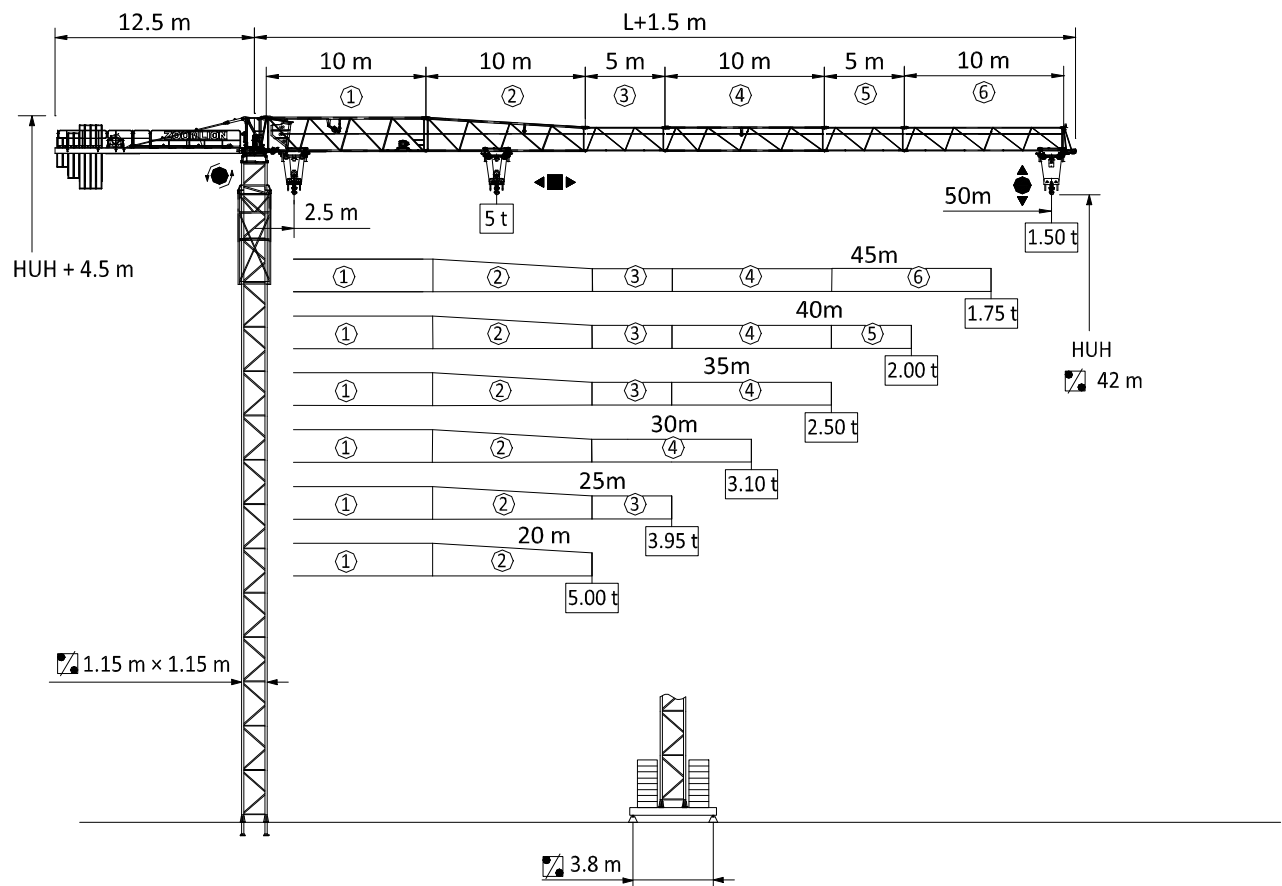


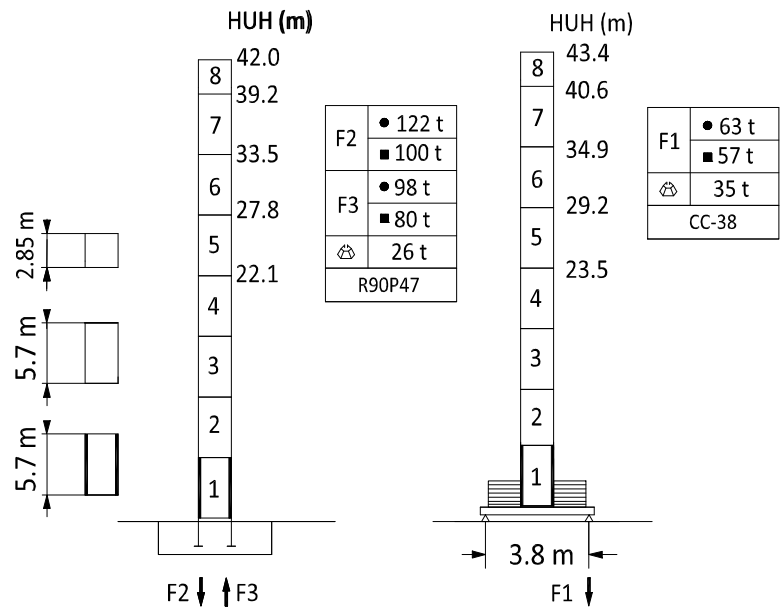
R90-5 EN 14439 C25



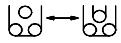
Mast – Reactions / Mast – Fundament



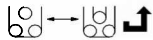
1.15m – RE R90-5RE



Load diagrams / Lastkurven



 m		m / t	17.5	20.0	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5	45.0	47.5	50.0
50.0		2.5~34.2/2.5	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.43	2.22	2.04	1.88	1.74	1.61	1.50
		2.5~19.2/5.0	5.00	4.76	4.13	3.64	3.23	2.90	2.62	2.38	2.17	1.99	1.83	1.69	1.56	1.45
45.0		2.5~34.4/2.5	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.44	2.23	2.05	1.89	1.75		
		2.5~19.3/5.0	5.00	4.78	4.15	3.65	3.25	2.91	2.63	2.39	2.18	2.00	1.84	1.70		
40.0		2.5~33.7/2.5	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.38	2.18	2.00				
		2.5~18.9/5.0	5.00	4.67	4.06	3.57	3.17	2.84	2.57	2.33	2.12	1.95				
35.0		2.5~35.0/2.5	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50						
		2.5~19.6/5.0	5.00	4.88	4.24	3.73	3.32	2.98	2.69	2.45						
30.0		2.5~30.0/2.5	2.50	2.50	2.50	2.50	2.50	2.50								
		2.5~20.2/5.0	5.00	5.00	4.40	3.87	3.45	3.10								
25.0		2.5~25.0/2.5	2.50	2.50	2.50	2.50										
		2.5~20.5/5.0	5.00	5.00	4.48	3.95										
20.0		2.5~20.0/2.5	2.50	2.50												
		2.5~20.0/5.0	5.00	5.00												



 m		m / t	17.5	20.0	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5	45.0	47.5	50.0
50.0		2.5~34.2/2.5	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.44	2.25	2.07	1.91	1.77	1.65
		2.5~19.2/5.0	5.00	5.00	4.54	4.00	3.56	3.19	2.88	2.61	2.39	2.19	2.01	1.85	1.72	1.59
45.0		2.5~34.4/2.5	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.46	2.26	2.08	1.93		
		2.5~19.3/5.0	5.00	5.00	4.57	4.02	3.57	3.20	2.89	2.63	2.40	2.20	2.02	1.87		
40.0		2.5~33.7/2.5	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.40	2.20				
		2.5~18.9/5.0	5.00	5.00	4.46	3.93	3.49	3.13	2.82	2.56	2.34	2.14				
35.0		2.5~35.0/2.5	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50						
		2.5~19.6/5.0	5.00	5.00	4.67	4.11	3.65	3.28	2.96	2.69						
30.0		2.5~30.0/2.5	2.50	2.50	2.50	2.50	2.50	2.50								
		2.5~20.2/5.0	5.00	5.00	4.84	4.26	3.79	3.41								
25.0		2.5~25.0/2.5	2.50	2.50	2.50	2.50										
		2.5~20.5/5.0	5.00	5.00	4.92	4.34										
20.0		2.5~20.0/2.5	2.50	2.50												
		2.5~20.0/5.0	5.00	5.00												

Mechanisms / Antriebe

400 V (± 10 %) 50 Hz							kW	
	H25FC15-440(CE)	t	0.63	2.5	1.25	5	25	440 m 
		m/min	100	40	50	20		
	S75C6A-150LB12/16A(CE)	r/min	0 - 0.76				7.5	
	T30FC60-b(DCE)	m/min	0 - 100				3.0	
								
			35.5kW					

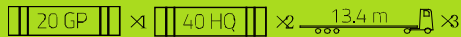
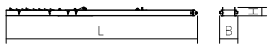
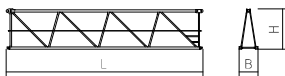
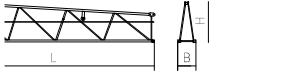
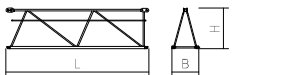
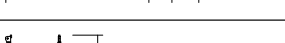
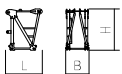
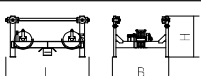
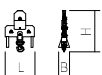
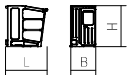
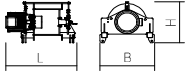
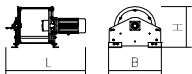
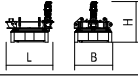
Counter-jib ballast / Gegenballast

m	2.0 t	1.3 t	t	PHZ2000G	PHZ1300F
50.0	6	1	13.3		
45.0	6	0	12.0		
40.0	5	1	11.3		
35.0	5	0	10.0		
30.0	4	1	9.3		
25.0	4	0	8.0		
20.0	3	1	7.3		

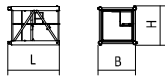
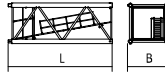
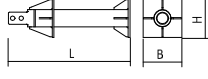
Central ballast / Zentralballast

1.15m – RE	CC-38	HUH (m)	20.6	26.3	32.0	37.7	43.4
	(t)		60.0	60.0	70.0	80.0	90.0

Dimensions and weight / Abmessungen und Gewicht

 Slewing crane part / Drehteil 		L (m)	B (m)	H (m)	kg (±5%)
Counter-jib Gegenausleger		11.83	1.15	0.61	2590
Jib section Auslegerelement	 ①	10.13	0.99	2.38	1716
	 ④	10.17	0.98	1.62	751
	 ⑥	10.15	0.98	1.57	477
	 ②	10.18	0.98	2.23	1122
	 ③	5.16	0.98	1.57	522
	 ⑤	5.16	0.98	1.57	271
	 ⑦	0.87	0.98	1.77	94
Tower head Turmspitze		1.67	1.62	2.00	736
Trolley Laufkatze		1.92	1.67	0.90	284
Pulley block Hakenflasche		0.93	0.36	1.54	292
Cabin Kabine		2.08	1.30	2.16	480
Hoisting mechanism Hubwerk	 H25FC15-440(CE)	1.75	1.05	0.81	920
Trolleying mechanism Katzfahrwerk	 T30FC60-b(DCE)	1.17	0.73	0.60	273
Slewing assembly Drehrahme	  1.15 m	1.65	1.65	2.23	2070

R90-5

Crane tower / Kranturm		L (m)	B (m)	H (m)	kg (±5%)
Tower section Turmelement	 1.15 m - REA	3.00	1.15	1.15	965
	 1.15 m - RE	5.90	1.15	1.15	1620
	 1.15 m - REJ	5.90	1.15	1.15	1700
Fixing angles Fundamentanker	 R90P47	1.20	0.34	0.34	4×126
Whole beam Kreuzrahmer langer Arm	 L B	6.39	0.73	1.50	3387
Semi-beam Kreuzrahmer kurzer Arm	 L B	2.88	0.73	1.50	2×1645