



Quality Changes The World

SFT160(T6518-10)

SANY Tower Crane
三一重工塔式起重机

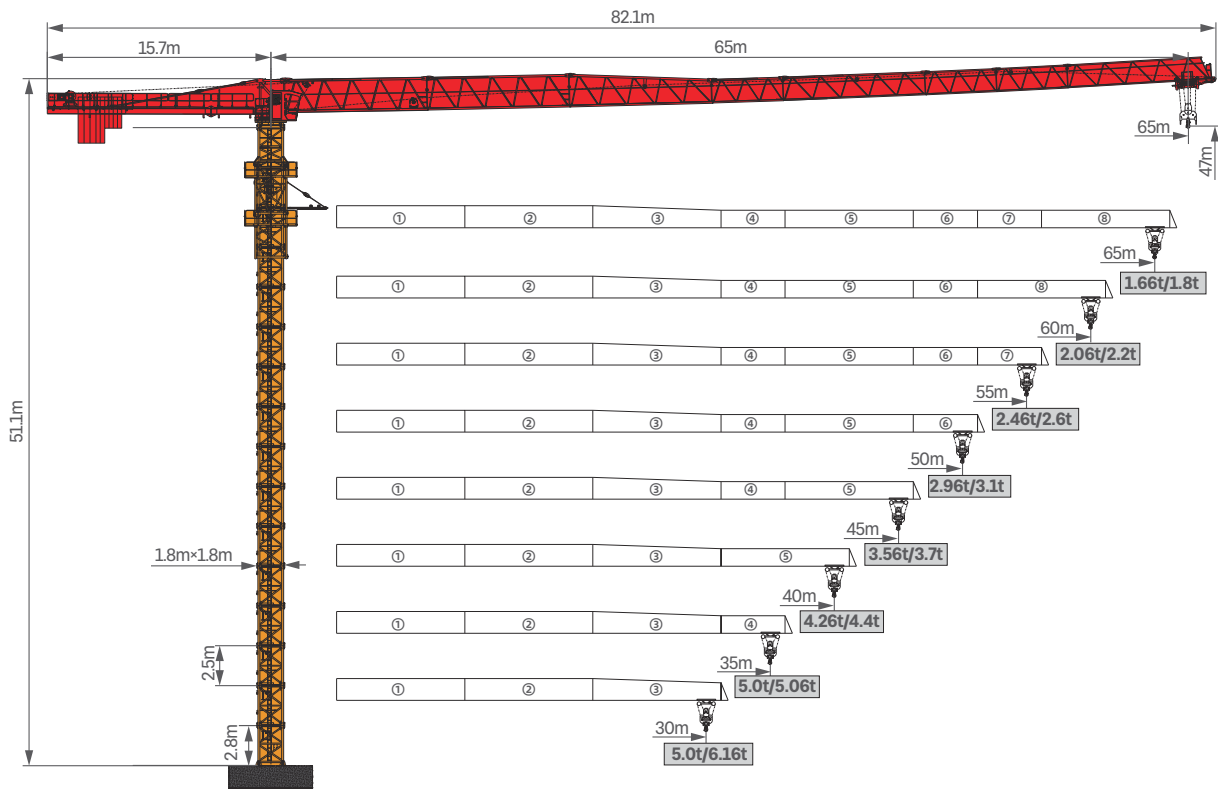


**Better World
Better SANY Crane**

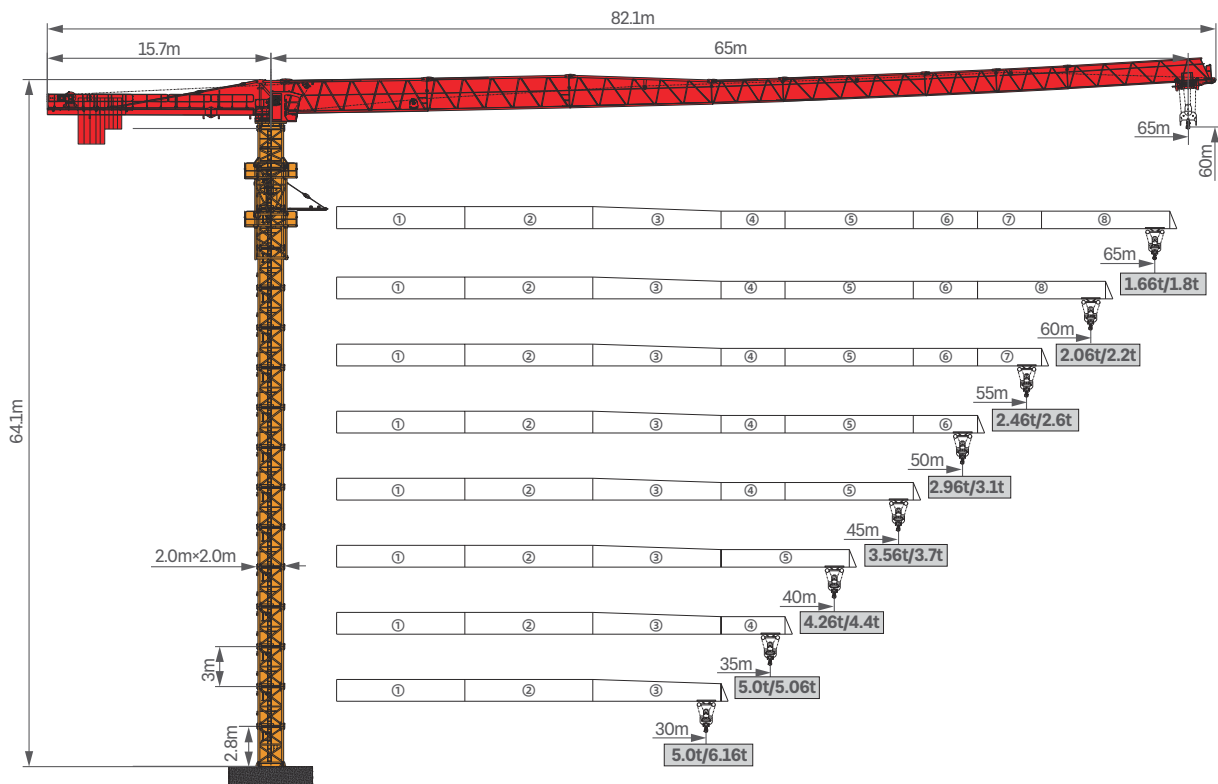
SANY CRANE



Jib Length & Tip Load 臂长组合及吊重 (1.8×1.8×2.5)



Jib Length & Tip Load 臂长组合及吊重 (2.0×2.0×3.0)



Load Diagrams 起重特性表

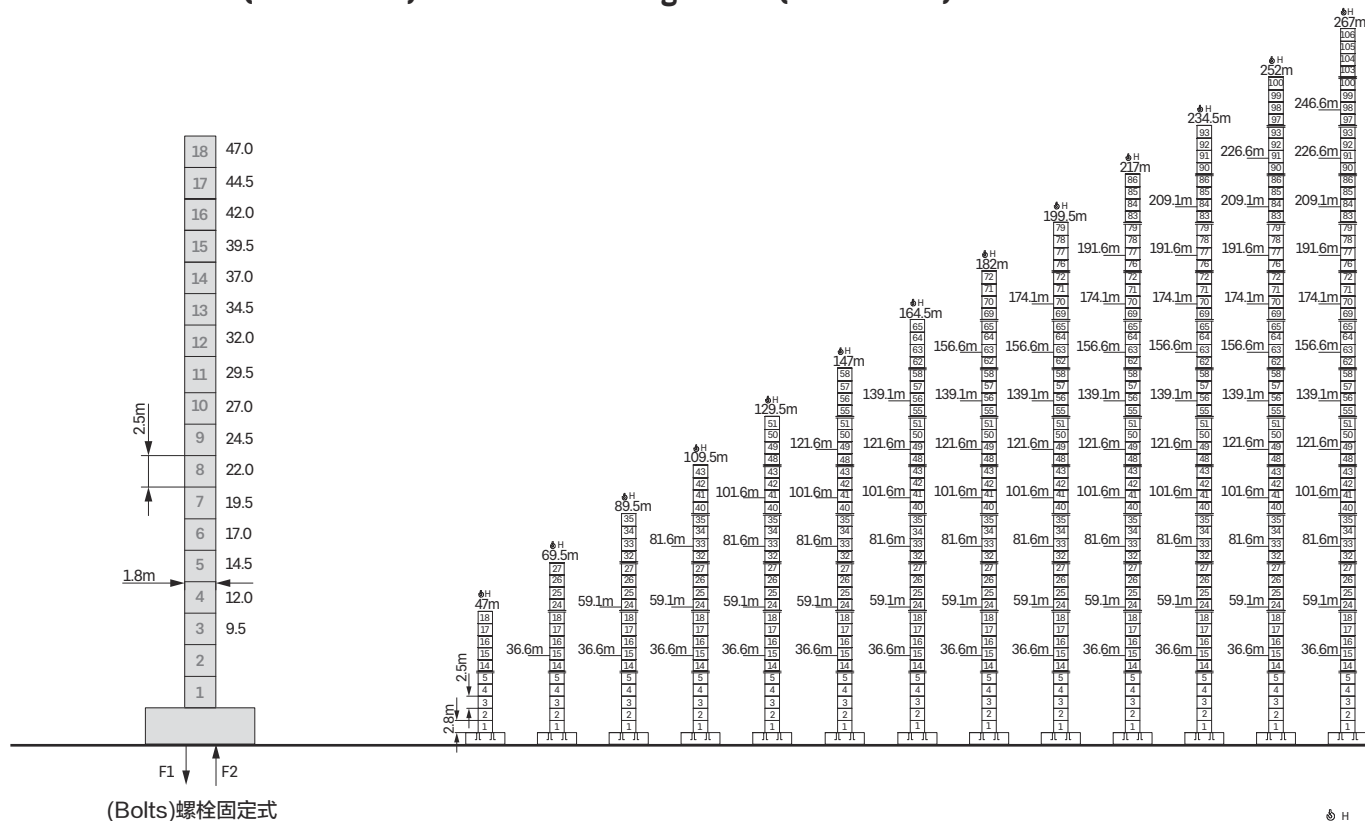
radius/m 幅度 (m)	the max. capacity/t 最大起重重量	15	18	20	23	25	28	30	33	35	38	40	43	45	48	50	53	55	58	60	63	65
65	 2.5-30.28/5t				5.00				4.50	4.18	3.77	3.53	3.22	3.03	2.78	2.63	2.42	2.30	2.13	2.03	1.89	1.80
	 2.5-16.55/10t	10	9.07	8.02	6.80	6.15	5.35	4.91	4.36	4.04	3.63	3.39	3.08	2.89	2.64	2.49	2.28	2.16	1.99	1.89	1.75	1.66
60	 2.5-31.98/5t				5.00				4.81	4.48	4.04	3.79	3.46	3.26	2.99	2.83	2.62	2.49	2.31	2.20		
	 2.5-17.47/10t	10	9.66	8.54	7.25	6.56	5.72	5.26	4.67	4.34	3.90	3.65	3.32	3.12	2.85	2.69	2.48	2.35	2.17	2.06		
55	 2.5-33.01/5t				5.00				5.00	4.66	4.21	3.95	3.60	3.40	3.12	2.96	2.73	2.60				
	 2.5-18.02/10t	10	10	8.86	7.52	6.81	5.95	5.47	4.86	4.51	4.07	3.81	3.46	3.26	2.98	2.82	2.56	2.46				
50	 2.5-34.20/5t				5.00				5.00	4.86	4.40	4.12	3.77	3.55	3.27	3.10						
	 2.5-18.65/10t	10	10	9.23	7.84	7.10	6.21	5.71	5.08	4.72	4.26	3.98	3.62	3.41	3.13	2.96						
45	 2.5-35.29/5t				5.00				5.00	5.00	4.57	4.29	3.92	3.70								
	 2.5-19.24/10t	10	10	9.56	8.13	7.37	6.44	5.93	5.28	4.91	4.43	4.15	3.78	3.56								
40	 2.5-36.02/5t				5.00				5.00	5.00	4.69	4.40										
	 2.5-19.63/10t	10	10	9.79	8.32	7.55	6.60	6.08	5.41	5.04	4.54	4.26										
35	 2.5-35.00/5t				5.00				5.00	5.00												
	 2.5-19.70/10t	10	10	9.83	8.36	7.58	6.63	6.11	5.44	5.06												
30	 2.5-30.00/5t				5.00																	
	 2.5-19.84/10t	10	10	9.91	8.43	7.65	6.69	6.16														

Counter-jib Ballast 平衡臂及平衡重组合表

 (m)	 (m)	 (3400kg)	 (1350kg)	 (kg)
65	15.7	5	2	19700
60	15.7	5	1	18350
55	15.7	5	0	17000
50	15.7	4	2	16300
45	15.7	4	1	14950
40	15.7	4	0	13600
35	15.7	3	2	12900
30	15.7	3	1	11550

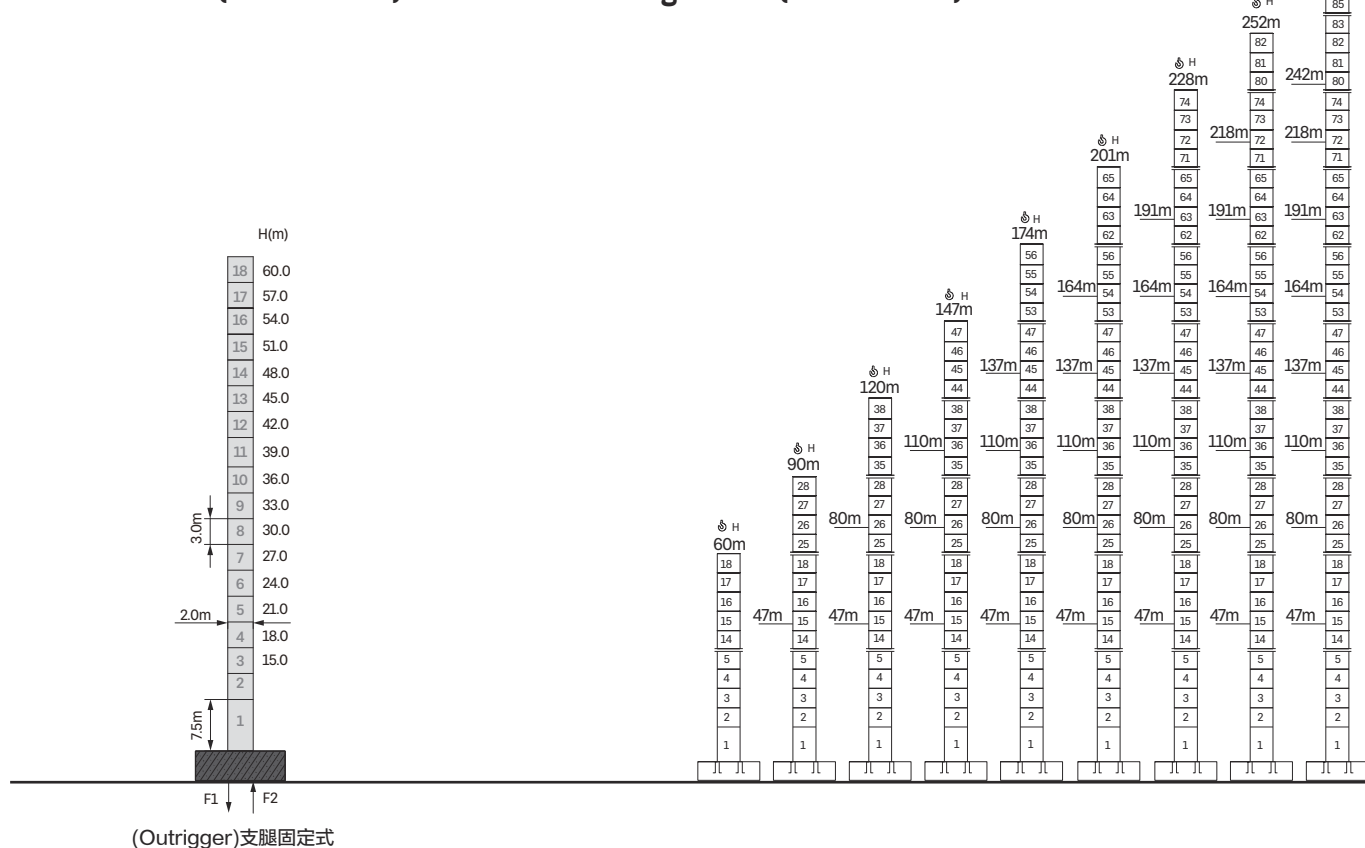
Masts 塔身 B18F1 (1.8×1.8×2.5)

Anchorage 附着 (1.8×1.8×2.5)



Masts 塔身 L69 (2.0×2.0×3.0)

Anchorage 附着 (2.0×2.0×3.0)



Bolts 螺栓固定式

F1	Reactions in service 工作状态反力	141.2t
	Reactions out of service 非工作状态反力	152.8t
F2	Reactions in service 工作状态反力	103.2t
	Reactions out of service 非工作状态反力	119.0t
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)		46.2t

Outrigger 支腿固定式

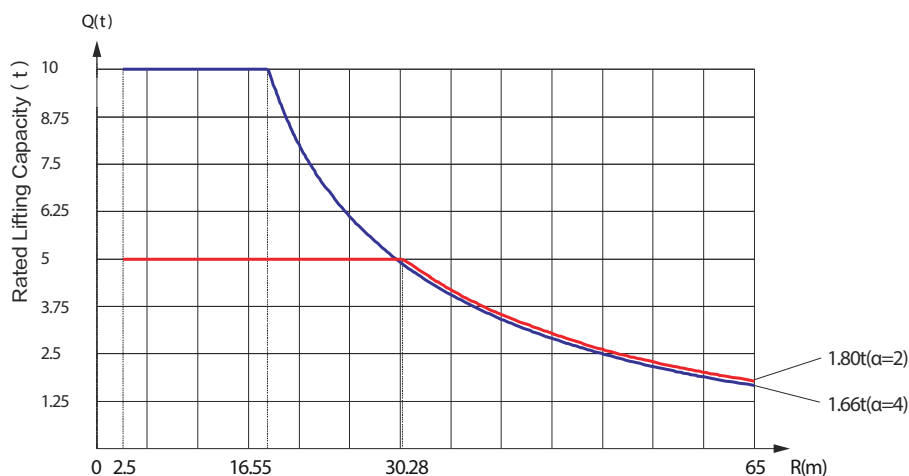
F1	Reactions in service 工作状态反力	150.5t
	Reactions out of service 非工作状态反力	211.1t
F2	Reactions in service 工作状态反力	99.1t
	Reactions out of service 非工作状态反力	166.5t
Freestanding height, dead weight at the max. jib (without counter weight, lifting weight nor ballast) 独立高度, 最长起重臂时自重(不含平衡重、吊重、压重)		63.7t

Transmission Mechanisms 传动机构

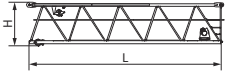
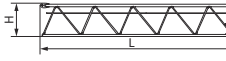
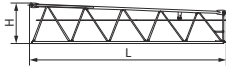
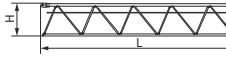
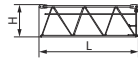
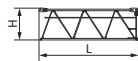
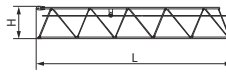
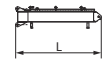
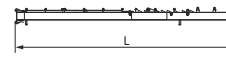
Transmission 传动	Legend 图例	Model 型号	Power 功率	Velocity 速度
Slewing 回转		HPZ55.130.195-4F1 HPZ55.130.195-4F2	2 × 5.5Kw	0~0.7r/min
Trolleying 变幅		SXJ55.70P	5.5Kw	0~60m/min
Hoisting 起升		LLQS27-45	45Kw	0~100m/min
Travelling 行走		RT443	5.2Kw	0~25m/min
Voltage 电源电压		380V(±10%), 50Hz		

Note: Contact with us when the rope capacity of hoisting mechanism is larger than 540m.
注: 工作容绳量大于 540m 时请与厂家联系

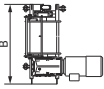
Curve of Lifting Capacity 起重性能曲线图



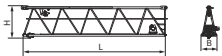
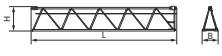
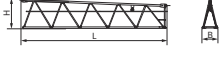
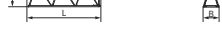
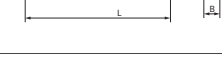
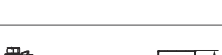
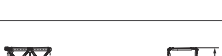
Packing List 运输部件 (1.8×1.8×2.5)

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		10.31	1.30	2.53	2.769	1
2	Jib section II 臂架 II		10.27	1.30	2.38	1.947	1
3	Jib section III 臂架 III		10.25	1.30	2.35	1.49	1
4	Jib section IV 臂架 IV		5.22	1.30	1.74	0.678	1
5	Jib section V 臂架 V		10.21	1.30	1.70	0.982	1
6	Jib section VI 臂架 VI		5.17	1.30	1.69	0.42	1
7	Jib section VII 臂架 VII		5.14	1.30	1.66	0.389	1
8	Jib section VIII 臂架 VIII		10.13	1.30	1.66	0.57	1
9	Tip mast 臂尖节		0.37	1.46	1.37	0.1	1
10	Tower top assembly 塔头总成		2.29	1.50	2.46	1.668	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
13	Telescoping cage 爬升架		6.66	2.26	2.42	2.271	1
14	Slewing assembly 回转总成		5.06	2.20	2.35	5.12	1
15	Transition mast 过渡节		2.83	2.43	2.43	1.232	1
16	Standard mast 标准节		2.50	1.96	1.96	0.87	12

Packing List 运输部件 (1.8×1.8×2.5)

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
17	Strengthening mast 加强节			2.80	1.96	1.96	1.072	4
18	Basic mast 基础节			2.83	2.13	2.13	1.213	1
19	Trolley 小车			2.10	2.20	1.24	0.392	1
20	Hook 吊钩			1.16	0.27	1.74	0.38	1
21	Cabin 司机室			2.28	1.41	2.18	0.805	1
22	Hoisting Mechanism 起升机构			1.97	1.90	1.02	1.95	1
23	Trolleying mechanism 变幅机构			1.32	0.60	0.67	0.49	1

Packing List 运输部件 (2.0×2.0×3.0)

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		10.31	1.30	2.53	2.769	1
2	Jib section II 臂架 II		10.27	1.30	2.38	1.947	1
3	Jib section III 臂架 III		10.25	1.30	2.35	1.49	1
4	Jib section IV 臂架 IV		5.22	1.30	1.74	0.678	1
5	Jib section V 臂架 V		10.21	1.30	1.70	0.982	1
6	Jib section VI 臂架 VI		5.17	1.30	1.69	0.42	1
7	Jib section VII 臂架 VII		5.14	1.30	1.66	0.389	1
8	Jib section VIII 臂架 VIII		10.13	1.30	1.66	0.57	1
9	Tip mast 臂尖节		0.37	1.46	1.37	0.1	1
10	Tower head assembly 塔头总成		2.29	1.50	2.46	1.668	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
13	Telescoping cage 爬升架		7.66	3.28	2.55	3.8	1
14	Slewing assembly 回转总成		5.13	3.1	3.06	5.53	1
15	Transition mast 过渡节		2.46	3.3	3.26	2.32	1
16	Chip Standard mast 片式标准节		3.27	2.08	2.1	1.46	17

Packing List 运输部件 (2.0×2.0×3.0)

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
17	Basic mast 基础节		7.77	2.08	2.1	4.26	1
18	Trolley 小车		2.10	2.20	1.24	0.392	1
19	Hook 吊钩		1.16	0.27	1.74	0.38	1
20	Cabin 司机室		2.28	1.41	2.18	0.805	1
21	Hoisting mechanism 起升机构		1.97	1.90	1.02	1.95	1
22	Trolleying mechanism 变幅机构		1.32	0.60	0.67	0.49	1



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