

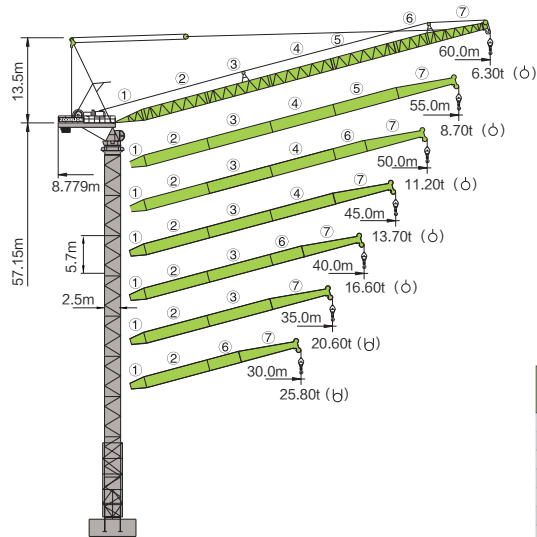
L500A-32U/50U

动臂塔式起重机
Luffing Jib Tower Crane

ZOOMLION

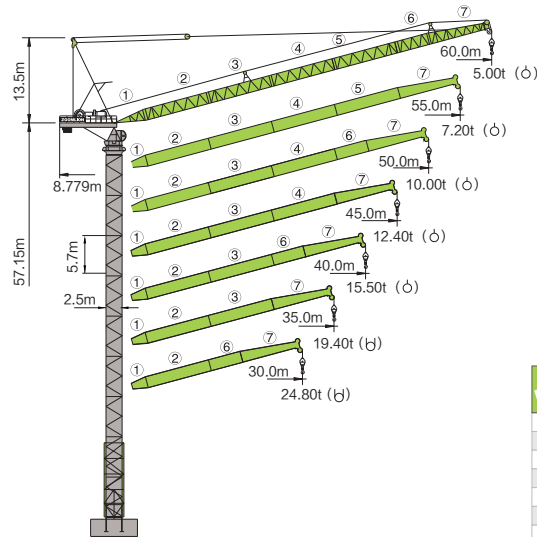
TOWER CRANES Product Range 2021

L500A-32U



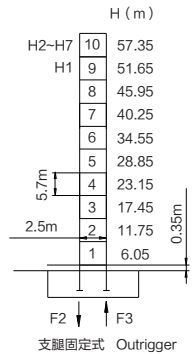
			H	(kg)	PHZ10000	PHZ3500
60m	8.779m	H1	50000	5	0	
55m	8.779m	H2	50000	5	0	
50m	8.779m	H3	50000	5	0	
45m	8.779m	H4	47000	4	2	
40m	8.779m	H5	47000	4	2	
35m	8.779m	H6	47000	4	2	
30m	8.779m	H7	47000	4	2	

L500A-50U

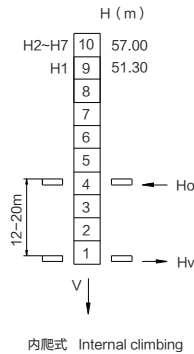


			H	(kg)	PHZ10000	PHZ3500
60m	8.779m	H1	47000	4	2	
55m	8.779m	H2	47000	4	2	
50m	8.779m	H3	47000	4	2	
45m	8.779m	H4	43500	4	1	
40m	8.779m	H5	43500	4	1	
35m	8.779m	H6	43500	4	2	
30m	8.779m	H7	43500	4	1	

塔身 Masts / 反力 Reactions / L500A-32U



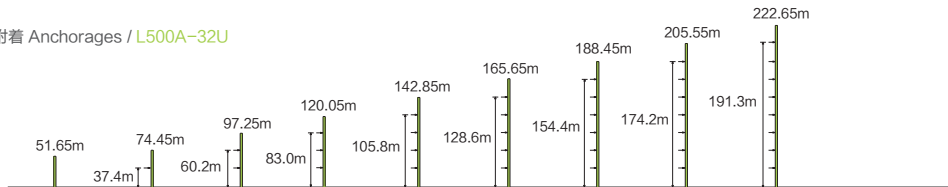
Outrigger	
F2	● 418t
	■ 451t
F3	● 309t
	■ 358t
⊗	156t



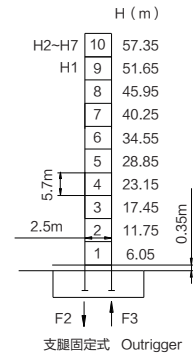
Internal climbing	
Ho	● 46-96t
	■ 38-89t
Hv	● 50-75t
	■ 18-62t
V	278t

- 工作状态反力 Reactions in service
 - 非工作状态反力 Reactions out of service
 - ⊗ 独立高度、最大起重臂的自重 (不含平衡重、吊重和外爬升系统)
Weight with max free-standing height, max jib (without counter-weight, load and external climbing system)
- 请联系我们 Please consult us

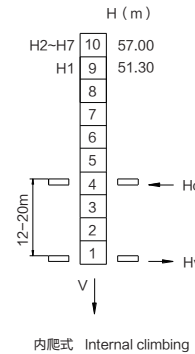
附着 Anchorages / L500A-32U



塔身 Masts / 反力 Reactions / L500A-50U



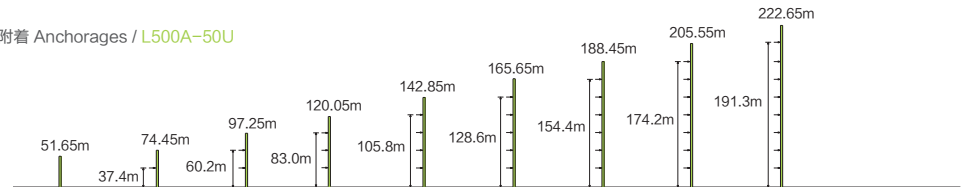
Outrigger	
F2	● 426t
	■ 459t
F3	● 306t
	■ 366t
⊗	156t



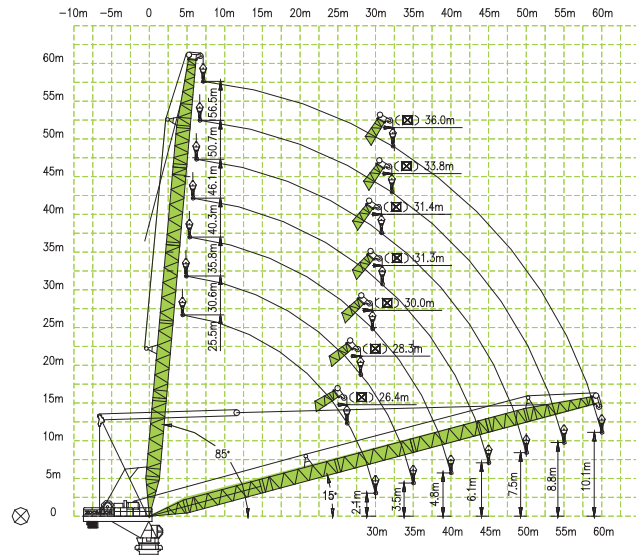
Internal climbing	
Ho	● 48-96t
	■ 40-90t
Hv	● 47-75t
	■ 20-64t
V	287t

- 工作状态反力 Reactions in service
 - 非工作状态反力 Reactions out of service
 - ⊗ 独立高度、最大起重臂的自重 (不含平衡重、吊重和外爬升系统)
Weight with max free-standing height, max jib (without counter-weight, load and external climbing system)
- 请联系我们 Please consult us

附着 Anchorages / L500A-50U



起重臂 Luffing jib


















■ 非工作状态最小幅度 Minimum radius out of service
⊗ 臂根铰点 Hinge point at jib foot






起重特性 Load diagram / L500A-32U

		Max Capacity m/t	20	25	30	35	40	45	50	55	60
60	⊙	7.4-39.3/16.00	16.00				15.59	12.56	10.10	8.04	6.30
	⊗	7.0-24.1/32.00	32.00	30.89	23.9	18.68	14.82	11.82	9.37	7.40	5.93
55	⊙	7.0-40.3/16.00	16.00				13.29	10.80	8.70		
	⊗	6.6-24.8/32.00	32.00	31.53	24.67	19.41	15.57	12.52	10.08	8.31	
50	⊙	6.5-41.1/16.00	16.00				13.76	11.20			
	⊗	6.1-25.0/32.00	32.00		25.13	19.93	16.05	12.99	10.82		
45	⊙	6.1-41.1/16.00	16.00				13.70				
	⊗	5.7-25.0/32.00	32.00		24.97	19.87	16.02	13.32			
40	⊙	5.6-40.0/16.00	16.00								
	⊗	5.7-24.9/32.00	32.00	31.95	25.07	20.03	16.60				
35	⊙	5.2-35.0/16.00	16.00								
	⊗	4.8-25.0/32.00	32.00		25.14	20.60					
30	⊙	5.2-30.0/16.00	16.00								
	⊗	4.8-25.0/32.00	32.00		25.80						






■ 起重特性 Load diagram / L500A-50U

	Max Capacity m/t	Radius (m)										
		15	20	25	30	35	40	45	50	55	60	
60		7.4~28.0/25.00		25.00		22.65	17.66	13.90	10.97	8.61	6.66	5.00
		7.0~16.1/50.00	50.00	38.86	28.49	21.55	16.66	12.98	10.08	7.76	5.91	4.51
55		7.0~28.4/25.00		25.00		23.22	18.24	14.48	11.55	9.18	7.20	
		6.6~16.3/50.00	50.00	39.36	29.01	22.10	17.23	13.53	11.64	8.36	6.70	
50		6.5~29.3/25.00		25.00		24.35	19.31	15.48	12.46	10.00		
		6.1~17.0/50.00	50.00	40.77	30.29	23.30	18.28	14.52	11.60	9.51		
45		6.1~29.1/25.00		25.00		24.21	19.21	15.43	12.40			
		5.7~16.6/50.00	50.00	40.35	29.97	23.13	18.21	14.49	11.92			
40		5.6~29.2/25.00		25.00		24.29	19.33	15.50				
		5.7~16.5/50.00	50.00	40.07	29.87	23.14	18.26	14.99				
35		5.2~29.4/25.00		25.00		24.46	19.40					
		4.8~16.5/50.00	50.00	40.09	30.00	23.24	18.90					
30		5.2~29.9/25.00		25.00		24.80						
		4.8~16.5/50.00	50.00	40.27	30.34	24.31						




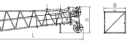

■ 传动机构 Mechanisms / L500A-32U

配置 Configuration			III			IV			kW	
			III	IV	V	III	IV	V		
	H132FL160-575	m/min	42	84	105	32	42	53	132	575m ①(6 layers)
		t	16	8	4	32	16	8		
	HPW75F1.130B HPW75F2.130B	r/min	0~0.78						3×7.5	①超出咨询我们 Consult us if overtop
	L90FL120	min	3.0 (15° ~85°)						90	
	380V(±10%) 50Hz	244.5 kW								

■ 传动机构 Mechanisms / L500A-50U

配置 Configuration			⊙			∪			kW	
			III	IV	V	III	IV	V		
 起升 Hoisting	H200FL250-600D	m/min	40	80	100	20	40	50	200	600m ①(6 layers)
		t	25	12.5	6	50	25	12		
 回转 Slewing	HPW75F1.130B HPW75F2.130B	r/min	0-0.78						3×7.5	①超出咨询我们
 变幅 Trolleying	L90FL120	min	3.0 (15° ~85°)						90	
	380V(±10%) 50Hz	312.5 kW								

■ 运输单元 Packing list / L500A-32U / L500A-50U

序号 No.	名称 Description	形状 Sketch	长 L(m)	宽 B(m)	高 H(m)	单件重量 Weight per Piece(t)	数量 Qty	序号 No.	名称 Description	形状 Sketch	长 L(m)	宽 B(m)	高 H(m)	单件重量 Weight per Piece(t)	数量 Qty
1	Jib I 臂节 I		5.45	2.30	2.24	2.05	1	6	Jib VI 臂节 VI		5.31	2.25	2.21	1.17	1
2	Jib II 臂节 II		10.49	2.30	2.45	2.65	1	7	Jib VII 臂节 VII		10.80	2.25	2.60	3.79	1
3	Jib III 臂节 III		10.49	2.25	2.45	2.71	1	8	前上撑杆 (A字架) Frontal-up strut(A-frame)		10.46	1.15	2.48	4.08	1
4	Jib IV 臂节 IV		10.49	2.25	2.45	2.19	1	9	前下撑杆 (A字架) Frontal-down strut(A-frame)		4.40	0.50	0.40	0.47	2
5	Jib V 臂节 V		10.49	2.25	2.21	2.18	1	10	缓冲器 (A字架) Buffer (A-frame)		2.96	2.48	0.48	0.80	1

■ 运输单元 Packing list / L500A-32U / L500A-50U

序号 No.	名称 Description	形状 Sketch	长 L(m)	宽 B(m)	高 H(m)	单件重量 Weight per Piece(t)	数量 Qty	序号 No.	名称 Description	形状 Sketch	长 L(m)	宽 B(m)	高 H(m)	单件重量 Weight per Piece(t)	数量 Qty
11	后撑杆 (A字架) Back strut (A-frame)		11.90	0.50	0.40	0.82	2	16	平衡臂结构 Counter jib structure		9.22	1.57	2.35	7.34	1
12	回转塔身 Slewing mast		2.08	2.28	2.60	2.46	1	17	平衡臂下撑杆 Lower strut of counter jib		4.10	2.40	0.40	1.30	1
13	吊钩(32t) Lifting hook(50t)		1.15	0.43	2.29	0.78	1	18	平衡重 Counter weight		4.60	0.31	3.10	10.00	4
	吊钩(50t) Lifting hook(50t)		1.15	0.43	2.42	1.19	1				2.60	0.20	3.20	3.50	2
14	滑轮架 Shelf for Polley Assembly		1.69	1.10	0.79	0.68	1	19	左片(爬升架) Left Piece (Climbing frame)		11.59	0.56	3.33	3.90	2
15	回转总成 Slewing assembly		2.34	2.67	2.69	16.00	1								

■ 运输单元 Packing list / L500A-32U / L500A-50U

序号 No.	名称 Description	形状 Sketch	长 L(m)	宽 B(m)	高 H(m)	单件重量 Weight per Piece(t)	数量 Qty	序号 No.	名称 Description	形状 Sketch	长 L(m)	宽 B(m)	高 H(m)	单件重量 Weight per Piece(t)	数量 Qty
20	前片 (爬升架) Front Piece (Climbing frame)		4.27	0.28	3.35	1.34	1	24	变幅机构 Trolley mechanism		3.72	2.07	1.75	6.83	1
21	顶升横梁 Climbing beam		2.45	0.3	3.06	0.68	1	25	起升机构 (32t) Hoisting mechanism(50t)		4.39	2.46	2.03	10.09	1
			4.78	2.75	2.17	14.31	1								
22	斜腹杆 (标准节) Incline Diagonal (Tower Section)		2.32	0.13	0.13	0.07	144	26	司机室 Cabin		2.10	1.55	2.24	0.60	1
23	主弦 (标准节) Main Chord (Tower Section)		6.22	0.46	0.40	1.10	36	27	变幅拉杆 Luffing Suspension		5.22	0.15	0.22	0.13	16