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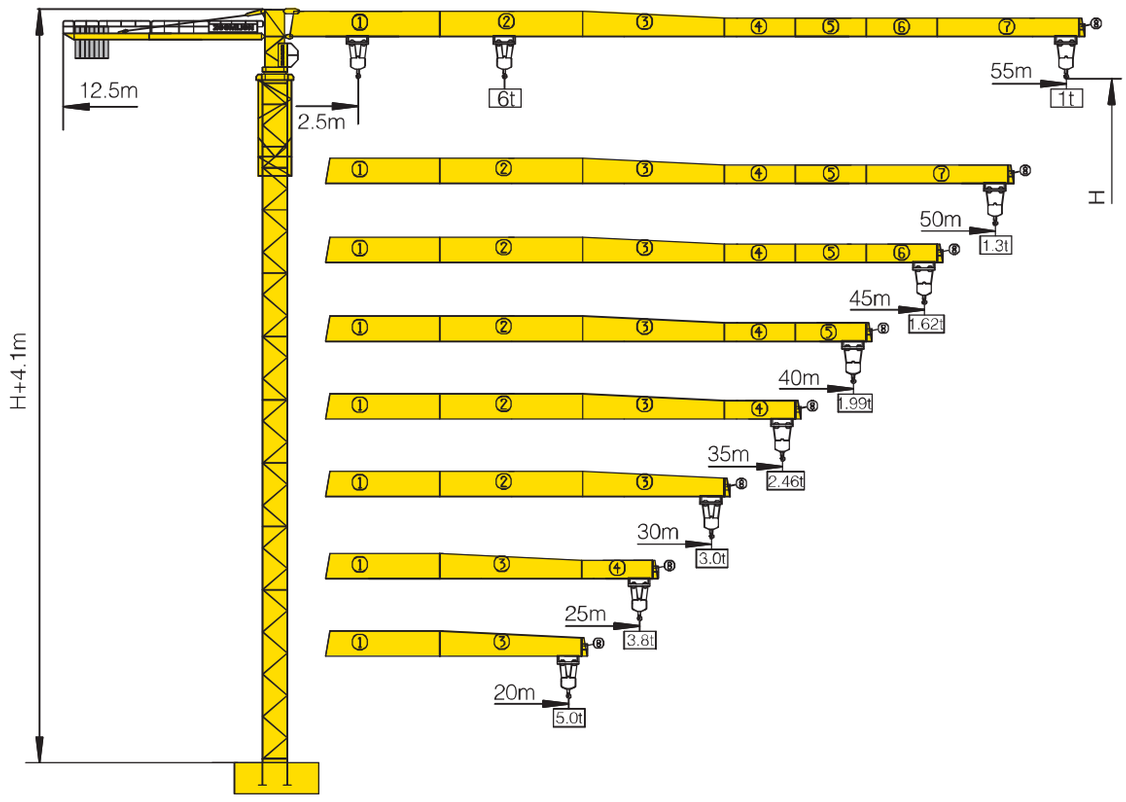
TCT5510–6



Counter–jib ballast

		(Kg)	PHZ2700	PHZ1400	PHZ1000
55m	12.5m	13200	4	1	1
50m	12.5m	12200	4	1	0
45m	12.5m	11800	4	0	1
40m	12.5m	10800	4	0	0
35m	12.5m	9500	3	1	0
30m	12.5m	8100	3	0	0
25m	12.5m	6400	2	0	1
20m	12.5m	5400	2	0	0

Working Height(m) @ Wall–tie Location(m)

Model Detail	Mast Code	Wall–tie #1	Wall–tie #2	Wall–tie #3	Wall–tie #4	Wall–tie #5	Wall–tie #6	Wall–tie #7	Wall–tie #8
TCT5510–6	E2	68.5 @ 31	93.7 @ 57	118.9 @ 83	141.3 @ 109	160.9 @ 131.4	180.5 @ 151	200.1 @ 170.6	220 @ 190.2
TCT5510–6G	L24A1/L24A2	57 @ 27	75 @ 45	93 @ 63	111 @ 81	126 @ 99	141 @ 114	156 @ 129	216 @ 189

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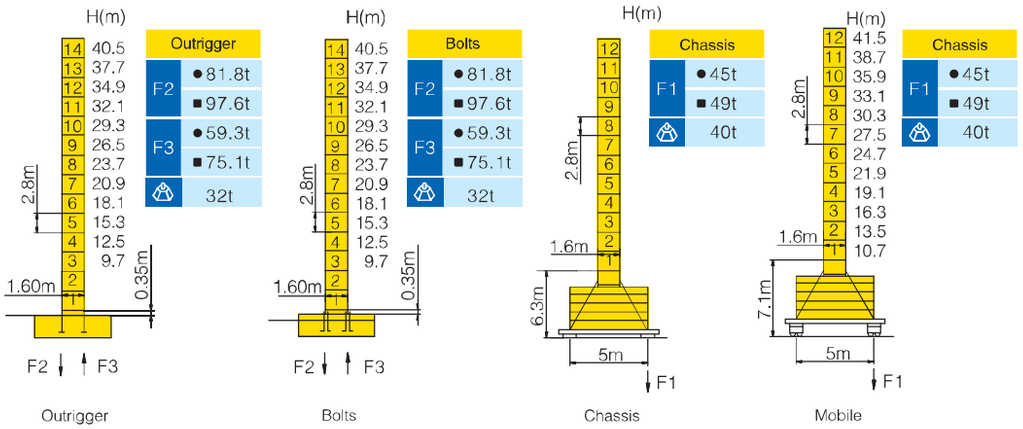
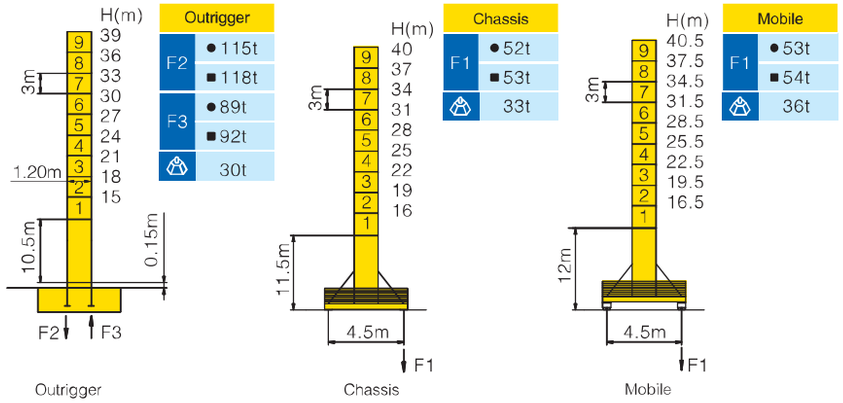
Masts Reactions

TCT5510–6



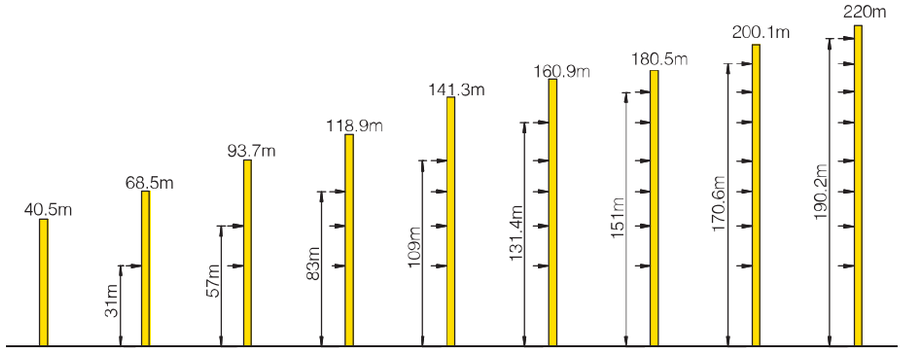
TCT5510–6G



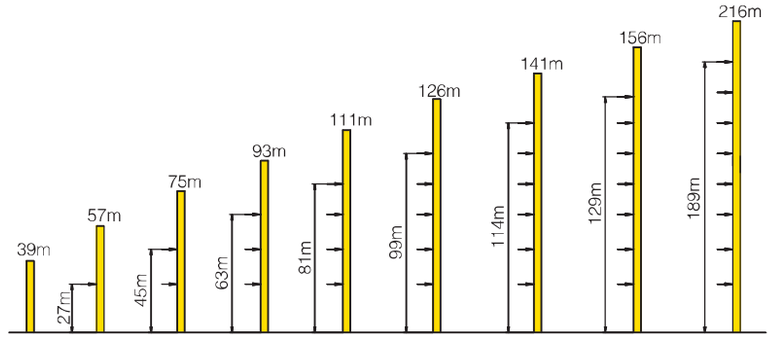
● Reactions in service ■ Reactions out of service
Without load and ballast with longest jib and maximum height
ⓘ For more erecting solutions, consult us!

Anchorages

TCT5510–6



TCT5510–6G



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Load diagrams

R(m)		Max.Capacity m/t	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0
55m (R=56)		2.5—24.5m 3t	3.00	2.93	2.33	1.91	1.60	1.35	1.16	1.00
		2.5—13.5m 6t	3.77	2.86	2.26	1.84	1.53	1.28	1.09	0.93
50m (R=51)		2.5—26.5m 3t	3.00	3.00	2.57	2.11	1.77	1.51	1.30	
		2.5—14.6m 6t	4.13	3.15	2.50	2.04	1.70	1.44	1.23	
45m (R=46)		2.5—27.85m 3t	3.00	3.00	2.74	2.26	1.89	1.62		
		2.5—15.31m 6t	4.37	3.35	2.67	2.19	1.82	1.55		
40m (R=41)		2.5—28.85m 3t	3.00	3.00	2.86	2.36	1.99			
		2.5—15.86m 6t	4.57	3.50	2.79	2.29	1.92			
35m (R=36)		2.5—29.8m 3t	3.00	3.00	2.98	2.46				
		2.5—16.36m 6t	4.75	3.64	2.91	2.39				
30m (R=31)		2.5—30.0m 3t	3.00	3.00	3.00					
		2.5—16.73m 6t	4.87	3.74	3.00					
25m (R=26)		2.5—20.0m 3t	3.00	3.00						
		2.5—16.94m 6t	4.95	3.80						
20m (R=21)		2.5—20.0m 2t	3.00							
		2.5—17.1m 6t	5.00							

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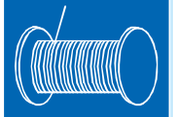
Mechanisms

	Slewing	RCV95F1.130
	0 ~ 0.8 r/min	95 N.m
	Trolleying	BE33E
	42/21 m/min	3.3/2.2 kW
	Travelling	ZA52A-D ZC52A-D
	0 ~ 25 m/min	2×5.2 kW

Hoisting				QS680E1
24/24/5.4 kW	III		1.5t	80 m/min
			3t	40 m/min
	II		3t	40 m/min
			6t	20 m/min
440m① (6 layers) ①Consult us If overtop	I		3t	8.88 m/min
			6t	4.44 m/min

	380V(+10%-10%) 50Hz	32.8+2×5.2 kW

For more mechanisms optional, consult us!