

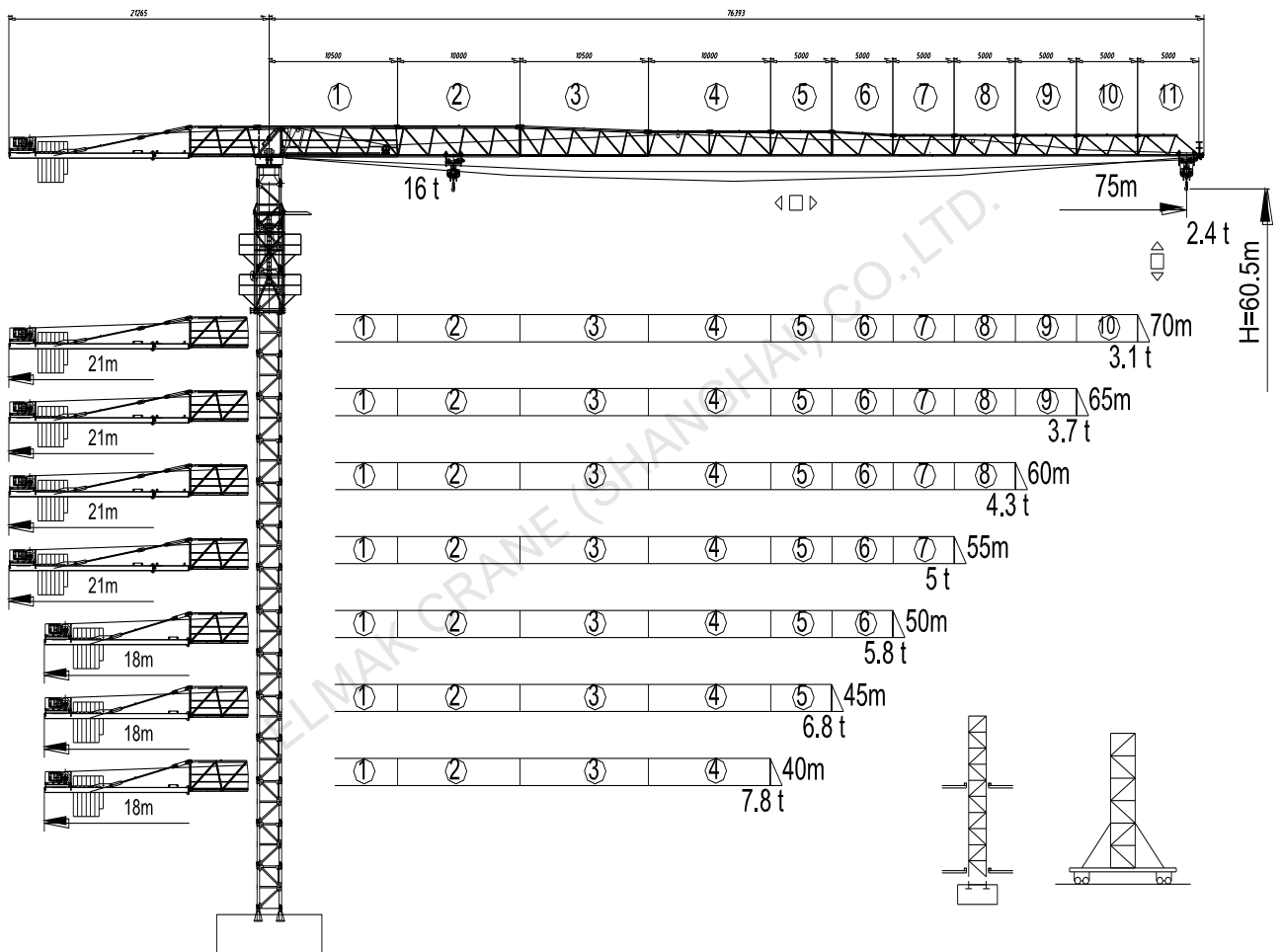
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














TOPLESS TOWER CRANE

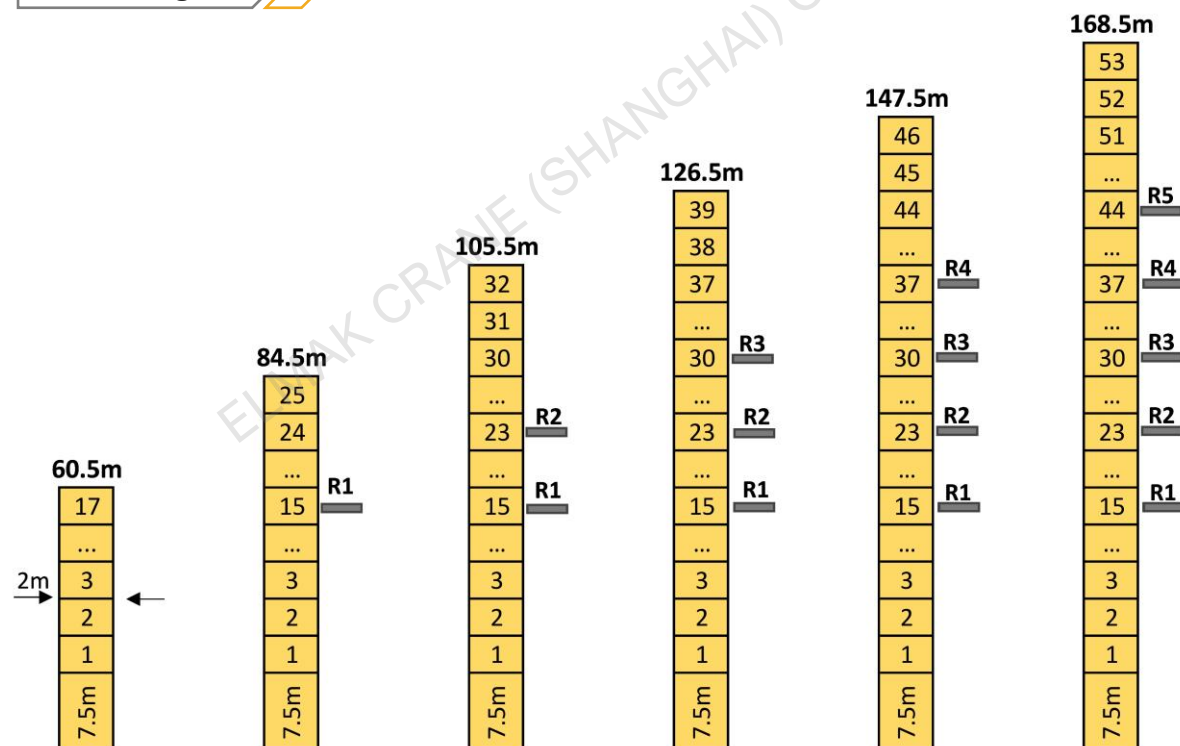
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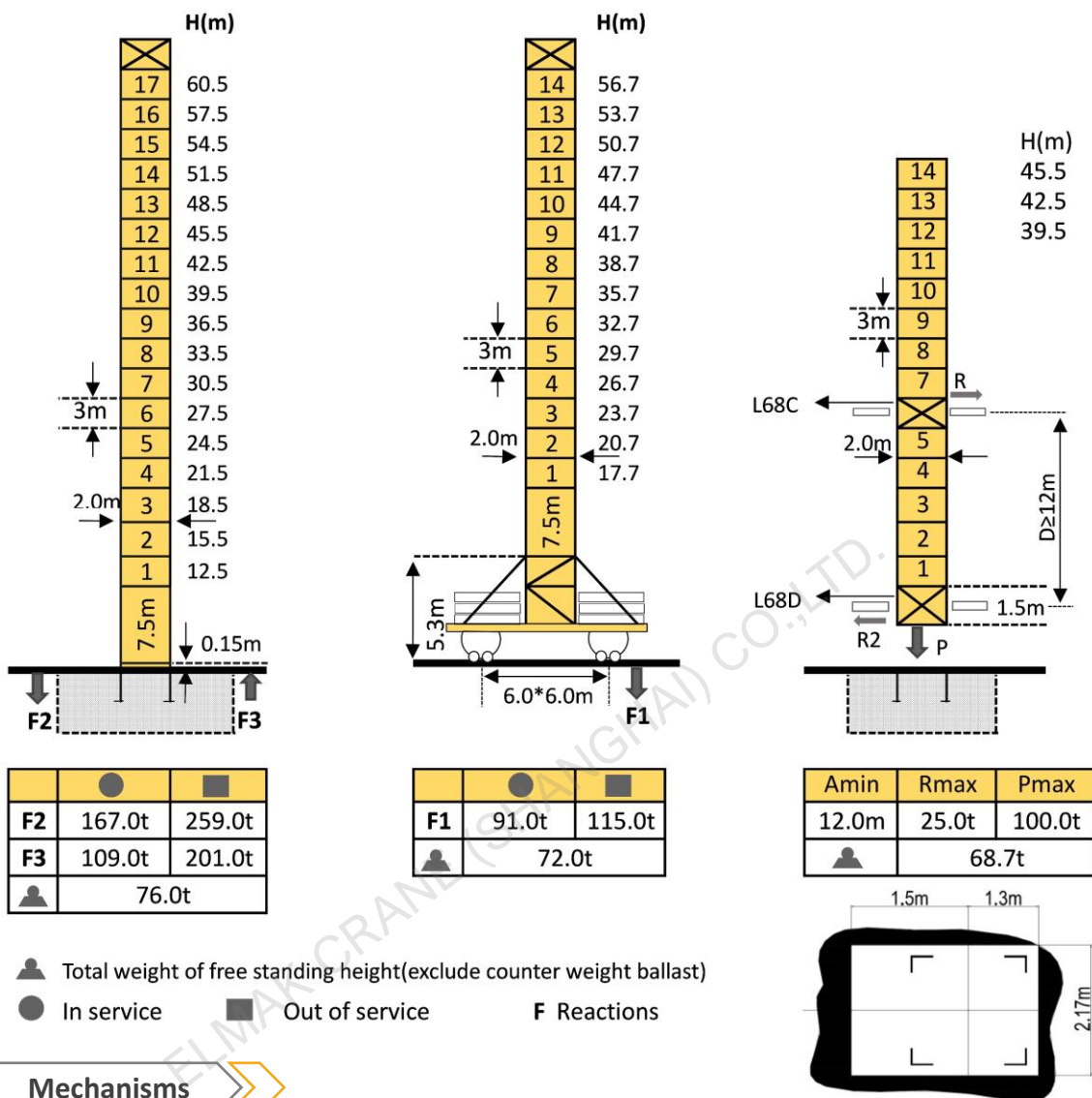


Loading Diagrams

	Fall	R(Cmax)	C(max)														
		m	t	10.0	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
75m		14.90	16.00	16.00	15.92	11.44	8.82	7.10	5.89	4.99	4.30	3.75	3.29	2.92	2.6	2.33	2.1
		27.90	8.00	8.00	8.00	8.00	8.00	7.36	6.16	5.27	4.58	4.03	3.58	3.21	2.90	2.63	2.40
70m		16.50	16.00	16.00	16.00	12.87	9.97	8.08	6.74	5.74	4.97	4.36	3.86	3.45	3.10	2.80	
		31.30	8.00	8.00	8.00	8.00	8.00	8.00	7.06	6.06	5.28	4.67	4.17	3.75	3.40	3.10	
65m		17.70	16.00	16.00	16.00	13.98	10.88	8.84	7.40	6.34	5.51	4.85	4.32	3.88	3.50		
		33.30	8.00	8.00	8.00	8.00	8.00	8.00	7.58	6.52	5.70	5.05	4.51	4.07	3.70		
60m		18.50	16.00	16.00	16.00	14.88	11.43	9.30	7.79	6.68	5.81	5.13	4.57	4.10			
		34.90	8.00	8.00	8.00	8.00	8.00	8.00	7.97	6.86	6.00	5.32	4.76	4.30			
55m		19.30	16.00	16.00	16.00	15.35	11.96	9.74	8.17	7.00	6.10	5.38	4.80				
		36.40	8.00	8.00	8.00	8.00	8.00	8.00	8.00	7.19	6.29	5.58	5.00				
50m		19.90	16.00	16.00	6.00	15.90	12.40	10.10	8.48	7.27	6.34	5.60					
		37.60	8.00	8.00	8.00	8.00	8.00	8.00	8.00	7.47	6.54	5.80					
45m		20.60	16.00	16.00	16.00	16.00	12.87	10.49	8.81	7.56	6.60						
		38.90	8.00	8.00	8.00	8.00	8.00	8.00	8.00	7.76	6.80						
40m		20.60	16.00	16.00	16.00	16.00	12.93	10.54	8.85	7.60							
		39.10	8.00	8.00	8.00	8.00	8.00	8.00	8.00	7.80							

Anchorage


Mast-Reaction



Mechanisms

Items	Mechanisms	Speed/Hoist weight				Rope Capacity	Motor(KW)
		M/min	t	M/min	t		
Hoisting	100LVF40B	🌀		🌀		670m	75
		0-40	8.00	0-20	16.00		
		0-80	4.00	0-40	8.00		
Trolley	X185K	0-60m/min				185N.m	
Slewing	RCV145	0-0.7rpm				12000N.m	
Traveling	5.5TRVF	0-30m/min				4*5.5	

Main electrical components: Schneider (Frequency converter, Contactor, Relay)