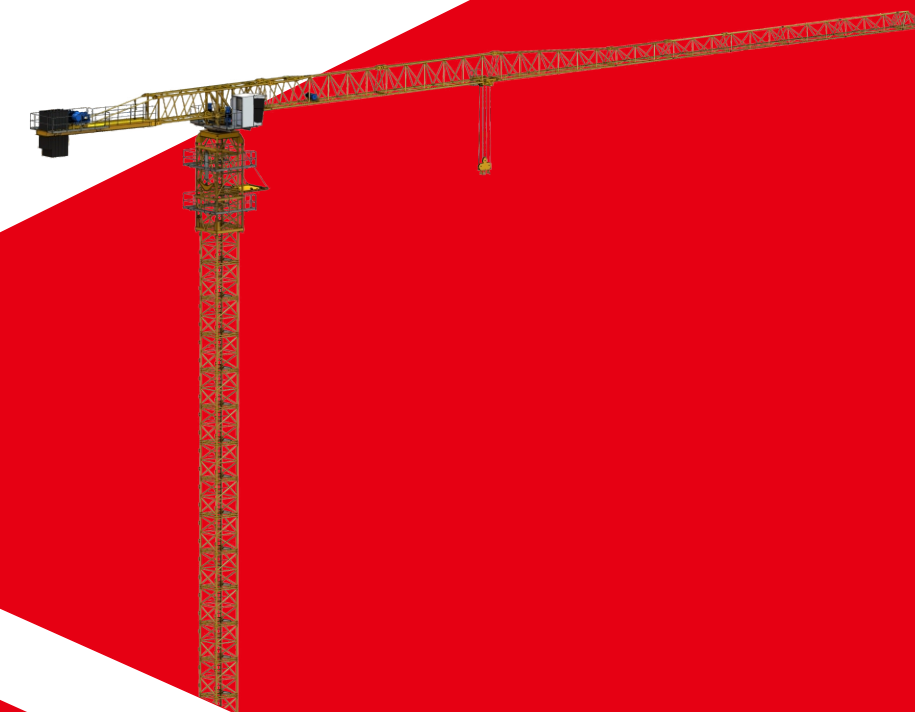




PT系列塔式起重机

PT series tower crane > > >



方圆集团网站



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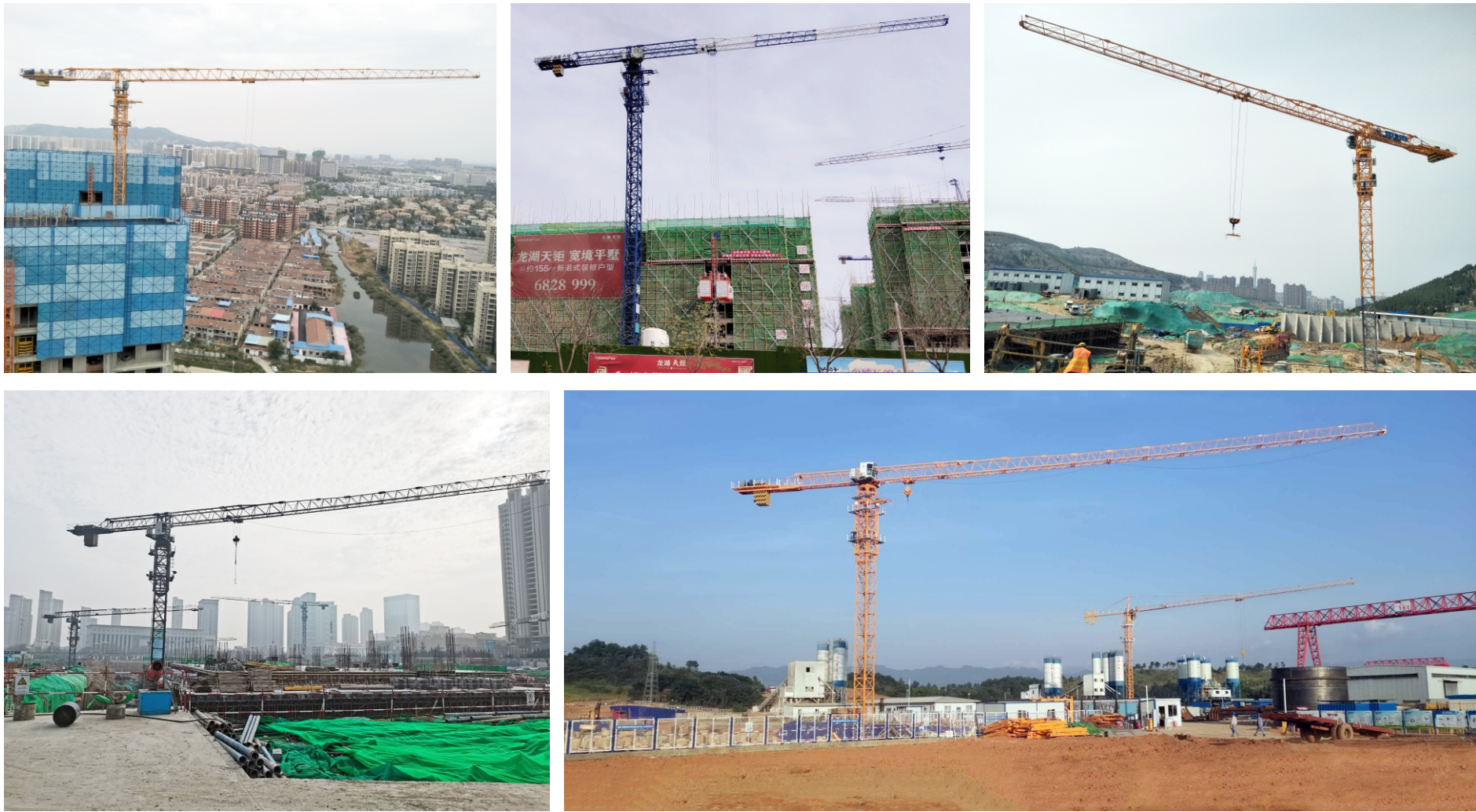
Fangyuan Group Co., Ltd.
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265100 Haiyang, Shandong, China
T+86 535 329 8406
E info@china-fangyuan.com
www.china-fangyuan.com

2021年3月版
内容若有更改，恕不另行通知

卓越品质源自50年的持续关注

PT系列塔式起重机

PT series tower crane



PT系列塔式起重机

PT series tower crane

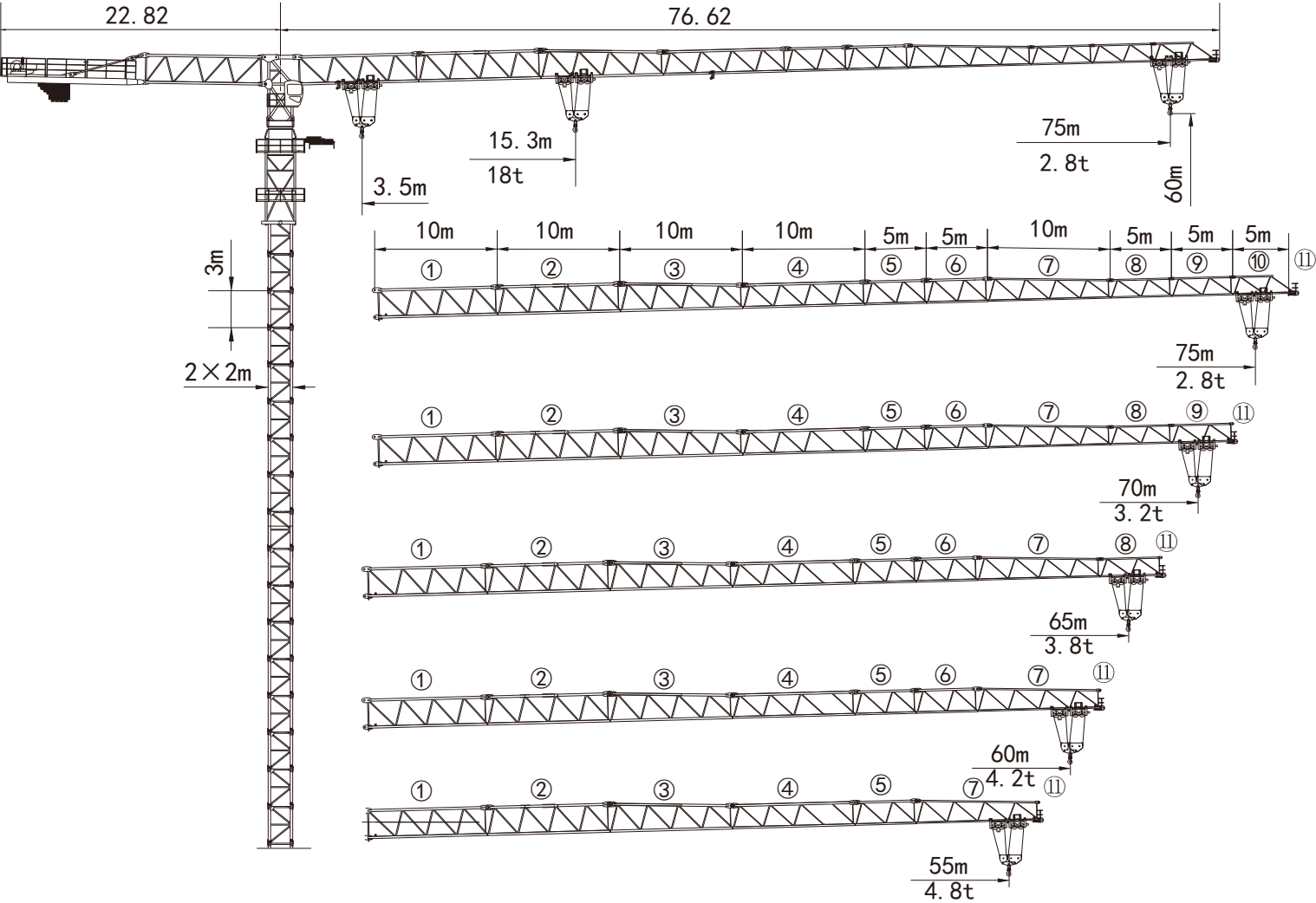
型号type	臂长组合jib length and Lifting weight				
	PT7528-18t	PT7032-18t	PT6538-18t	PT6042-18t	PT5548-18t
	PT7528-16t	PT7032-16t	PT6538-16t	PT6538-16t	PT5548-16t
QTZ250	PT7032-16t	PT6538-16t	PT6538-16t	PT5548-16t	PT5055-16t
QTZ200	PT7015-12t	PT6520-12t	PT6025-12t	PT5532-12t	PT5038-12t
QTZ125	PT6516-10t	PT6020-10t	PT5525-10t	PT5030-10t	PT4535-10t
QTZ125	PT6016-8t	PT5520-8t	PT5025-8t	PT4529-8t	PT3737-8t
QTZ100	PT6013-6t	PT5517-6t	PT5020-6t	PT4524-6t	PT4029-6t
QTZ63	PT5510-6t	PT5013-6t	PT4516-6t	PT4019-6t	
QTZ63	PT5510A-6t	PT5013A-6t	PT4516A-6t	PT4019A-6t	

其它臂长组合请咨询技术服务电话：0535-3298398

产品结构、参数将不断改进，恕不另行通知。
All technical data may change due to development,subject to modification without notice.

PT7528-18t

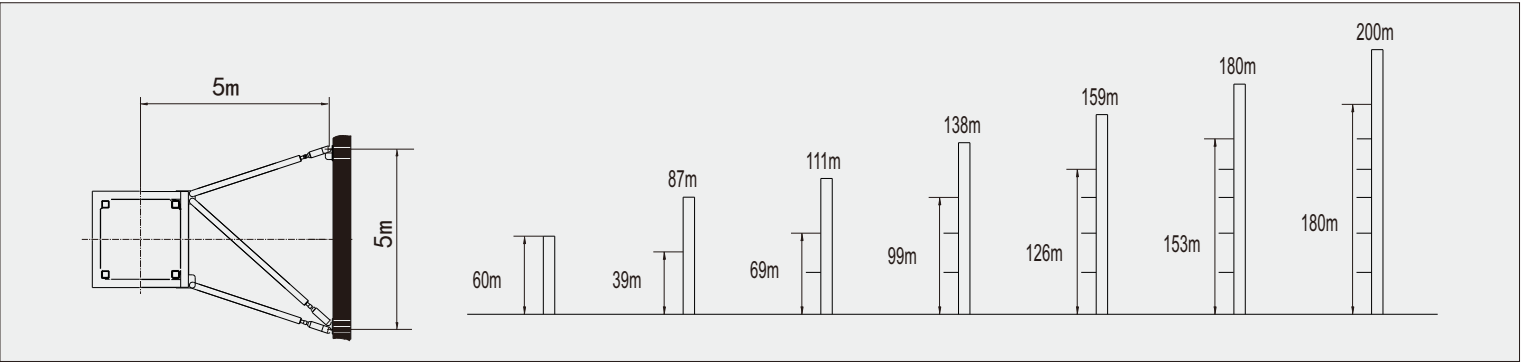
塔式起重机 Tower Crane



载荷特性 Load Capacity

jib(m)		Max.Capacity m/t	20	25	28	30	32	35	38	40	42	45	48	50	52	55	58	60	62	65	68	70	72	75
7528	a=2	3.5~29.1/9	9.00	9.00	9.00	8.68	8.06	7.25	6.58	6.19	5.84	5.37	4.97	4.72	4.50	4.19	3.92	3.76	3.60	3.38	3.19	3.07	2.95	2.80
	a=4	3.5~15.3/18	13.14	10.02	8.71	7.98	7.36	6.55	5.88	5.49	5.14	4.67	4.27	4.02	3.80	3.49	3.22	3.06	2.90	2.68	2.49	2.37	2.25	2.10
7032	a=2	3.5~29.9/9	9.00	9.00	9.00	8.99	8.34	7.51	6.82	6.42	6.05	5.57	5.15	4.90	4.67	4.36	4.08	3.90	3.74	3.52	3.32	3.20		
	a=4	3.5~15.8/18	13.60	10.38	9.03	8.29	7.64	6.81	6.12	5.72	5.35	4.87	4.45	4.20	3.97	3.66	3.37	3.20	3.04	2.82	2.62	2.50		
6538	a=2	3.5~31.4/9	9.00	9.00	9.00	9.00	8.91	8.03	7.29	6.87	6.48	5.97	5.53	5.26	5.01	4.68	4.38	4.20	4.03	3.1				
	a=4	3.5~16.5/18	14.53	11.12	9.68	8.89	8.21	7.33	6.59	6.17	5.78	5.27	4.83	4.56	4.31	3.98	3.68	3.50	3.33	2.4				
6042	a=2	3.5~31.6/9	9.00	9.00	9.00	9.00	8.90	8.02	7.29	6.86	6.48	5.96	5.52	5.25	5.01	4.68	4.38	4.20						
	a=4	3.5~16.6/18	14.51	11.11	9.67	8.88	8.20	7.32	6.59	6.16	5.78	5.26	4.82	4.55	4.31	3.98	3.68	3.50						
5548	a=2	3.5~32.2/9	9.00	9.00	9.00	9.00	9.00	8.21	7.46	7.03	6.63	6.11	5.66	5.39	5.14	4.8								
	a=4	3.5~17/18	14.86	11.38	9.91	9.11	8.41	7.51	6.76	6.33	5.93	5.41	4.96	4.69	4.44	4.1								

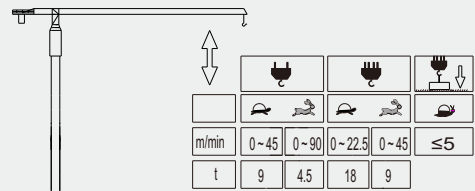
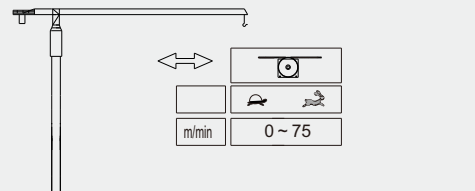
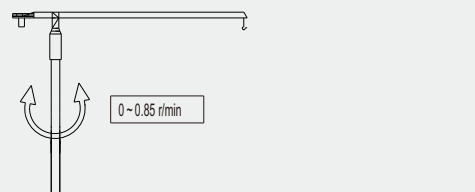
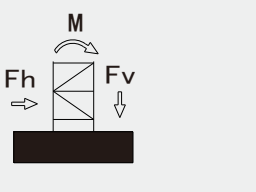
附着参数 Attachment Parameters



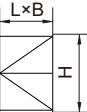
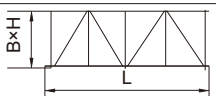
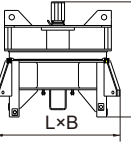
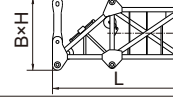
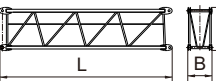
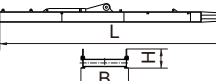
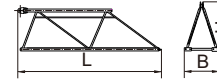
PT7528-18t

塔式起重机 Tower Crane

机构特性 Mechanism Specifications

起升机构 Hoisting	电动机 Motor	变幅机构 Trolleying	电动机 Motor																					
 <table><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td>m/min</td><td>0~45</td><td>0~90</td><td>0~22.5</td><td>0~45</td></tr><tr><td>t</td><td>9</td><td>4.5</td><td>18</td><td>9</td></tr></table>						m/min	0~45	0~90	0~22.5	0~45	t	9	4.5	18	9	75kW	 <table><tr><td></td><td></td><td></td></tr><tr><td>m/min</td><td colspan="2">0~75</td></tr></table>				m/min	0~75		11kW
m/min	0~45	0~90	0~22.5	0~45																				
t	9	4.5	18	9																				
m/min	0~75																							
回转机构 Slewing	电动机 Motor	工作状态 In Service	非工作状态 Out Of Service																					
 0~0.85 r/min	2×185N. m	 M=4053kNm Fv=1596kN Fh=52kN	 M=3886kNm Fv=1342kN Fh=144kN																					
电源 Main supply	~380V/50Hz	基础重量G=210t	Groundwork weight																					
供电容量 Necessary electric power	68.5kW																							

部件参数 Packing list

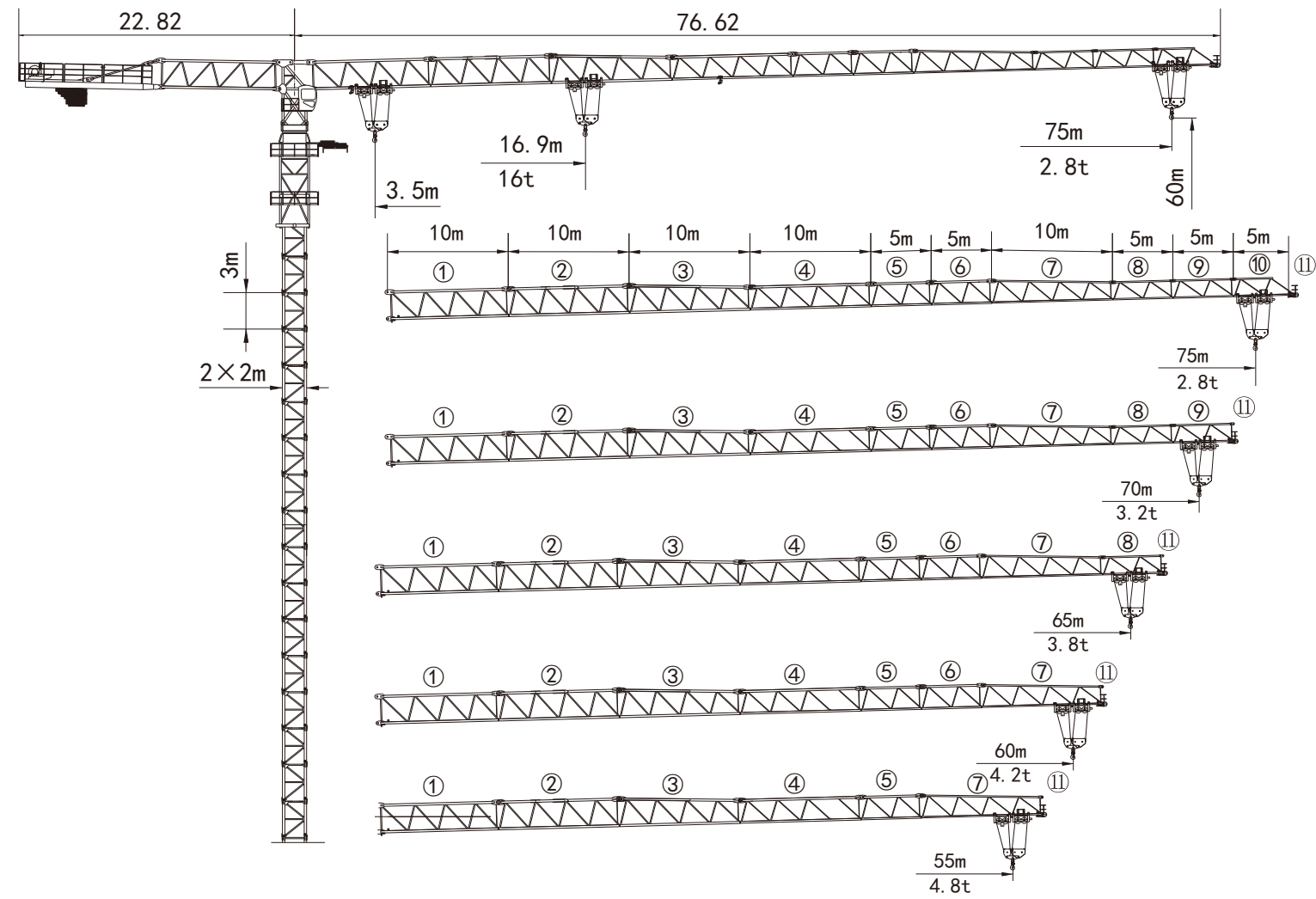
部件名称 Name	部件简图 Diagram	数量 number	L (m)	B (m)	H (m)	G (kg)
标准节 Standard section		19	3	2	2	2020
套架结构 Climbing frame		1	7.25	2.56	2.56	5480
回转总成 Slewing mechanism		1	2.55	2.55	2.37	8968
旋转节 Rotary section		1	5.36	1.53	2.91	7025
平衡臂节 I Counterjib I		1	10.3	1.45	2.57	5195
平衡臂节 II Counterjib II		1	11.2	2.3	0.93	5634
第十节 The ninth section		1	5.18	1.45	1.56	518
第十一节 The eleventh section of the lifting-jib		1	0.83	1.55	0.98	86
司机室 Driver's room		1	1.83	1.2	2.35	467

塔机结构总重：105t
The total weight of the tower structure :105t

- 1、汽车运输：3辆17.5米车+2辆13米车+1辆7.5米车
2、集装箱运输：9个40尺普高柜+1个40尺开顶柜+1个40尺框架柜

PT7528-16t

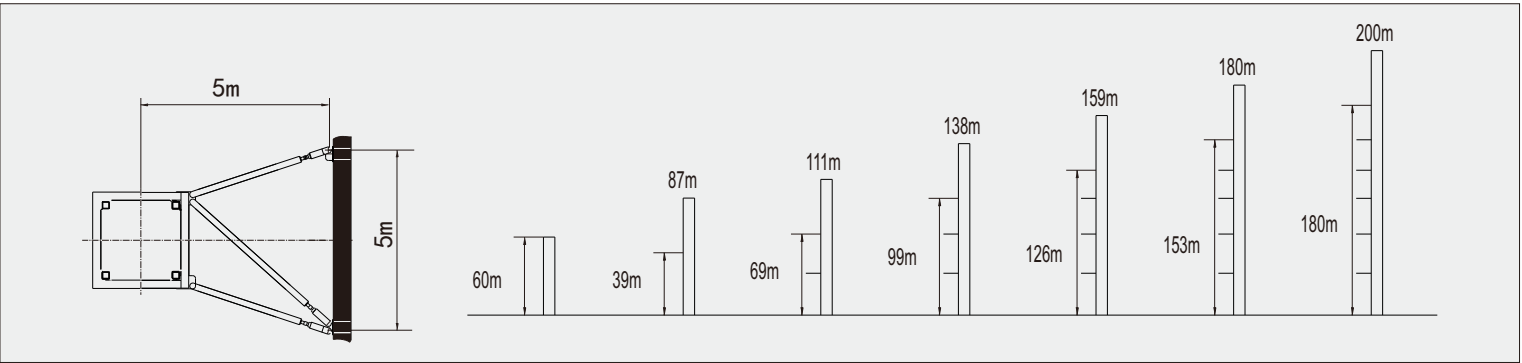
塔式起重机 Tower Crane



载荷特性 Load Capacity

jib(m)		Max.Capacity m/t	20	25	28	30	32	35	38	40	42	45	48	50	52	55	58	60	62	65	68	70	72	75
7528	a=2	3.5~32.1/8	8.00	8.00	8.00	8.00	8.00	7.25	6.58	6.19	5.84	5.37	4.97	4.72	4.50	4.19	3.92	3.76	3.60	3.38	3.19	3.07	2.95	2.80
	a=4	3.5~16.9/16	13.14	10.02	8.71	7.98	7.36	6.55	5.88	5.49	5.14	4.67	4.27	4.02	3.80	3.49	3.22	3.06	2.90	2.68	2.49	2.37	2.25	2.10
7032	a=2	3.5~33.1/8	8.00	8.00	8.00	8.00	8.00	7.51	6.82	6.42	6.05	5.57	5.15	4.90	4.67	4.36	4.08	3.90	3.74	3.52	3.32	3.20		
	a=4	3.5~17.4/16	13.60	10.38	9.03	8.29	7.64	6.81	6.12	5.72	5.35	4.87	4.45	4.20	3.97	3.66	3.37	3.20	3.04	2.82	2.62	2.50		
6538	a=2	3.5~35/8	8.00	8.00	8.00	8.00	8.00	8.00	7.29	6.87	6.48	5.97	5.53	5.26	5.01	4.68	4.38	4.20	4.03	3.1				
	a=4	3.5~18.3/16	14.53	11.12	9.68	8.89	8.21	7.33	6.59	6.17	5.78	5.27	4.83	4.56	4.31	3.98	3.68	3.50	3.33	2.4				
6042	a=2	3.5~35.1/8	8.00	8.00	8.00	8.00	8.00	8.00	7.29	6.86	6.48	5.96	5.52	5.25	5.01	4.68	4.38	4.20						
	a=4	3.5~18.4/16	14.51	11.11	9.67	8.88	8.20	7.32	6.59	6.16	5.78	5.26	4.82	4.55	4.31	3.98	3.68	3.50						
5548	a=2	3.5~32.3/8	8.00	8.00	8.00	8.00	8.00	8.00	7.46	7.03	6.63	6.11	5.66	5.39	5.14	4.8								
	a=4	3.5~18.7/16	14.86	11.38	9.91	9.11	8.41	7.51	6.76	6.33	5.93	5.41	4.96	4.69	4.44	4.1								

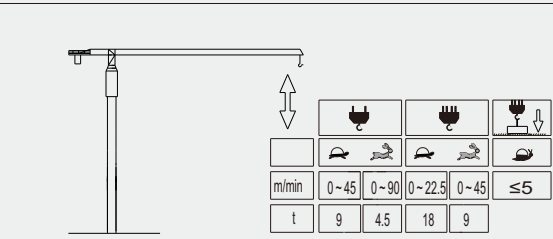
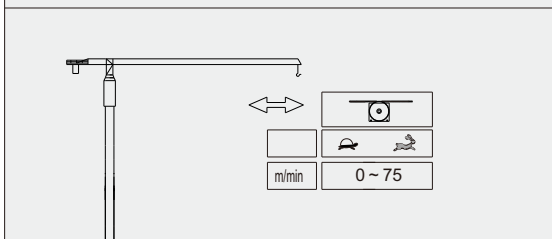
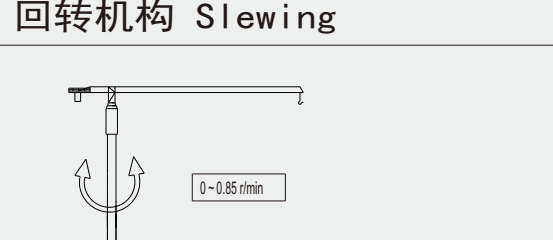
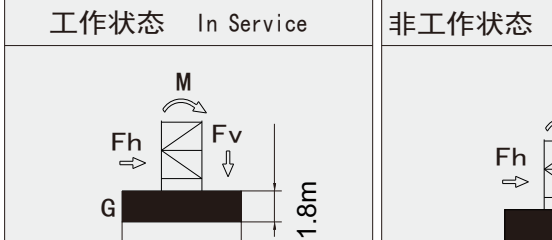
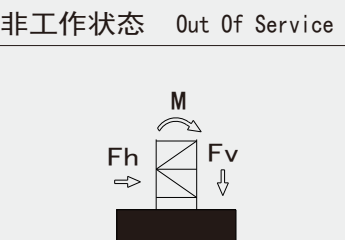
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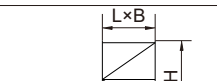
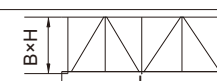
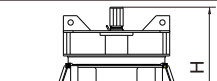
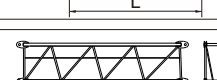
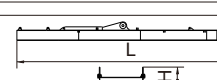
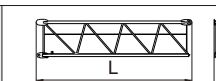
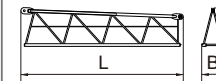
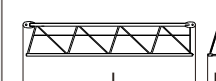
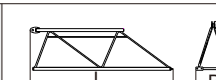
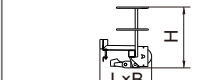
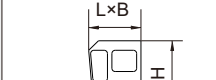
PT7528-16t

塔式起重机 Tower Crane

机构特性 Mechanism Specifications

起升机构 Hoisting	电动机 Motor	变幅机构 Trolleying	电动机 Motor																	
 <table><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td>m/min</td><td>0~45</td><td>0~90</td><td>0~22.5</td><td>0~45</td></tr><tr><td>t</td><td>9</td><td>4.5</td><td>18</td><td>9</td></tr></table>						m/min	0~45	0~90	0~22.5	0~45	t	9	4.5	18	9	75kW	 <table><tr><td>m/min</td><td>0~75</td></tr></table>	m/min	0~75	11kW
m/min	0~45	0~90	0~22.5	0~45																
t	9	4.5	18	9																
m/min	0~75																			
回转机构 Slewing	电动机 Motor	工作状态 In Service	非工作状态 Out Of Service																	
 0~0.85 r/min	2×185N. m	 M=4053kNm Fv=1596kN Fh=52kN	 M=3886kNm Fv=1342kN Fh=144kN																	
电源 Main supply	~380V/50Hz	基础重量G=210t	Groundwork weight																	
供电容量 Necessary electric power	68.5kW																			

部件参数 Packing list

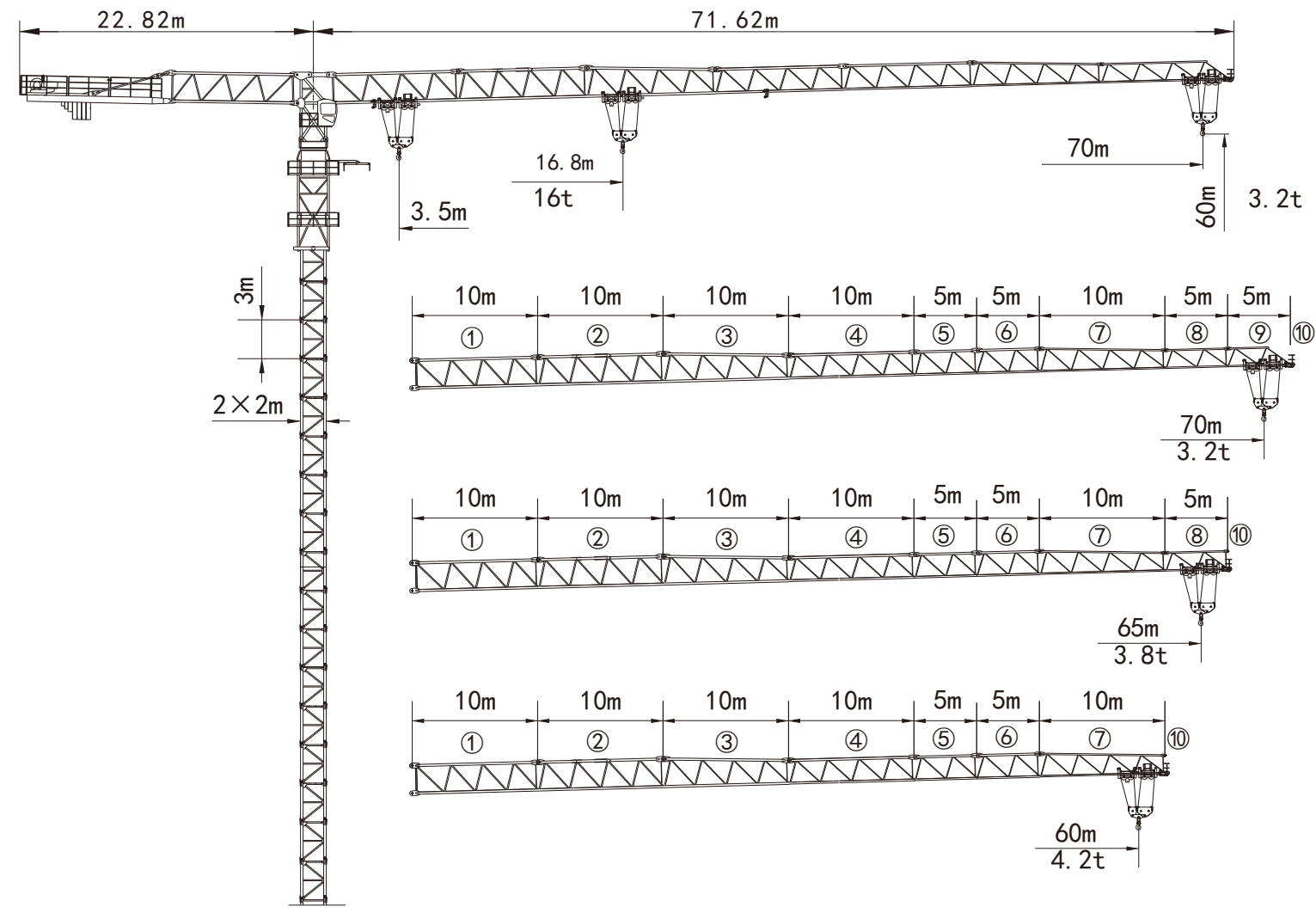
部件名称 Name	部件简图 Diagram	数量 number	L (m)	B (m)	H (m)	G (kg)
标准节 Standard section		19	3	2	2	2020
套架结构 Climbing frame		1	7.25	2.56	2.56	5480
回转总成 Slewing mechanism		1	2.55	2.55	2.37	8968
旋转节 Rotary section		1	5.36	1.53	2.91	7025
平衡臂节 I Counterjib I		1	10.3	1.45	2.57	5195
平衡臂节 II Counterjib II		1	11.2	2.3	0.93	5634
第一节 The first 第二节 The second 第四节 The fourth		1 1 1	10.4 10.4 10.4	1.51 1.50 1.45	2.58 2.49 2.05	5413 4405 2435
第三节 The third 第七节 The seventh		1 1	10.4 10.3	1.45 1.45	2.48 1.99	3211 1378
第五节 The fifth 第六节 The sixth 第八节 The eighth 第九节 The ninth		1 1 1 1	5.3 5.3 5.2 5.2	1.45 1.45 1.45 1.45	2.04 2.04 1.58 1.58	1000 950 606 606
第十节 The ninth section		1	5.18	1.45	1.56	518
第十一节 The eleventh section of the lifting-jib		1	0.83	1.55	0.98	86
司机室 Driver's room		1	1.83	1.2	2.35	467

塔机结构总重：105t
The total weight of the tower structure :105t

- 1、汽车运输：3辆17.5米车+2辆13米车+1辆7.5米车
2、集装箱运输：9个40尺普高柜+1个40尺开顶柜+1个40尺框架柜

QTZ250(PT7032-16t)

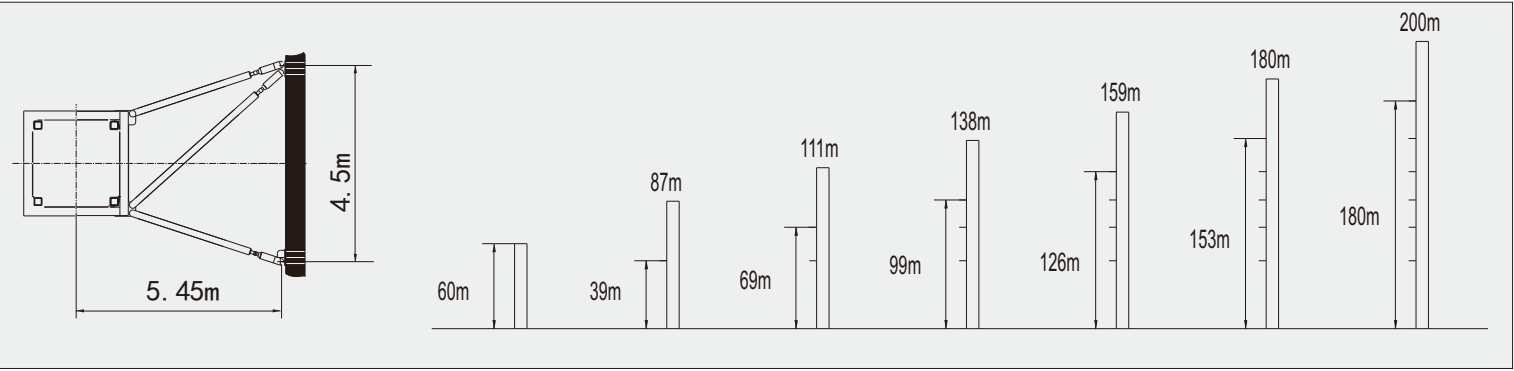
塔式起重机 Tower Crane



载荷特性 Load Capacity

Jib (m)		16.8	18	20	22	25	28	30	31.8	35	38	40	42	45	48	50	52	55	58	60	62	65	68	70
70m	2倍率	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	7.20	6.55	6.18	5.85	5.40	5.01	4.78	4.56	4.27	4.01	3.85	3.70	3.50	3.31	3.20
	4倍率	16.00	14.78	13.09	11.72	10.11	8.85	8.16	7.60	6.80	6.15	5.78	5.45	5.00	4.61	4.38	4.16	3.87	3.61	3.45	3.30	3.10	2.91	2.80
Jib (m)		17.9	20	22	25	28	30	32	34.07	38	40	42	45	48	50	52	55	58	60	62	65			
65m	2倍率	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	7.07	6.67	6.31	5.83	5.42	5.17	4.94	4.62	4.34	4.17	4.02	3.80			
	4倍率	16.00	14.10	12.64	10.90	9.56	8.82	8.18	7.60	6.67	6.27	5.91	5.43	5.02	4.77	4.54	4.22	3.94	3.77	3.62	3.40			
Jib (m)		17.9	20	22	25	28	30	32	34.2	38	40	42	45	48	50	52	55	58	60					
60m	2倍率	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	7.10	6.70	6.34	5.86	5.44	5.19	4.96	4.65	4.37	4.20					
	4倍率	16.00	14.16	12.69	10.96	9.61	8.86	8.22	7.60	6.70	6.30	5.94	5.46	5.04	4.79	4.56	4.25	3.97	3.80					

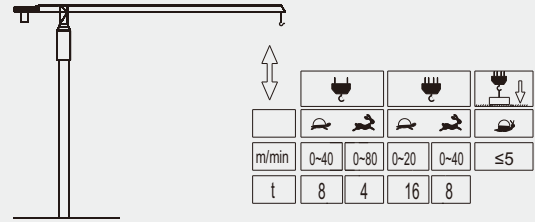
附着参数 Attachment Parameters

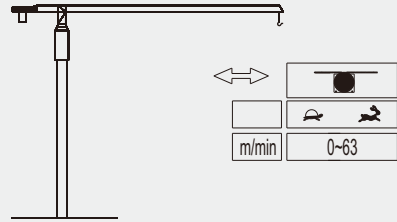


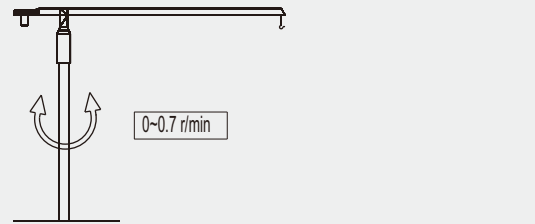
QTZ250(PT7032-16t)

塔式起重机 Tower Crane

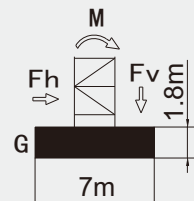
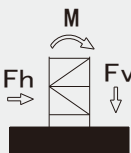
机构特性 Mechanism Specifications

起升机构 Hoisting		电动机 Motor																
 <table><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td>m/min</td><td>0~40</td><td>0~80</td><td>0~20</td><td>0~40</td></tr><tr><td>t</td><td>8</td><td>4</td><td>16</td><td>8</td></tr></table>							m/min	0~40	0~80	0~20	0~40	t	8	4	16	8	75kW	
m/min	0~40	0~80	0~20	0~40														
t	8	4	16	8														

变幅机构 Trolleying		电动机 Motor			
 <table><tr><td>m/min</td><td>0~63</td></tr></table>		m/min	0~63	7.5kW	
m/min	0~63				

回转机构 Slewing		电动机 Motor		
 <table><tr><td>0~0.7 r/min</td></tr></table>		0~0.7 r/min	7.5kW×2 (等效)	
0~0.7 r/min				

电源 Main supply		~ 380V/50Hz	
供电容量 Supply power		97.5kW	

工作状态 In Service		非工作状态 Out Of Service	
 M=3688kNm Fv=1424kN Fh=25kN		 M=2836kNm Fv=1264kN Fh=105kN	
基础重量 Groundwork weight G=210t			

部件参数 Packing list

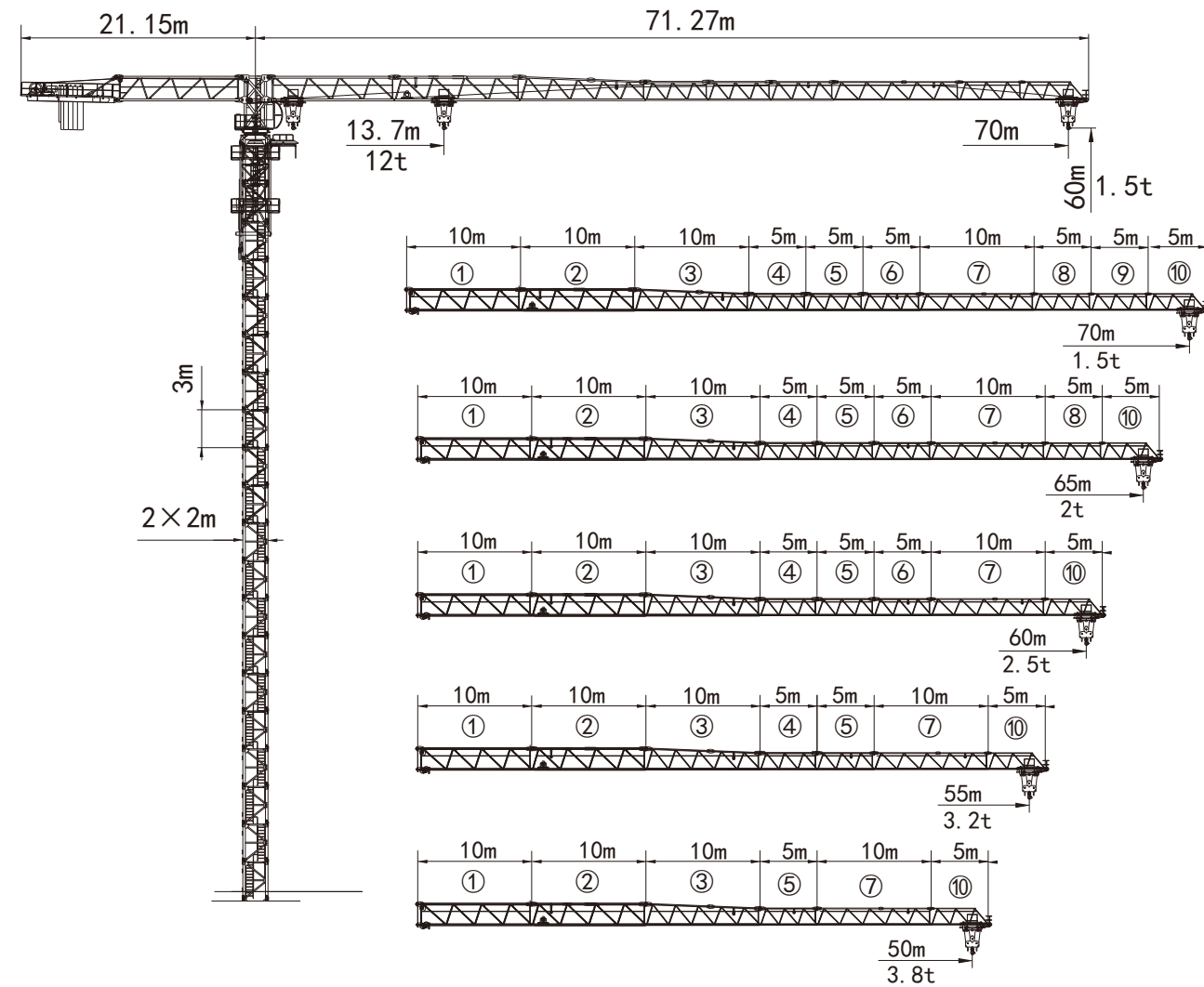
部件名称 Name	部件简图 Diagram	数量 number	L (m)	W (m)	H (m)	G (kg)
标准节 Mast section		19	2	2	3	2020
套架结构 Climbing frame		1	7.26	2.56	2.82	4750
回转总成 Slewing mechanism		1	2.85	2.56	2.3	7550
旋转节 Rotary section		1	5.36	1.53	2.91	7025
平衡臂 Counterjib ①		1	10	1.45	2.57	5195
②		1	11.2	2.3	0.93	5634

部件名称 Name	部件简图 Diagram	数量 number	L (m)	W (m)	H (m)	G (kg)
起重臂 Jib ①		1	10	1.45	2.58	5413
②		1	10	1.45	2.49	4405
③		1	10	1.45	2.48	3150
⑦		1	10	1.45	1.99	1380
④		1	10	1.45	2.05	2435
⑤		1	5	1.45	2.05	1000
⑥		1	5	1.45	2.05	950
⑧		1	5	1.45	1.58	606
⑨		1	5	1.45	1.58	518
⑩		1	0.83	1.55	0.98	107
司机室 Cabin		1	1.83	1.2	2.35	467

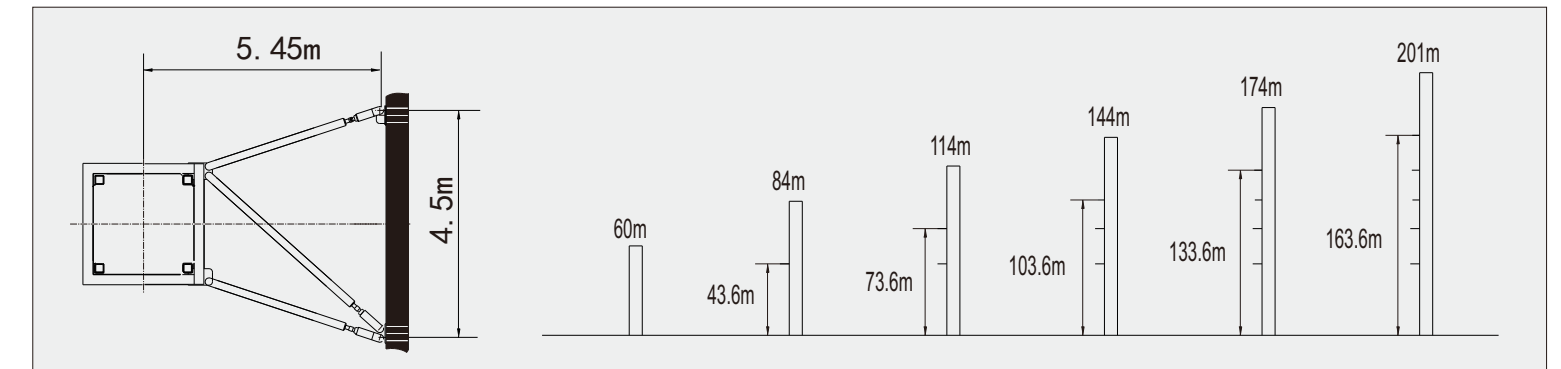
塔机结构总重：≈102t
The total weight of the tower structure :≈102t

1、汽车运输：4辆17.5米车；8辆13米车
2、集装箱运输：9个40尺普高柜+1个40尺开顶柜+1个40尺框架柜

塔式起重机 Tower Crane



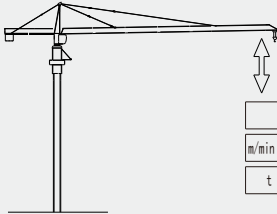
jib(m)		Max.Capacity m/t	22	24	26	28	30	32	34	36	38	40	43	45	48	50	52	55	58	60	63	65	68	70
7015	a=2	3~24/6	6.00	6.00	5.68	5.19	4.77	4.41	4.09	3.80	3.55	3.32	3.02	2.84	2.61	2.46	2.33	2.15	2.00	1.90	1.76	1.68	1.57	1.50
	a=4	3~13.7/12	6.93	6.25	5.68	5.19	4.77	4.41	4.09	3.80	3.55	3.32	3.02	2.84	2.61	2.46	2.33	2.15	2.00	1.90	1.76	1.68	1.57	1.50
6520	a=2	3~27.7/6	6.00	6.00	6.00	5.94	5.47	5.06	4.70	4.38	4.09	3.84	3.50	3.30	3.03	2.88	2.73	2.53	2.35	2.24	2.09	2.00		
	a=4	3~15.3/12	7.90	7.13	6.49	5.94	5.47	5.06	4.70	4.38	4.09	3.84	3.50	3.30	3.03	2.88	2.73	2.53	2.35	2.24	2.09	2.00		
6025	a=2	3~29.9/6	6.00	6.00	6.00	6.00	5.99	5.55	5.16	4.81	4.50	4.23	3.86	3.65	3.36	3.18	3.02	2.81	2.61	2.50				
	a=4	3~16.5/12	8.62	7.79	7.09	6.50	5.99	5.55	5.16	4.81	4.50	4.23	3.86	3.65	3.36	3.18	3.02	2.81	2.61	2.50				
5532	a=2	3~33/6	6.00	6.00	6.00	6.00	6.00	6.00	5.79	5.41	5.07	4.76	4.36	4.12	3.80	3.61	3.43	3.20						
	a=4	3~18.1/12	9.62	8.70	7.93	7.28	6.71	6.22	5.79	5.41	5.07	4.76	4.36	4.12	3.80	3.61	3.43	3.20						
5038	a=2	3~34.3/6	6.00	6.00	6.00	6.00	6.00	6.00	6.00	5.67	5.31	5.00	4.57	4.33	4.00	3.80								
	a=4	3~18.8/12	10.05	9.09	8.29	7.61	7.02	6.51	6.06	5.67	5.31	5.00	4.57	4.33	4.00	3.80								

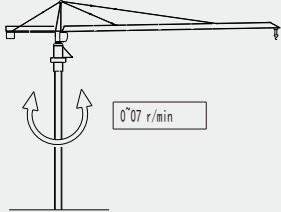


QTZ200(PT7015-12t)

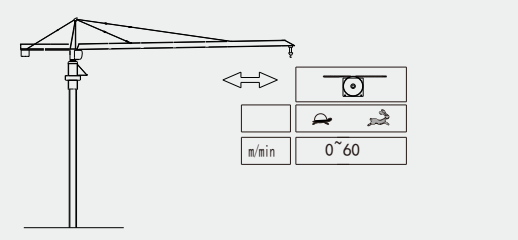
塔式起重机 Tower Crane

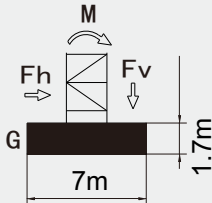
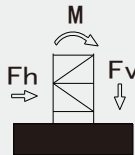
机构特性 Mechanism Specifications

起升机构 Hoisting	电动机 Motor																				
 <table><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td>m/min</td><td>45</td><td>90</td><td>22.5</td><td>45</td><td>≤5</td></tr><tr><td>t</td><td>6</td><td>3</td><td>12</td><td>6</td><td></td></tr></table>									m/min	45	90	22.5	45	≤5	t	6	3	12	6		55kW
																					
																					
m/min	45	90	22.5	45	≤5																
t	6	3	12	6																	

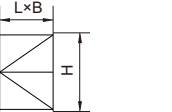
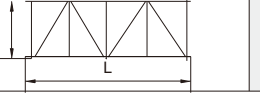
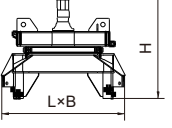
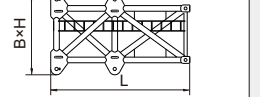
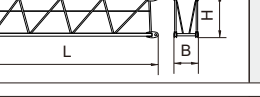
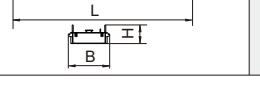
回转机构 Slewing	电动机 Motor
 0~07 r/min	5.5kW×2

电源 Main supply	~380V/50Hz
供电容量 Necessary electric power	71.5kW

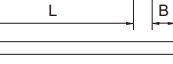
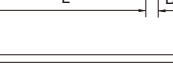
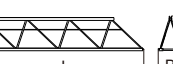
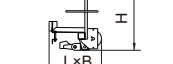
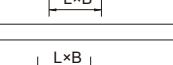
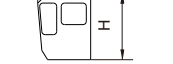
变幅机构 Trolleying	电动机 Motor		
 <table><tr><td>m/min</td><td>0~60</td></tr></table>	m/min	0~60	5.5kW
m/min	0~60		

工作状态 In Service	非工作状态 Out Of Service
 $M=4060\text{kNm}$ $F_v=1160\text{kN}$ $F_h=50.8\text{kN}$	 $M=5026\text{kNm}$ $F_v=1040\text{kN}$ $F_h=136\text{kN}$
基础重量G=2100kN	Groundwork weight

部件参数 Packing list

部件名称 Name	部件简图 Diagram	数量 number	L (m)	B (m)	H (m)	G (kg)
标准节 Standard section		11 1 8	2 2 2	2 2 2	3 3 3	1858 1878 2021
套架结构 Climbing frame		1	7.58	2.56	2.82	4608
回转总成 Slewing mechanism		1	2.50	2.50	2.36	6225
旋转节 Rotary section		1	1.93	2.24	1.52	2081
平衡臂节 I Counterjib I		1	10.26	1.45	2.18	4334
平衡臂节 II Counterjib II		1	9.84	1.69	0.76	3605

塔机结构总重: 80.7t
The total weight of the tower structure :80.7t

部件名称 Name	部件简图 Diagram	数量 number	L (m)	B (m)	H (m)	G (kg)
起重臂第一节 first section		1	10.3	1.59	2.18	4012
起重臂第二节 second section		1	10.3	1.45	2.05	3200
第三节 The third		1	10.3	1.45	2.02	2220
第四节 The fourth		1	5.32	1.45	1.61	962
第五节 The fifth		1	5.31	1.45	1.61	910
第六节 The sixth		1	5.28	1.45	1.58	849
第七节 The seventh		1	10.2	1.45	1.56	1075
第八节 The eighth		1	5.21	1.45	1.52	451
第九节 The ninth		1	5.20	1.45	1.52	450
第十节 The tenth		1	5.15	1.45	1.52	416
第十一节 The eleventh		1	0.95	1.66	1.01	95
司机室 Driver's room		1	1.7	1.2	2.15	600

- 汽车运输: 3辆17.5米车+2辆13米车
- 集装箱运输: 10个40尺高柜+1个20尺普柜