

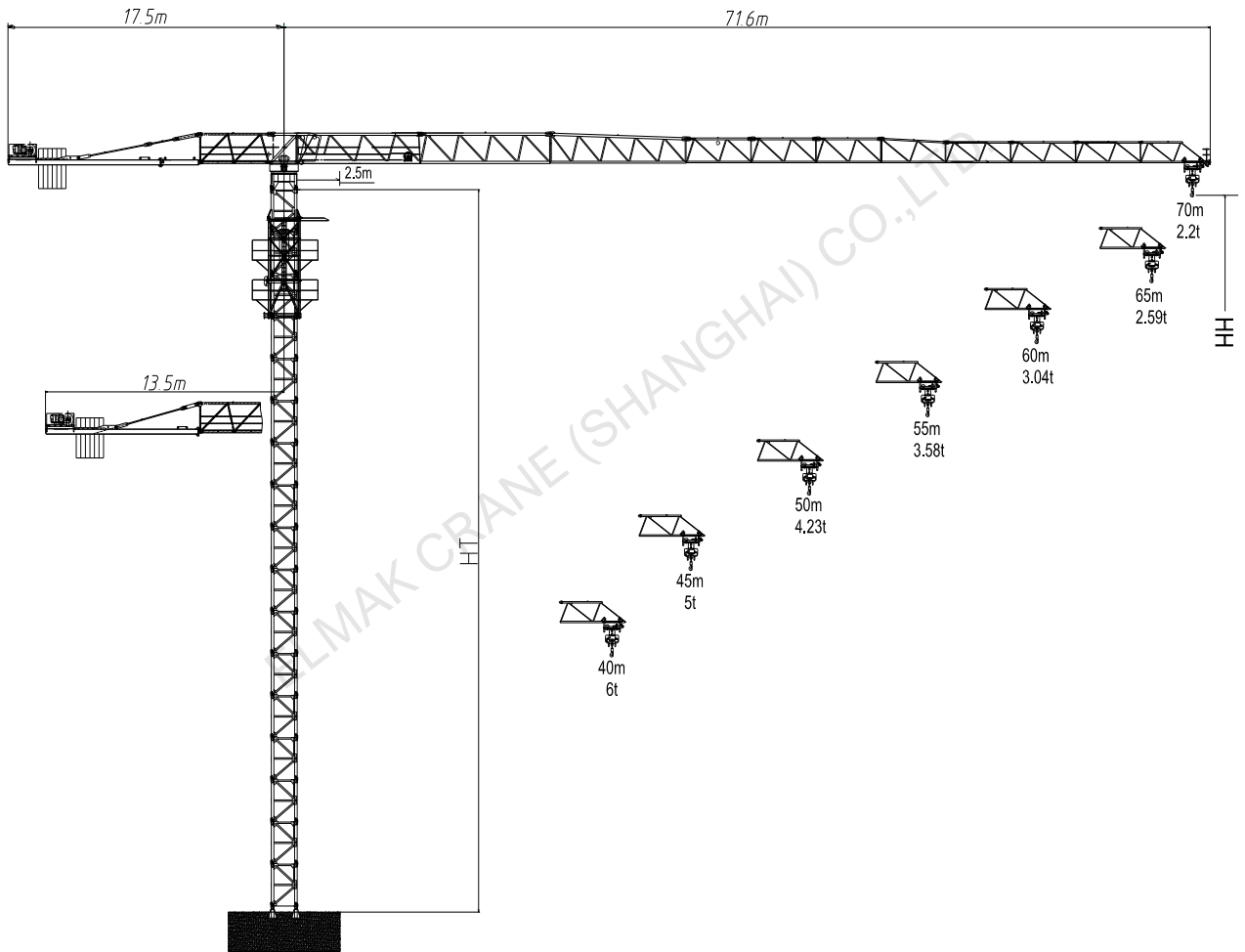
ELMAK[®]

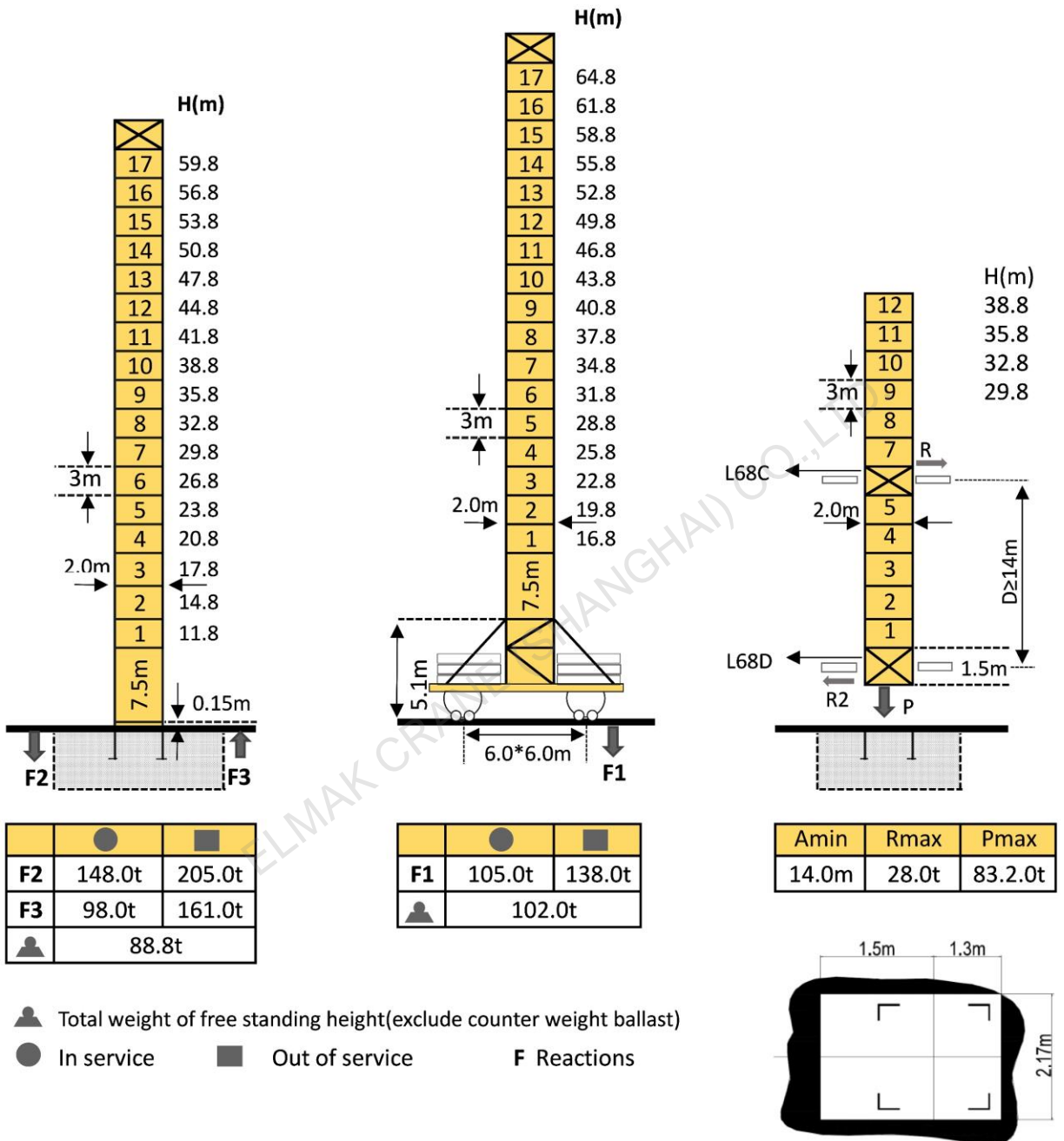
ELMAK CRANE (SHANGHAI) CO.,LTD.

TOPLESS TOWER CRANE



















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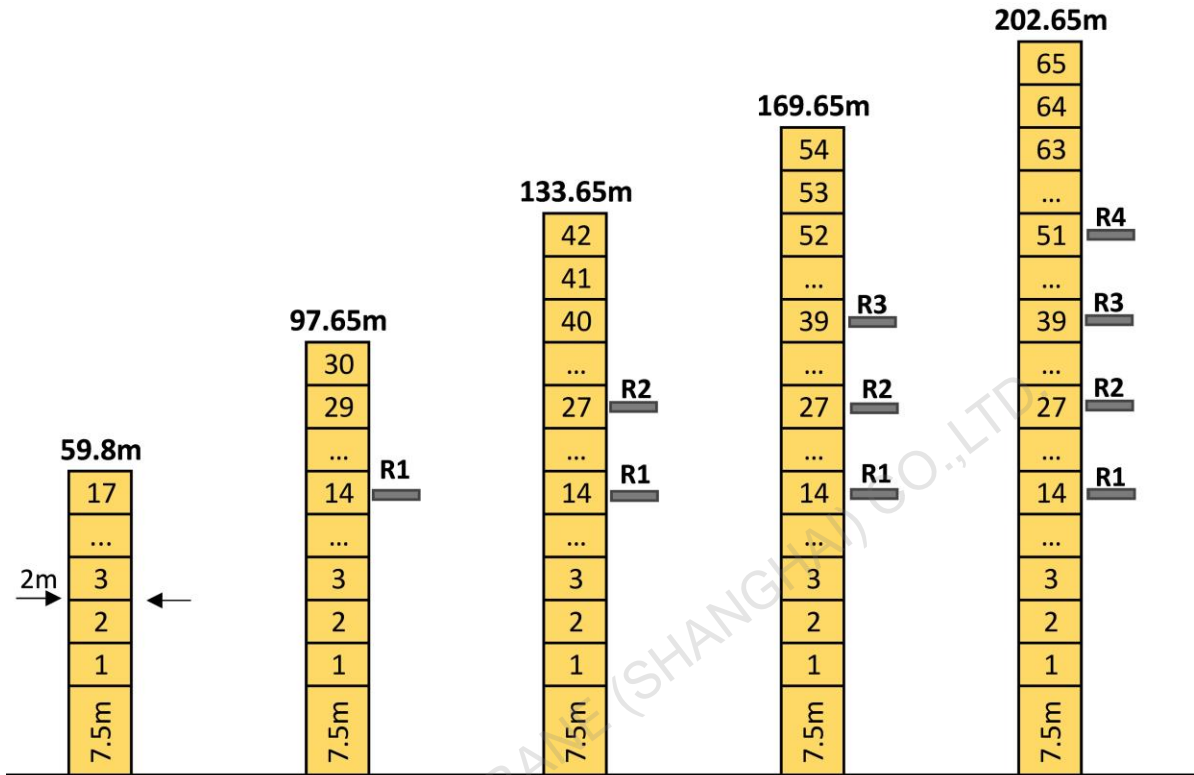
Mast-Reaction


Loading Diagrams

	Fail	R(Cmax)	C(max)	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0
		m	t											
70m		19.06	10.00	10.00	7.74	6.25	5.19	4.39	3.77	3.28	2.87	2.53	2.25	2.00
		35.58	5.00	5.00	5.00	5.00	5.00	4.59	3.97	3.48	3.07	2.73	2.45	2.20
65m		21.87	10.00	10.00	8.12	6.57	5.46	4.63	3.98	3.46	3.06	2.69	2.39	
		40.67	5.00	5.00	5.00	5.00	5.00	4.83	4.18	3.66	3.24	2.89	2.59	
60m		23.27	10.00	10.00	8.49	6.88	5.73	4.86	4.19	3.65	3.21	2.84		
		43.62	5.00	5.00	5.00	5.00	5.00	5.00	4.39	3.85	3.41	3.04		
55m		24.68	10.00	10.00	8.87	7.19	5.99	5.10	4.40	3.84	3.38			
		46.53	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.04	3.58			
50m		26.18	10.00	10.00	10.00	7.50	6.26	5.33	4.61	4.03				
		49.57	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.23			
45m		27.56	10.00	10.00	10.00	7.82	6.53	5.57	4.81					
		45.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00					
40m		28.85	10.00	10.00	10.00	8.13	6.80	5.80						
		40.00	5.00	5.00	5.00	5.00	5.00	5.00						
35m		30.61	10.00	10.00	10.00	10.00	8.60							
		35.00	5.00	5.00	5.00	5.00	5.00							
30m		30.00	10.00	10.00	10.00	10.00								
		30.00	5.00	5.00	5.00	5.00								

Counter Weight(t)

Counter Weight(t)										
Jib Length(m)		30	35	40	45	50	55	60	65	70
Type of ballast	A(2.37t)	5A	6A	5A+B	4A+2B	7A	6A+B	5A+B	8A	8A
	B(3.20t)									
Weight of ballast(t)		11.85	14.2	15.1	15.88	16.59	17.42	18.25	18.96	18.96

Anchorage
Mast :L68B2

Mechanisms

Items	Mechanisms	Speed/Hoist weight						Rope Capacity	Motor (KW)
		II		III		IV			
		M/min	t	M/min	t	M/min	t		
Hoisting	40QP20H	II		III		IV		600m	30
		9.00	4.00	6.75	6.00	4.50	8.00		
		22.50	4.00	16.80	6.00	11.50	8.00		
		45.00	4.00	33.70	6.00	522.50	8.00		
		67.50	3.00	50.60	4.50	37.50	6.00		
		90.00	2.00	67.50	3.00	45.00	4.00		
Luffing	50LP30H	≤2.2						290m	30
Slewing	RCV95	0~0.8rpm							2*5.5
Travelling	RT324	12-24m/min							2*5.2/2.6
Main electrical components: Schneider (Frequency converter, Contactor,Relay)									