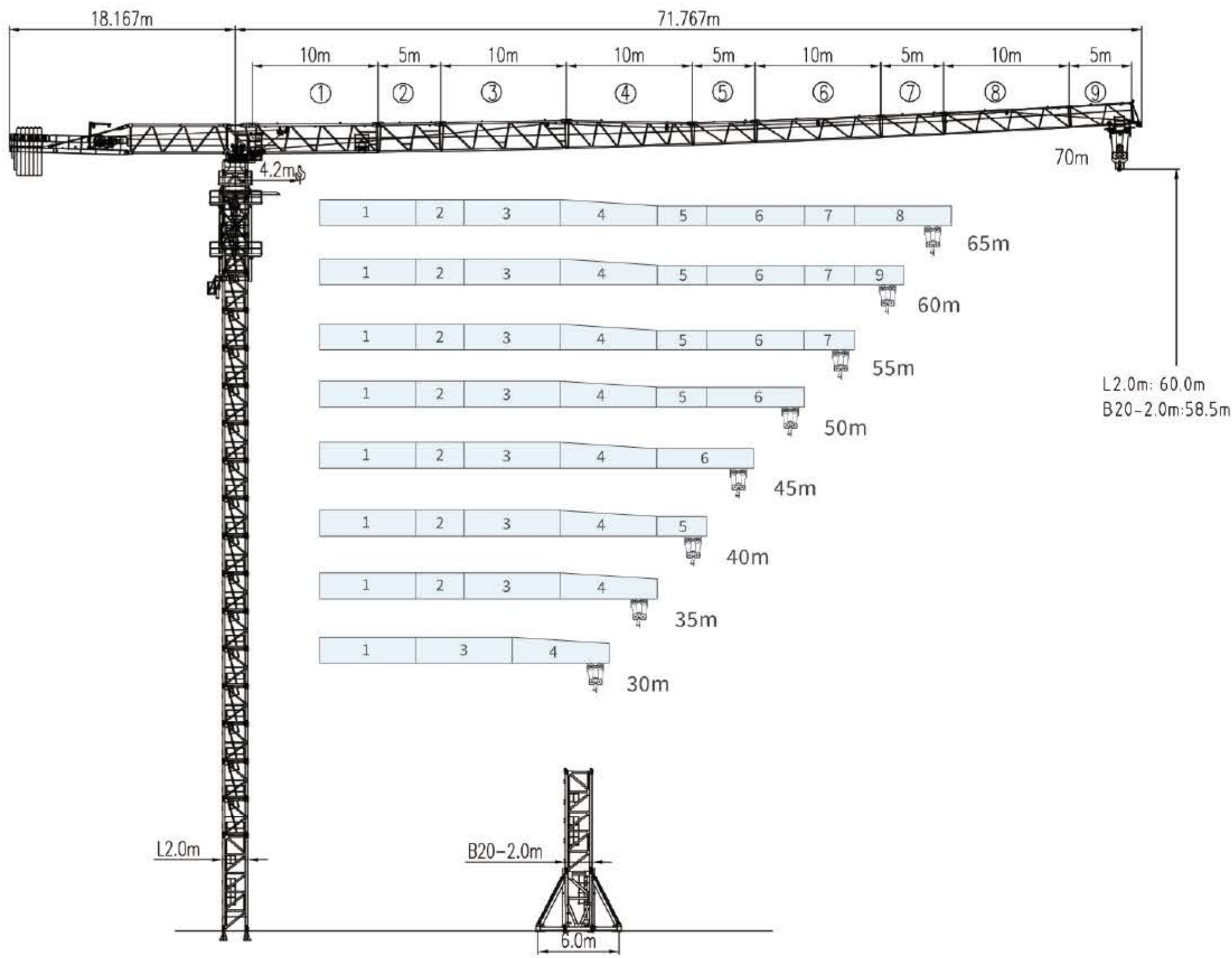
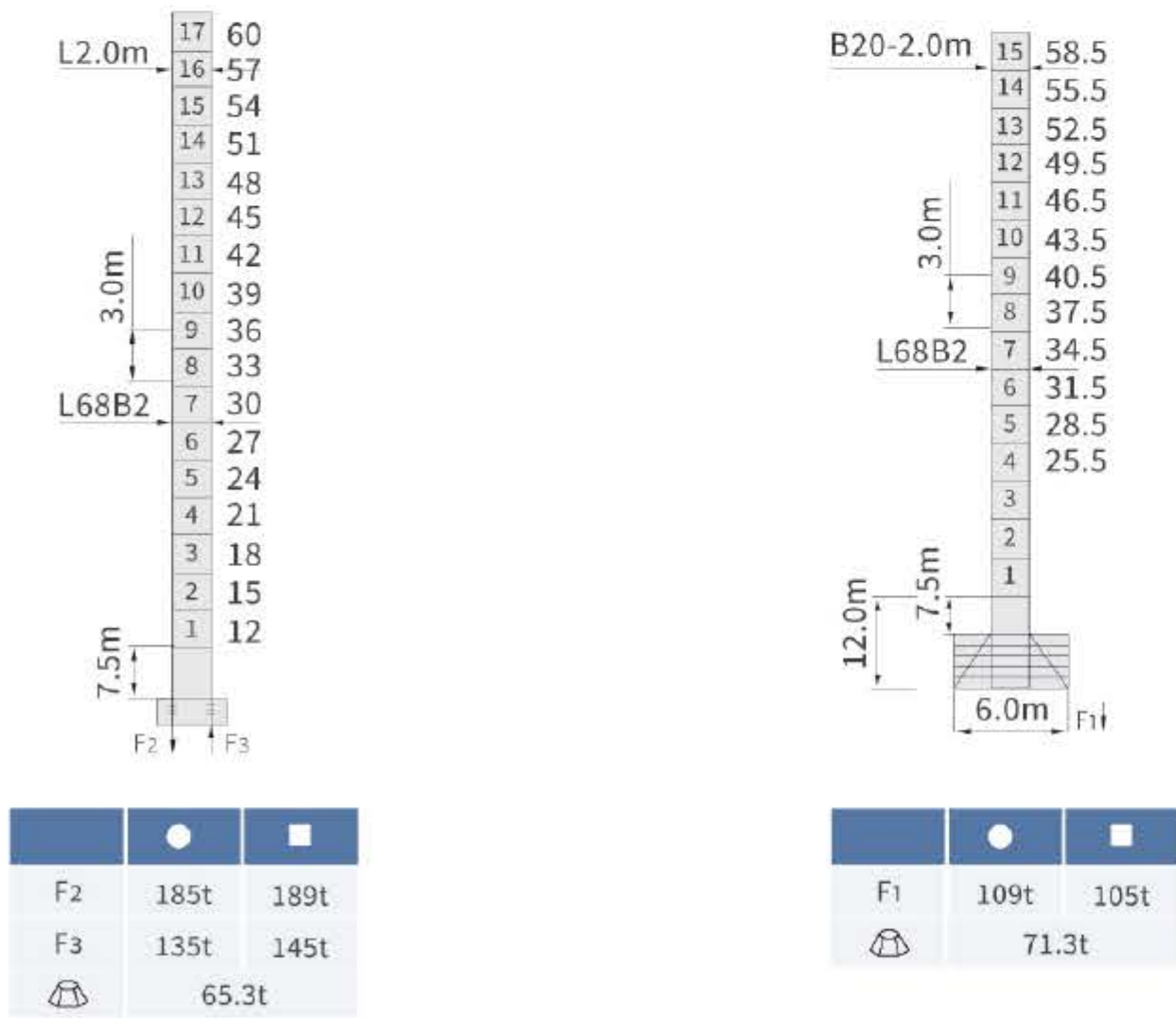


Outline Dimensions



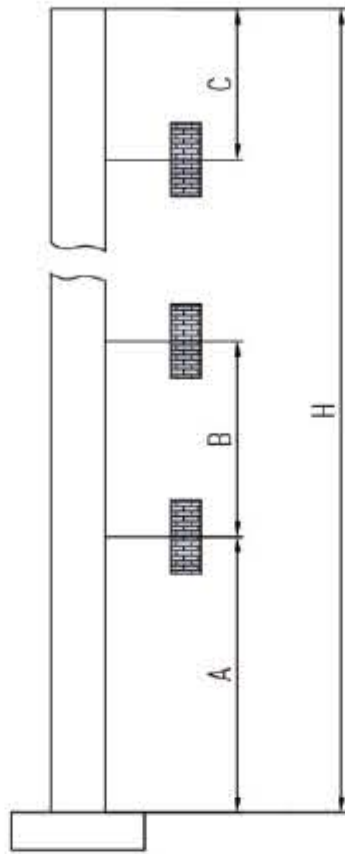
Masts



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7025A DH268

Anchorage



Mast	A	B	C	H
L68B2	48m	36.0m	43.5m	333m

● 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 16t

R	Fall	RC _(reaction)	C _(max/H)	20	25	30	35	40	45	50	55	60	65	70
70m	🏗️	13.0	16.0	9.93	7.67	6.17	5.09	4.29	3.66	3.16	2.75	2.41	2.12	1.87
	🏗️	25.9	8.0	8.0	8.0	6.80	5.72	4.92	4.29	3.79	3.38	3.04	2.75	2.50
65m	🏗️	15.0	16.0	11.60	8.96	7.21	5.95	5.01	4.27	3.69	3.21	2.81	2.47	
	🏗️	29.5	8.0	8.0	8.0	7.84	6.85	5.64	4.90	4.32	3.84	3.44	3.10	
60m	🏗️	15.7	16.0	12.22	9.48	7.65	6.34	5.36	4.60	3.99	3.49	3.07		
	🏗️	31.6	8.0	8.0	8.0	8.0	6.97	5.99	5.23	4.62	4.12	3.70		
55m	🏗️	16.5	16.0	12.94	10.06	8.14	6.76	5.73	4.93	4.29	3.77			
	🏗️	32.6	8.0	8.0	8.0	8.0	7.39	6.36	5.56	4.92	4.40			
50m	🏗️	17.2	16.0	13.56	10.56	8.57	7.14	6.07	5.24	4.57				
	🏗️	34.0	8.0	8.0	8.0	8.0	7.77	6.70	5.87	5.20				
45m	🏗️	17.5	16.0	13.82	10.78	8.75	7.30	6.22	5.37					
	🏗️	34.7	8.0	8.0	8.0	8.0	7.93	6.85	6.0					
40m	🏗️	17.5	16.0	13.78	10.70	8.64	7.17	6.07						
	🏗️	34.2	8.0	8.0	8.0	8.0	7.80	6.70						
35m	🏗️	17.5	16.0	13.72	10.57	8.47	6.97							
	🏗️	33.5	8.0	8.0	8.0	8.0	7.60							
30m	🏗️	17.0	16.0	11.30	10.24	8.20								
	🏗️	30.0	8.0	8.0	8.0	8.0								

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Load Diagrams 12t														
R _(m)	Fall	RC _(m/sv)	C _(m/sv)	20	25	30	35	40	45	50	55	60	65	70
70m		18.0	12.0	10.68	8.29	6.70	5.57	4.71	4.05	3.52	3.09	2.73	2.42	2.16
		34.5	6.0	6.0	6.0	6.0	5.91	5.05	4.39	3.86	3.43	3.07	2.76	2.50
65m		20.0	12.0	12.0	9.33	7.55	6.28	5.33	4.59	3.99	3.51	3.10	2.76	
		38.1	6.0	6.0	6.0	6.0	6.0	5.67	4.93	4.33	3.85	3.44	3.10	
60m		21.0	12.0	12.0	9.87	8.01	6.68	5.69	4.91	4.29	3.78	3.36		
		40.2	6.0	6.0	6.0	6.0	6.0	5.25	4.63	4.12	3.70			
55m		22.5	12.0	12.0	10.65	8.64	7.20	6.12	5.28	4.61	4.06			
		42.6	6.0	6.0	6.0	6.0	6.0	5.62	4.95	4.40				
50m		23.5	12.0	12.0	11.19	9.08	7.57	6.44	5.56	4.86				
		44.4	6.0	6.0	6.0	6.0	6.0	5.90	5.20					
45m		24.0	12.0	12.0	11.46	9.28	7.73	6.57	5.66					
		45.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0					
40m		23.5	12.0	12.0	11.19	9.04	7.51	6.36						
		40.0	6.0	6.0	6.0	6.0	6.0	6.0						
35m		23.0	12.0	12.0	10.89	8.77	7.26							
		35.0	6.0	6.0	6.0	6.0	6.0							
30m		22.5	12.0	12.0	10.57	8.46								
		30.0	6.0	6.0	6.0	6.0								

Counter weight					
			PHZ3500	PHZ1300	PHZ600
70m	18.167m	22900KG	6	1	1
65m	18.167m	22300KG	6	1	/
60m	18.167m	21000KG	6	/	/
55m	18.167m	21000KG	6	/	/
50m	18.167m	19400KG	5	1	1
45m	18.167m	18100KG	5	/	1
40m	18.167m	17500KG	5	/	/
35m	18.167m	15300KG	4	1	/
30m	18.167m	12400KG	3	1	1

Mechanisms 12/16t								
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
Trolleying	12t	6JXF5	0-65m/min					5.5
	16t	7.5JXF8	0-65m/min					7.5
Slewing	RVF7.5		0-0.6rpm					7.5X2
Travelling	B20-2.0m:RT544		0-17m/min					5.2X4
Power	380v (±10%)/50Hz		45JLF30:65.5KW/55JLF40:77.5KW (Do not contain travelling mechanism)					