



SFT1170(T80105-50)

SANY Tower Crane
三一重工塔式起重机

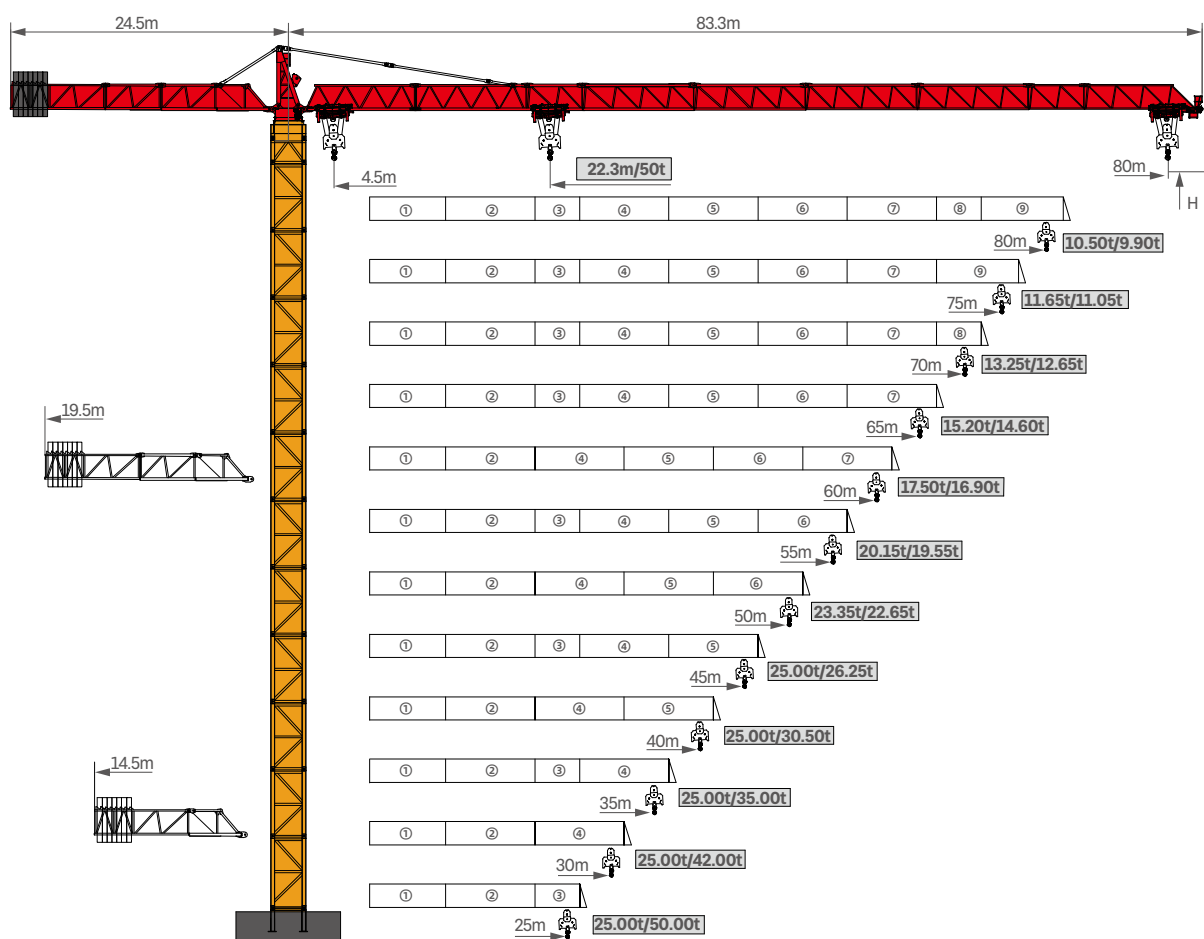


**Better World
Better SANY Crane**

SANY CRANE



Jib Length & Tip Load 臂长组合及吊重



Load Diagrams 起重特性表

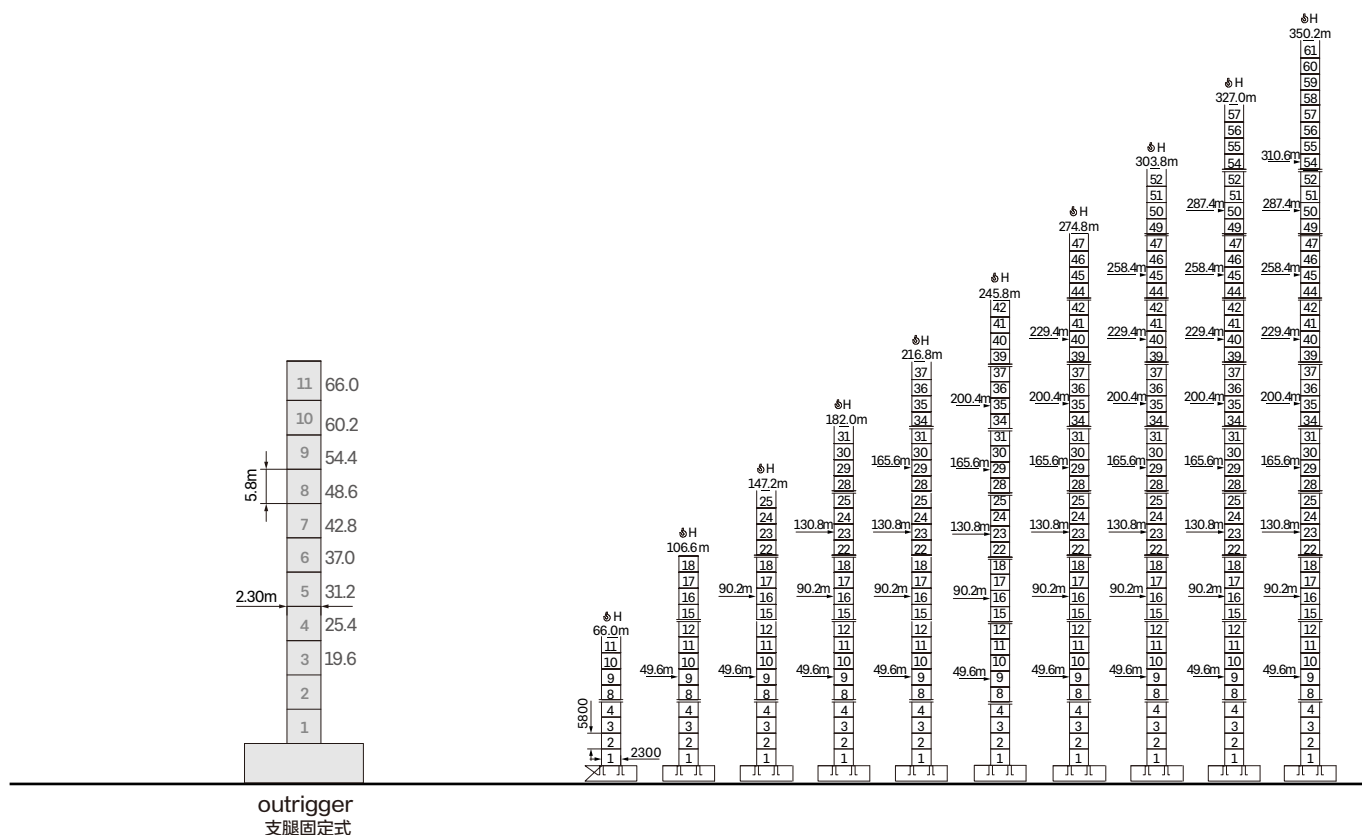
radius/m 幅度 (m)	the max. capacity/t 最大起重重量 (t)	radius/m 幅度 (m)	20	25	30	35	40	45	50	55	60	65	70	75	80
80	 25.0	41.5	25.00					22.63	19.86	17.59	15.70	14.10	12.73	11.55	10.50
	 50.0	22.3	50.00	44.00	35.73	29.83	25.40	21.96	19.20	16.95	15.07	13.48	12.11	10.93	9.90
75	 25.0	41.8	25.00					22.82	20.03	17.74	15.84	14.23	12.85	11.65	
	 50.0	22.5	50.00	44.35	36.03	30.08	25.62	22.15	19.38	17.10	15.21	13.61	12.24	11.05	
70	 25.0	42.7	25.00					23.45	20.59	18.25	16.31	14.66	13.25		
	 50.0	23.0	50.00	45.50	36.98	30.90	26.34	22.78	19.25	17.63	15.70	14.05	12.65		
65	 25.0	43.8	25.00					24.22	21.29	18.89	16.89	15.20			
	 50.0	23.6	50.00	46.92	38.17	31.92	27.23	23.58	20.66	18.27	16.28	14.60			
60	 25.0	45.0	25.00						21.98	19.55	17.50				
	 50.0	24.3	50.00	48.40	39.40	32.97	28.15	24.40	21.40	18.95	16.90				
55	 25.0	46.2	25.00						22.68	20.15					
	 50.0	24.9	50.00	49.73	40.51	33.92	28.98	25.14	22.07	19.55					
50	 25.0	47.3	25.00						23.35						
	 50.0	25.4	50.00		41.48	34.75	29.71	25.79	22.65						
45	 25.0	45.0	25.00												
	 50.0	25.8	50.00		42.18	35.35	30.23	26.25							
40	 25.0	40.0	25.00												
	 50.0	26.0	50.00		42.53	35.65	30.50								
35	 25.0	35.0	25.00												
	 50.0	25.5	50.00		41.77	35.00									
30	 25.0	30.0	25.00												
	 50.0	25.7	50.00		42.0										
25	 25.0	25.0	25.00												
	 50.0	25.0	50.00												

Counter-jib Ballast 平衡臂及平衡重组合表

 (m)	 (5.50t)	 (9.50t)	 (12.50t)	 (t)
80	2	2	3	67.50
75	1	1	4	65.00
70	1	1	4	65.00
65	1	2	3	62.00
60	1	1	5	77.50
55	1	1	5	77.50
50	2	1	4	70.50
45	2	1	4	70.50
40	1	1	4	65.00
35	0	0	5	62.50
30	1	1	5	77.50
25	2	1	4	70.50

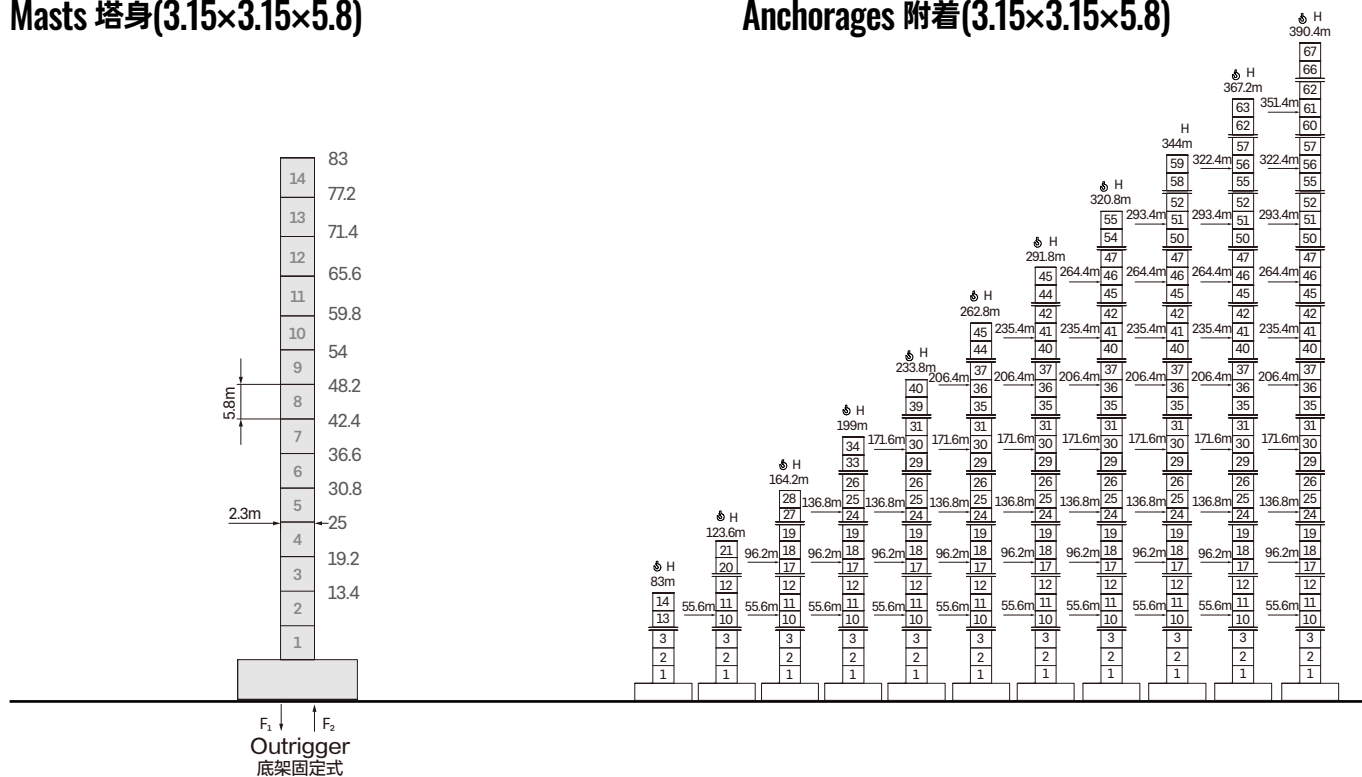
Masts 塔身(2.3×2.3×5.8)

Anchorage 附着(2.3×2.3×5.8)



Masts 塔身(3.15×3.15×5.8)

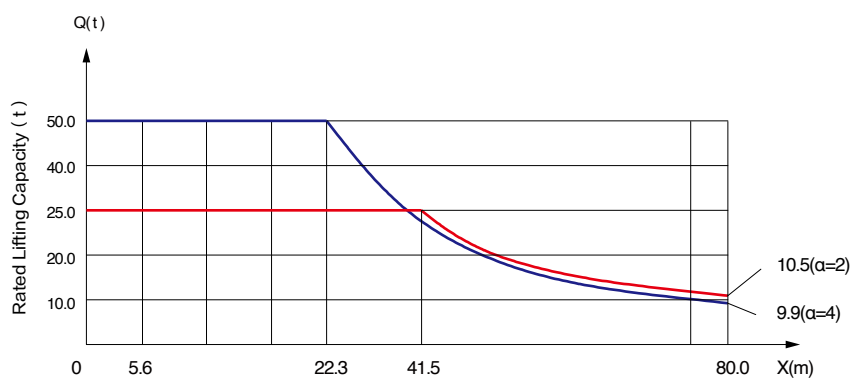
Anchorage 附着(3.15×3.15×5.8)



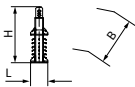
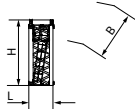
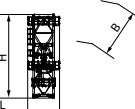
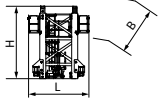
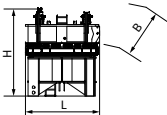
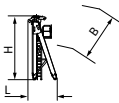
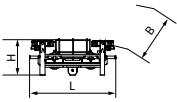
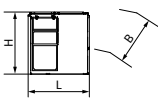
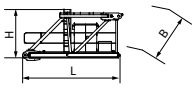
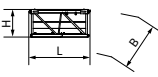
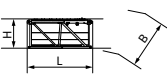
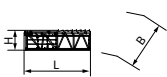
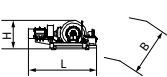
Transmission Mechanisms 传动机构

Transmission Mechanisms 传动机构		unit 单位	a=2			a=4			rope capacity 容绳量	kW
			III	IV	V	III	IV	V		
Hoisting 起升机构		m/min	32	64	85	16	32	40	1400m	160
		t	25	12.5	6.25	50	25	12.5		
Slewing 回转机构		r/min	0-0.7							3 × 11
Trolleying 变幅机构		m/min	0~70							18.5
Travelling 行走		m/min	0~15							8 × 5.2
Voltage 电源电压	380v(± 10%),50Hz	380V (± 10%) , 50HZ								211.5+41.6

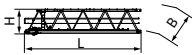
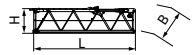
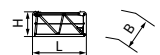
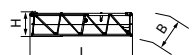
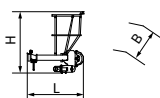
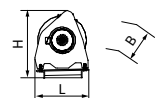
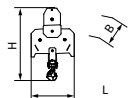
Curve of Lifting Capacity 起重性能曲线图



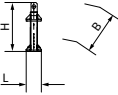
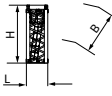
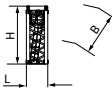
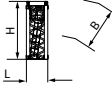
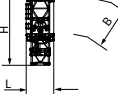
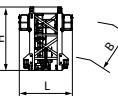
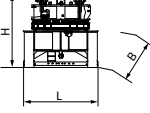
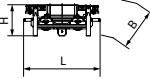
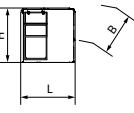
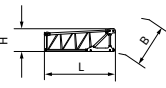
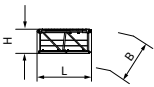
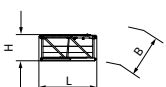
Packing List 运输部件 (2.3×2.3×5.8)

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	Outrigger 支腿 (4 个)		0.760	2.480	0.700	1.446	4
2	Standard section 标准节		2.300	2.300	6.240	8.903	11
3	Climbing frame 爬升架		4.500	5.097	11.950	16.000	1
4	Transitional section 过渡节		3.747	3.300	4.400	5.234	1
5	Slewing mechanism 回转总成		2.550	2.800	2.982	16.169	1
6	Tower head 塔头		2.455	2.010	5.520	5.557	1
7	Trolley 小车		3.719	3.030	1.528	2.400	1
8	Cab 司机室		2.256	1.432	2.248	0.310	1
9	Counter jib I 平衡臂 I		5.090	1.810	2.395	3.608	1
10	Counter jib II 平衡臂 II		5.270	1.810	2.395	4.244	1
11	Counter jib III 平衡臂 III		5.340	1.810	2.395	2.832	1
12	Counter jib IV 平衡臂 IV		8.280	1.810	2.395	3.767	1
13	Hoisting mechanism (wire rope excluded) 起升机构 (不含钢丝绳)		4.678	3.183	1.962	10.752	1

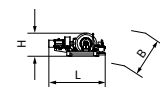
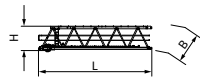
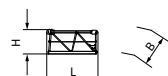
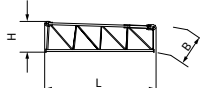
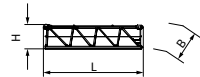
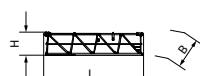
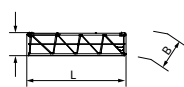
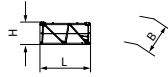
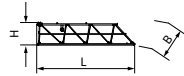
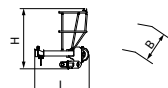
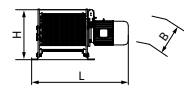
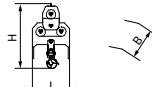
Packing List 运输部件 (2.3×2.3×5.8)

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
14	Jib section I 臂架 I		11.805	1.900	2.415	7.036	1
15	Jib section II 臂架 II		10.330	1.900	2.465	6.458	1
16	Jib section III 臂架 III		5.380	1.900	2.465	3.918	1
17	Jib section IV 臂架 IV		10.415	1.900	2.500	6.374	1
18	Jib section V 臂架 V		10.400	1.900	2.500	4.603	1
19	Jib section VI 臂架 VI		10.352	1.900	2.367	3.296	1
20	Jib section VII 臂架 VII		10.317	1.900	2.357	2.365	1
21	Jib section VIII 臂架 VIII		5.280	1.900	2.282	0.968	1
22	Jib section IX 臂架 IX		10.197	1.900	2.210	1.494	1
23	Jib end section 臂端节		1.394	2.180	1.563	0.401	1
24	Trolleying mechanism 变幅机构		0.800	2.200	0.630	1.024	1
25	Hook 吊钩		0.390	1.900	3.185	2.200	1

Packing List 运输部件 (3.15×3.15×5.8)

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	Outrigger 支腿 (4个)		0.70	0.70	2.44	1.37	4
2	Basic mast 基础节		3.150	3.150	5.800	11.40	1
3	Reinforced section 加强节		3.150	3.150	5.800	11.40	3
4	Standard section 标准节		3.150	3.150	5.800	10.70	10
5	Climbing frame 爬升架 (含油缸)		5.590	5.40	12.26	18.18	1
6	Transition section 过渡节		4.67	3.99	4.440	14.08	1
7	Slewing mechanism 回转总成		3.22	3.20	3.25	21.05	1
8	Trolley 小车		3.719	3.030	1.528	2.450	1
9	Cab 司机室		2.256	1.432	2.248	0.310	1
10	Counter jib I 平衡臂 I		8.990	1.910	2.895	12.608	1
11	Counter jib II 平衡臂 II		5.270	1.810	2.895	2.944	1
12	Counter jib III 平衡臂 III		5.340	1.810	2.395	2.832	1
13	Counter jib IV 平衡臂 IV		8.280	1.810	2.395	7.567	1

Packing List 运输部件 (3.15×3.15×5.8)

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
14	Hoisting mechanism 起升机构		4.078	3.183	2.162	11.752	1
15	Jib section I 臂节 I		10.805	1.900	2.975	13.036	1
16	Jib section II 臂架 II		10.330	1.900	2.965	9.658	1
17	Jib section III 臂架 III		5.540	1.900	2.565	2.618	1
18	Jib section IV 臂架 IV		10.415	1.900	2.870	7.403	1
19	Jib section V 臂架 V		10.400	1.900	2.900	6.374	1
20	Jib section VI 臂架 VI		10.352	1.900	2.567	3.896	1
21	Jib section VII 臂架 VII		10.017	1.900	2.157	2.165	1
22	Jib section VIII 臂架 VIII		5.280	1.900	2.282	0.968	1
23	Jib section IX 臂架 IX		10.097	1.900	2.310	1.334	1
24	Tip Jib 臂端节		1.394	2.180	1.563	0.401	1
25	Trolleying mechanism 变幅机构		2.300	0.840	0.760	1.244	1
26	Hook 吊钩		2.200	0.390	2.800	2.400	1



SANY GROUP CRANE BU

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