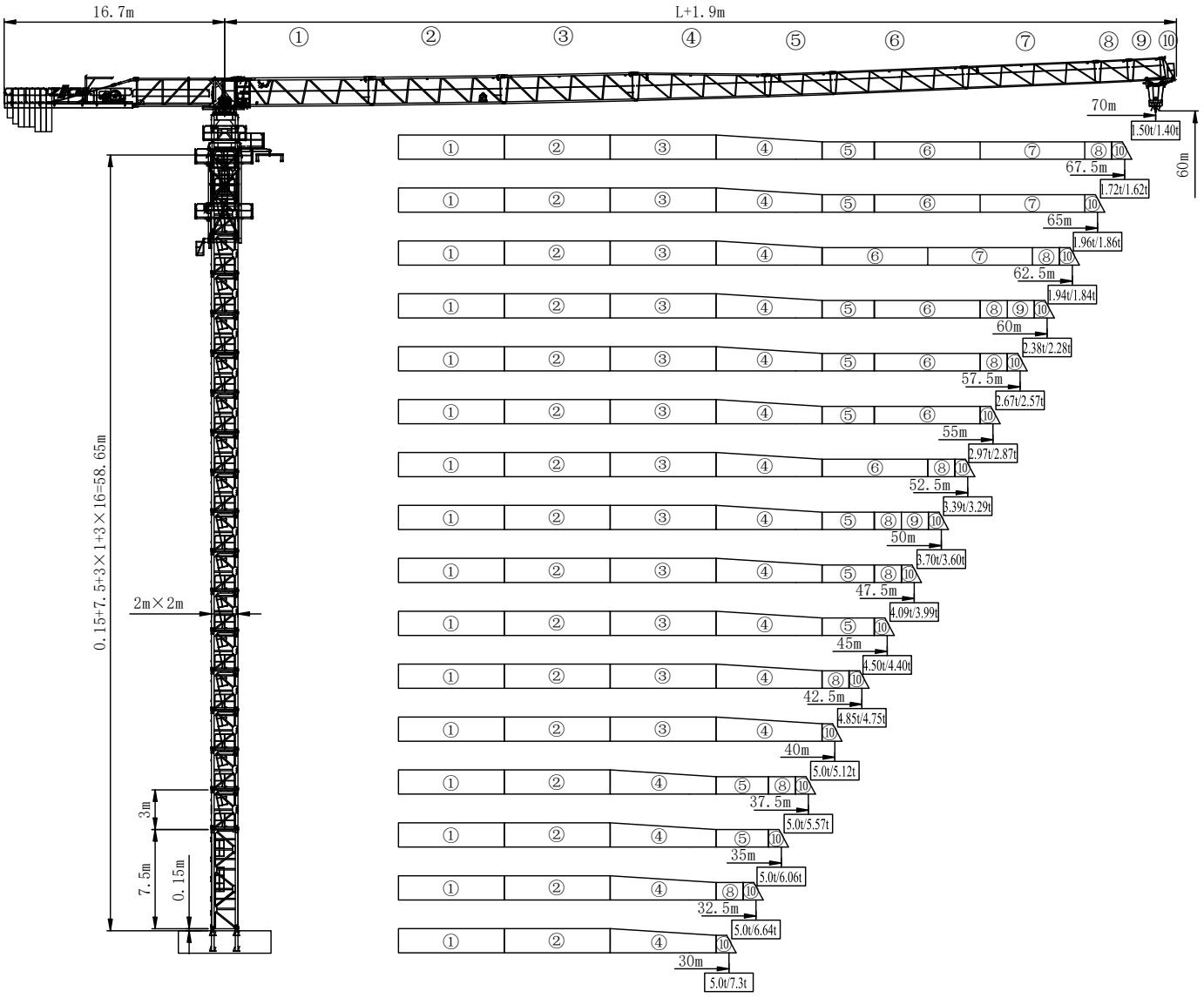
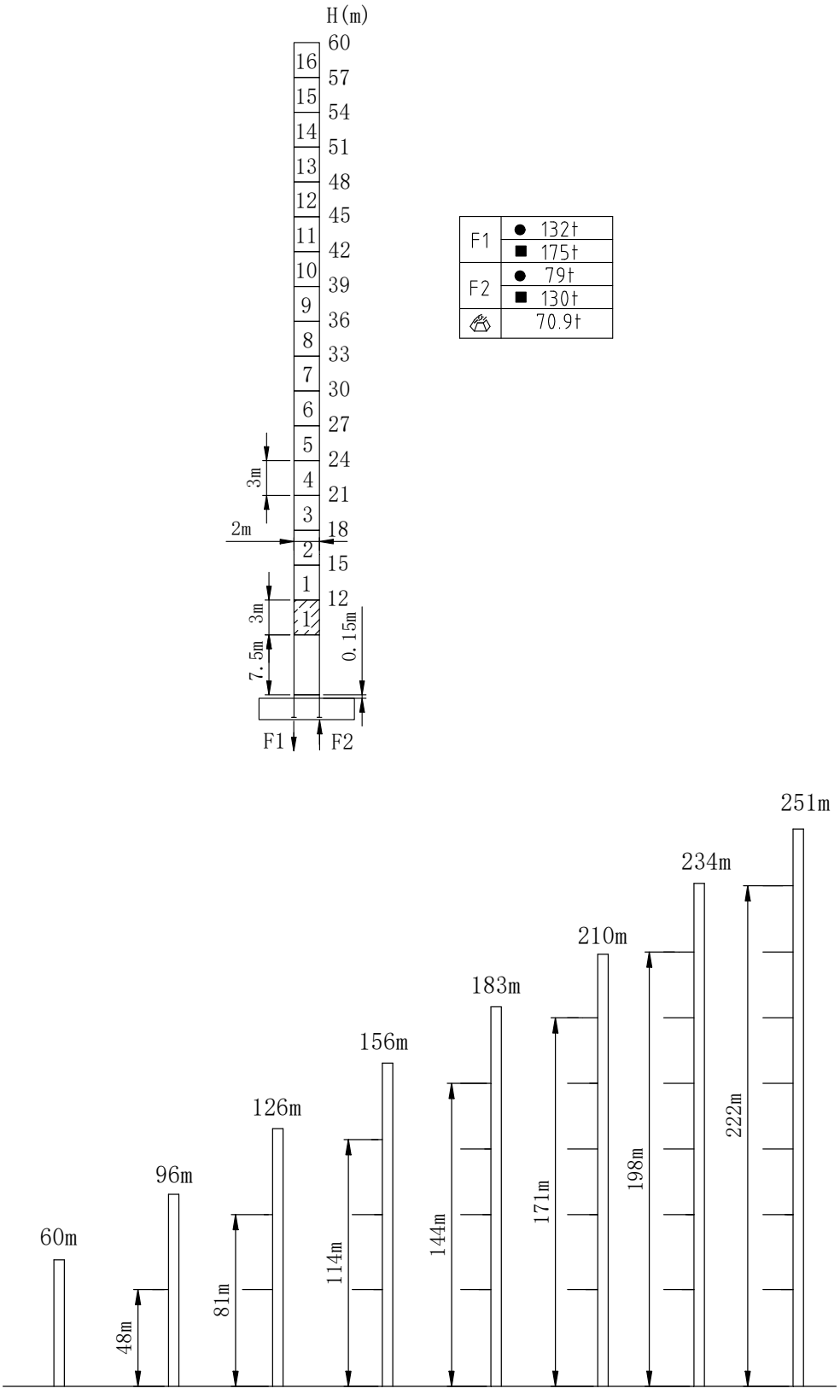
ZJT7015


16.7m
L+1.9m
①
②
③
④
⑤
⑥
⑦
⑧
⑨
⑩
70m
1.50t/1.40t
60m
67.5m
1.72t/1.62t
65m
1.96t/1.86t
62.5m
1.94t/1.84t
60m
2.38t/2.28t
57.5m
2.67t/2.57t
55m
2.97t/2.87t
52.5m
3.39t/3.29t
50m
3.70t/3.60t
47.5m
4.09t/3.99t
45m
4.50t/4.40t
42.5m
4.85t/4.75t
40m
5.0t/5.12t
37.5m
5.0t/5.57t
35m
5.0t/6.06t
32.5m
5.0t/6.64t
30m
5.0t/7.3t
0.15+7.5+3×1+3×16=58.65m
2m×2m
3m
7.5m
0.15m

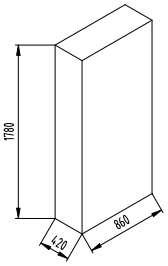
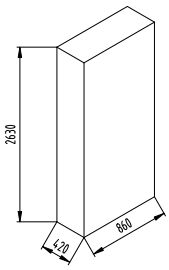
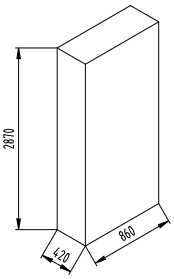
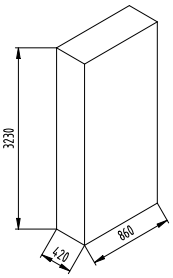
Mast Reactions



Load Curves

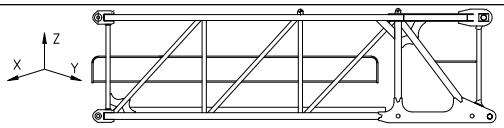
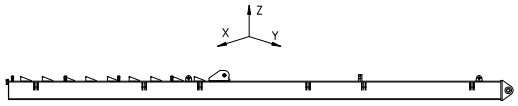
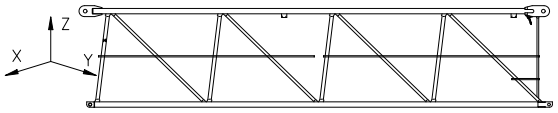
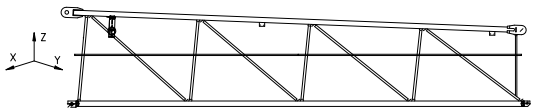
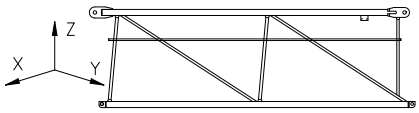
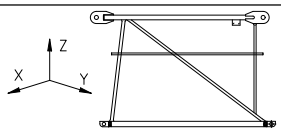
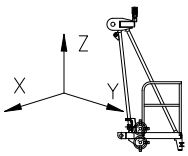
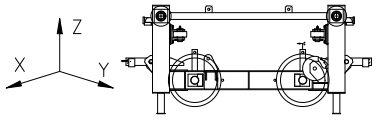
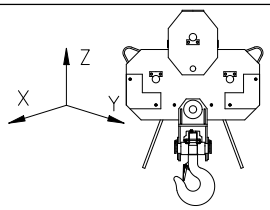
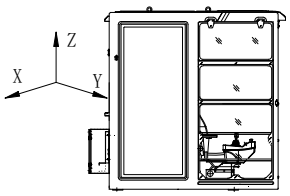
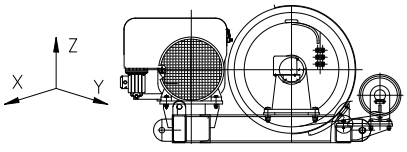
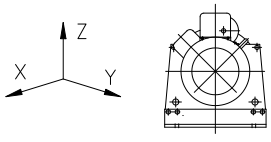
Jib		R^{min}	$R(^{C}_{max})$	C_{max}	Range (m) /Loading (kg)																	
R(m)	α	m	m	kg	25	30	32.5	35	37.5	40	42.5	45	47.5	50	52.5	55	57.5	60	62.5	65	67.5	70
70		3.4	27.69	5000	5000	4544	4126	3771	3463	3196	2961	2752	2566	2399	2249	2112	1987	1873	1769	1672	1583	1500
		3.4	15.14	10000	5541	4444	4026	3671	3363	3096	2861	2652	2466	2299	2149	2012	1887	1773	1669	1572	1483	1400
67.5		3.4	29.35	5000	5000	4872	4428	4050	3724	3439	3190	2968	2770	2593	2433	2288	2155	2034	1923	1820	1725	
		3.4	16.01	10000	5938	4772	4328	3950	3624	3339	3090	2868	2670	2493	2333	2188	2055	1934	1823	1720	1625	
65		3.4	30.95	5000	5000		4719	4319	3975	3674	3410	3176	2967	2780	2611	2457	2317	2189	2072	1960		
		3.4	16.86	10000	6320	5082	4619	4219	3875	3574	3310	3076	2867	2680	2511	2357	2217	2089	1972	1860		
62.5		3.4	29.52	5000	5000	4905	4459	4078	3750	3464	3213	2990	2791	2613	2452	2305	2172	2050	1940			
		3.4	16.10	10000	5978	4805	4359	3978	3650	3364	3113	2890	2691	2513	2352	2205	2072	1950	1840			
60		3.4	32.93	5000	5000			4652	4285	3964	3683	3433	3211	3011	2830	2667	2517	2381				
		3.4	17.90	10000	6792	5478	4977	4552	4185	3864	3583	3333	3111	2911	2730	2567	2417	2280				
57.5		3.4	34.4	5000	5000			4900	4515	4180	3885	3624	3391	3182	2993	2822	2670					
		3.4	18.68	10000	7143	5769	5252	4800	4415	4080	3785	3524	3291	3082	2893	2722	2570					
55		3.4	35.82	5000	5000				4736	4387	4080	3808	3565	3347	3150	2970						
		3.4	19.42	10000	7480	6047	5502	5035	4636	4287	3980	3708	3465	3247	3050	2870						
52.5		3.4	37.98	5000	5000					4703	4377	4088	3830	3598	3390							
		3.4	20.56	10000	7995	6473	5894	5400	4975	4603	4277	3988	3730	3498	3290							
50		3.4	38.86	5000	5000					4833	4499	4203	3939	3700								
		3.4	21.03	10000	8206	6648	6055	5549	5180	4733	4399	4103	3839	3600								
47.5		3.4	40.09	5000	5000						4669	4363	4090									
		3.4	21.68	10000	8501	6891	6279	5757	5306	4194	4569	4263	3990									
45		3.4	41.15	5000	5000						4814	4500										
		3.4	22.24	10000	8753	7100	6471	5935	5472	5069	4714	4400										
42.5		3.4	41.39	5000	5000						4850											
		3.4	22.37	10000	8809	7146	6513	5974	5509	5107	4750											
40		3.4	40.0	5000	5000																	
		3.4	22.43	10000	8840	7172	6537	5996	5529	5120												
37.5		3.4	37.5	5000	5000																	
		3.4	22.57	10000	8900	7221	6583	6038	5568													
35		3.4	35.0	5000	5000																	
		3.4	22.63	10000	8928	7244	6604	6060														
32.5		3.4	32.5	5000	5000																	
		3.4	22.72	10000	8972	7281	6640															
30		3.4	30.0	5000	5000																	
		3.4	22.78	10000	8996	7300																

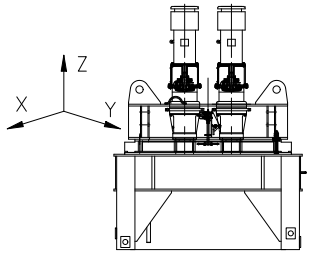
Counter-jib Ballast

	2.7 t	2.4 t	2.2 t	1.5 t	(t)	PHZ1500	PHZ2200	PHZ2400	PHZ2700
70.0 m	3	3	1	1	19				
67.5 m	3	3	1	1	19				
65.0 m	3	3	1	0	17.5				
62.5 m	3	3	0	1	16.8				
60.0 m	3	3	1	0	17.5				
57.5m	3	3	1	0	17.5				
55.0 m	3	3	0	1	16.8				
52.5m	3	3	0	1	16.8				
50.0 m	2	3	1	1	16.3				
47.5m	3	3	0	0	15.3				
45.0 m	3	3	0	0	15.3				
42.5m	3	2	0	1	14.4				
40.0 m	3	1	1	1	14.2				
37.5m	3	0	1	1	11.8				
35.0 m	3	0	1	1	11.8				
32.5m	3	1	0	0	10.5				
30.0 m	3	1	0	0	10.5				

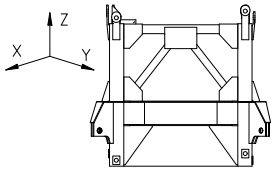
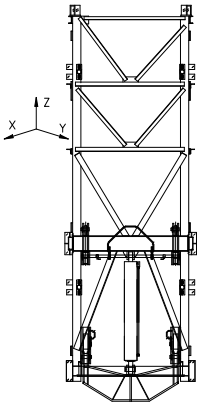
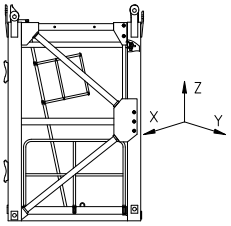
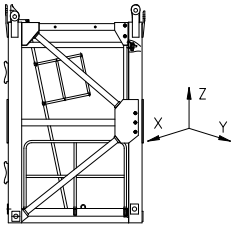
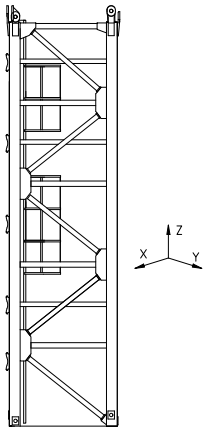
Dimensions and Weights

Slewing crane parts

Slewing crane parts			X (m)	Y (m)	Z (m)	Weight (kg ±5%)
Counter-jib 1			1.18	8.18	2.31	3325
Counter-jib 2			1.31	9.93	0.57	1790
Jib section		G1	1.15	10.38	2.35	2837
		G2	1.15	10.34	2.21	2184
		G3	1.15	10.32	2.18	1467
		G6	1.15	10.25	1.73	730
		G7	1.15	10.25	1.71	536
		G4	1.15	10.29	2.17	1104
		G5	1.15	5.26	1.75	455
		G8	1.15	2.75	1.71	162
		G9	1.15	2.75	1.71	162
		G10	1.15	1.35	1.87	140
Trolley			1.41	1.82	0.80	326
Hook block			0.295	1.14	1.64	374
Cabin			1.48	2.45	2.28	700
Hoisting mechanism			1.62	2.0	0.99	2053
Trolleying mechanism			1.24	0.56	0.63	300

Slewing assembly		2.06	2.11	2.65	5160

Tower type EQ

Crane tower parts		X (m)	Y (m)	Z (m)	Weight (kg ±5%)
Connecting section		2.53	2.53	2.26	2277
Telescoping cage		2.48	2.48	7.65	4909
Tower section		2.1	2.1	3.26	1772
Connecting tower section		2.1	2.1	3.26	1975
Foundation tower section		2.1	2.1	7.8	4317

Mechanisms

													kW	
	ZJQS-10/P45（DW）	t	1.75	3.3	5	5	5	3.5	6.6	10	10	10	45	550
		m/min	90	67.5	45	27	5.4	45	33.8	22.5	13.5	2.7		m
	ZJHZ-131571214/P5.5B1（DW）	r/min	0-0.6										2×5.5	
	ZJHZ-131571214/P5.5B2（DW）													
	ZJBF-5570P（DW）	m/min	0-60										5.5	
	380 V(±10%) 50Hz	61.5 kW (excluding travelling and climbing)												

● Reactions in service

■ Reactions out of service

Hoisting

Slewing

Total weight without ballast

Counter weight

Trolleying