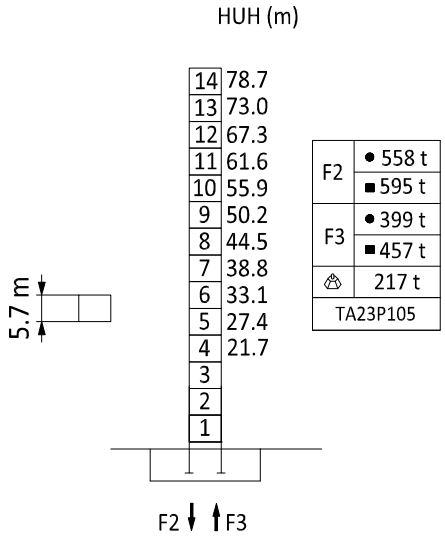
R800-40

EN 14439 C25

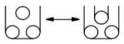


Mast - Reactions/ Mast - Reaktionskräfte

2.3m - WX R800-40VD



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	75.0	80.0
80.0	3.5~32.6 /20.00	20.00	20.00	20.00	20.00	18.34	15.54	13.38	11.67	10.28	9.13	8.16	7.33	6.62	6.00
	3.5~18.2 /40.00	40.00	35.59	27.15	21.70	17.89	15.09	12.93	11.22	9.83	8.68	7.71	6.88	6.17	5.55
75.0	3.5~33.8 /20.00	20.00	20.00	20.00	20.00	19.18	16.26	14.02	12.24	10.80	9.60	8.60	7.74	7.00	
	3.5~18.8 /40.00	40.00	37.11	28.34	22.68	18.73	15.81	13.57	11.79	10.35	9.15	8.15	7.29	6.55	
70.0	3.5~35.5 /20.00	20.00	20.00	20.00	20.00	20.00	17.26	14.90	13.03	11.52	10.26	9.20	8.30		
	3.5~19.7 /40.00	40.00	39.21	29.99	24.03	19.88	16.81	14.45	12.58	11.07	9.81	8.75	7.85		
65.0	3.5~36.3 /20.00	20.00	20.00	20.00	20.00	20.00	17.75	15.34	13.42	11.87	10.58	9.50			
	3.5~20.1 /40.00	40.00	40.00	30.80	24.70	20.44	17.30	14.89	12.97	11.42	10.13	9.05			
60.0	3.5~37.6 /20.00	20.00	20.00	20.00	20.00	20.00	18.54	16.03	14.05	12.44	11.10				
	3.5~20.8 /40.00	40.00	40.00	32.10	25.77	21.35	18.09	15.58	13.60	11.99	10.65				
55.0	3.5~38.4 /20.00	20.00	20.00	20.00	20.00	20.00	19.05	16.48	14.45	12.80					
	3.5~21.2 /40.00	40.00	40.00	32.93	26.46	21.94	18.60	16.03	14.00	12.35					
50.0	3.5~40.6 /20.00	20.00	20.00	20.00	20.00	20.00	20.00	17.65	15.50						
	3.5~22.4 /40.00	40.00	40.00	35.11	28.25	23.46	19.92	17.20	15.05						
45.0	3.5~43.1 /20.00	20.00	20.00	20.00	20.00	20.00	20.00	19.00							
	3.5~23.7 /40.00	40.00	40.00	37.62	30.32	25.21	21.44	18.55							
40.0	3.5~40.0 /20.00	20.00	20.00	20.00	20.00	20.00	20.00								
	3.5~25.0 /40.00	40.00	40.00	40.00	32.27	26.87	22.89								
35.0	3.5~35.0 /20.00	20.00	20.00	20.00	20.00	20.00									
	3.5~24.3 /40.00	40.00	40.00	38.59	31.11	25.89									
30.0	3.5~30.0 /20.00	20.00	20.00	20.00	20.00										
	3.5~24.1 /40.00	40.00	40.00	38.32	30.89										
25.0	3.5~25.0 /20.00	20.00	20.00	20.00											
	3.5~24.6 /40.00	40.00	40.00	39.28											

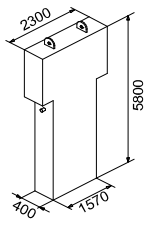
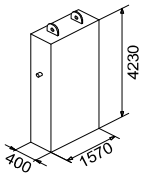
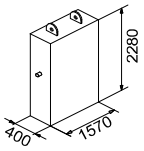
R800-40

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	75.0	80.0
80.0	3.5~35.3 /20.00	20.00	20.00	20.00	20.00	20.00	16.96	14.62	12.76	11.25	10.00	8.95	8.05	7.28	6.60
	3.5~19.6 /40.00	40.00	38.87	29.69	23.78	19.64	16.59	14.24	12.38	10.88	9.63	8.57	7.68	6.90	6.23
75.0	3.5~36.6 /20.00	20.00	20.00	20.00	20.00	20.00	17.77	15.34	13.40	11.83	10.53	9.44	8.51	7.70	
	3.5~20.3 /40.00	40.00	40.00	31.03	24.88	20.58	17.40	14.96	13.03	11.46	10.16	9.07	8.13	7.33	
70.0	3.5~38.3 /20.00	20.00	20.00	20.00	20.00	20.00	18.89	16.32	14.29	12.63	11.26	10.11	9.13		
	3.5~21.3 /40.00	40.00	40.00	32.87	26.39	21.86	18.52	15.95	13.91	12.26	10.89	9.74	8.76		
65.0	3.5~39.2 /20.00	20.00	20.00	20.00	20.00	20.00	19.45	16.81	14.73	13.03	11.63	10.45			
	3.5~21.8 /40.00	40.00	40.00	33.79	27.14	22.50	19.07	16.44	14.35	12.66	11.26	10.08			
60.0	3.5~40.6 /20.00	20.00	20.00	20.00	20.00	20.00	20.00	17.59	15.43	13.67	12.21				
	3.5~22.5 /40.00	40.00	40.00	35.24	28.34	23.52	19.96	17.22	15.05	13.29	11.84				
55.0	3.5~41.6 /20.00	20.00	20.00	20.00	20.00	20.00	20.00	18.10	15.88	14.08					
	3.5~23.0 /40.00	40.00	40.00	36.19	29.12	24.18	20.53	17.73	15.51	13.71					
50.0	3.5~43.9 /20.00	20.00	20.00	20.00	20.00	20.00	20.00	19.41	17.05						
	3.5~24.3 /40.00	40.00	40.00	38.62	31.11	25.87	22.00	19.03	16.68						
45.0	3.5~45.0 /20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00							
	3.5~25.7 /40.00	40.00	40.00	40.00	33.40	27.82	23.69	20.53							
40.0	3.5~40.0 /20.00	20.00	20.00	20.00	20.00	20.00	20.00								
	3.5~27.1 /40.00	40.00	40.00	40.00	35.58	29.67	25.30								
35.0	3.5~35.0 /20.00	20.00	20.00	20.00	20.00	20.00									
	3.5~26.3 /40.00	40.00	40.00	40.00	34.33	28.60									
30.0	3.5~30.0 /20.00	20.00	20.00	20.00	20.00										
	3.5~26.1 /40.00	40.00	40.00	40.00	34.10										
25.0	3.5~25.0 /20.00	20.00	20.00	20.00											
	3.5~25.0 /40.00	40.00	40.00	40.00											

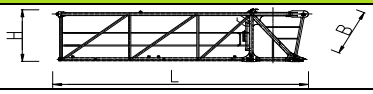
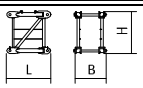
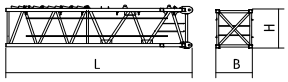
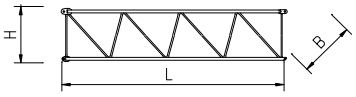
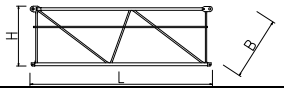
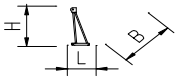
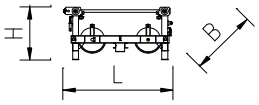
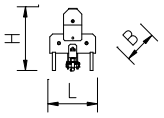
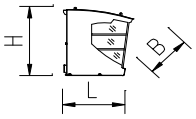
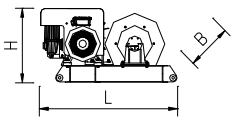
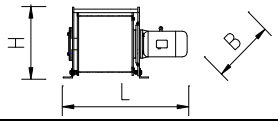
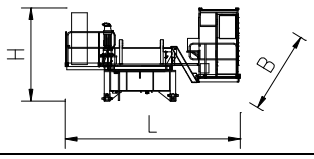
Mechanisms / Antriebe

400 V (± 10 %) 50 Hz											kW	
	H110FL100-1110D(CE)	t	2.5	5	10	20	5	10	20	40	110	1110 m
		m/min	140	105	70	35	70	52.5	35	17.5		
	S75CA-130.195LB14/13A(CE) S75CN-130.195LB14/13A(CE)	r/min	0 - 0.58								4×7.5	
	T185FC85-b(CE)	m/min	0 - 70								18.5	
			158.5 kW									

Counter-jib ballast / Gegenballast

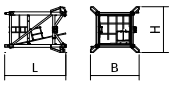
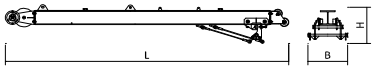
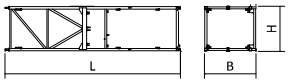
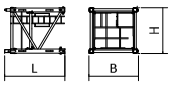
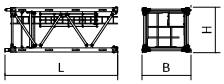
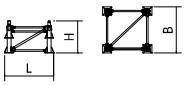
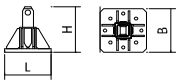
m	m	10.0 t	6.5 t	3.5 t	(t)	PHZ10000E	PHZ6500D	PHZ3500M
80.0	18.8	5	1	0	56.5	 (mm)	 (mm)	 (mm)
75.0		5	1	0	56.5			
70.0		5	0	1	53.5			
65.0	16.8	6	0	1	63.5			
60.0		5	1	1	60.0			
55.0		5	1	0	56.5			
50.0		5	1	0	56.5			
45.0	14.8	6	0	1	63.5			
40.0		6	0	1	63.5			
35.0		5	0	1	53.5			
30.0		4	1	1	50.0			
25.0		4	1	0	46.5			

Dimensions and weight / Abmessungen und Gewicht

Slewing crane part / Drehteil			L (m)	B (m)	H (m)	kg (±5%)
Counter-jib Gegenauslegeer		ⓐ	6.42	1.59	2.51	6852
		ⓑ	2.38	1.57	2.43	2×2556
		Ⓒ	10.19	1.99	2.00	6853
Jib section Auslegerelement		G1 G2 G3 G4 G8 G9	10.39 10.14 10.42 10.15 10.28 10.25	1.76 1.40 1.40 1.40 1.40 1.40	2.84 2.70 2.52 2.50 1.94 1.88	6511 3036 3950 3014 1683 976
		G5 G6 G7 G10	5.37 5.12 5.28 5.10	1.40 1.40 1.40 1.40	2.47 2.45 1.93 1.88	1462 1395 1077 413
		Jib end	1.15	1.68	2.48	209
Trolley Laufkatze			2.63	1.75	1.24	1435
Pulley block Hakenflashe			1.53	0.6	2.36	1271
Cabin Kabine			2.10	1.30	2.25	800
Hoisting mechanism Hubwerk		H110FL100-1110D(CE)	3.72	2.68	1.85	7900
Trolleying mechanism Katzfahrwerk			2.08	0.98	1.05	1720
Slewing assembly Drehrahme		X23Z2532A	6.05	3.10	3.76	17000

Crane tower / Kranturm	L (m)	B (m)	H (m)	kg (±5%)

R800-40

Transition section Übergangsstück		X23Z2532Rg	6.17	2.30	2.30	10580
Mounting device Einführungssystem		W1000-50.1 9	7.77	0.57	0.61	2700
Climbing tower section Kletterturmstück		W1000-50VD .11	11.80	3.44	3.23	15110
Tower section Turmstück		W1000-50.0 8	3.32	2.44	2.29	5710
		X23Z2532A X23Z2532Ra	6.17 6.17	2.30 2.30	2.44 2.44	9460 9370
Fixing angles Fundamentanker		TW23P105	2.25	2.50	2.50	4300
		TA23P105SW	1.08	0.80	0.80	890