



Quality Changes The World

SFT255(T7520-16H)

SANY Tower Crane
三一重工塔式起重机

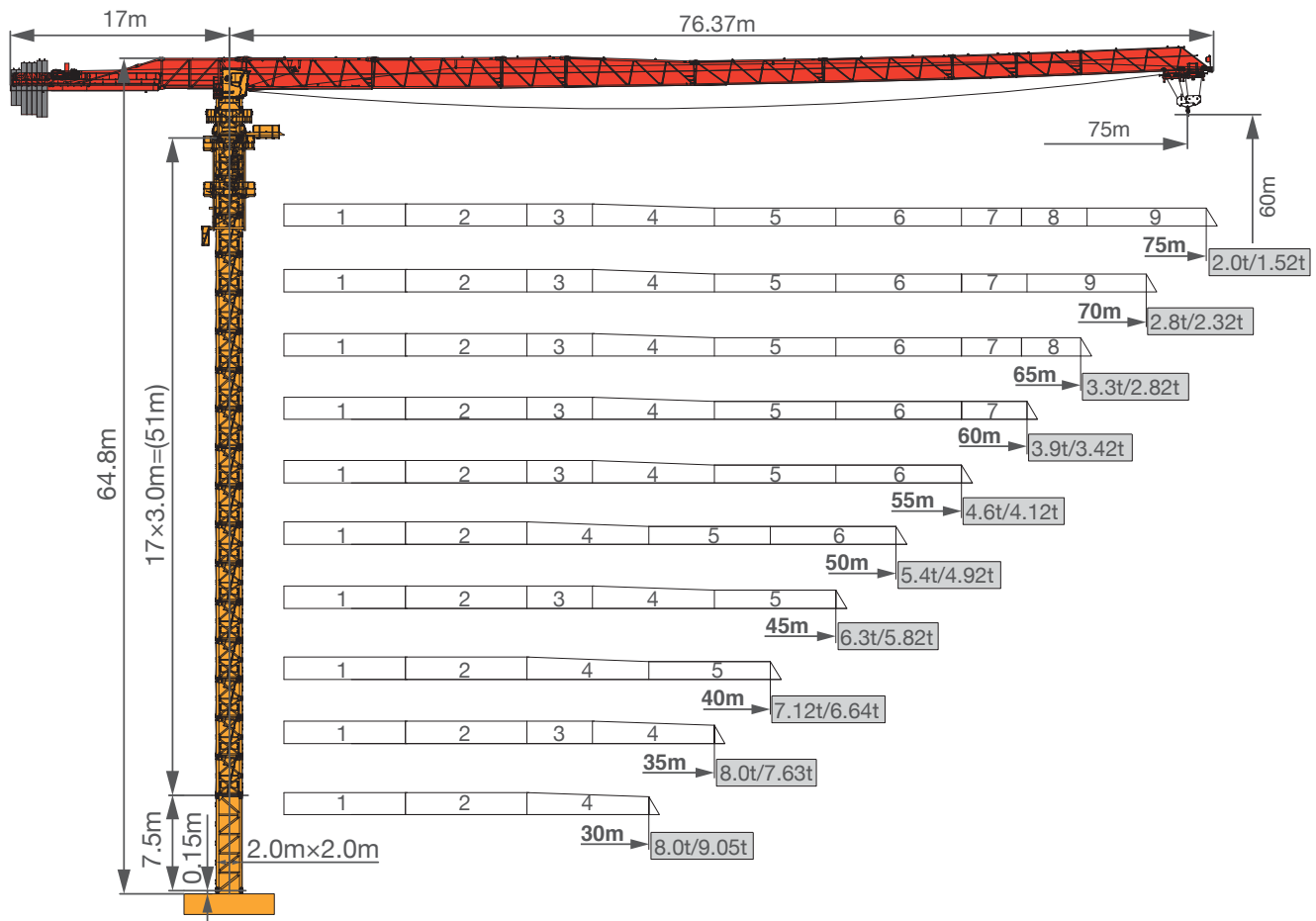


**Better World
Better SANY Crane**

SANY CRANE

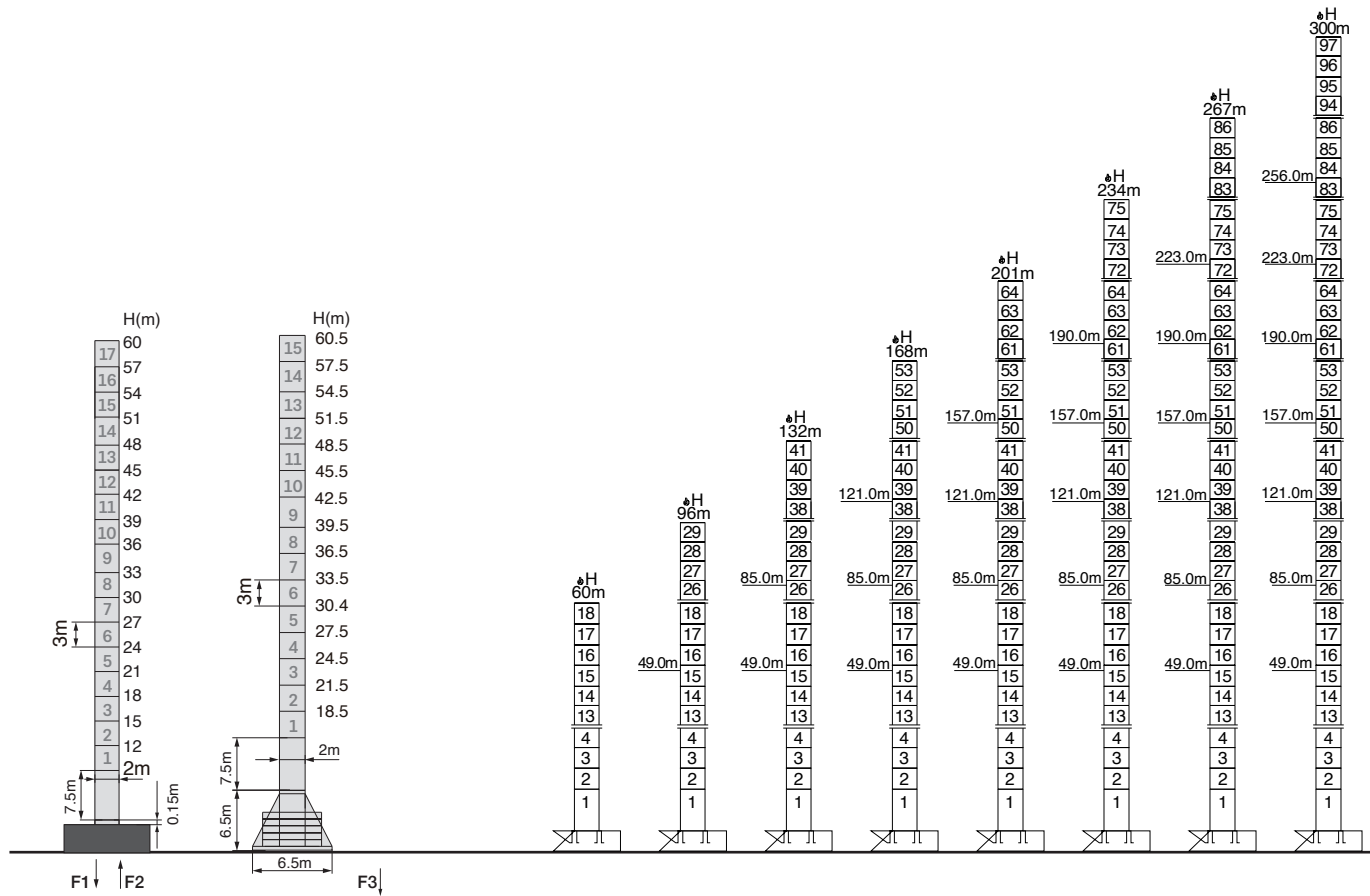


Jib Length & Tip Load 臂长组合及吊重



Masts 塔身

Anchorage 附着



Fixing outrigger 支腿固定式

F1	Reactions in service 工作状态反力	148.6t
	Reactions out of service 非工作状态反力	191.8t
F2	Reactions in service 工作状态反力	95.6t
	Reactions out of service 非工作状态反力	147.5t
Freestanding height, dead weight at the max. jib (without counter weight, lifting weight nor ballast) 独立高度, 最长起重臂时自重(不含平衡重、吊重、压重)		66.8t

Fixing underframe 底架固定式

F3	Reactions in service 工作状态反力	94.2t
	Reactions out of service 非工作状态反力	104.4t
Freestanding height, dead weight at the max. jib (without counter weight, lifting weight nor ballast) 独立高度, 最长起重臂时自重(不含平衡重、吊重、压重)		82.9t

Load Diagrams 起重特性表

radius/m 幅度 (m)	the max. capacity/t 最大起重重量	10	15	20	25	30	35	40	45	50	55	60	65	70	75		
75		4.5-26.49/8t				8.00		6.79	5.63	4.77	4.10	3.57	3.14	2.78	2.48	2.22	2.00
		3.5-13.97/16t		16.00	14.77	10.46	7.95	6.31	5.15	4.29	3.62	3.09	2.66	2.30	2.00	1.74	1.52
70		4.5-30.94/8t				8.00		6.80	5.79	5.01	4.38	3.88	3.46	3.10	2.80		
		3.5-16.22/16t		16.00	12.56	9.61	7.68	6.32	5.31	4.53	3.90	3.40	2.98	2.62	2.32		
65		4.5-32.34/8t				8.00		7.17	6.11	5.29	4.64	4.11	3.67	3.30			
		3.5-16.94/16t		16.00	13.22	10.13	8.11	6.69	5.63	4.81	4.16	3.63	3.19	2.82			
60		4.5-33.85/8t				8.00		7.57	6.46	5.60	4.92	4.36	3.90				
		3.5-17.70/16t		16.00	13.93	10.70	8.58	7.09	5.98	5.12	4.44	3.88	3.42				
55		4.5-35.29/8t				8.00		7.95	6.79	5.89	5.18	4.60					
		3.5-18.43/16t		16.00	14.61	11.23	9.02	7.47	6.31	5.41	4.70	4.12					
50		4.5-36.49/8t				8.00		7.06	6.14	5.40							
		3.5-19.04/16t		16.00	15.18	11.68	9.40	7.78	6.58	5.66	4.92						
45		4.5-37.29/8t				8.00		7.25	6.30								
		3.5-19.45/16t		16.00	15.56	11.98	9.64	7.99	6.77	5.82							
40		4.5-36.74/8t				8.00		7.12									
		3.5-19.17/16t		16.00	15.30	11.78	9.47	7.85	6.64								
35		4.5-35.91/8t				8.00											
		3.5-18.75/16t		16.00	14.90	11.47	9.22	7.63									
30		4.5-35.37/8t				8.00											
		3.5-18.47/16t		16.00	14.56	11.26	9.05										

Counter-jib Ballast 平衡臂及平衡重组合表

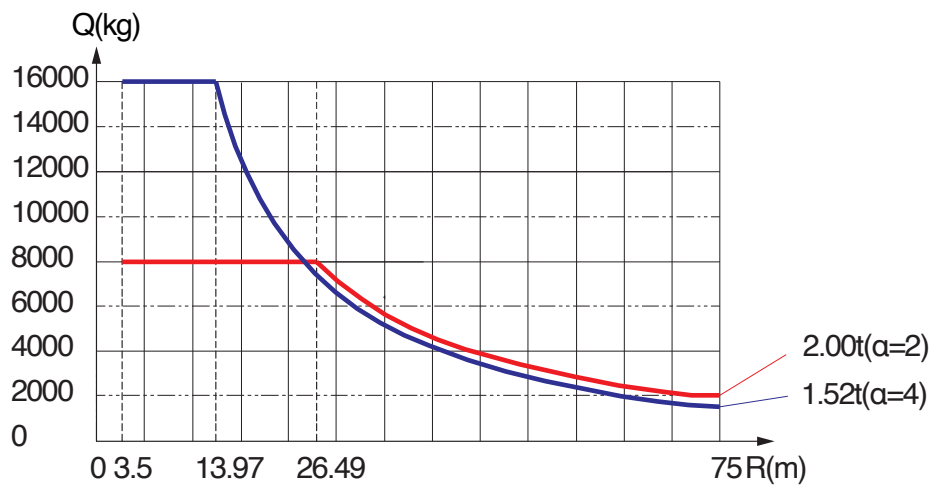
 (m)	 (kg)	 (1700kg)	 (3400kg)	 (4000kg)
75	21600	2	3	2
70	19900	1	3	2
65	18200	0	3	2
60	18200	0	3	2
55	16500	1	2	2
50	15900	1	3	1
45	15900	1	3	1
40	13100	1	1	2
35	12500	1	2	1
30	10800	0	2	1

Transmission Mechanisms 传动机构

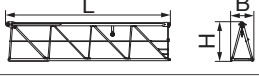
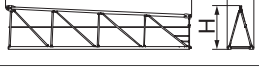
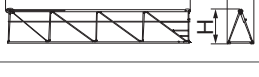
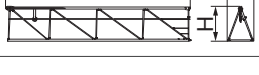
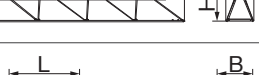
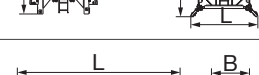
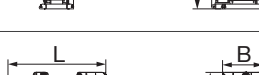
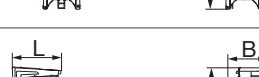
Transmission 传动	Legend 图例	Model 型号	Power 功率	Velocity 速度
Slewing 回转		YPWEF132M1-4F1-7.5kW-IC411	$2 \times 7.5\text{kW}$	0~0.7r/min
Trolleying 变幅		SXJ55.70PX	7.5kW	0~75m/min
Hoisting 起升		55QP40	55kW	0~100m/min
Voltage 电源电压	380V(±10%)		Power frequency 电源频率	50Hz

Note: please contact the manufacturer when the working rope capacity is more than 600m
 注：工作容绳量大于 600m 时请与厂家联系

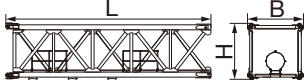
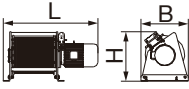
Curve of Lifting Capacity 起重性能曲线图



Packing List 运输部件

NO.	Description	Sketch	L(m)	B(m)	H(m)	Weight per unit (t)	Quantity
1	Jib section I 臂架 I		10.35	1.64	2.65	2.79	1
2	Jib section II 臂架 II		10.30	1.46	2.48	1.94	1
3	Jib section III 臂架 III		5.27	1.46	2.44	0.87	1
4	Jib section IV 臂架 IV		10.25	1.46	2.42	1.35	1
5	Jib section V 臂架 V		10.22	1.46	1.94	1.16	1
6	Jib section VI 臂架 VI		10.17	1.46	1.93	0.89	1
7	Jib section VII 臂架 VII		5.15	1.46	1.89	0.37	1
8	Jib section VIII 臂架 VIII		5.14	1.46	1.88	0.35	1
9	Jib section IX 臂架 IX		10.12	1.46	1.87	0.56	1
10	End jib 臂端节		1.68	0.85	1.36	0.14	1
11	Transition mast assembly 过渡节总成		2.62	2.62	2.48	2.54	1
12	Tower head 塔头		6.78	1.66	2.55	3.36	1
13	Hook 吊钩		1.85	0.32	1.86	0.58	1
14	Hoisting mechanism 起升机构		2.53	2.26	1.66	3.20	1
15	Slewing assembly 回转总成		5.40	2.24	2.54	5.43	1
16	Cabin 司机室		2.28	1.41	2.18	0.805	1

Packing List 运输部件

NO.	Description	Sketch	L(m)	B(m)	H(m)	Weight per unit (t)	Quantity
17	Trolley assembly 小车总成		3.76	2.37	1.33	0.68	1
18	Counter jib frame I 平衡臂架 I		11.7	1.66	0.82	2.99	1
19	Basic mast 基础节		7.81	2.09	2.09	4.38	1
20	Standard mast 标准节		3.31	2.13	2.13	1.46	17
21	Telescoping cage 爬升架		7.67	2.61	2.91	4.65	1
22	Trolleying mechanism 变幅机构		3.31	2.13	2.13	1.46	1



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Reminder:

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