

















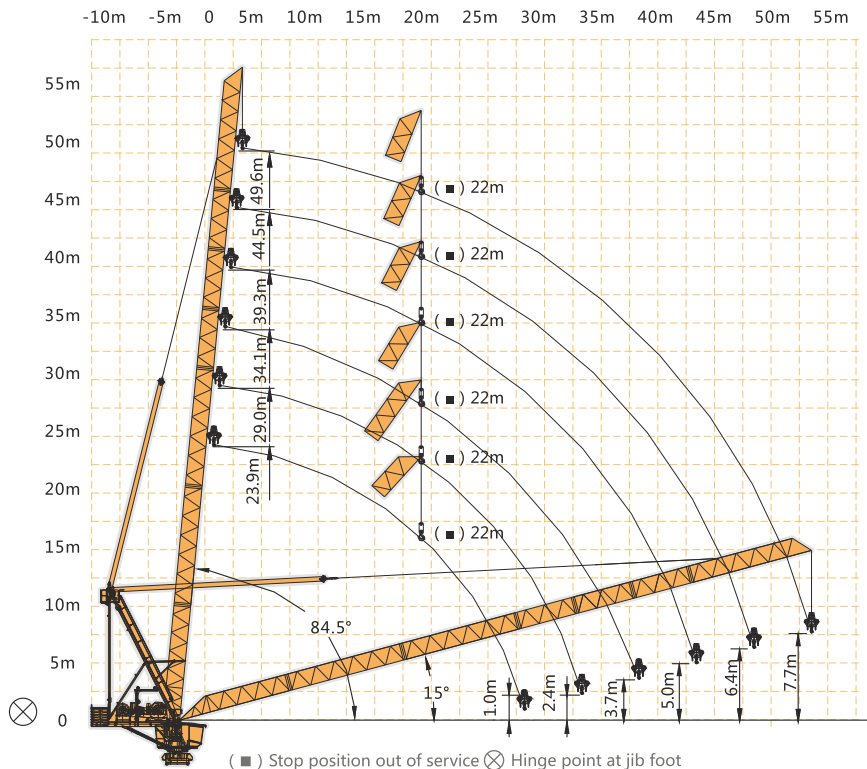


# L160-10D Luffing Jib Tow Crane

## L160-10D

### Load Diagrams









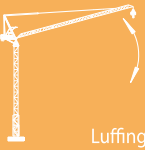

		Max Capacity m/t	23.0	25.0	28.0	30.0	33.0	35.0	38.0	40.0	43.0	45.0	48.0	50.0	53.0	55.0
55m (R=55.1)		5.8~29.6/7.50	7.50			7.17	6.32	5.62	4.85	4.34	3.85	3.52	2.99	2.73	2.37	2.17
		5.8~37.6/5.00	5.00						4.90	4.43	3.90	3.57	3.04	2.77	2.41	2.20
50m (R=50.1)		5.3~23.8/10.00	10.00	9.30	7.62	7.84	6.98	5.48	4.85	4.34	3.83	3.50	3.03	2.76		
		5.3~29.2/7.50	7.50			7.20	6.27	5.69	5.07	4.55	4.04	3.71	3.23	2.97		
		5.3~38.1/5.00	5.00						4.59	4.08	3.76	3.27	3.00			
45m (R=45.1)		4.8~24.0/10.00	10.00	9.10	7.89	7.16	6.18	5.57	4.85	4.48	3.93	3.59				
		4.8~29.6/7.50	7.50			7.38	6.39	5.78	5.07	4.69	4.15	3.80				
		4.8~38.9/5.00	5.00						4.74	4.18	3.84					
40m (R=40.1)		4.3~24.2/10.00	10.00	9.46	7.95	7.35	6.29	5.73	5.02	4.63						
		4.3~30.0/7.50	7.50			6.50	5.94	5.23	4.84							
		4.3~39.3/5.00	5.00						4.87							
35m (R=35.1)		3.8~24.4/10.00	10.00	9.44	8.27	7.40	6.51	5.93								
		3.8~30.6/7.50	7.50			6.72	6.14									
		3.8~35.0/5.00	5.00													
30m (R=30.1)		3.3~24.6/10.00	10.00	9.76	8.36	7.60										
		3.3~30.0/7.50	7.50													
		3.3~30.0/5.00	5.00													



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## L160-10D Mechanisms

 Hoisting	Configuration											kW	
			III	IV	V	III	IV	V	III	IV	V		
 Hoisting	<b>QPL10110</b>	m/min	0~45	0~90	0~112.5	0~30	0~60	0~75	0~22.5	0~45	0~56.3	45	1010m $\Phi$ (7 layers)
		t	5	2.5	1.25	7.5	3.75	1.875	10	5	2.5		
 Slewing	<b>ZRCV95F1.130</b> <b>ZRCV95F2.130</b>	r/min	0~0.7									2×95 N.m	 Consult us if overtop
 Luffing	<b>BP300</b>	m/min	2.2min (15°~84.5°)									30	
	<b>380V(±10%)50Hz</b>	45+2×5.5+30(kW)											

## L160-10D

### Packing List


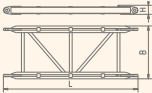
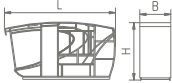


NO	Description	Sketch	L(m)	B(m)	H(m)	Weight Per piece(t)	Qty
1	Jib I		10.15	1.49	1.57	1.36	1
2	Jib II、III		10.40	1.49	1.55	1.03	2
3	Jib IV、V		5.28	1.49	1.55	0.48	3
4	Jib VI		10.96	1.49	1.55	1.21	1
5	Pulley Assembly		1.14	0.61	0.56	0.12	1
6	A-frame I		1.74	0.76	2.10	0.66	1

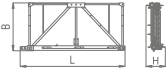
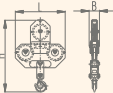
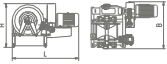
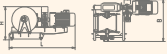
NO	Description	Sketch	L(m)	B(m)	H(m)	Weight Per piece(t)	Qty
7	A-frameII		11.31	1.63	0.50	1.56	1
8	Buffer		3.34	1.65	0.32	0.39	1
9	Inclined Strut		5.41	0.16	0.23	0.22	2
10	Rear Strut		10.62	0.14	0.35	0.37	2
11	Slewing Assembly		2.67	2.67	2.61	6.53	1
12	Slewing Mast		1.74	1.62	1.81	1.09	1

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### Packing List

NO	Description	Sketch	L(m)	B(m)	H(m)	Weight Per piece(t)	Qty
13	Counter-jib		7.82	1.71	0.80	3.56	1
14	Front Strut		3.87	1.59	0.27	0.60	1
15	Cabin		4.49	1.25	2.20	2.00	1
16	Climbing Frame		7.23	2.54	2.54	3.02	1
17	Base Tower Section		2.08	2.00	7.76	4.12	1

NO	Description	Sketch	L(m)	B(m)	H(m)	Weight Per piece(t)	Qty
18	Tower Section		3.26	1.99	0.60	1.17	11
19	Hook		1.25	0.23	1.74	0.41	1
20	Luffing Mechanism		2.42	1.68	1.56	3.08	1
21	Hoisting Mechanism		3.16	1.97	1.58	3.41	1



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