



SLT125H(T5022-8)

SANY Tower Crane
三一重工塔式起重机

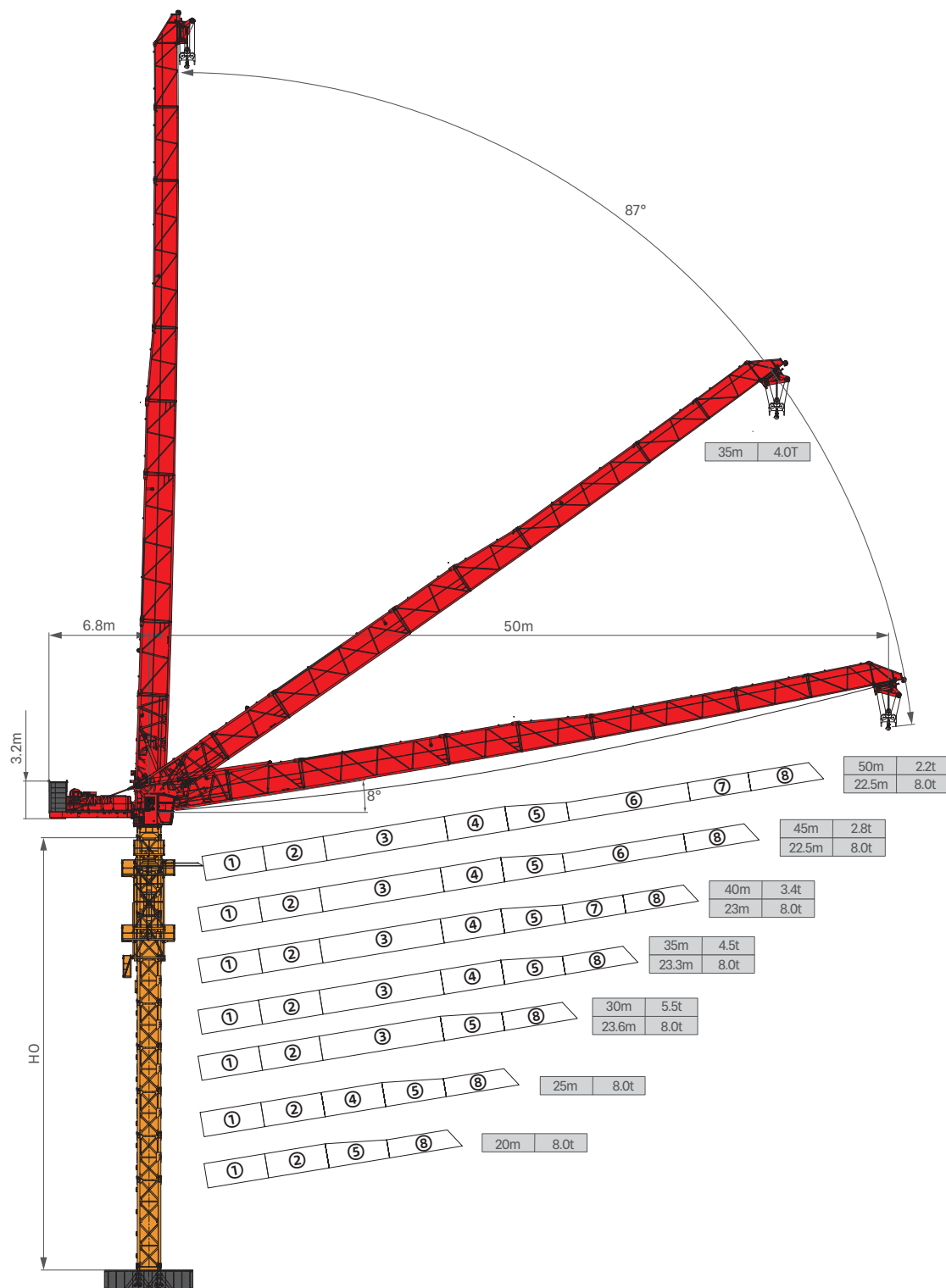


**Better World
Better SANY Crane**

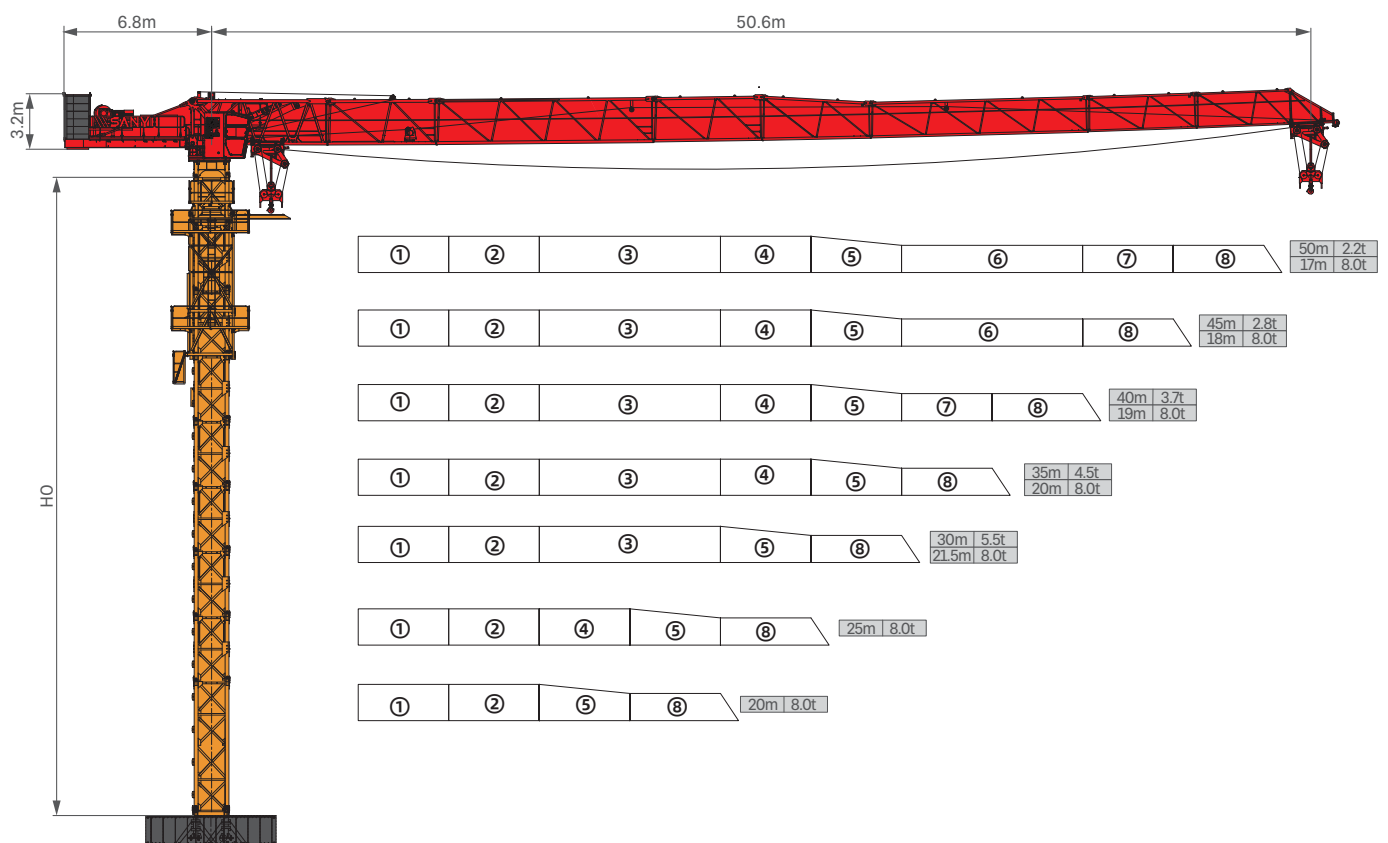
SANY CRANE



Jib Length & Tip Load 动臂臂长组合及吊重



Flat top Jib Length & Tip Load 平头臂长组合及吊重



In-service lifting capacity parameters of luffing tower crane 动臂工况起重性能参数表

radius/m 幅度 (m)	the max. capacity/t 最大起重重量 (m/t)	22.5	25	27	30	32	35	37	40	42	45	47	50
50	 3.4-35.7m 4t				4			3.7	3.34	3.15	2.75	2.5	2.2
	 3.4-22.5m 8t	8	7.2	6.2	5.5	4.3	4	3.63	3.27	3.08	2.68	2.43	2.13
45	 3.4-35.7m 4t				4			3.9	3.4	3.15	2.75		
	 3.4-22.7m 8t	8	7.2	5.9	5.2	4.5	4	3.83	3.33	3.08	2.68		
40	 3.3-36m 4t				4				3.4				
	 3.3-23m 8t	8	7.5	6.2	5.5	4.8	4.3	4	3.33				
35	 3.3-36m 4t				4								
	 3.2-23.3m 8t	8	7.5	6.2	5.5	4.8	4.3						
30	 3.30-30.00m 4t				4								
	 3.0-23.6m 8t	8	7.5	6.2	5.5								
25	 2.8-25.0m 4t	4											
	 2.8-25m 8t	8											
20	 2.5-25.0m 4t	4											
	 2.5-20.0m 8t	8											

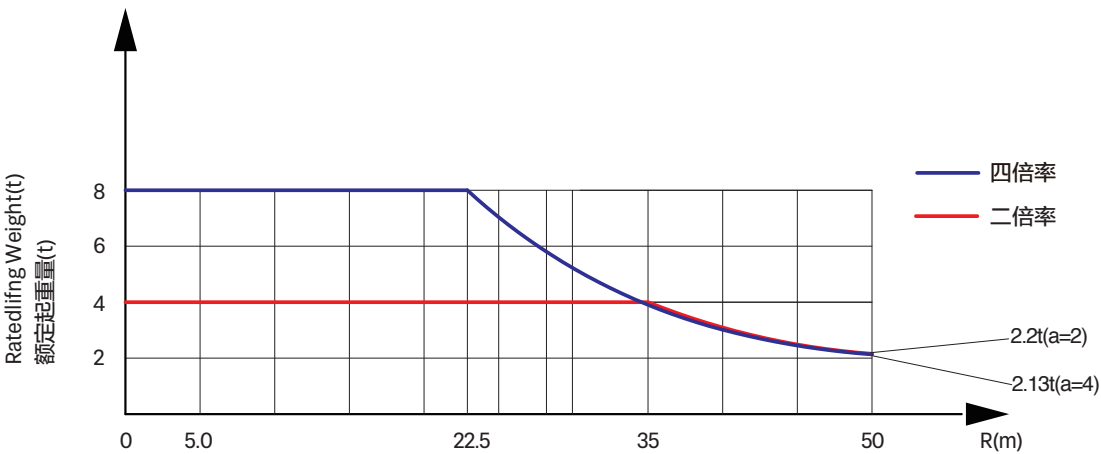
In-service lifting capacity parameters of flat-top tower crane 平头工况起重性能参数表

radius/m 幅度 (m)	the max. capacity/t 最大起重量 (m/t)	15	20	25	27	30	32	35	37	40	42	45	47	50
50	 2.5-31m 4t			4			3.92	3.51	3.27	2.96	2.78	2.54	2.39	2.2
	 2.5-17m 8t	8	6.71	5.18	4.73	4.16	3.85	3.44	3.20	2.89	2.71	2.47	2.32	2.13
45	 2.5-32m 4t	8	7.25	5.63	5.15	4.55	4.21	3.78	3.53	3.2	3.01	2.75		
	 2.5-18m 8t	8	7.18	5.56	5.08	4.48	4.14	3.71	3.46	3.13	2.94	2.68		
40	 2.5-35m 4t				4				3.74	3.4				
	 2.5-19m 8t	8	7.58	5.88	5.38	4.75	4.39	3.94	3.67	3.33				
35	 2.5-35m 4t				4									
	 2.5-20m 8t	8		6.36	5.83	5.16	4.78	4.3						
30	 2.5-30m 4t				4									
	 2.5-21.5m 8t	8		6.77	6.2	5.5								
25	 2.5-25m 4t		4											
	 2.5-25m 8t		8											
20	 2.5-20m 4t		4											
	 2.5-20m 8t		8											

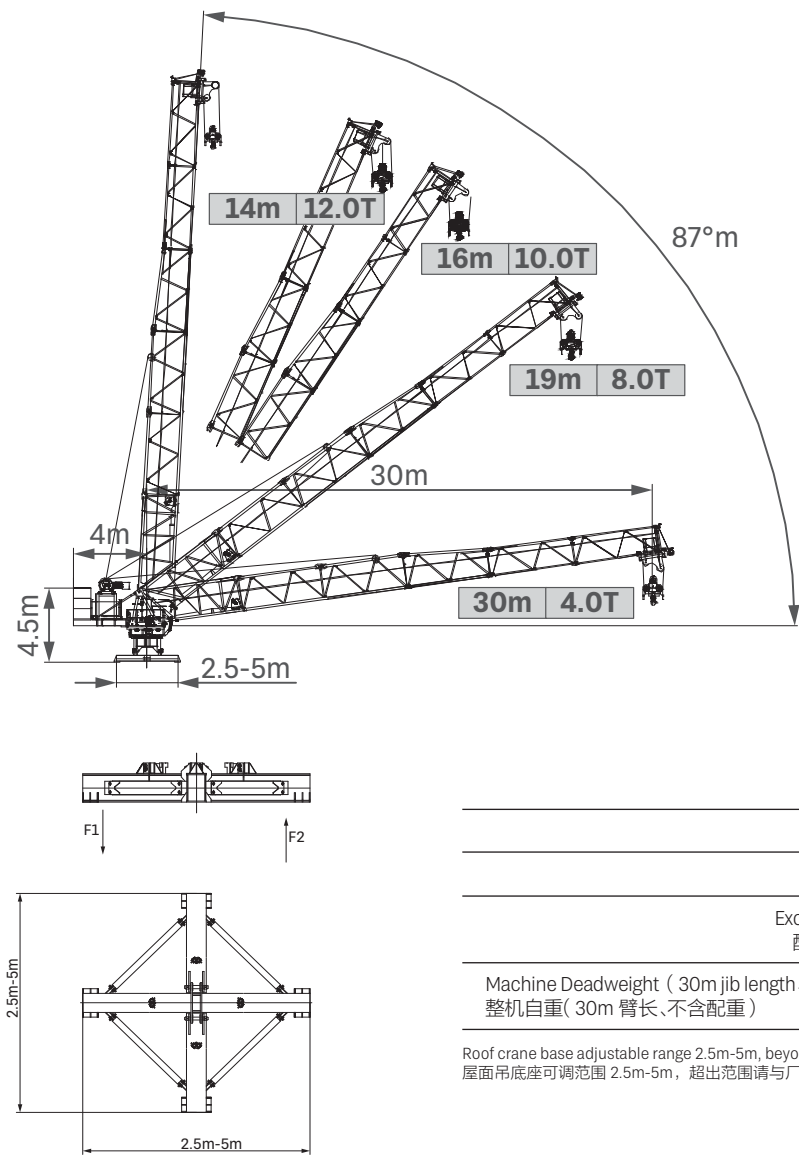
In-service lifting capacity parameters of luffing tower crane 动臂工况起重性能参数表

radius/m 幅度 (m)		the max. capacity/t 最大起重量 (m/t)	22.5	25	27	30	32	35	37	40	42	45	47	50	
50		3.4-35.7m 4t	4						3.7	3.34	3.15	2.75	2.5	2.2	
		3.4-22.5m 8t	8	7.2	6.2	5.5	4.3	4	3.63	3.27	3.08	2.68	2.43	2.13	
45		3.4-35.7m 4t	4						3.9	3.4	3.15	2.75			
		3.4-22.7m 8t	8	7.2	5.9	5.2	4.5	4	3.83	3.33	3.08	2.68			
40		3.3-36m 4t	4						3.4						
		3.3-23m 8t	8	7.5	6.2	5.5	4.8	4.3	4	3.33					
35		3.3-36m 4t	4												
		3.2-23.3m 8t	8	7.5	6.2	5.5	4.8	4.3							
30		3.30-30.0m 4t	4												
		3.0-23.6m 8t	8	7.5	6.2	5.5									
25		2.8-25.0m 4t	4												
		2.8-25m 8t	8												
20		2.5-25.0m 4t	4												
		2.5-20.0m 8t	8												

In-service lifting capacity curve of luffing crane 动臂工况起重性能曲线图



Roof crane table 屋面吊变幅表



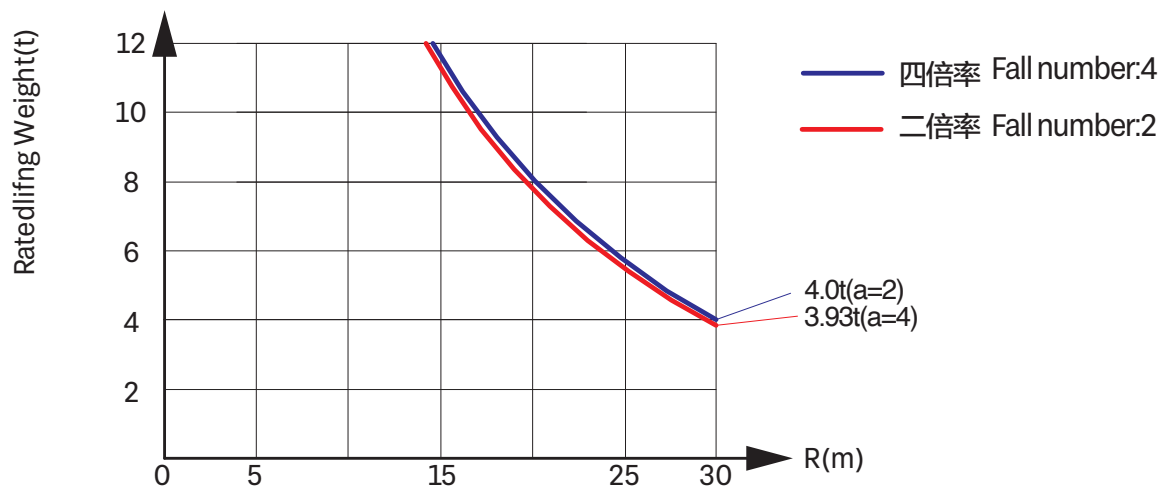
F1	35t-65t
F2	23t-51t
Excluded 配重	10.5t
Machine Deadweight (30m jib length、counterweight excluded) 整机自重(30m 臂长、不含配重)	24.5t

Roof crane base adjustable range 2.5m-5m, beyond the range, please contact the manufacturer
屋面吊底座可调范围 2.5m-5m，超出范围请与厂家联系

In-service lifting capacity parameters of roof crane 屋面吊工况起重性能参数表

radius/m 幅度 (m)	the max. capacity/t 最大起重重量 (m/t)	15	20	25	27	30
30	 2.5-30m 4t			4		
	 2.5-14m 12t	12	7.5	5.4	4.8	3.93
25	 2.8-25m 4t		4			
	 2.8-14m 8t	12	7.2	5.4		
20	 2.5-20m 4t		4			
	 2.5-20m 8t	12	8			

In-service lifting capacity curve of roof crane 屋面吊工况起重性能曲线图



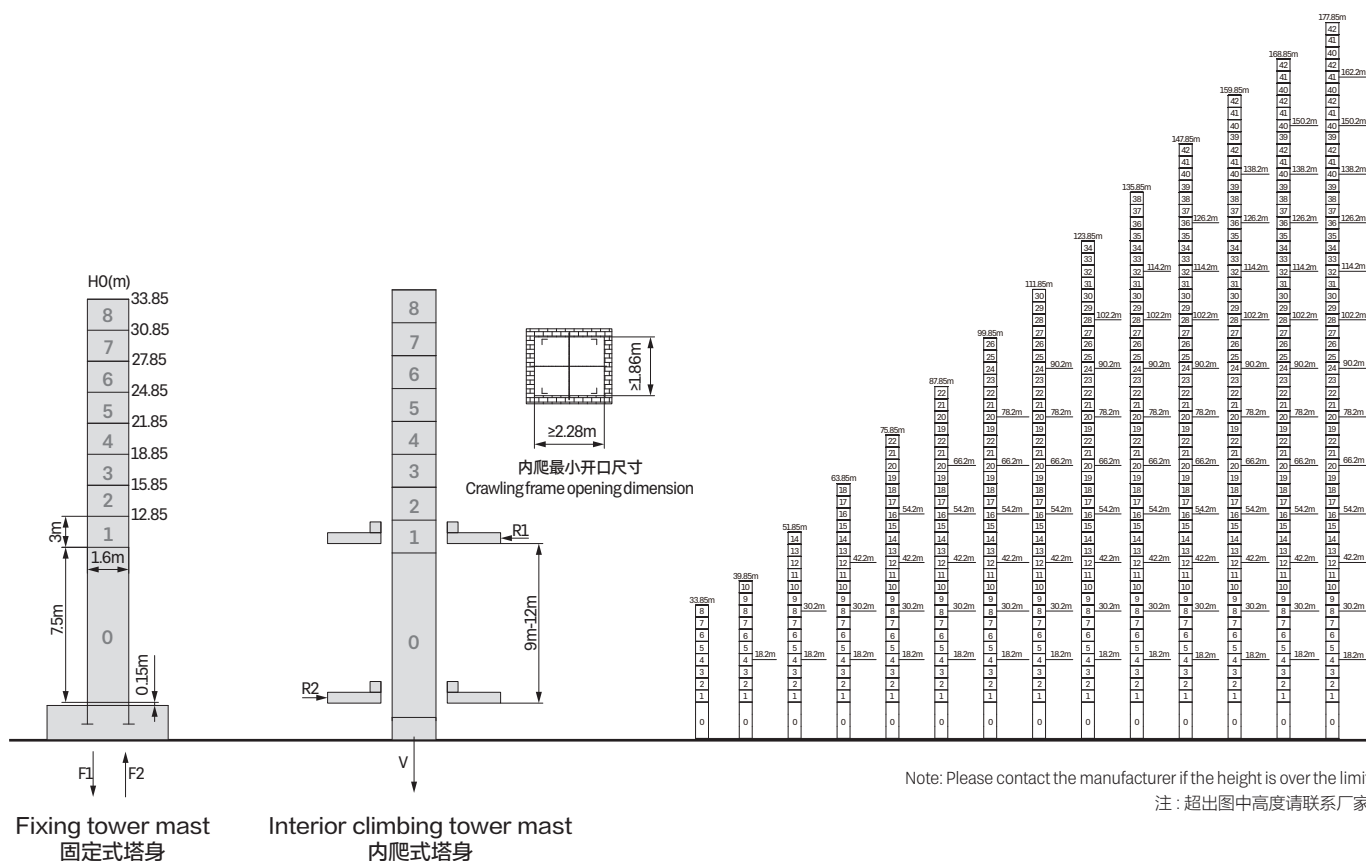
Transmission Mechanisms 传动机构

Transmission 传动	Legend 图例	Model 型号	Power 功率	Velocity 速度
Slewing 回转		YPWEF112SL-4F1 YPWEF112SL-4F2	2 × 5.5Kw	0~0.7r/min
Luffing 拉臂变幅		YZTP45M3-4	45Kw	≤1.8min (Cylinder luffing 油缸变幅)
Luffing of trolley 小车变幅		YVFE112M-4	4Kw	0-60m/min (Full luffing 全变幅)
Hoisting 起升		YZTPF45QP-4	45Kw	0-106m/min
Power supply 电源电压		380V/440V(± 10%)	Power frequency 电源频率	50Hz/60Hz

Counter weight combination 配重组合

The max. working radius 最大工作幅度	Jib combination 臂节组合方式	Counter weight combination (t) 配重组合 (t)
50m	①②③④⑤⑥⑦⑧	1 × 4.5T+6 × 3T=22.5t
45m	①②③④⑤⑥⑧	1 × 4.5T+6 × 3T=22.5t
40m	①②③④⑤⑦⑧	1 × 4.5T+5 × 3T=19.5t
35m	①②③④⑤⑧	1 × 4.5T+4 × 3T=16.5t
30m	①②③⑤⑧	1 × 4.5T+4 × 3T=16.5t
25m	①②④⑤⑧	1 × 4.5T+3 × 3T=13.5t
20m	①②⑤⑧	1 × 4.5T+3 × 3T=13.5t

Anchorage (jib length of 50m) 附着(50m臂长) 塔身1.6m×1.6m×3m



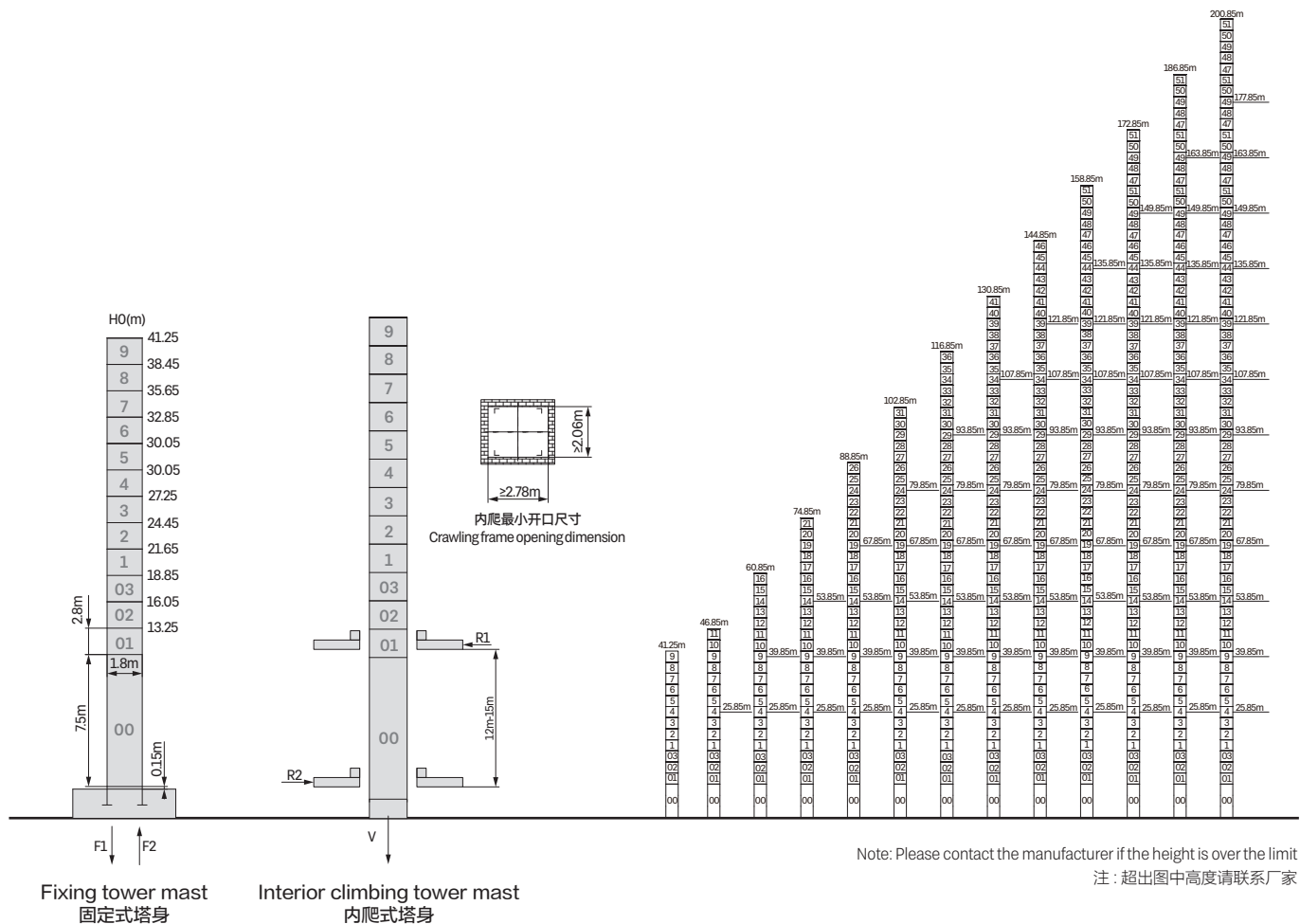
Fixing tower mast 固定式塔身

F1	Reactions in service 工作工况	138t
	Reactions out of service 非工作工况	141t
F2	Reactions in service 工作工况	108t
	Reactions out of service 非工作工况	120t
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)		42.6t

Interior climbing tower mast 内爬式塔身

R1	Reactions in service 工作工况	38t
	Reactions out of service 非工作工况	36t
R2	Reactions in service 工作工况	28t
	Reactions out of service 非工作工况	30t
V		67.1t

Anchorage (jib length of 50m) 附着(50m臂长) 塔身1.8m×1.8m×2.8m



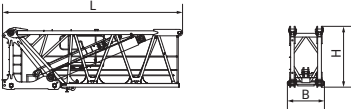
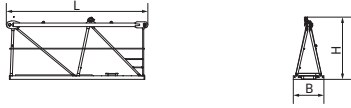
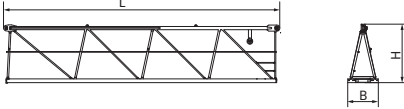
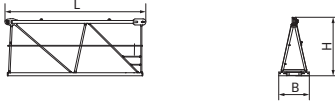
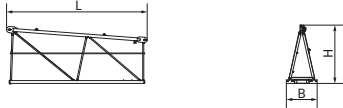
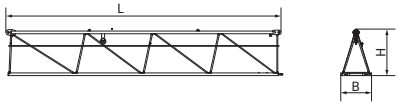
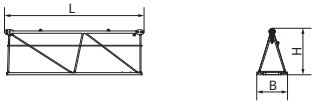
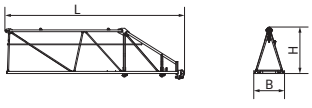
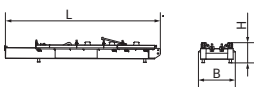
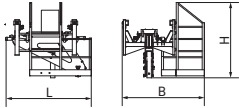
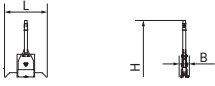
Fixing tower mast 固定式塔身

F1	Reactions in service 工作工况	133t
	Reactions out of service 非工作工况	198t
F2	Reactions in service 工作工况	96t
	Reactions out of service 非工作工况	158t
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)		45.3t

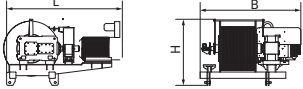
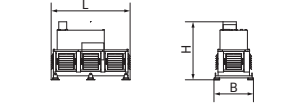
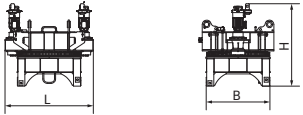
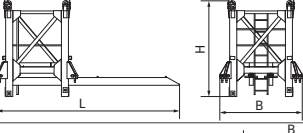
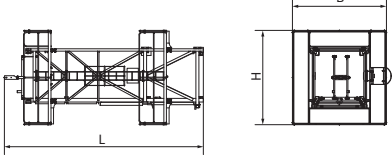
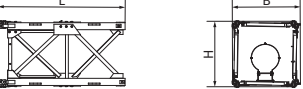
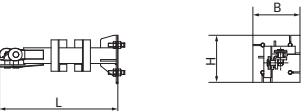
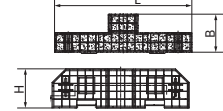
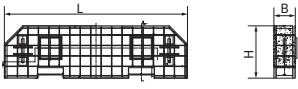
Interior climbing tower mast 内爬式塔身

R1	Reactions in service 工作工况	32t
	Reactions out of service 非工作工况	30t
R2	Reactions in service 工作工况	25t
	Reactions out of service 非工作工况	27t
V		71.2t

Packing List 运输部件

NO. 序号	Description 名称	Sketch 简图	L(m) 长	B(m) 宽	H(m) 高	Weight of single piece 单件重量 (t)	Q.T.Y 数量
1	Luffing jib 变幅节		6.65	1.30	2.25	7.35	1
2	Jib section II 臂节 II		5.23	1.135	2.31	1.01	1
3	Jib section III 臂节 III		10.2	1.135	2.16	1.43	1
4	Jib section IV 臂节 IV		5.2	1.135	2.16	0.60	1
5	Jib section V 臂节 V		5.2	1.135	2.518	0.55	1
6	Jib section VI 臂节 VI		10.16	1.135	1.72	0.89	1
7	Jib section VII 臂节 VII		5.15	1.135	1.72	0.33	1
8	Jib section VIII 臂节 VIII		6.63	1.135	1.72	0.47	1
9	Counter jib 平衡臂		5.73	1.36	0.75	2.11	1
10	Counter jib rod 平衡臂拉杆		4.08	0.08	0.16	0.113	2
11	Luffing of trolley 变幅小车		2.1	2.02	1.85	0.5	1
12	Hook 吊钩		1.05	0.25	2.36	0.32	1

Packing List 运输部件

NO. 序号	Description 名称	Sketch 简图	L(m) 长	B(m) 宽	H(m) 高	Weight of single piece 单件重量 (t)	Q.TY 数量
13	Cab 司机室		2.28	1.41	2.18	0.400	1
14	Hoisting Mechanism 起升机构		2.22	1.92	1.26	2.5	1
15	Trolley luffing mechanism 小车变幅机构		1.12	0.56	0.59	0.35	1
16	Luffing pump station 拉臂泵站		2.01	1.48	1.004	2.2	1
17	Slewing support assembly 回转支座总成		2.3	1.63	2.1	3.5	1
18	Transition section 过渡节		4.66	2.1	2.44	1.34	1
19	Telescoping cage 爬升架		7.6	3.53	3.53	3.32	1
20	Standard section 标准节		3.24	1.73	1.67	1.25	8
21	Basic mast 基础节		7.74	1.73	1.67	6.198	1
22	Pre-embedded leg 预埋支腿		1.507	0.6	0.6	0.12	4
23	Counter weight A 配重块 A		3.5	0.97	1.0	4.5	1
24	Counter weight B 配重块 B		3.5	0.41	1.0	3.0	6



SANY GROUP CRANE BU

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