



Quality Changes The World

SFT165(T6518-10H1)

SANY Tower Crane

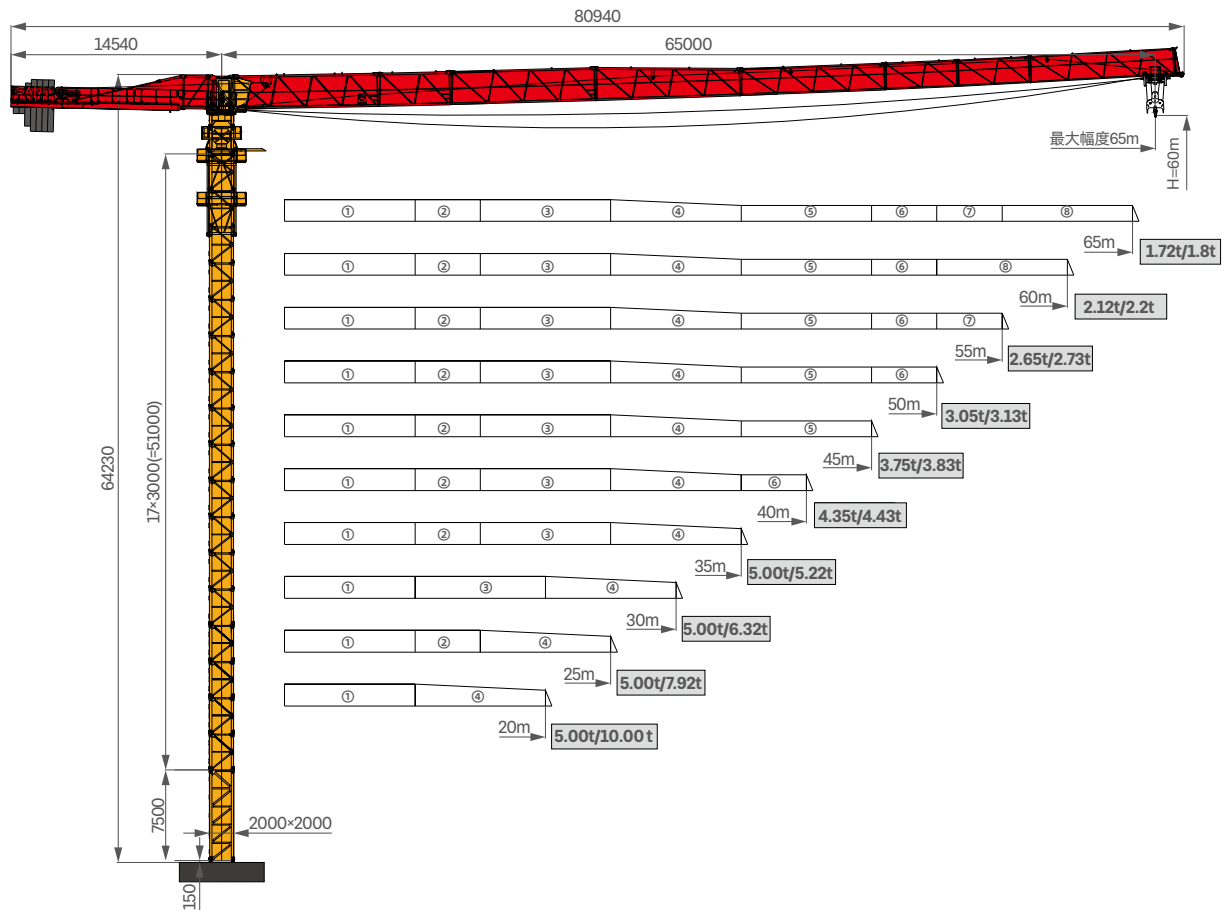


**Better World
Better SANY Crane**

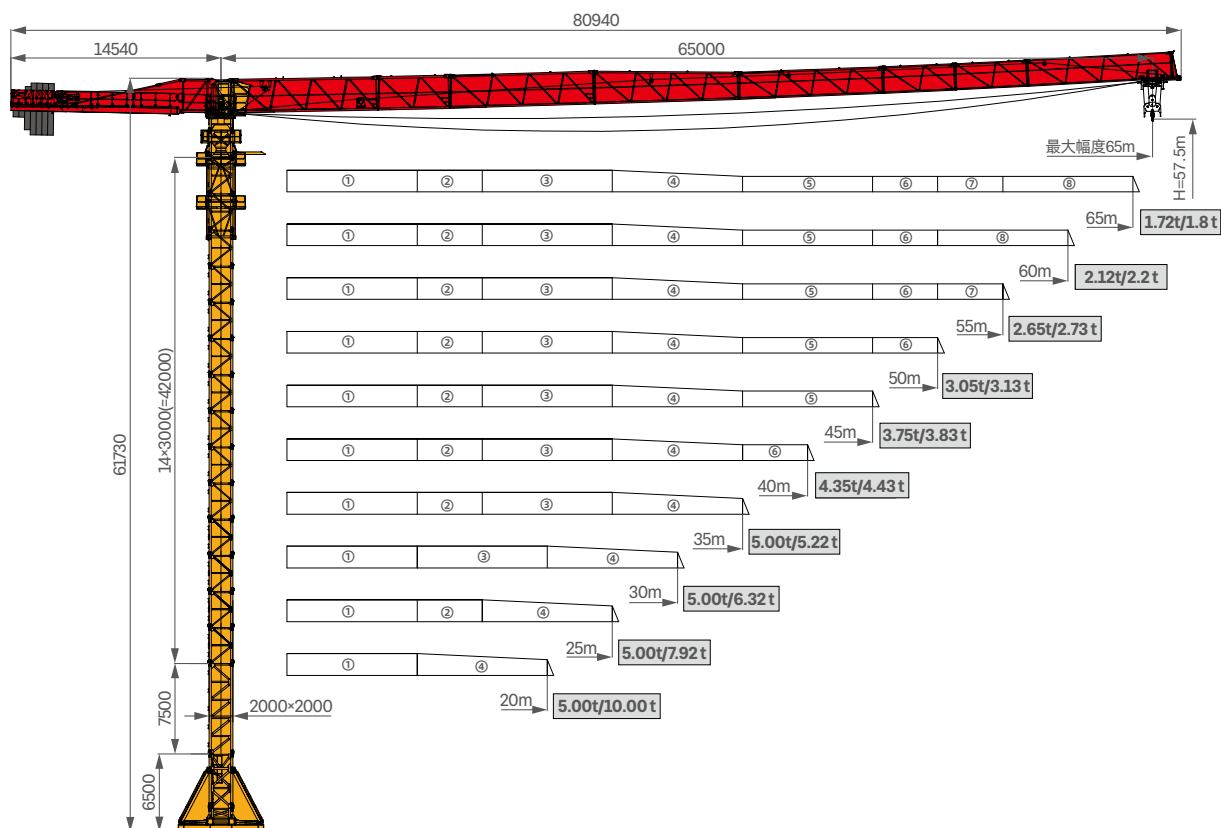
SANY CRANE



Jib Length & Tip Load 臂长组合及吊重



Jib Length & Tip Load 臂长组合及吊重



Counter-jib Ballast 平衡臂及平衡重组合表

平衡臂 (m)	平衡重 (kg)	(3.0t)	(2.5t)	(1.4t)
65	17300	4	1	2
60	15900	4	1	1
55	15900	4	1	1
50	14500	4	1	0
45	13400	4	0	1
40	12000	4	0	0
35	11500	3	1	0
30	9900	2	1	1
25	8500	2	1	0
20	7400	2	0	1

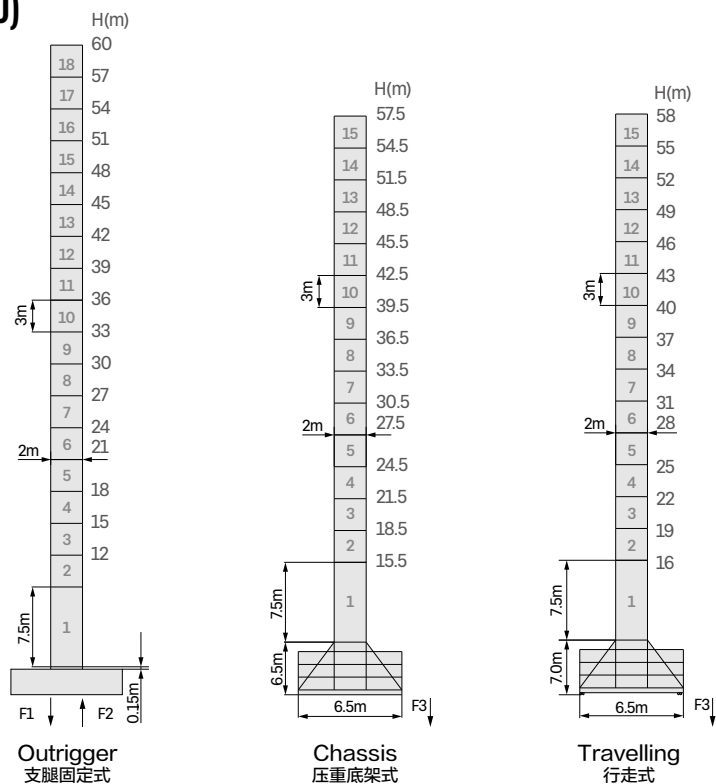
Load Diagrams 起重特性表

radius/m 幅度 (m)	the max. capacity/t 最大起重重量 (t)	radius/m 幅度 (m)	15	18	20	23	25	28	30	33	35	38	40
65	 5.00	2.5-29.88	5.00						4.98	4.60	4.12	3.72	3.49
	 10.00	2.5-16.37	10.00	9.15	7.93	7.09	6.10	5.32	4.89	4.52	4.04	3.64	3.41
60	 5.00	2.5-31.66	5.00							4.94	4.43	4.00	3.76
	 10.00	2.5-17.32	10.00	9.74	8.47	7.59	6.53	5.70	5.25	4.85	4.35	3.92	3.67
55	 5.00	2.5-33.97	5.00							5.00	4.82	4.37	4.10
	 10.00	2.5-18.56	10.00		9.18	8.22	7.09	6.20	5.71	5.29	4.74	4.28	4.02
50	 5.00	2.5-34.27	5.00							5.00	4.88	4.41	4.15
	 10.00	2.5-18.72	10.00		9.27	8.31	7.16	6.27	5.77	5.34	4.79	4.33	4.06
45	 5.00	2.5-36.16	5.00							5.00	5.00	4.71	4.43
	 10.00	2.5-19.73	10.00		9.85	8.83	7.62	6.67	6.15	5.70	5.12	4.63	4.34
40	 5.00	2.5-36.18	5.00							5.00	5.00	4.71	4.43
	 10.00	2.5-19.74	10.00		9.85	8.83	7.62	6.68	6.16	5.70	5.12	4.63	4.35
35	 5.00	2.5-35.00	5.00							5.00	5.00		
	 10.00	2.5-20.05		10.00		8.99	7.76	6.80	6.27	5.81	5.22		
30	 5.00	2.5-30.00	5.00										
	 10.00	2.5-20.17		10.00		9.06	7.82	6.85	6.32				
25	 5.00	2.5-25.00	5.00										
	 10.00	2.5-20.39		10.00		9.17	7.92						
20	 5.00	2.5-20.00		5.00									
	 10.00	2.5-20.00		10.00									

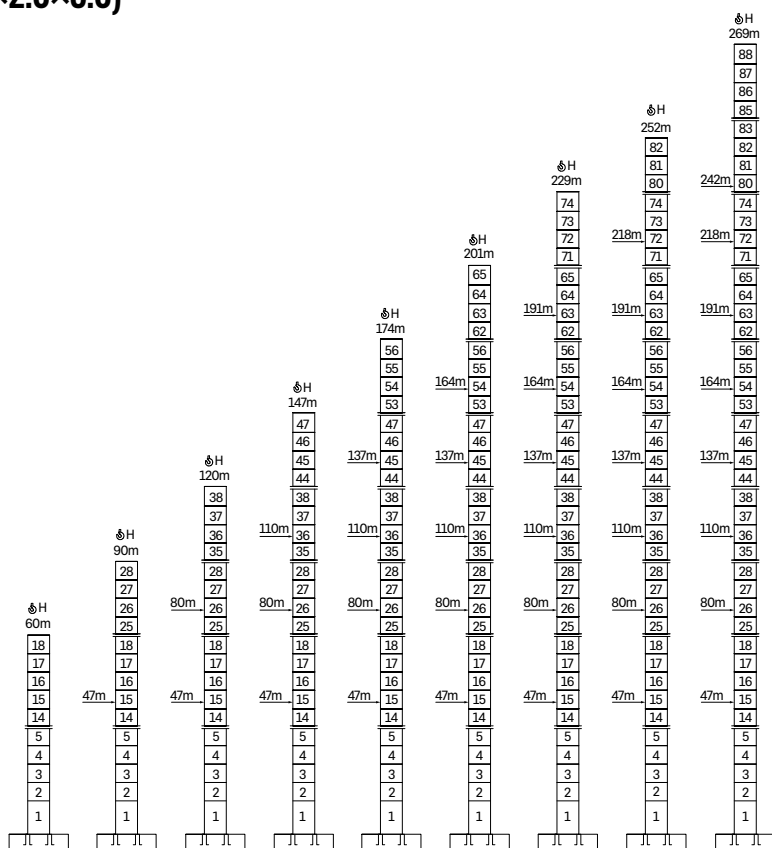
Load Diagrams 起重特性表

radius/m 幅度 (m)	the max. capacity/t 最大起重重量 (t)	radius/m 幅度 (m)	43	45	48	50	53	55	58	60	63	65
65	 5.00	2.5-29.88	3.28	3.00	2.75	2.61	2.47	2.29	2.12	2.02	1.89	1.80
	 10.00	2.5-16.37	3.20	2.91	2.67	2.52	2.39	2.21	2.04	1.94	1.80	1.72
60	 5.00	2.5-31.66	3.53	3.23	2.98	2.82	2.68	2.48	2.31	2.20		
	 10.00	2.5-17.32	3.45	3.15	2.89	2.74	2.59	2.40	2.22	2.12		
55	 5.00	2.5-33.97	3.86	3.54	3.26	3.09	2.94	2.73				
	 10.00	2.5-18.56	3.78	3.46	3.18	3.01	2.86	2.65				
50	 5.00	2.5-34.27	3.90	3.58	3.30	3.13						
	 10.00	2.5-18.72	3.82	3.50	3.22	3.05						
45	 5.00	2.5-36.16	4.17	3.83								
	 10.00	2.5-19.73	4.09	3.75								

Masts 塔身 (2.0×2.0×3.0)



Anchorage 附着 (2.0×2.0×3.0)



Outrigger 支腿固定式

F1	Reactions in service 工作状态反力	166.34t
	Reactions out of service 非工作状态反力	206.34t
F2	Reactions in service 工作状态反力	112.67t
	Reactions out of service 非工作状态反力	161.02t
Freestanding height, dead weight at the max. jib (without counter weight, lifting weight) 独立高度, 最长起重臂时自重(不含平衡重、吊重)		61.02t

Outrigger 底架固定式 / 行走式

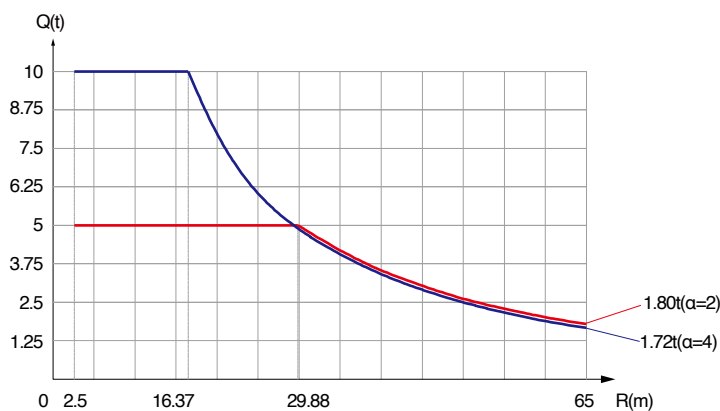
F3	Reactions in service 工作状态反力	143.6t
	Reactions out of service 非工作状态反力	183.1t
Freestanding height, dead weight at the max. jib (without counter weight, lifting weight nor ballast) 独立高度, 最长起重臂时自重(不含平衡重、吊重、压重)		75.42t

Transmission Mechanisms 传动机构

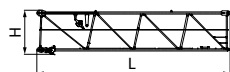
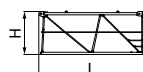
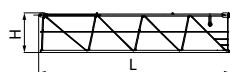
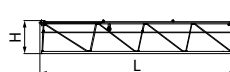
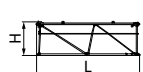
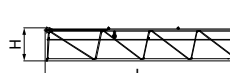
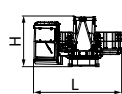
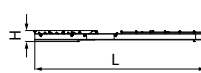
Transmission Mechanisms 传动机构		Model 型号	Power 功率	Velocity 速度
Hoisting 起升机构		SQT37P33K127	37kW	0~110m/min
Slewing 回转机构		HPZ55.130.195-4F1 HPZ55.130.195-4F2	2x5.5kW	0~0.7r/min
Trolleying 变幅机构		SXJ55.70P	5.5kW	0~80m/min
Travelling 行走机构		RT544	4 × 5.2kW	0~25m/min
Voltage 电源电压		380V(± 10%)	Frequency 电源频率	50Hz

Note: please contact the manufacturer when the working rope capacity is more than 540m

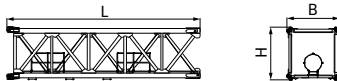
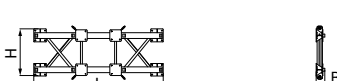
注: 当起升机构工作容绳量大于 540m 时请与厂家联系。

Curve of Lifting Capacity 起重性能曲线图

Packing List 运输部件

NO. 序号	Description 名称	Sketch 形状	L(m) 长	B(m) 宽	H(m) 高	Weight per unit (t) 单件重量 (t)	Quantity 数量	
1	Boom I 臂架 I			10.24	1.315	2.56	2.281	1
2	Boom II 臂架 II			5.27	1.135	2.38	0.900	1
3	Boom III 臂架 III			10.20	1.135	2.35	1.446	1
4	Boom IV 臂架 IV			10.18	1.135	2.32	1.079	1
5	Boom V 臂架 V			10.16	1.135	1.92	0.913	1
6	Boom VI 臂架 VI			5.17	1.135	1.89	0.395	1
7	Boom VII 臂架 VII			5.13	1.135	1.88	0.332	1
8	Boom VIII 臂架 VIII			10.13	1.135	1.88	0.597	1
9	Tip Mast 臂尖节			0.37	1.135	1.37	0.1	1
10	Slewing assembly 回转总成			5.126	2.895	3.115	4.354	1
11	Counter-Jib 1 平衡臂节 1			3.35	1.49	0.87	0.844	1
12	Counter-Jib 2 平衡臂节 2			11.58	1.54	0.92	2.542	1

Packing List 运输部件

NO. 序号	Description 名称	Sketch 形状	L(m) 长	B(m) 宽	H(m) 高	Weight per unit (t) 单件重量 (t)	Quantity 数量
13	Transition mast assembly 过渡节总成		2.62	2.62	2.48	2.54	1
14	Basic Mast 基础节		7.81	2.09	2.09	4.38	1
15	Standard section 标准节		3.31	2.13	2.13	1.46	17
16	Telescoping cage 爬升架		7.67	2.61	2.91	4.65	1
17	Trolley 小车		2.08	2.05	1.32	0.384	1
18	Hook 吊钩		1.16	0.34	1.78	0.389	1
19	Cab 司机室		2.28	1.41	2.18	0.805	1
20	Hoisting Mechanis 起升机构		1.97	1.9	1.02	1.95	1
21	Trolleying mechanism 变幅机构		1.32	0.6	0.67	0.49	1
22	Undercarriage Support Section 底架支撑节		2.8	2.3	2.3	1.15	1
23	Undercarriage Support 底架支座		6.05	0.45	2.16	1.66	1
24	Travelling Mechanism 行走机构		1.25	1.35	1.0	0.75	4



SANY GROUP CRANE BU

SANY Tower Crane Industrial Park, No.168 Jinzhou Avenue, Jinzhou Development Zone, Changsha City,
Hunan Province, P.R. China Zip 410600
Consulting sanycrane@sanygroup.com (Crane BU) / crd@sany.com.cn (IHQ)
After-sales Service 0086-400 6098 318

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三一集团起重机械事业部

中国湖南长沙金洲开发区金洲大道 168 号 三一塔式起重机产业园 邮编：410600
咨询：sanycrane@sanygroup.com（起重事业部）/ crd@sany.com.cn（国际总部）
海外售后服务：0086-400 6098 318

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