



ZOOMLION

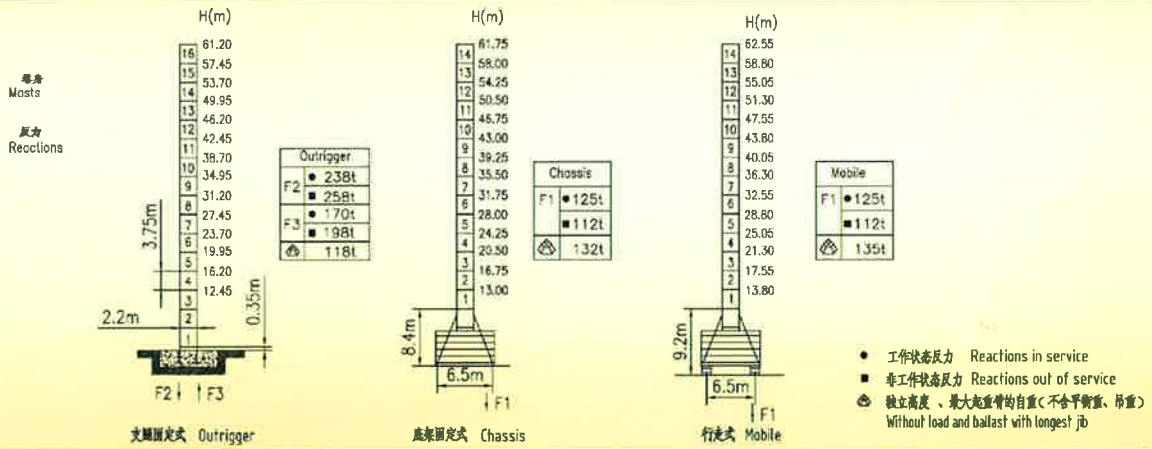
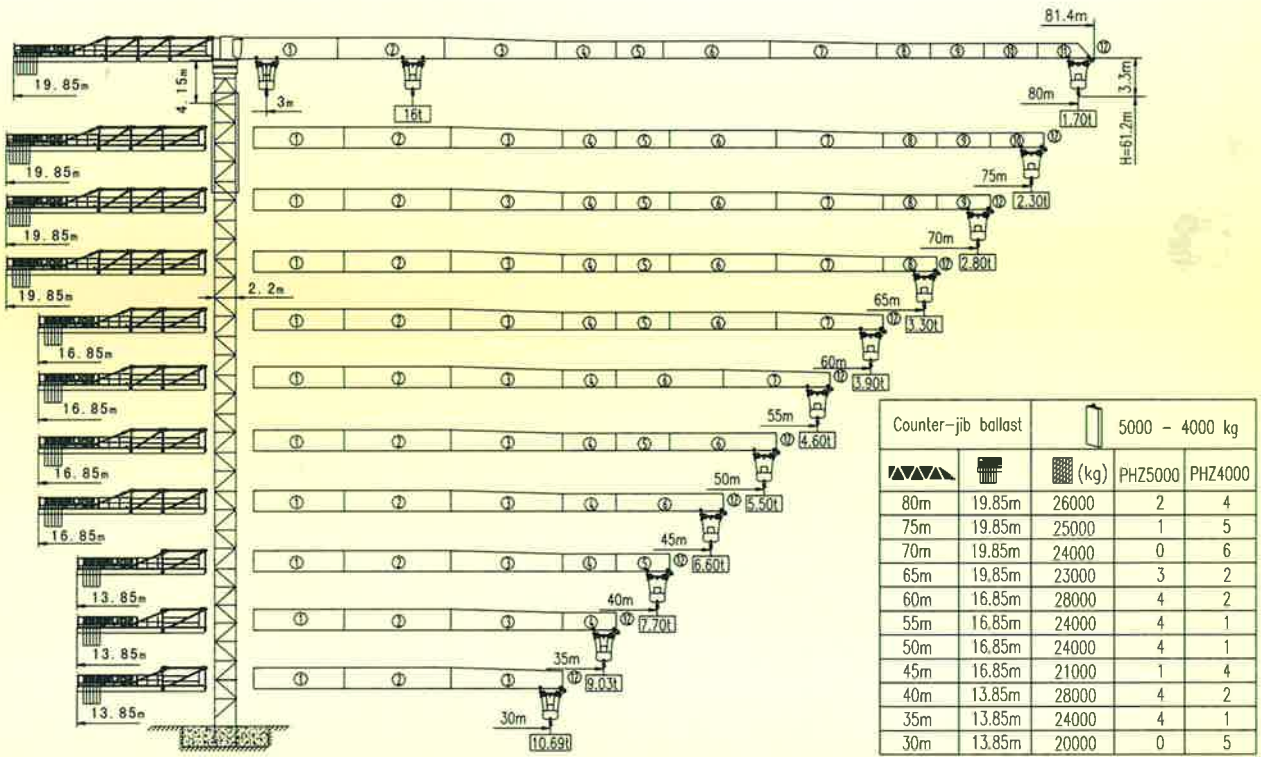


Maximum working radius	80m
Maximum load	16t
Load at jib end	1.7t
Tower Section	2.2*3.75m
























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CE EN 14439 C25

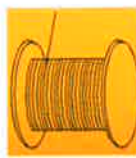







T320-16



Load Diagrams

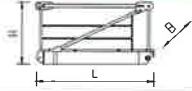





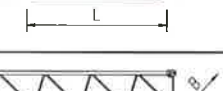

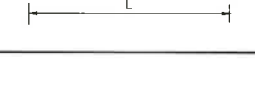

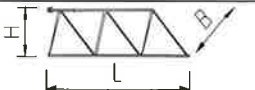

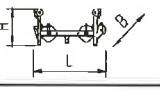
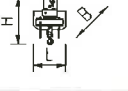
		Max Capacity m/t	15	20	25	30	35	40	45	50	55	60	65	70	75	80
80m (R=81.5)		3.0-29.0m	8.00			7.67	6.28	5.25	4.45	3.82	3.30	2.87	2.51	2.20	1.93	1.70
		3.0-16.3m	16.00	12.51	9.51	7.55	6.16	5.13	4.33	3.70	3.18	2.75	2.39	2.08	1.81	1.58
75m (R=76.5)		3.0-31.3m	8.00				6.96	5.85	5.00	4.32	3.77	3.31	2.92	2.59	2.30	
		3.0-17.5m	16.00	13.64	10.43	8.32	6.84	5.73	4.88	4.20	3.65	3.19	2.80	2.47	2.18	
70m (R=71.5)		3.0-32.5m	8.00				7.29	6.15	5.28	4.58	4.01	3.54	3.14	2.80		
		3.0-18.0m	16.00	14.15	10.86	8.69	7.17	6.03	5.16	4.46	3.89	3.42	3.02	2.68		
65m (R=66.5)		3.0-33.5m	8.00				7.59	6.42	5.51	4.79	4.20	3.71	3.30			
		3.0-18.6m	16.00	14.69	11.28	9.05	7.47	6.30	5.39	4.67	4.08	3.59	3.18			
60m (R=61.5)		3.0-34.2m	8.00				7.77	6.60	5.69	4.97	4.39	3.90				
		3.0-18.8m	16.00	14.85	11.45	9.22	7.65	6.48	5.57	4.85	4.27	3.78				
55m (R=56.5)		3.0-35.4m	8.00					6.89	5.95	5.21	4.60					
		3.0-19.4m	16.00	15.46	11.93	9.62	7.99	6.77	5.83	5.09	4.48					
50m (R=51.5)		3.0-36.9m	8.00					7.26	6.28	5.50						
		3.0-20.2m	16.00		12.53	10.11	8.41	7.14	6.16	5.38						
45m (R=46.5)		3.0-38.3m	8.00					7.61	6.60							
		3.0-20.9m	16.00		13.03	10.55	8.79	7.49	6.48							
40m (R=41.5)		3.0-38.7m	8.00					7.70								
		3.0-21.1m	16.00		13.18	10.67	8.90	7.58								
35m (R=36.5)		3.0-35.0m	8.00													
		3.0-21.1m	16.00		13.20	10.68	8.91									
30m (R=31.5)		3.0-30.0m	8.00													
		3.0-21.1m	16.00		13.20	10.69										

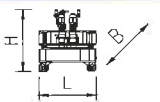
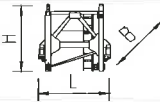
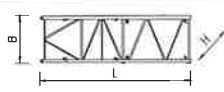

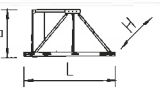


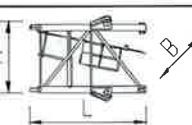

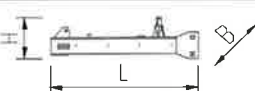
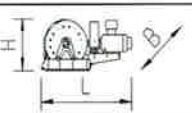
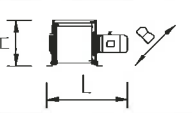
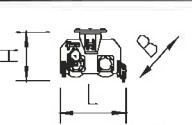
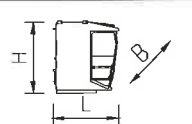
Mechanisms

Slewing	Type	HPV145B1.130A	Hoisting	Type	QPL1690B		
		HPV145B2.130A		Power	60/60 kW		
	0~0.53r/min	2×145N.m	 970mφ (6 layers) Consult us if overtop	III		8t	35m/min
						16t	17.5m/min
Trolleying	Type	BP75		IV		4t	70m/min
						8t	35m/min
	0~80m/min	7.5 kW		V		1.5t	90m/min
					3t	45m/min	
		400V(+10%-10%) 50Hz	Total power requirement : 82.5+4×5.2 kW				

*Top European mechanisms optional
Due to continuous improvement of product, specifications subject to change without notice

Packing list

No.	Designation	Outline	L(m)	B(m)	H(m)	Weight per piece(t)	Qty
1	Counter-jib I		4.5	2.0	2.5	2.45	1
2	Counter-jib II		3.4	2.1	2.5	1.97	2
3	Counter-jib III		8.8	2.1	1.0	3.08	1
4	Jib section I		12.0	1.7	2.5	6.52	1
5	Jib section II		10.4	1.5	2.4	3.48	1
6	Jib section III		10.9	1.5	2.3	2.81	1
7	Jib section IV		5.4	1.5	2.0	1.38	1
8	Jib section V		5.3	1.5	1.9	1.27	1
9	Jib section VI		10.3	1.5	1.9	1.66	1
10	Jib section VII		10.3	1.5	1.9	1.20	1
11	Jib section VIII		5.2	1.5	1.6	0.48	1
12	Jib section IX		5.2	1.5	1.6	0.39	1
13	Jib section X		5.2	1.5	1.6	0.35	1
14	Jib section XI		5.2	1.5	1.6	0.31	1
15	Jib end		0.9	1.7	1.6	0.17	1
16	Trolley		2.4	1.7	1.2	0.45	1
17	Hook		1.4	0.6	1.8	1.17	1

No.	Designation	Outline	L(m)	B(m)	H(m)	Weight per piece(t)	Qty
18	Slewing assembly		2.4	2.3	2.5	6.31	1
19	Transition tower		2.8	2.8	2.6	3.37	1
20	Climbing cage (Piece)		8.0	3.0	1.5	8.20	1
21	Tower Section (Integral)		4.1	2.3	2.3	2.57	15
22	Tower Section (Piece)		4.15	2.25	0.70	2.82	15
23	Base tower section		4.1	2.3	2.3	2.49	1
24	Undercarriage tower section I		4.1	2.3	2.3	2.75	1
25	Undercarriage tower section II		4.1	2.7	2.7	3.13	1
26	Base main beam		10.0	1.1	1.4	2.66	1
27	Half base beam		4.7	0.8	1.4	1.30	2
28	Hoisting winch		3.1	2.7	1.6	5.15	1
29	Trolleying winch		1.4	1.0	0.8	0.65	1
30	Driving Dolly		1.3	1.4	0.9	0.90	4
31	Cabin		4.2	1.7	2.38	2.20	1



ZOOMLION, the world's leading construction machinery manufacturer, has created a miracle in world's tower crane industry and sustained 100% annual growth rate over the past three years. We have grown to be one of the TOP 3 tower crane manufacturers in the world.

In order to explore high-end market and increase product suitability for European markets, ZOOMLION signed an exclusive technology transfer agreement in 2011 for a whole set of technologies concerning flat-top tower cranes with JOST Crane GmbH & Co., KG, owned by Mr. Franc Jost, who previously designed more than 45 crane models for world's leading crane manufacturers.

The agreement licensed ZOOMLION as the solo party to use the German topless tower crane knowledge and technologies exclusively. And in addition, German experts also provide a series of technical assists and supports for ZOOMLION engineers to help further reforge the technology, and finally harmonize original German engineering design with China sourced materials in order to reduce cost and provide cost-effective cranes for world-wide users.

Based on this cooperation, we are proud to launch T320-16 as the first model in the new series that fully complies with EN standards and combines the strength of original German design and the ZOOMLION features. It is the perfect mixture of the rigorousness of German engineering and the scale economic effect of China manufacturing.

Development of T320-16 is the initial step of ZOOMLION to start the brand new series of flat-top tower cranes. A full range of topless tower cranes will be launched in the coming years and we can provide one stop solution for various clients all over the world.



Simplicity and flexibility

- Original and distinct square cross section design for the first jib section, provide ample space for maintenance and overhaul.



- Brand new 4-section counter-jib design, multiple configurations for different jib length, reduce space requirement for counter-jib slewing, save jobsite clearance space.



- Unique pin connection for the jib section joint, easy and quick assembly and dismantling.



- Multiple jib, counter-jib, mast and mechanism configurations, to satisfy different customer needs.

Visibility

- Spacious cabin configuration provides wide visibility and comfortable user experience, and thus contributes to safety and productivity.



Accessibility

- Spacious air-conditioned cabinet for integrated electrical control system, easy for maintenance and provides appropriate working environment for the devices, extending service time of the system.



- Cable connectors utilized in electrical system, for easy and quick connection.





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