



Quality Changes The World

# SYT80A3(T6013-6)

SANY Tower Crane  
三一重工塔式起重机

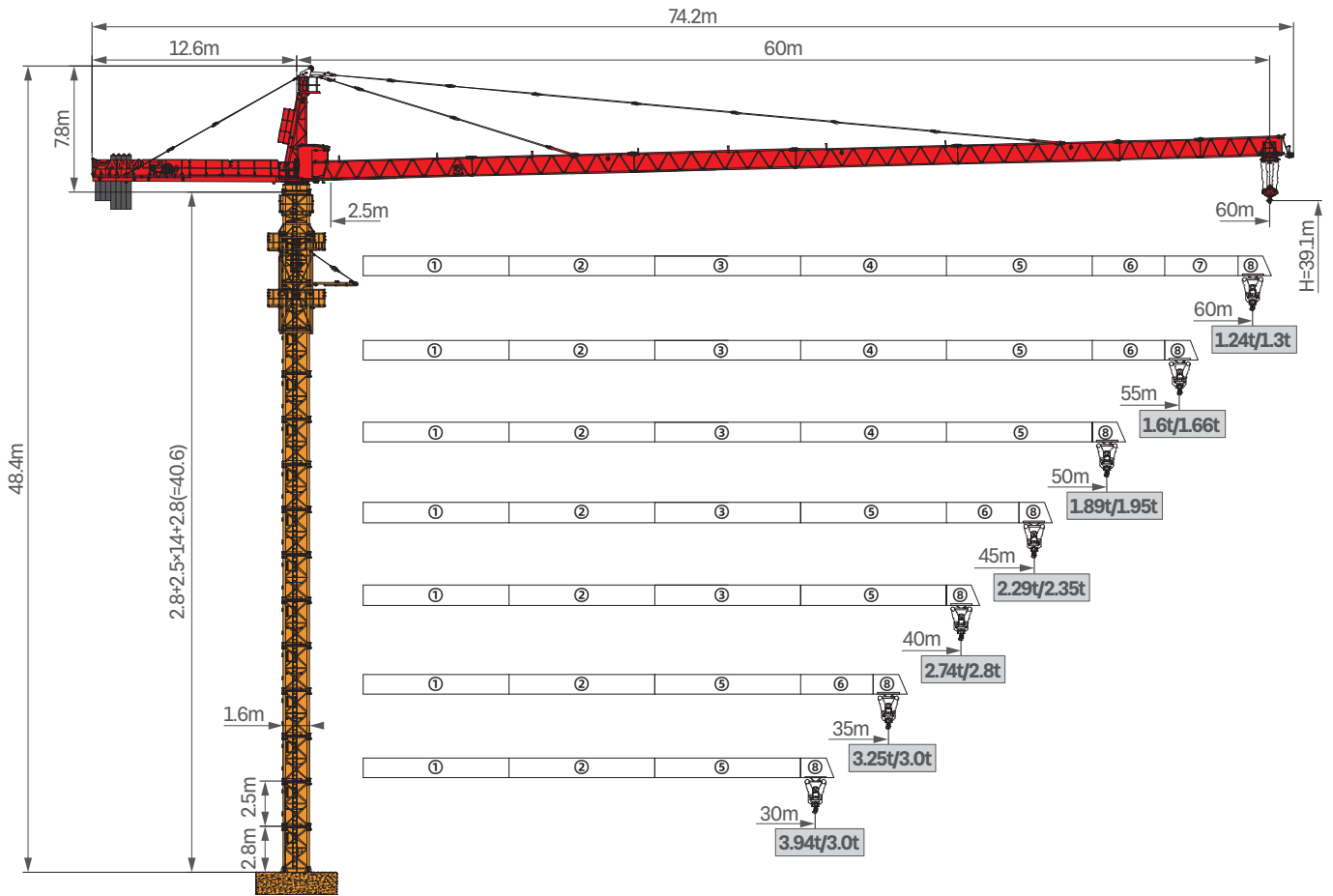


## Better World Better SANY Crane

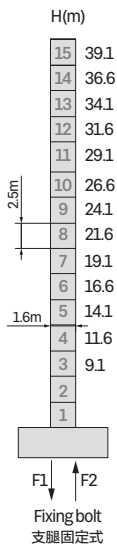
SANY CRANE



### Jib Length & Tip Load 臂长组合及吊重 (1.6×1.6×2.5)

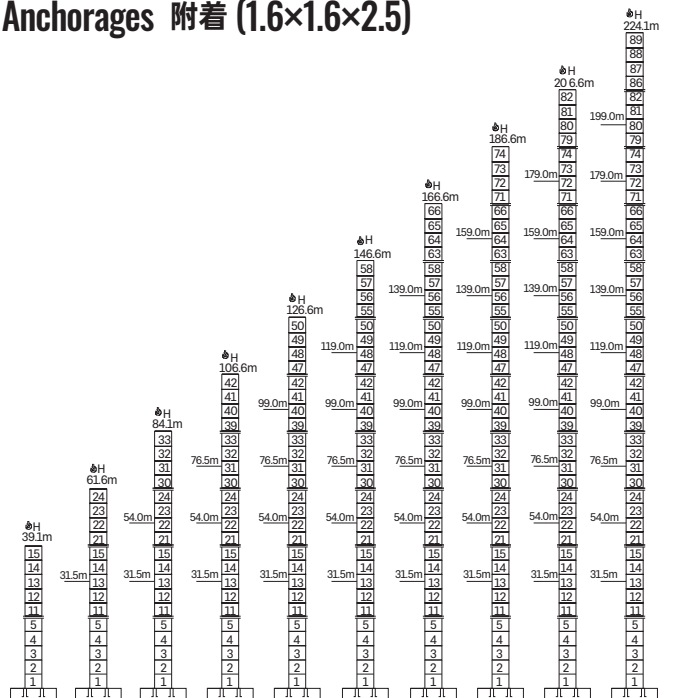


### Masts 塔身 B16F2 (1.6×1.6×2.5)

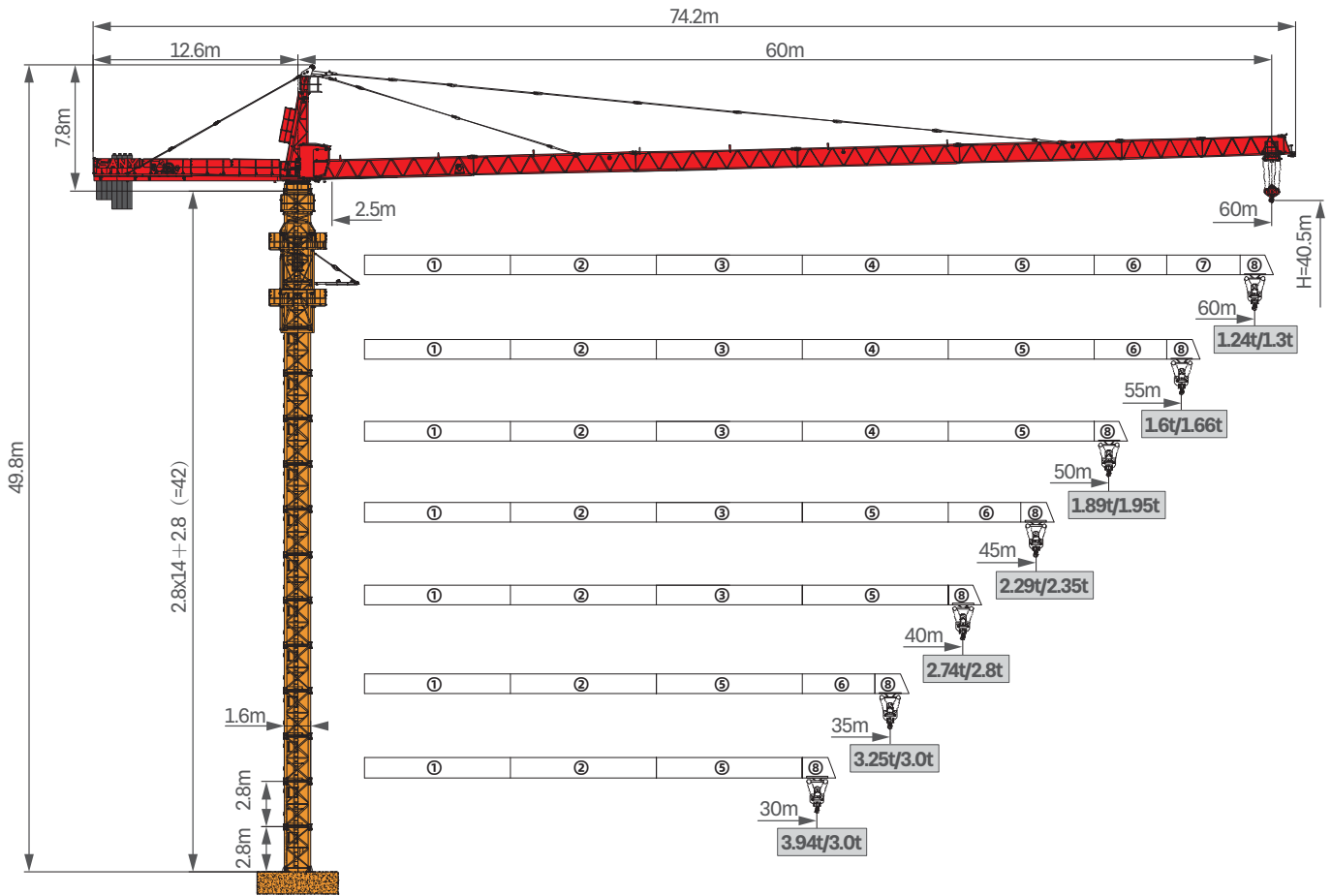


Fixing bolt 螺栓固定式	F1	Reactions in service 工作状态反力	90.1t
		Reactions out of service 非工作状态反力	94.1t
	F2	Reactions in service 工作状态反力	58.4t
Reactions out of service 非工作状态反力		66.3t	
		Freestanding height, dead weight at the max. jib (without counter weight, lifting weight nor ballast) 独立高度, 最长起重臂时自重 (不含平衡重、吊重、压重)	33.5t

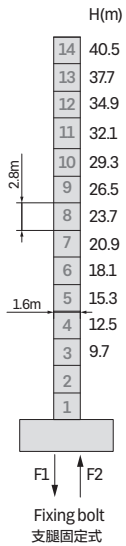
### Anchorage 附着 (1.6×1.6×2.5)



## Jib Length & Tip Load 臂长组合及吊重 (1.6×1.6×2.8)

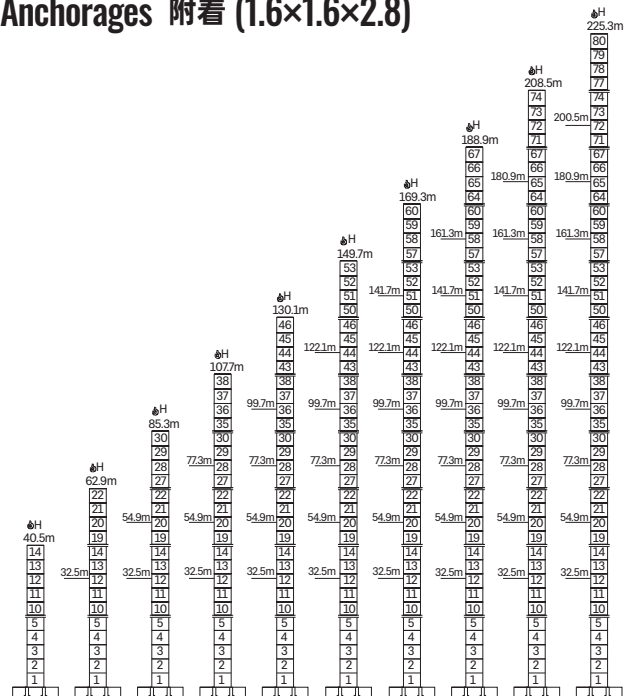


## Masts 塔身 (1.6×1.6×2.8)

















Fixing bolt 螺栓固定式	Reactions in service 工作状态反力	90.1t
	Reactions out of service 非工作状态反力	94.1t
	Reactions in service 工作状态反力	58.4t
	Reactions out of service 非工作状态反力	66.3t
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)		33.5t

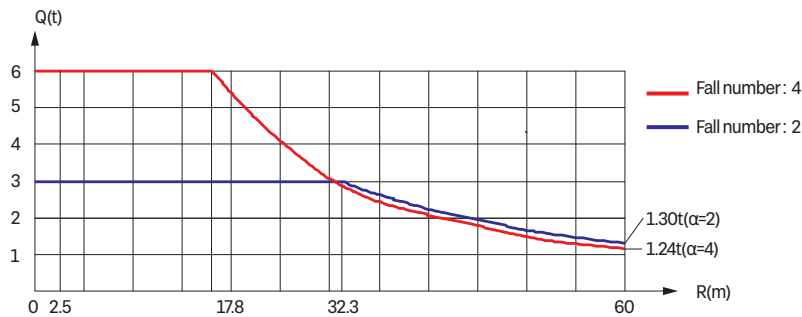
## Anchorage 附着 (1.6×1.6×2.8)



## Load Diagrams 起重特性表

radius/m 幅度 (m)	the max. capacity/t 最大起重量	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60
60	 2.5-32.3/3t					3.00				2.72	2.53	2.29	2.15	1.96	1.85	1.70	1.61	1.48	1.40	1.30
	 2.5-17.8/6t	6.00	5.21	4.67	4.02	3.67	3.23	2.98	2.66	2.47	2.23	2.09	1.90	1.79	1.64	1.55	1.42	1.34	1.24	
55	 2.5-35.0/3t					3.00					2.80	2.54	2.39	2.18	2.06	1.89	1.80	1.66		
	 2.5-19.2/6t	6.00	5.88	5.25	4.51	4.11	3.61	3.33	2.97	2.77	2.50	2.34	2.13	2.01	1.84	1.74	1.60			
50	 2.5-35.7/3t					3.00					2.88	2.61	2.45	2.24	2.12	1.95				
	 2.5-19.7/6t	6.00	5.84	5.24	4.53	4.13	3.65	3.37	3.02	2.82	2.55	2.39	2.18	2.06	1.89					
45	 2.5-37.0/3t					3.00						2.73	2.57	2.35						
	 2.5-20.4/6t	6.00	5.46	4.72	4.31	3.81	3.52	3.16	2.95	2.67	2.51	2.29								
40	 2.5-37.8/3t					3.00						2.80								
	 2.5-20.8/6t	6.00	5.59	4.83	4.42	3.90	3.61	3.24	3.02	2.74										
35	 2.5-35.0/3t					3.00														
	 2.5-20.9/6t	6.00	5.61	4.85	4.43	3.92	3.62	3.25												
30	 2.5-30.0/3t					3.00														
	 2.5-21.0/6t	6.00	5.64	4.88	4.46	3.94														




## 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)	 (kg)	 2000kg	 2800kg
60	11.8	17200	3	4
55	11.8	15200	2	4
50	11.8	14400	3	3
45	11.8	12400	2	3
40	11.8	11600	3	2
35	11.8	9600	2	2
30	11.8	8800	3	1





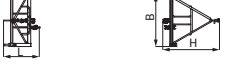





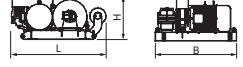
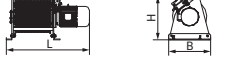
## Transmission Mechanisms 传动机构

Transmission 传动	Legend 图例	Model 型号	Power 功率	Velocity 速度
Slewing 回转		YPWEF132M2L-6F1	2 × 4.0kW	0~0.7r/min
Trolleying 变幅		SXJ33.62P	4.0kW	0~60m/min
Hoisting 起升		YZP200L2-6	25kW	0~80m/min
Voltage 电源电压	380V(±10%)		Frequency	50Hz

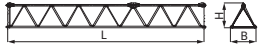
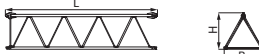







Note: Contact with us when the rope capacity of hoisting mechanism is larger than 430m.  
注：工作容绳量大于 430m 时请与厂家联系



## Packing List 运输部件 (1.6×1.6×2.5)

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		10.16	1.32	1.42	1.018	1
2	Jib section II 臂架 II		10.16	1.32	1.26	0.801	1
3	Jib section III 臂架 III		10.16	1.32	1.24	0.713	1
4	Jib section IV 臂架 IV		10.16	1.32	1.24	0.747	1
5	Jib section V 臂架 V		10.16	1.32	1.25	0.608	1
6	Jib section VI 臂架 VI		5.14	1.32	1.23	0.301	2
7	Tip mast 臂尖节		0.90	1.32	1.44	0.094	1
8	Tower top assembly 塔顶总成		6.88	1.73	2.94	1.240	1
9	Counter jib 平衡臂		11.86	2.40	1.44	1.938	1
10	Telescoping cage 爬升架		6.17	3.50	5.54	2.714	1
11	Transition mast assembly 过渡节		2.83	2.20	2.91	1.247	1
12	Slewing assembly 回转总成		4.69	3.17	3.04	3.192	1
13	Standard mast 标准节		2.50	1.70	1.70	0.80	14
14	Basic mast 基础节		2.82	1.70	1.91	1.005	1
15	Trolley 小车		2.10	1.83	1.29	0.326	1
16	Hook 吊钩		1.00	0.49	1.77	0.296	1
17	Cabin 司机室		2.28	1.41	2.18	0.400	1
18	Hoisting mechanism 起升机构		1.78	1.52	0.93	1.621	1
19	Trolleying mechanism 变幅机构		1.11	0.56	0.58	0.350	1

## Packing List 运输部件 (1.6×1.6×2.8)

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
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3	Jib section III 臂架 III		10.16	1.32	1.24	0.713	1
4	Jib section IV 臂架 IV		10.16	1.32	1.24	0.747	1
5	Jib section V 臂架 V		10.16	1.32	1.25	0.608	1
6	Jib section VI 臂架 VI		5.14	1.32	1.23	0.301	2
7	Tip mast 臂尖节		0.90	1.32	1.44	0.094	1
8	Tower top assembly 塔顶总成		6.88	1.73	2.94	1.240	1
9	Counter jib 平衡臂		11.86	2.40	1.44	1.938	1
10	Telescoping cage 爬升架		6.17	3.50	5.54	2.714	1
11	Transition mast assembly 过渡节		2.83	2.20	2.91	1.247	1
12	Slewing assembly 回转总成		4.69	3.17	3.04	3.192	1
13	Standard mast 标准节		2.80	1.70	1.70	0.880	13
14	Basic mast 基础节		2.82	1.70	1.91	1.005	1
15	Trolley 小车		2.10	1.83	1.29	0.326	1
16	Hook 吊钩		1.00	0.49	1.77	0.296	1
17	Cabin 司机室		2.28	1.41	2.18	0.400	1
18	Hoisting mechanism 起升机构		1.78	1.52	0.93	1.621	1
19	Trolleying mechanism 变幅机构		1.11	0.56	0.58	0.350	1



## 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](mailto:sanycrane@sanygroup.com) (Crane BU) / [crd@sany.com.cn](mailto:crd@sany.com.cn) (IHQ)  
After-sales Service 0086-400 6098 318

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### 三一集团起重事业部

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](mailto:sanycrane@sanygroup.com) (起重事业部) / [crd@sany.com.cn](mailto:crd@sany.com.cn) (国际总部)  
海外售后服务: 0086-400 6098 318

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