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**SANY TOWER CRANE
SYT160 (T7015-10)**

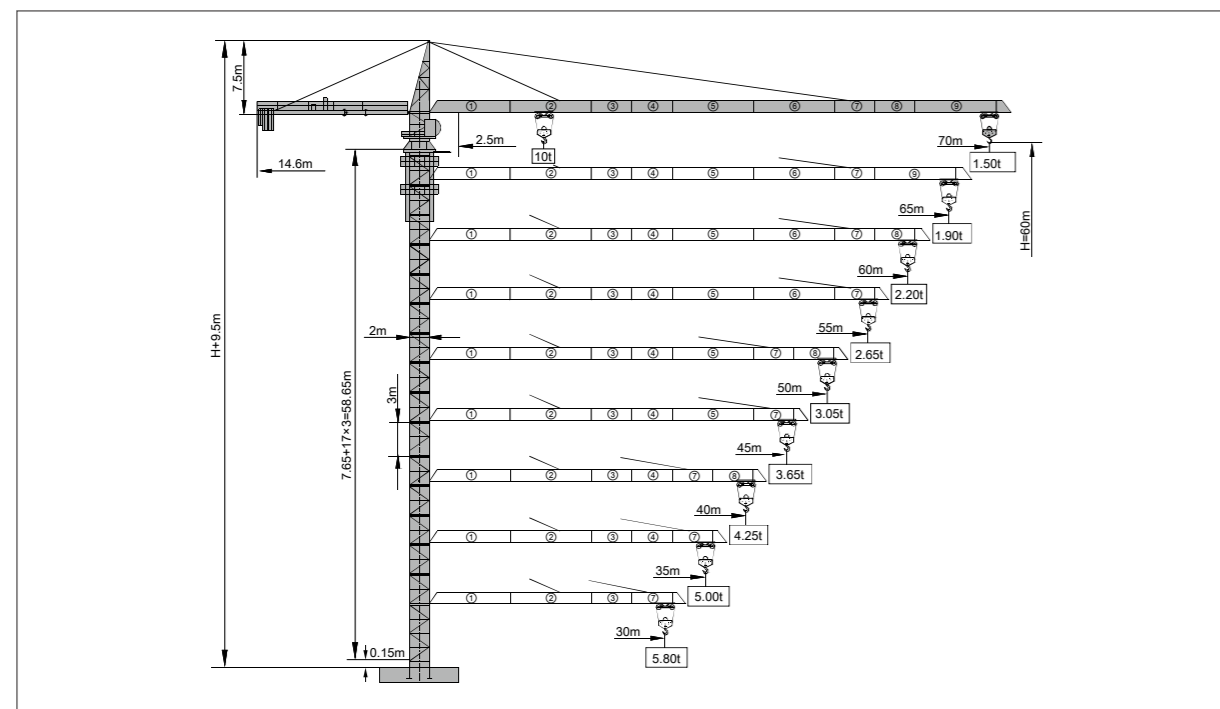
SANY HEAVY INDUSTRY CO.,LTD.

Address: SANY Industrial Park, Economic and Technological Development Zone,
Changsha, Hunan, China.
Service Hotline: +0086-4006-098-318
Email: crd@sany.com.cn
For more information, please visit: www.sanygroup.com

For our consistent improvement in technology, specifications may change without notice.
The machines illustrated may show optional equipment which can be supplied at additional cost.

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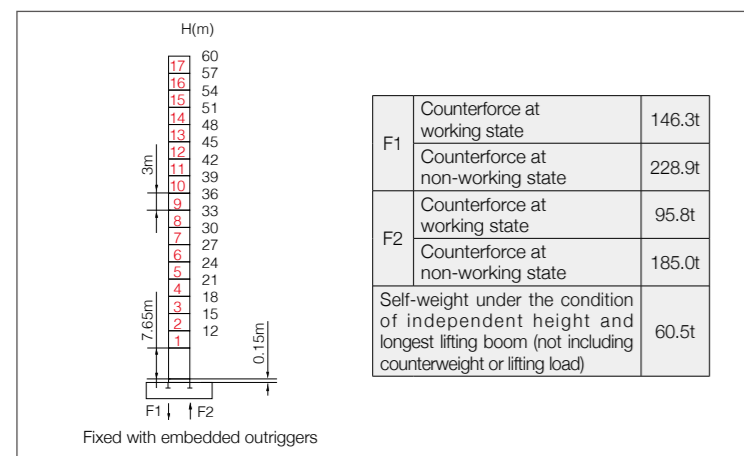
Jib Length & Tip Load



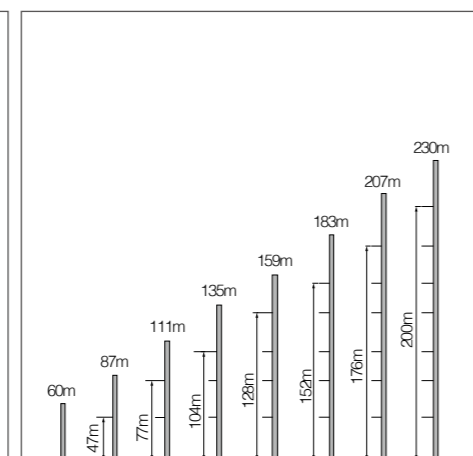
Counter-jib Ballast

Boom length (m)	Balance jib length(m)	Total weight of counterweight (kg)	3200kg counterweight (blocks)	2650kg counterweight (blocks)	1750kg counterweight (blocks)
70	14.6	23050	5	2	1
65	14.6	21300	5	2	0
60	14.6	20400	5	1	1
55	14.6	19850	4	2	1
50	14.6	17200	4	1	1
45	14.6	16000	5	0	0
40	14.6	13450	2	2	1
35	14.6	12800	4	0	0
30	14.6	10250	1	2	1

Masts



Anchorage

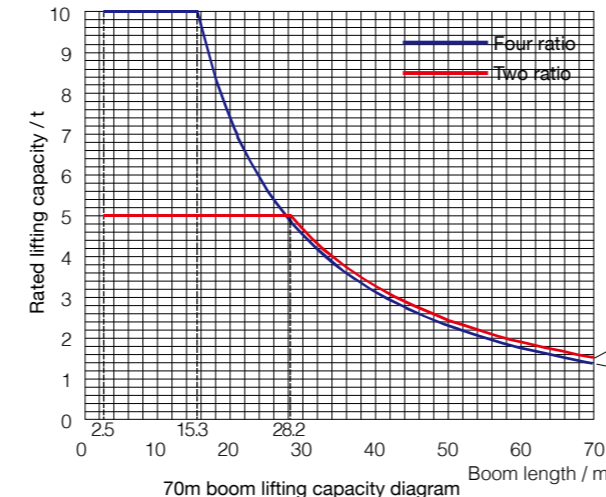


Load diagrams

Range	Max. lifting capacity	18	20	22	25	28	30	32	35	38	40	42
70m	2.5~28.2m/5t			5.00			4.64	4.29	3.84	3.47	3.25	3.06
	2.5~15.3m/10t	8.30	7.33	6.55	5.62	4.90	4.50	4.15	3.70	3.33	3.11	2.91
65m	2.5~30.6m/5t			5.00				4.75	4.26	3.85	3.62	3.40
	2.5~16.6m/10t	9.13	8.08	7.22	6.21	5.42	4.99	4.61	4.12	3.71	3.47	3.26
60m	2.5~31.4m/5t			5.00				4.89	4.39	3.97	3.73	3.51
	2.5~17.0m/10t	9.38	8.30	7.43	6.39	5.58	5.13	4.74	4.25	3.83	3.58	3.37
55m	2.5~33.0m/5t			5.00				4.66	4.22	3.97	3.74	
	2.5~17.9m/10t	9.93	8.79	7.87	6.78	5.93	5.46	5.05	4.52	4.08	3.83	3.59
50m	2.5~33.4m/5t			5.00				4.74	4.29	4.03	3.80	
	2.5~18.1m/10t	10.00	8.92	7.99	6.88	6.02	5.54	5.13	4.59	4.15	3.89	3.65
45m	2.5~34.7m/5t			5.00				4.95	4.49	4.22	3.97	
	2.5~18.8m/10t	10.00	9.30	8.34	7.18	6.29	5.79	5.36	4.81	4.34	4.08	3.83
40m	2.5~34.9m/5t			5.00				4.99	4.52	4.25		
	2.5~18.9m/10t	10.00	9.37	8.40	7.24	6.34	5.84	5.40	4.85	4.38	4.11	
35m	2.5~35.0m/5t			5.00								
	2.5~19.4m/10t	10.00	9.65	8.65	7.46	6.53	6.02	5.57	5.00			
30m	2.5~30.0m/5t			5.00								
	2.5~18.8m/10t	10.00	9.32	8.35	7.19	6.30	5.80					

Range	Max. lifting capacity	45	48	50	52	55	58	60	63	65	68	70
70m	2.5~28.2m/5t	2.80	2.57	2.43	2.30	2.13	1.98	1.89	1.76	1.68	1.57	1.50
	2.5~15.3 m/10t	2.65	2.43	2.29	2.16	1.99	1.84	1.75	1.62	1.54	1.43	1.36
65m	2.5~30.6m/5t	3.12	2.87	2.72	2.58	2.40	2.23	2.13	1.99	1.90		
	2.5~16.6m/10t	2.98	2.73	2.58	2.44	2.25	2.09	1.99	1.84	1.76		
60m	2.5~31.4m/5t	3.22	2.96	2.81	2.67	2.48	2.30	2.20				
	2.5~17.0m/10t	3.07	2.82	2.67	2.53	2.33	2.16	2.06				
55m	2.5~33.0m/5t	3.43	3.16	3.00	2.85	2.65						
	2.5~17.9m/10t	3.29	3.02	2.86	2.71	2.51						
50m	2.5~33.4m/5t	3.48	3.21	3.05								
	2.5~18.1m/10t	3.34	3.07	2.91								
45m	2.5~34.7m/5t	3.65										
	2.5~18.8m/10t	3.51										

Load Capacity Diagram



Mechanisms

	Model	Power	Speed
Slewing	SHJ100A7.5P	2x7.5kW	0~0.8r/min
Trolleying	SXJ55.70P	5.5kW	0~55m/min
Lifting	SQJ05P	55kW	2.5t 0~100m/min
			5t 0~50m/min
			10t 0~25m/min
Power voltage	380V(±10%)	Power frequency	50Hz

Note: If working rope capacity is greater than 540m, please contact the manufacturer.

Packing List

No.	Name	Shape	L(m)	B(m)	H(m)	Weight of single piece (t)	Qty.
1	Boom section I		10.18	1.64	1.50	1.83	1
2	Boom section II		10.17	1.46	1.41	1.23	1
3	Boom section III		5.17	1.46	1.39	0.55	1
4	Boom section IV		5.17	1.46	1.39	0.54	1
5	Boom section V		10.17	1.46	1.36	0.87	1
6	Boom section VI		10.16	1.46	1.36	0.83	1
7	Boom section VII		5.17	1.46	1.39	0.44	1
8	Boom section VIII		5.17	1.46	1.36	0.36	1
9	Boom section IX		10.16	1.46	1.35	0.58	1
10	Boom section X		0.96	1.64	1.56	0.12	1
11	Tower cap		9.79	1.68	2.46	2.93	1
12	Hook		1.06	0.19	1.73	0.30	1
13	Climbing frame		7.66	3.11	2.56	4.16	1
14	Slewing assembly		2.59	2.59	2.74	4.14	1
15	Loading dolly		1.94	1.68	0.76	0.30	1
16	Rear boom section of balance boom		4.78	1.49	0.68	0.80	1
17	Front boom section of balance boom		9.08	1.68	0.70	1.38	1
18	Full set of cab		1.92	1.25	2.25	0.75	1
19	Basic section		2.10	2.11	7.76	4.18	1
20	Standard section		3.53	2.21	0.70	1.45	17