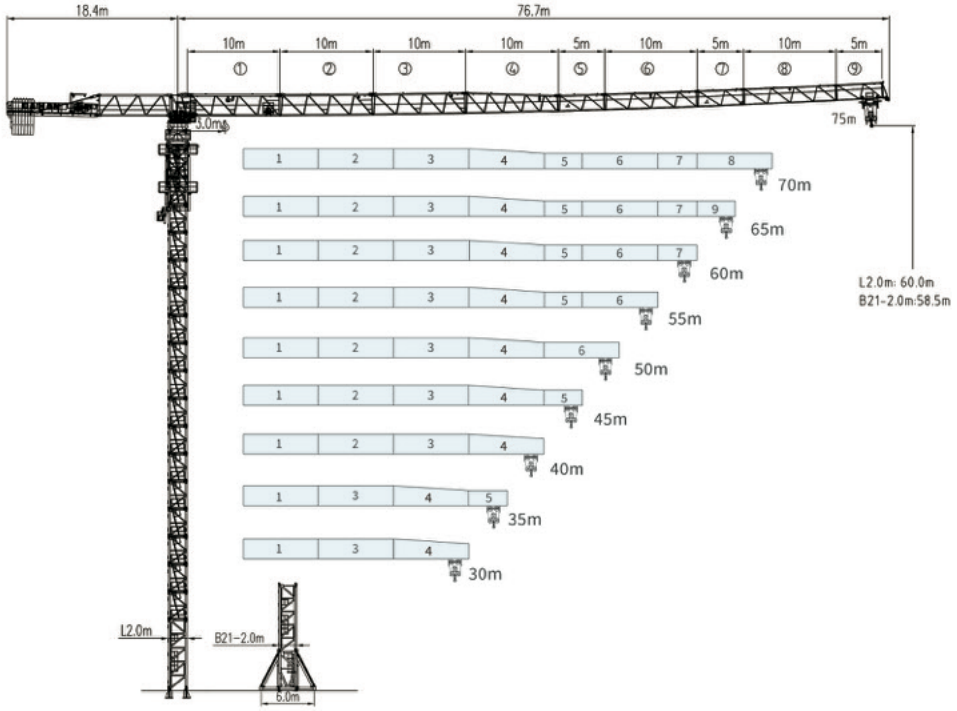
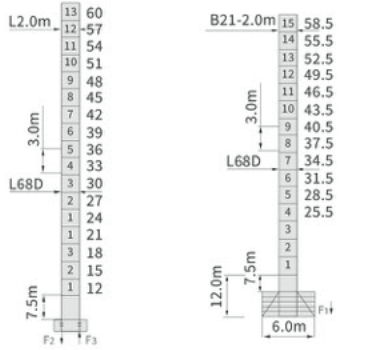
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Outline Dimensions



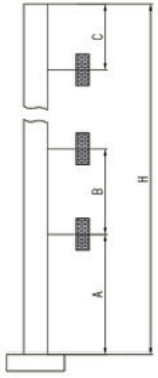
Masts



	●	■
F2	199t	195t
F3	143t	144t
	74.9t	

	●	■
F1	114t	111t
	81.9t	

Anchorages



Mast	A	B	C	H
L68D	51m	30m	37.5m	240m

● in service Reaction ■ Out of service Reaction

Total weight of free standing crane(exlude (ounter weight & ballast)

Number of tie collors=(H-A-C)/B+1

Load Diagrams 18t

R	Fall	RC	C	20	25	30	35	40	45	50	55	60	65	70	75
75m		13.3	18.0	11.51	8.94	7.22	5.99	5.07	4.36	3.79	3.32	2.93	2.54	2.32	2.07
		26.4	9.0	9.0	9.0	7.85	6.62	5.70	4.99	4.42	3.95	3.56	3.17	2.95	2.70
70m		14.1	18.0	12.30	9.58	7.76	6.46	5.49	4.73	4.13	3.63	3.22	2.87	2.57	
		28.1	9.0	9.0	9.0	8.39	7.09	6.12	5.36	4.76	4.26	3.85	3.50	3.20	
65m		15.0	18.0	13.18	10.29	8.36	6.98	5.95	5.15	4.51	3.98	3.54	3.17		
		29.9	9.0	9.0	9.0	8.99	7.61	6.58	5.78	5.14	4.61	4.17	3.80		
60m		16.3	18.0	14.41	11.25	9.14	7.63	6.50	5.63	4.92	4.35	3.87			
		32.3	9.0	9.0	9.0	9.0	8.26	7.13	6.26	5.55	4.98	4.50			
55m		17.0	18.0	15.09	11.78	9.58	8.00	6.82	5.90	5.17	4.57				
		33.7	9.0	9.0	9.0	9.0	8.63	7.45	6.54	5.80	5.20				
50m		18.6	18.0	16.61	12.97	10.53	8.80	7.50	6.48	5.67					
		36.5	9.0	9.0	9.0	9.0	9.0	8.12	7.11	6.30					
45m		18.2	18.0	16.26	12.73	10.38	8.71	7.45	6.47						
		36.2	9.0	9.0	9.0	9.0	9.0	8.08	7.10						
40m		18.2	18.0	16.28	12.81	10.49	8.84	7.60							
		36.7	9.0	9.0	9.0	9.0	9.0	8.23							
35m		17.8	18.0	15.83	12.35	10.03	8.37								
		35.0	9.0	9.0	9.0	9.0	9.0								
30m		17.8	18.0	15.95	12.60	10.37									
		30.0	9.0	9.0	9.0	9.0									

Load Diagrams 16t

R	Fall	RC	C	20	25	30	35	40	45	50	55	60	65	70	75
75m		15.0	16.0	11.65	9.04	7.29	6.05	5.12	4.39	3.81	3.34	2.94	2.61	2.34	2.07
		29.8	8.0	8.0	8.0	7.92	6.68	5.75	5.02	4.44	3.97	3.57	3.24	2.95	2.70
70m		16.0	16.0	12.52	9.73	7.88	6.55	5.55	4.78	4.16	3.66	3.23	2.88	2.57	
		31.7	8.0	8.0	8.0	8.0	7.18	6.18	5.41	4.79	4.29	3.86	3.51	3.20	
65m		17.0	16.0	13.39	10.44	8.47	7.06	6.01	5.19	4.53	3.99	3.55	3.17		
		33.8	8.0	8.0	8.0	8.0	7.69	6.64	5.82	5.16	4.62	4.17	3.80		
60m		18.3	16.0	14.51	11.32	9.19	7.67	6.53	5.64	4.93	4.35	3.87			
		36.2	8.0	8.0	8.0	8.0	8.0	7.16	6.27	5.56	4.98	4.50			
55m		19.0	16.0	15.12	11.80	9.59	8.02	6.83	5.91	5.17	4.57				
		37.6	8.0	8.0	8.0	8.0	8.0	7.46	6.54	5.80	5.20				
50m		21.0	16.0	16.0	13.15	10.66	8.88	7.54	6.50	5.67					
		40.7	8.0	8.0	8.0	8.0	8.0	8.0	7.13	6.30					
45m		20.5	16.0	16.0	12.84	10.45	8.75	7.47	6.47						
		40.4	8.0	80	8.0	8.0	8.0	8.0	7.10						
40m		20.5	16.0	16.0	12.89	10.54	8.86	7.60							
		40.0	8.0	8.0	8.0	8.0	8.0	8.0							
35m		20.0	16.0	16.0	12.44	10.07	8.37								
		35.0	8.0	8.0	8.0	8.0	8.0								
30m		20.0	16.0	16.0	12.62	10.37									
		30.0	8.0	8.0	8.0	8.0									

Load Diagrams 12t

R	Fall	RC	C	20	25	30	35	40	45	50	55	60	65	70	75
75m		20.0	12.0	12.0	9.39	7.65	6.41	5.47	4.75	4.17	3.69	3.30	2.96	2.68	2.43
		38.5	6.0	6.0	6.0	6.0	6.0	5.75	5.02	4.44	3.97	3.57	3.24	2.95	2.70
70m		22.0	12.0	12.0	10.41	8.47	7.09	6.05	5.24	4.59	4.06	3.26	3.25	2.93	
		41.8	6.0	6.0	6.0	6.0	6.0	6.0	5.51	4.86	4.33	3.89	3.52	3.20	
65m		23.0	12.0	12.0	10.95	8.94	7.50	6.43	5.59	4.92	4.37	3.91	3.53		
		44.1	6.0	6.0	6.0	6.0	6.0	6.0	5.86	5.19	4.64	4.19	3.80		
60m		25.0	12.0	12.0	12.0	9.78	8.19	7.0	6.08	5.34	4.73	4.23			
		47.2	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.61	5.01	4.50			
55m		26.0	12.0	12.0	12.0	10.21	8.55	7.30	6.34	5.56	4.93				
		48.8	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.83	5.20				
50m		28.5	12.0	12.0	12.0	11.34	9.55	5.21	7.16	6.33					
		50.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0					
45m		28.0	12.0	12.0	12.0	11.09	9.26	7.89	6.83						
		45.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0						
40m		28.0	12.0	12.0	12.0	11.07	9.22	7.83							
		40.0	6.0	6.0	6.0	6.0	6.0	6.0							
35m		27.0	12.0	12.0	12.0	10.57	8.73								
		35.0	6.0	6.0	6.0	6.0	6.0								
30m		27.0	12.0	12.0	12.0	10.73									
		30.0	6.0	6.0	6.0	6.0									

Counter weight

			PHZ3500	PHZ1300	PHZ1000
75m	18.4m	26400KG	7	1	1
70m	18.4m	25800KG	7	1	/
65m	18.4m	25100KG	7	/	1
60m	18.4m	24500KG	7	/	/
55m	18.4m	22900KG	6	1	1
50m	18.4m	22900KG	6	1	1
45m	18.4m	21600KG	6	/	1
40m	18.4m	19400KG	5	1	1
35m	18.4m	15300KG	4	1	/
30m	18.4m	14000KG	4	/	/

Mechanisms 12/16/18t

Name							Motor power
			m/min	t	m/min	t	m	kw
Hoisting	12t	45JLF30	0-106	1.5	0-20	12.0	670	45
	16t	55JLF40	0-100	1.5	0-17	16.0	805	55
	18t	55JLF45	0-100	1.5	0-17	18.0	805	55
Trolleying	7.5JXF8		0-65m/min					7.5
Slewing	RVF7.5		0-0.6rpm					7.5X2
Traccelling	B20-2.0m:RT544		0-17m/min					5.2X4
Power	380v (±10%) /50Hz		4JLF30:67.5KW / 55JLF40:77.5KW / 55JLF45:77.5KW(Do not contain travelling mechanism)					