



Quality Changes The World

SYT1100(T80116-42)

SANY Tower Crane
三一重工塔式起重机

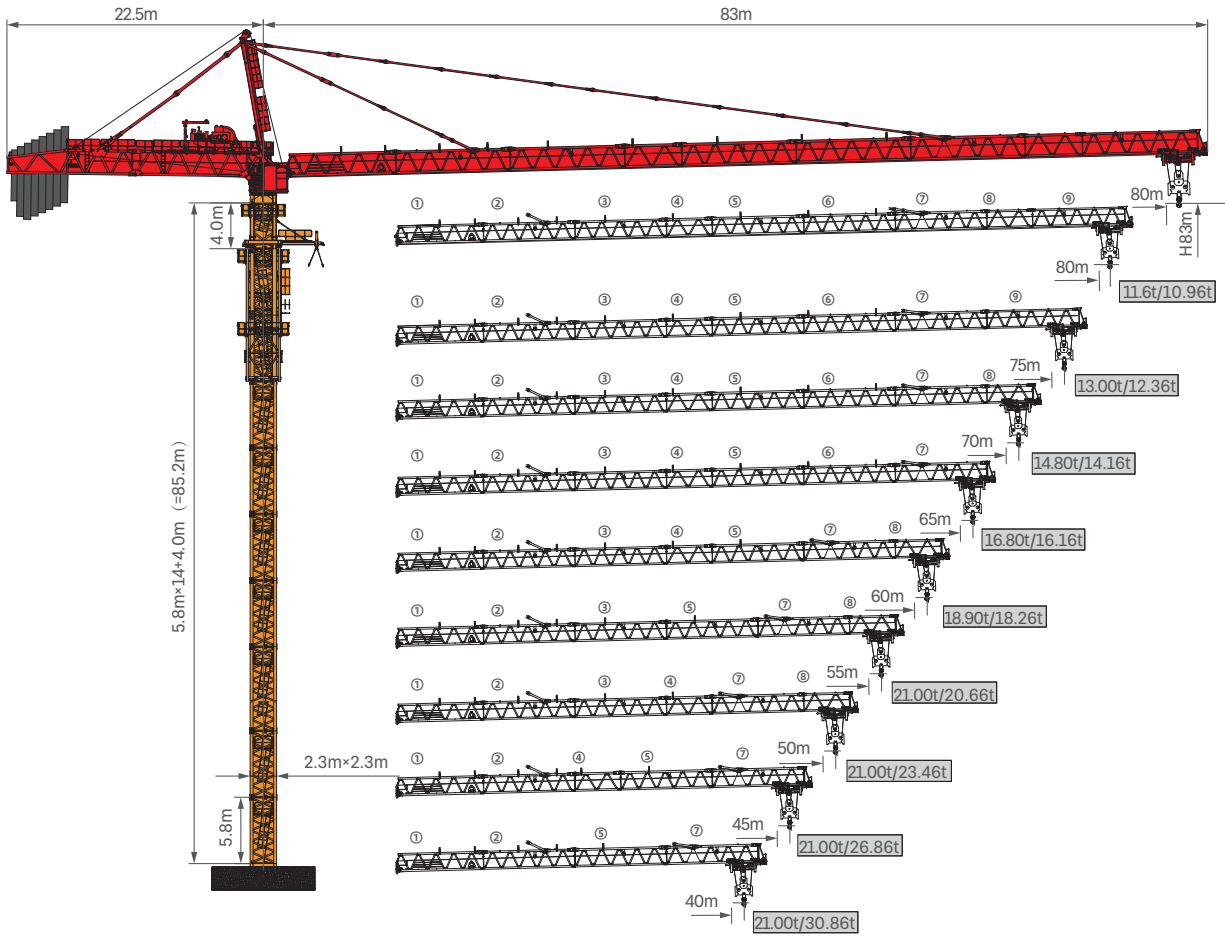


**Better World
Better SANY Crane**

SANY CRANE



Jib Length & Tip Load 臂长组合及吊重 (2.31×2.31×5.8)

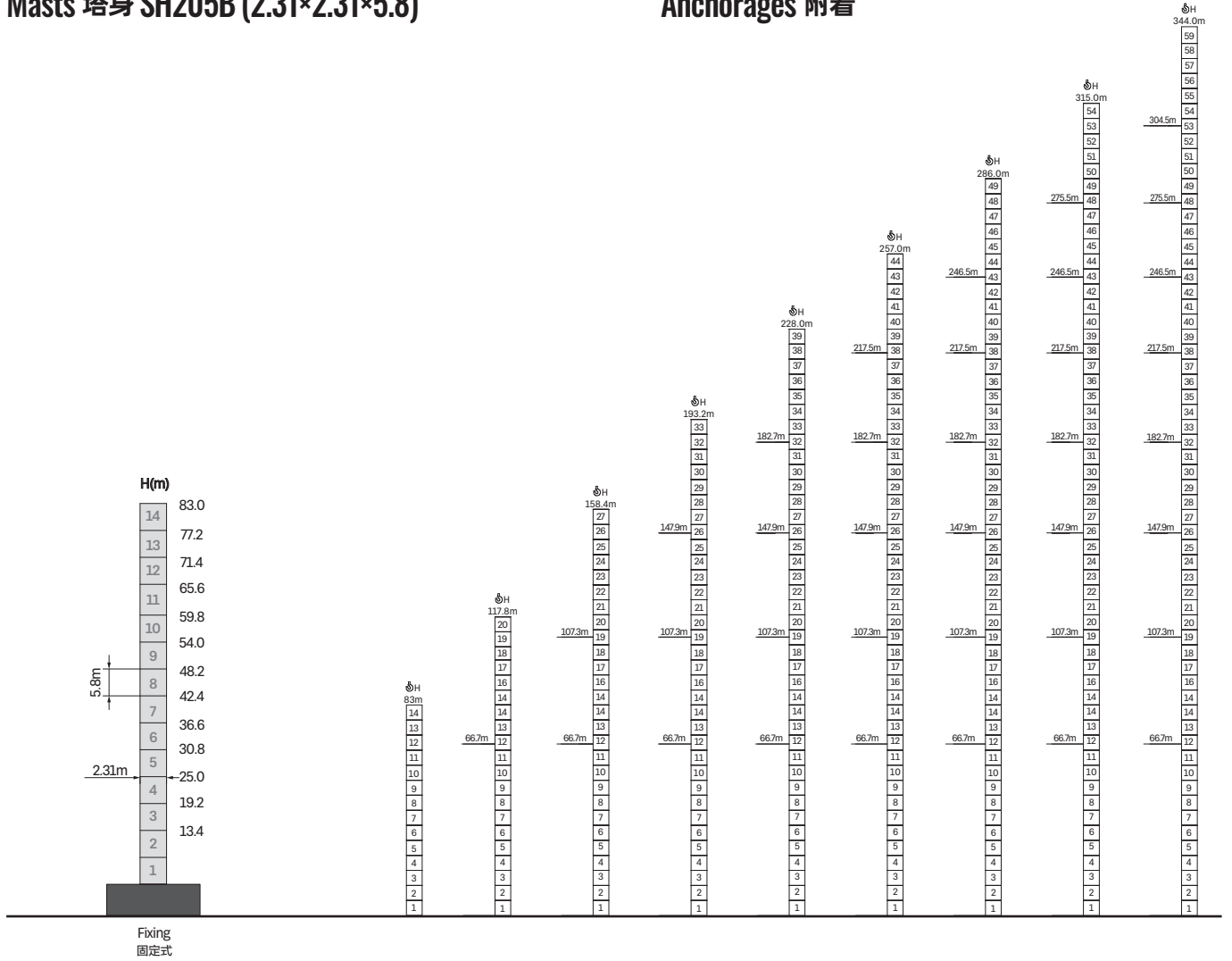


Load Diagrams 起重特性表

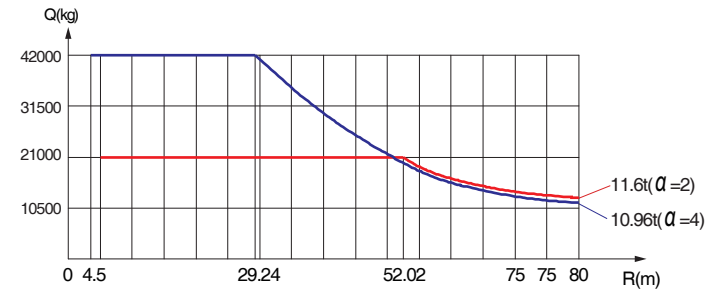
radius/m 幅度 (m)	the max. capacity/t 最大起重量	16	18	20	22	25	28	30	32	35	38	40	42	45	48	50	52	55	58	60	63	65	68	70	73	75	77	80
80	4.5-52.02/21t									21.00								19.53	18.21	17.40	16.29	15.61	14.66	14.08	13.26	12.75	12.27	11.60
	4.5-29.24/42t			42.00				40.71	37.65	33.75	30.48	28.59	26.88	24.61	22.34	21.46	20.37	18.89	17.57	16.76	15.65	14.97	14.02	13.44	12.62	12.11	11.63	10.96
75	4.5-52.70/21t									21.00								19.87	18.53	17.71	16.59	15.89	14.93	14.34	13.51	13.00		
	4.5-29.61/42t			42.00				41.35	38.24	34.29	30.98	29.06	27.33	25.03	23.03	21.83	20.73	19.23	17.89	17.07	15.95	15.25	14.29	13.70	12.87	12.36		
70	4.5-53.90/21t									21.00								20.46	19.08	18.25	17.10	16.39	15.41	14.80				
	4.5-30.27/42t			42.00				39.27	35.22	31.84	29.87	28.10	25.75	23.70	22.48	21.35	19.82	18.44	17.61	16.46	15.75	14.77	14.16					
65	4.5-54.89/21t									21.00								20.94	19.55	18.69	17.52	16.80						
	4.5-30.81/42t			42.00				40.13	36.00	32.55	30.55	28.75	26.35	24.26	23.02	21.87	20.30	18.91	18.05	16.88	16.16							
60	4.5-55.34/21t									21.00								19.76	18.90									
	4.5-31.06/42t			42.00				40.52	36.36	32.88	30.86	29.04	26.63	24.52	23.26	22.10	20.53	19.12	18.26									
55	4.5-55.00/21t									21.00																		
	4.5-31.21/42t			42.00				40.75	36.57	33.07	31.05	29.22	26.79	24.67	23.41	22.24	20.66											
50	4.5-50.00/21t									21.00																		
	4.5-31.26/42t			42.00				40.84	36.64	33.14	31.11	29.28	26.86	24.73	23.46													
45	4.5-45.00/21t									21.00																		
	4.5-31.27/42t			42.00				40.86	36.66	33.16	31.13	29.29	26.86															
40	4.5-40.00/21t									21.00																		
	4.5-31.06/42t			42.00				40.52	36.36	32.88	30.86																	

Masts 塔身 SH205B (2.31×2.31×5.8)







Anchorage 附着







Curve of Lifting Capacity 起重性能曲线图



Counter-jib Ballast 平衡臂及平衡重组合表

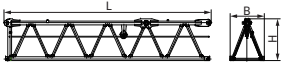
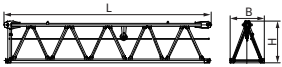
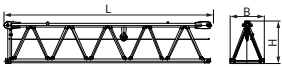
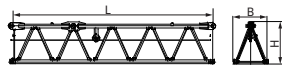
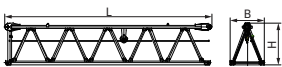




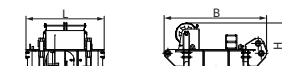

 (m)	 (m)	 (12500kg)	 (10000kg)	 (6000kg)	 (kg)
80	20.8	6	1	1	91000
75	20.8	6	1	0	85000
70	20.8	6	0	1	81000
65	20.8	5	1	1	78500
60	20.8	5	1	0	72500
55	20.8	4	1	1	66000
50	20.8	4	0	1	56000
45	20.8	4	0	0	50000
40	20.8	3	1	0	47500

Transmission Mechanisms 传动机构


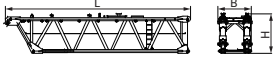
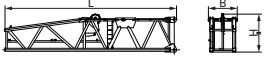


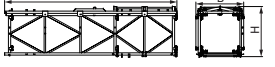


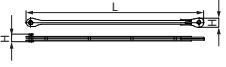
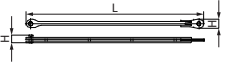
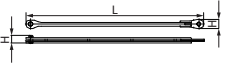
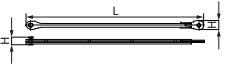
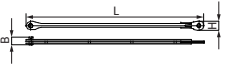

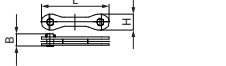
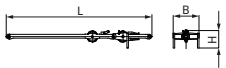

Transmission 传动	Legend 图例	Model 型号	Power 功率	Velocity 速度
Slewing 回转		STH11A	3 × 11kw	0-0.6r/min
Trolleying 变幅		SXJ18.80P	18.5kw	0-68m/min
Hoisting 起升		132QP105A-L	132kW	0-192m/min
Voltage 电源电压		380V(±10%), 50Hz		

Note: please contact the manufacturer when the working rope capacity is more than 1100m
注：工作绳容量大于 1100m 时请与厂家联系

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	Jib section I 臂架 I		10.35	1.97	2.32	4.10	1
2	Jib section II 臂架 II		10.35	1.70	2.10	3.40	1
3	Jib section III 臂架 III		10.35	1.70	2.10	3.25	1
4	Jib section IV 臂架 IV		5.35	1.70	2.08	1.75	1
5	Jib section V 臂架 V		10.35	1.70	2.10	3.30	1
6	Jib section VI 臂架 VI		10.35	1.70	2.10	3.25	1
7	Jib section VII 臂架 VII		10.35	1.70	2.10	3.40	1
8	Jib section VIII 臂架 VIII		5.30	1.70	2.05	1.40	1
9	Jib section IX 臂架 IX		10.30	1.70	2.03	2.55	1
10	End jib section 臂端节		1.25	1.95	2.35	0.60	1
11	Transition mast assembly 过渡节结构		4.00	2.30	2.30	5.25	1
12	Support frame 撑架		10.95	2.10	1.90	8.50	1
13	Hook 吊钩		1.90	0.43	3.25	2.25	1
14	Hoisting mechanism 起升机构		3.56	2.30	1.90	10.00	1
15	Upper support 上支座		2.50	3.30	1.55	6.10	1
16	Lower support 下支座		2.53	3.05	1.23	4.67	1
17	Cabin 司机室		2.28	1.41	2.18	0.81	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
18	Trolley assembly 小车总成		3.85	2.81	1.50	2.40	1
19	Counter-jib section I 平衡臂臂架 I		11.60	2.10	2.50	8.20	1
20	Counter-jib section II 平衡臂臂架 II		11.50	1.95	2.35	7.40	1
21	Standard mast 标准节		5.80	2.31	2.31	5.63	10
22	Strengthen section 加强节		5.80	2.31	2.31	6.20	4
23	Telescoping cage 爬升架		11.44	3.18	3.30	12.10	1
24	Jib pulling plate 1 起重臂拉板 1		5.95	0.25	0.30	0.60	6
25	Jib pulling plate 2 起重臂拉板 2		5.55	0.25	0.30	0.56	1
26	Jib pulling plate 3 起重臂拉板 3		5.25	0.25	0.30	0.53	1
27	Jib pulling plate 4 起重臂拉板 4		5.23	0.25	0.30	0.53	1
28	Jib pulling plate 5 起重臂拉板 5		5.20	0.25	0.30	0.53	1
29	Jib pulling plate 6 起重臂拉板 6		4.60	0.25	0.30	0.48	1
30	Jib pulling plate 7 起重臂拉板 7		4.00	0.25	0.30	0.43	1
31	Jib pulling plate 8 起重臂拉板 8		2.35	0.44	0.31	0.42	2
32	Jib pulling plate 9 起重臂拉板 9		1.35	0.25	0.31	0.21	2
33	Counter-jib rod 平衡臂拉杆		9.15	1.62	1.20	2.95	1
34	Trolleying mechanism 变幅机构		1.53	0.64	0.71	0.55	1



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