

## Packing List

No.	Description	Sketch	L(m)	b(m)	h (m)	Weight Per piece(t)	Nb.
1	Jib 1		10.1	1.32	1.23	1.106	1
2	Jib 2		10.1	1.32	1.23	0.957	1
3	Jib 3		10.1	1.32	1.23	0.796	1
4	Jib 4		5.1	1.32	1.23	0.423	1
5	Jib 5		5.1	1.32	1.23	0.418	1
6	Jib 6		10.1	1.32	1.23	0.695	1
7	Jib 7		5.1	1.32	1.23	0.322	2
8	Jib end		0.5	1.5	1.47	0.058	1
9	Tower head		9.65	1.4	1.4	2.289	1
10	Lifting hook		1.01	0.3	1.41	0.217	1
11	Trolley		1.62	1.65	0.72	0.266	1
12	Counter jib 1		9.75	1.47	0.38	1.26	1
13	Counter jib 2		3.23	1.47	0.38	0.515	1
14	Cabin		1.91	1.25	2.1	0.46	1
15	Basic Mast		7.74	1.63	1.7	2.974	1
16	Mast Section		3.24	1.63	1.7	1.142	12
17	Climbing frame		6.6	2.07	2.14	2.971	1

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**Jaipur** : F-551, Road No. 6, Lehar Choraha, Vishwakarma Industrial Area (VKI Area), Jaipur - 302 013, Rajasthan. Phone: 09672423444

The Data given in this brochure are subject to change without notice.

**Tower Crane**  
XGT100YD (6012-6)



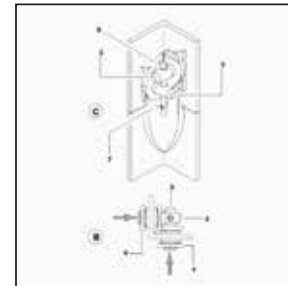
**SCHWING**  
Stetter

## Tower Crane



SCHWING Stetter India with its expertise in concreting the world for last 85 years has joined its hand with World renowned construction equipment manufacturer XCMG for introducing advanced construction equipment in India. SCHWING - XCMG introduces range of Tower Cranes which withstand the extreme conditions in construction sites. These highly adaptable fast-erecting Tower Cranes are designed with several features to handle high-rise projects. The tower cranes made by SCHWING - XCMG comes in various capacities and types ranging from 5 tons and 6 tons. With free standing height of 45 meters the tower crane can withstand up to 1.2 ton tip load and 6 ton at minimum radius of 2.4 meters.

### Special Feature



**Fish Plate**  
Fish plate welded on the Mast for Pin connection helps to interchange the mast with other angle masts.



**Split Type Mast**  
Split type mast is made for easy transportation and assembly.



**Pin Connection**  
Pin connection is introduced for faster and convenient installation of counter jib and jib.



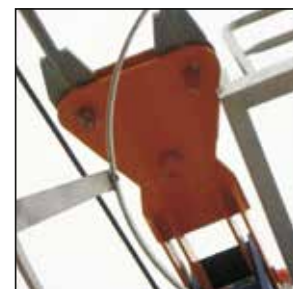
**Introduction Trolley**  
Introduction Trolley is provided for adding the mast which is safe and efficient.



**Front releasing rope mechanism**  
Front releasing rope hoisting mechanism with bolt connection helps to reduce the phenomenon of rope chaos.



**Slewing Mechanism**  
Slewing Mechanism is provided with high rotation speed up to 0.8 rpm for higher efficiency.



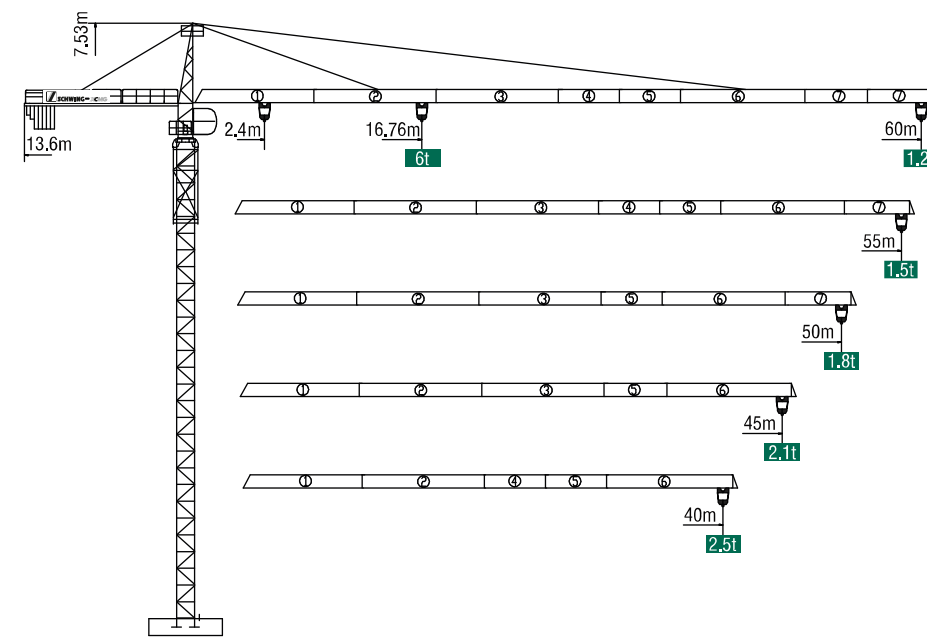
**Counter Jib Drag Rod**  
For balancing the counter jib in the tower crane a self-balanced counter jib drag rod is placed, which balances the force evenly.



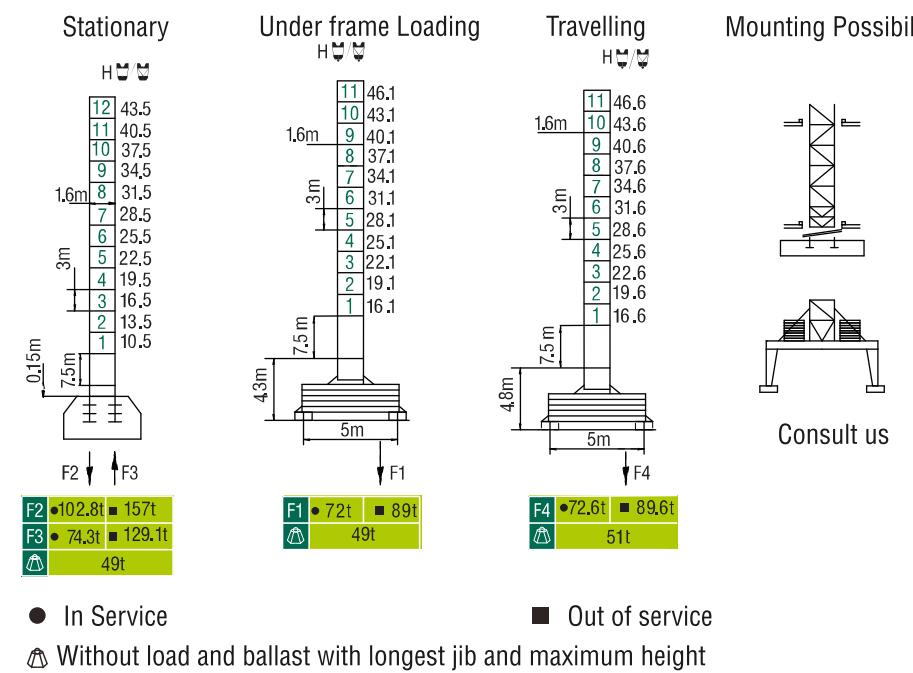
**Nylon Pulley**  
Nylon Pulley on hook is provided for safety.

## Tower Crane - XGT 100 YD (6012-6)

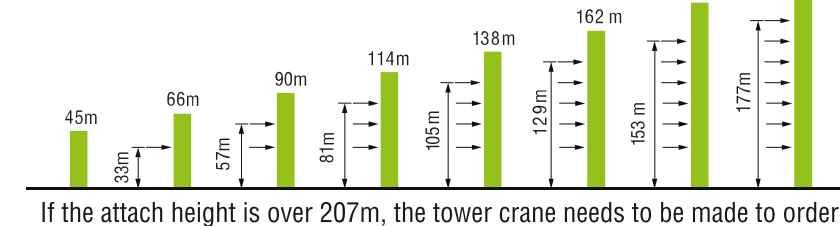
### Dimensions



### Status



### Anchorage



## Tower Crane - XGT 100 YD (6012-6)

### Load Diagrams

(m) jib	R <sub>min</sub>	R (C <sub>min</sub> )	C <sub>min</sub>	(m) Range									
				20	25	30	35	40	45	50	55	60	
60m	2.4	30.38	3t					2514	2117	1810	1565	1366	1200
	2.4	16.76	6t	4880	3738	2986	2454	2057	1750	1505	1306	1140	
55m	2.4	32.4	3t					2726	2303	1975	1713	1500	
	2.4	17.86	6t	5258	4038	3235	2666	2243	1915	1653	1440		
50m	2.4	33.58	3t					3000	2851	2411	2071	1800	
	2.4	18.5	6t	5480	4214	3381	2791	2351	2011	1740			
45m	2.4	33.94	3t					3000	2888	2444	2100		
	2.4	18.69	6t	5546	4267	3425	2828	2384	2040				
40m	2.4	34.55	3t					3000	2953	2500			
	2.4	19.02	6t	5661	4358	3500	2893	2440					

### Ballast

Counter-jib ballast		2700 - 1600 - 1200			
Capacity (kg)	Capacity (t)	PZ2700	PZ1600	PZ1200	
60 m	13.6 m	16300	5	1	1
55 m	13.6 m	15100	5	1	0
50 m	13.6 m	13600	4	1	1
45 m	13.6 m	12400	4	1	0
40 m	13.6 m	10800	4	0	0

### Mechanism

Mechanisms	Example	Model	Speed (m/min)	Hoist Weight (t)	Rope Capacity (m)	Power	
Hoisting	▲	240T15YD	⬆	8.5	3	360m >360m*	24/24/5.4kW
				40	3		
				80	1.5		
			⬇	4.2	6		
				20	6		
				40	3		
Trolleying	◀▶	33BD60YD	50/25m/min		3.3/2.2kW		
Slewing	⦿	37HR100YD	0~0.8r/min		2×3.7kW		
Travelling	◀▶	RT433	12.5/25m/min		4×1.7/3.4kW		
Main supply					~415V (±10%) 50Hz		
Gross power (excluding top-lifting and travelling)					35.5kW		

\* Contact us