

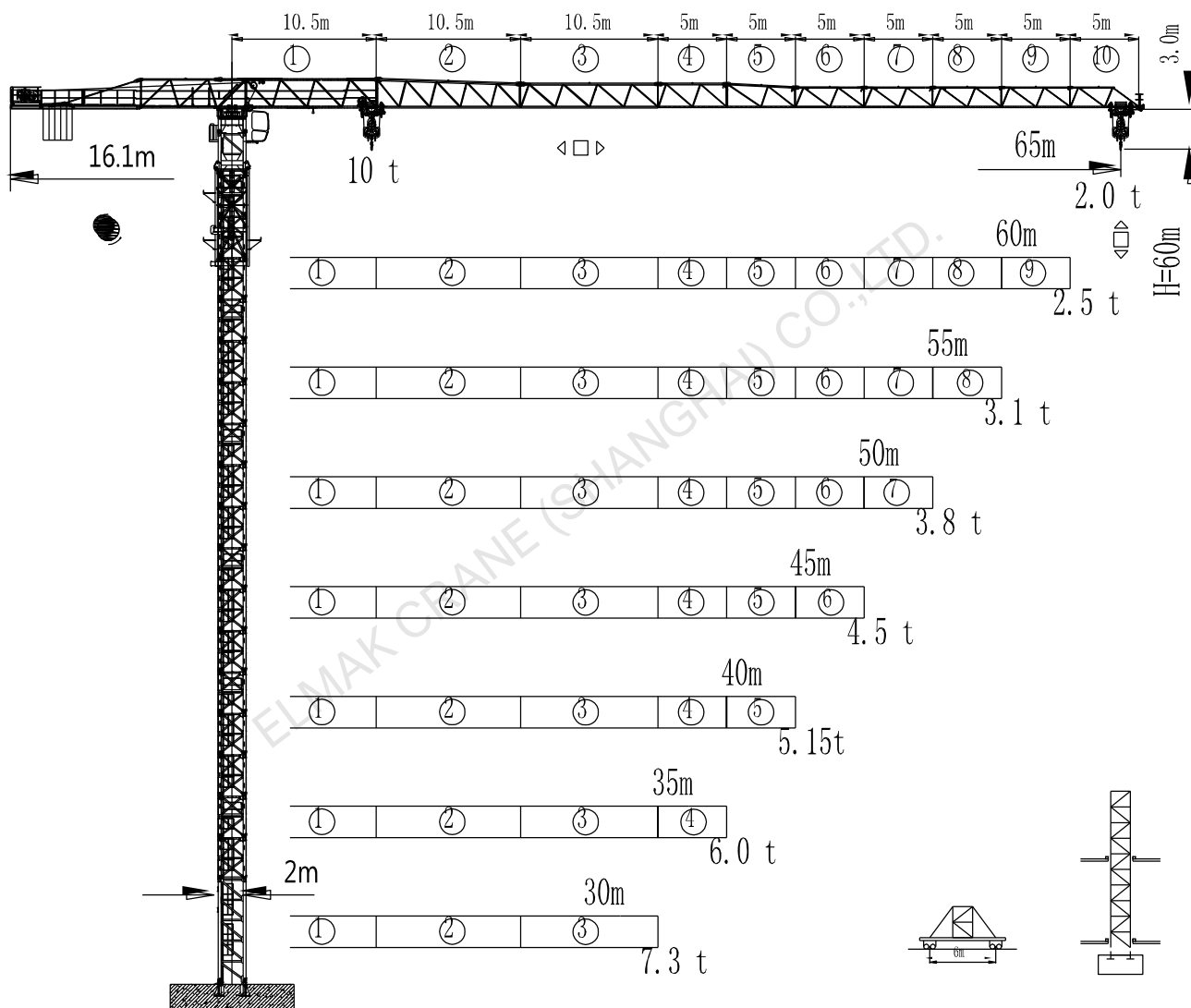
**ELMAK**<sup>®</sup>

ELMAK CRANE (SHANGHAI) CO.,LTD.

















# **TOPLESS TOWER CRANE**

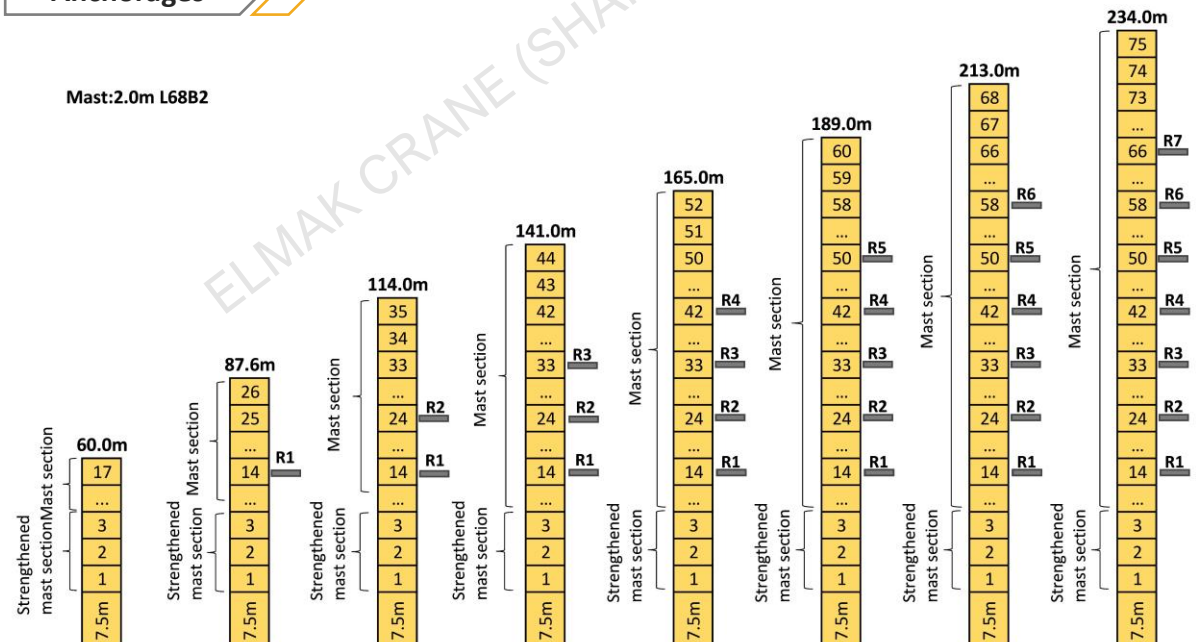
[www.elmaktowercrane.com](http://www.elmaktowercrane.com)

**EMT6520-10**

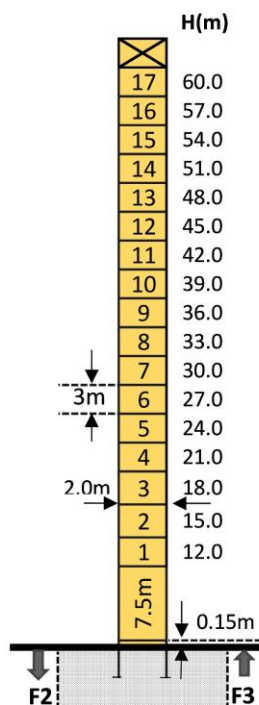


**Loading Diagrams**

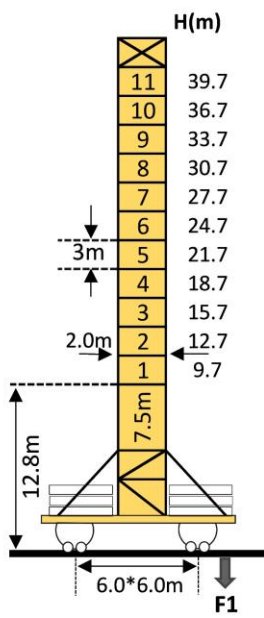
	Fail	R(Cmax)	C(max)	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0
		m	t												
65m		18.50	10.00	10.00	10.00	9.13	7.03	5.63	4.63	3.87	3.29	2.82	2.44	2.12	1.85
		33.70	5.00	5.00	5.00	5.00	5.00	5.00	4.77	4.02	3.44	2.97	2.59	2.27	2.00
60m		19.70	10.00	10.00	10.00	9.82	7.58	6.09	5.02	4.22	3.60	3.10	2.69	2.35	
		35.90	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.37	3.75	3.25	2.84	2.50	
55m		20.90	10.00	10.00	10.00	10.00	8.16	6.57	5.43	4.58	3.92	3.39	2.95		
		38.20	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.73	4.06	3.53	3.10		
50m		22.10	10.00	10.00	10.00	10.00	8.69	7.01	5.81	4.91	4.21	3.65			
		40.30	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.36	3.80			
45m		22.60	10.00	10.00	10.00	10.00	8.94	7.22	5.99	5.07	4.35				
		41.40	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.50				
40m		22.90	10.00	10.00	10.00	10.00	9.07	7.33	6.09	5.15					
		40.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00					
35m		22.70	10.00	10.00	10.00	10.00	8.96	7.23	6.00						
		35.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00						
30m		22.00	10.00	10.00	10.00	10.00	9.04	7.30							
		30.00	5.00	5.00	5.00	5.00	5.00	5.00							

**Anchorage**


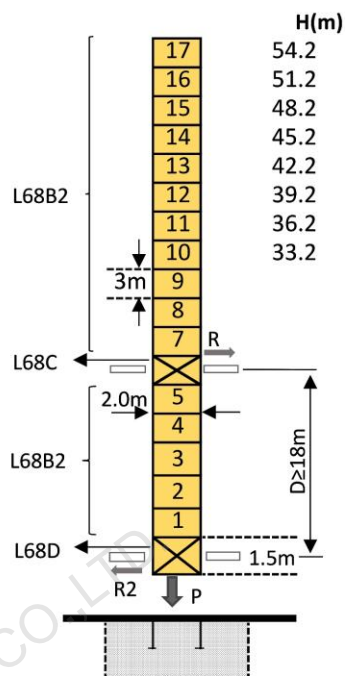
## Mast-Reaction



	●	■
F2	134.4t	162.9t
F3	86.9t	75.6t
⊿	57.0t	

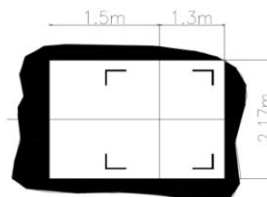


	●	■
F1	62.5t	56.4t
⊿	68.0t	



Amin	Rmax	Pmax
18.0m	33.5t	114.0t
⊿	69.0t	

- ⊿ Total weight of free standing height(exclude counter weight ballast)
- In service    ■ Out of service    F Reactions



## Mechanisms

Items	Mechanisms	Speed/Hoist weight				Rope Capacity	Motor(KW)
		M/min	t	M/min	t		
Hoisting	55RCS25					500m > 500m*	40
		0-40	5.00	0-22	10.00		
	45JLF25	0-80	2.50	0-44	5.00		45
		0-36	5.00	0-21	10.00		
		0-72	2.50	0-42	5.00		
0-108	1.25	0-54	2.50				
Trolley	120JXL	0-63m/min					5.5kw/120N.m
Slewing	RCV95	0-0.7rpm					2*5.5kw/2*95N.m
Traveling	RT443	12.5-25m/min					4*5.2

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