

文件编号 File No: L500A-36-136ZY-A

**L500A-36 动臂塔式起重机**

**L500A-36 Luffing Tower Crane**

**产品样本**

**Stylebook**

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**Stylebook**

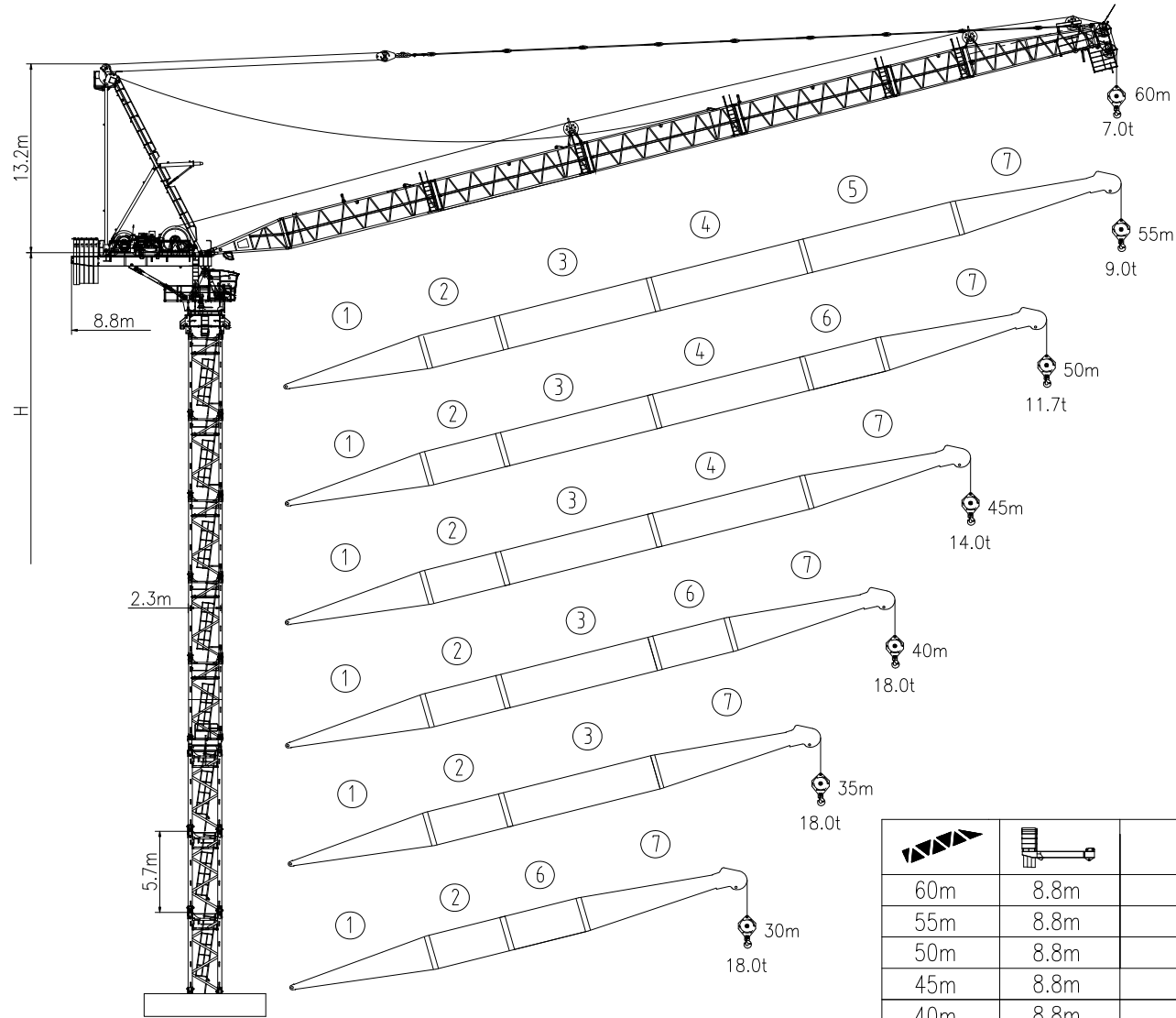
编制 Editor: Hanshuang Liu




校对 Proofreader: Jun Feng

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日期 Date: 2022-10



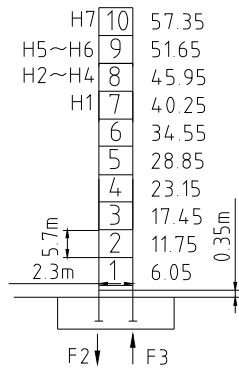


		H	 (kg)	PHZ10400	PHZ6400	PHZ3400
60m	8.8m	H1	52000	5	0	0
55m	8.8m	H2	52000	5	0	0
50m	8.8m	H3	52000	5	0	0
45m	8.8m	H4	48000	4	1	0
40m	8.8m	H5	48000	4	1	0
35m	8.8m	H6	45000	4	0	1
30m	8.8m	H7	45000	4	0	1

L500A-36

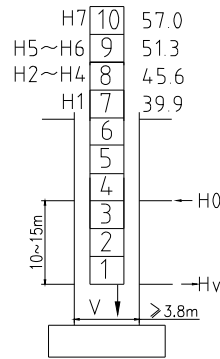
塔身 Masts L500A

反力 Reactions H(m)



支腿固定式 Outrigger

Outrigger	
F2	● 442t
	■ 404t
F3	● 327t
	■ 307t
	⊕ 130t



内爬式 Internal climbing

- 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)

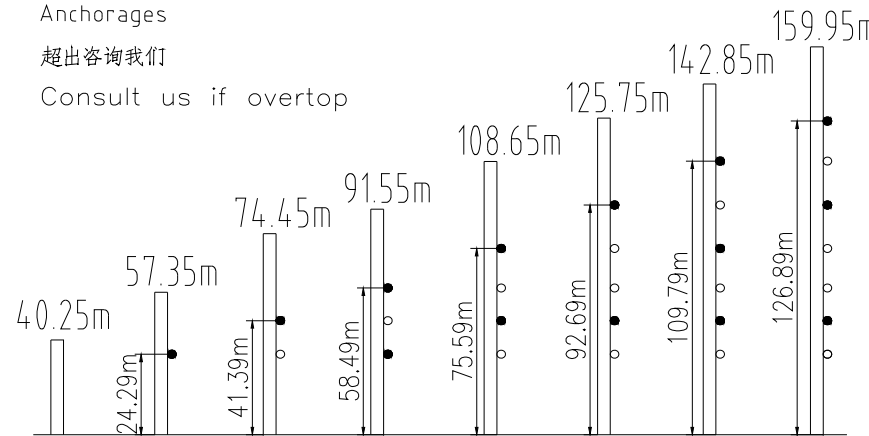
\* 请联系我们 Please consult us

附着(R塔身高度 60m臂长)

Anchorage

超出咨询我们

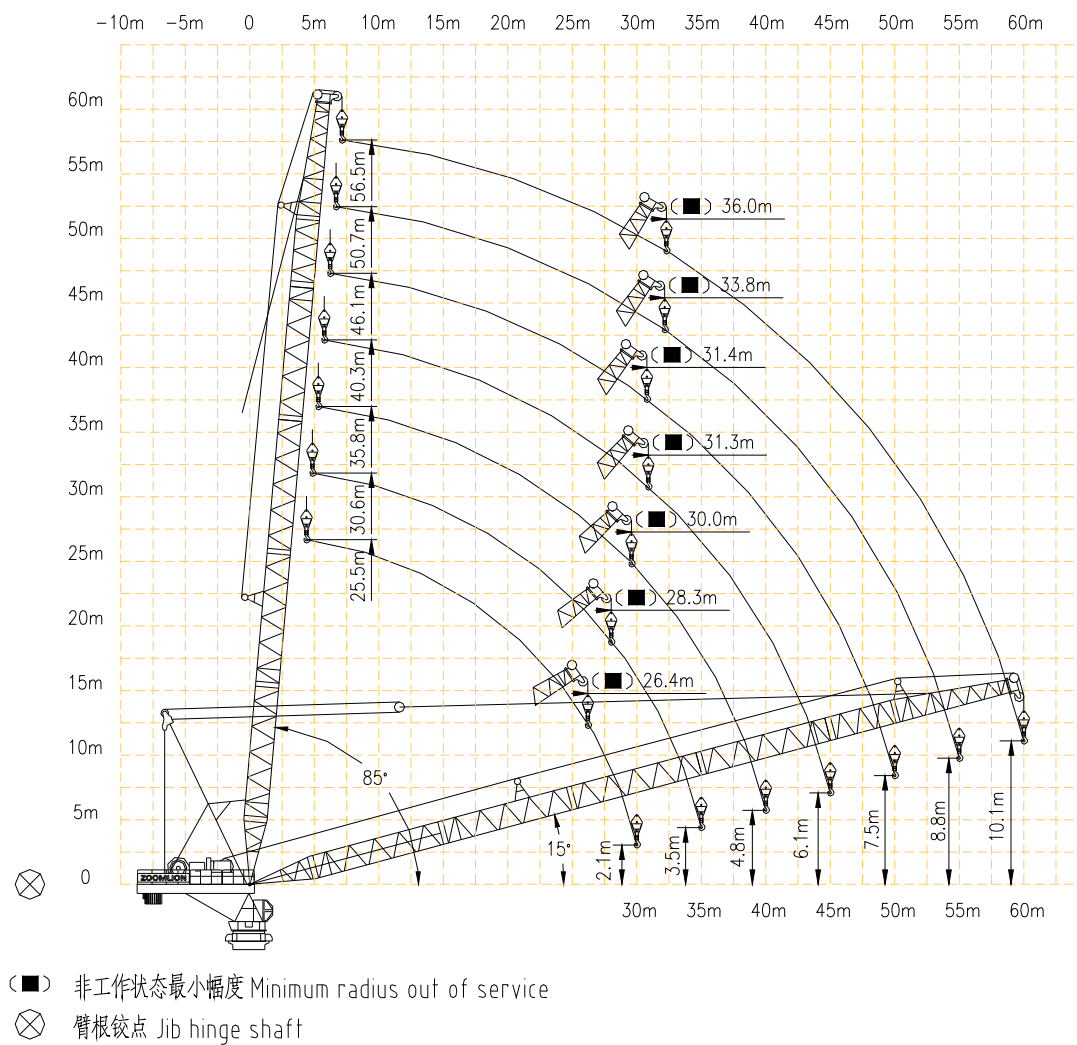
Consult us if overtop



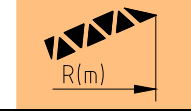














注: 当安装第 2 道及以上附着时, 可采取松紧附着的方式, 保证附着间距不低于 22.8m。

Notes: when installing the second and above adhesion, the method of elastic attachment can be adopted, ensure that the adhesion distance is not less than 22.8m.

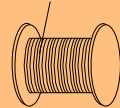
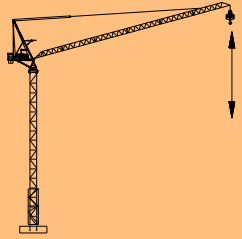
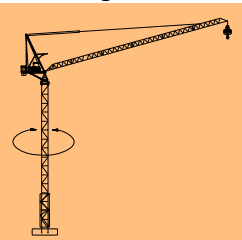
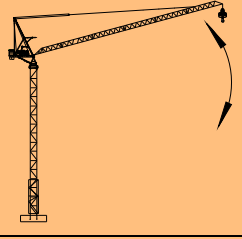

# 起重臂 Luffing jib



### 起重特性 (L500A-36) Load diagrams (L500A-36)

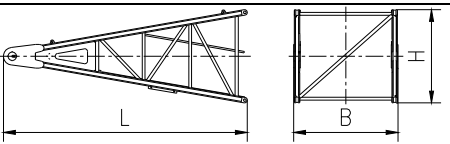
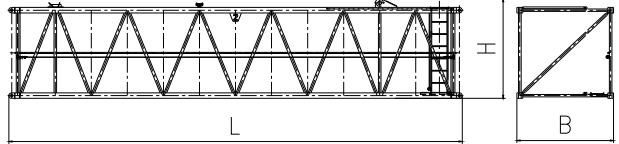
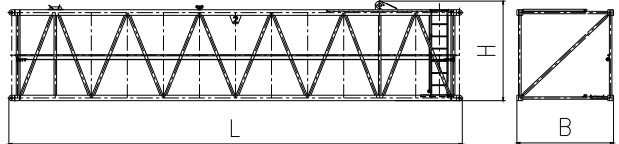
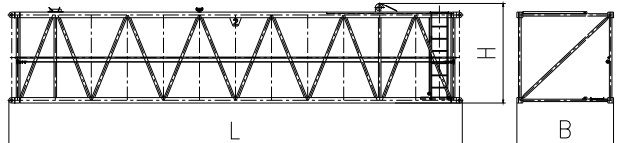
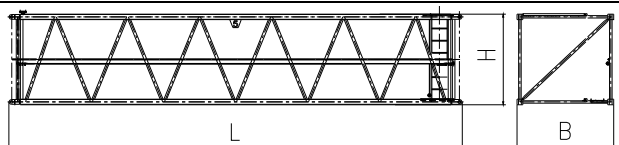
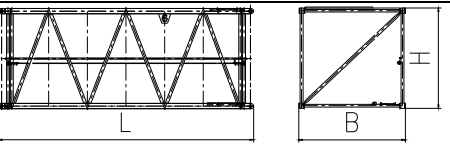
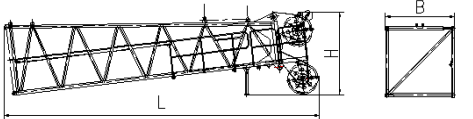
	Fall	Max Capacity m/t	20	25	30	35	40	45	50	55	60
60		7.7~37.9/18.00	18.00	18.00	18.00	18.00	16.72	13.51	10.90	8.79	7.00
		7.2~23.1/36.00	36.00	32.64	24.94	19.73	15.73	12.66	10.17	8.09	6.60
55		7.2~38.2/18.00	18.00	18.00	18.00	18.00	16.83	13.61	11.10	9.00	
		6.7~23.0/36.00	36.00	32.84	25.32	19.91	15.95	12.87	10.38	8.61	
50		6.8~39.1/18.00	18.00	18.00	18.00	18.00	17.53	14.37	11.70		
		6.3~23.4/36.00	36.00	33.43	25.81	20.80	16.75	13.60	11.32		
45		6.3~38.7/18.00	18.00	18.00	18.00	18.00	17.10	14.00			
		5.8~22.9/36.00	36.00	32.64	25.40	20.28	16.31	13.62			
40		5.9~40.0/18.00	18.00	18.00	18.00	18.00	18.00				
		5.4~23.7/36.00	36.00	33.76	26.50	21.12	17.63				
35		5.4~35.0/18.00	18.00	18.00	18.00	18.00					
		4.9~23.2/36.00	36.00	32.91	25.63	21.00					
30		5.0~30.0/18.00	18.00	18.00	18.00						
		4.5~22.9/36.00	36.00	32.11	26.00						

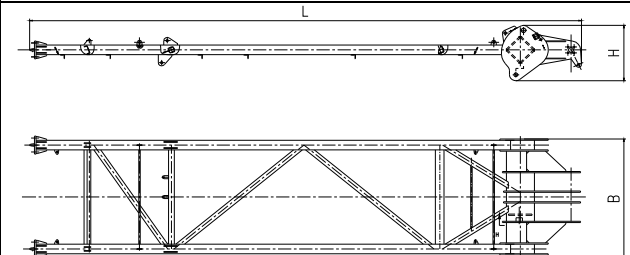
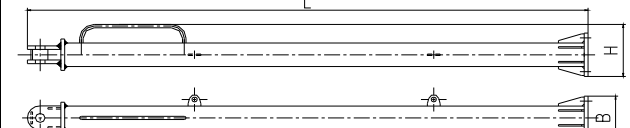
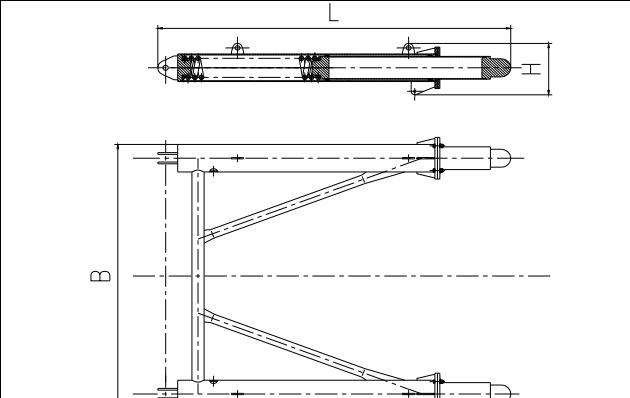

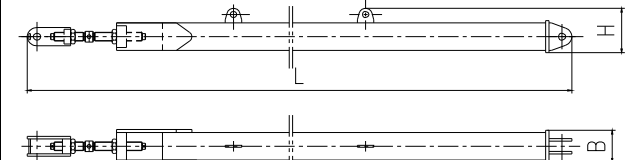
### 传动机构配置 (L500A-36) Mechanisms arrangement (L500A-36)

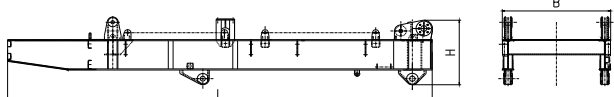
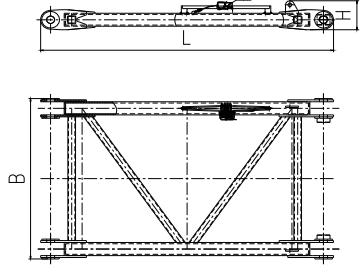
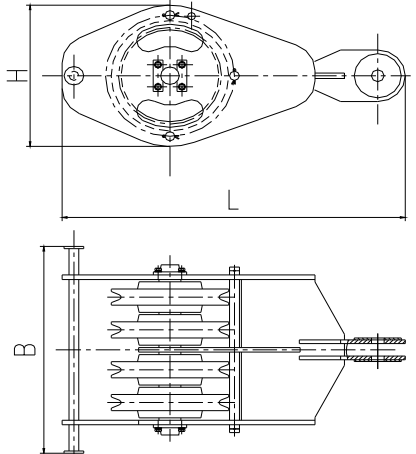
	配置 Configuration	III			IV			kW		
		m/min	t	r/min	min	III	IV			V
A		H132FL180-575D (415V/50Hz)	38	76	95	19	38	47.5	132	575mφ (6 layers)
			18	9	4.5	36	18	9		
	回转 Slewing		S75CA-130.195LB14/13A S75CN-130.195LB14/13A	0~0.76			4×7.5			φ超出咨询我们 Consult us if overtop
			L90FL120-b (415V/50Hz)	2.9 (15°~85°)			90			
		415V(±10%)50Hz	252 (kW)							

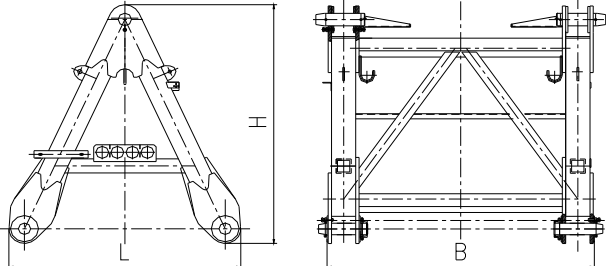
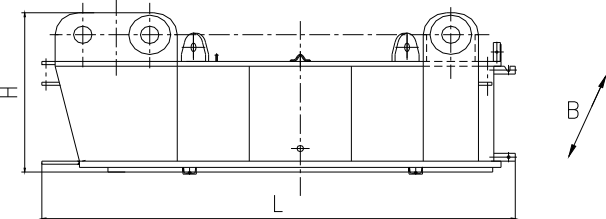
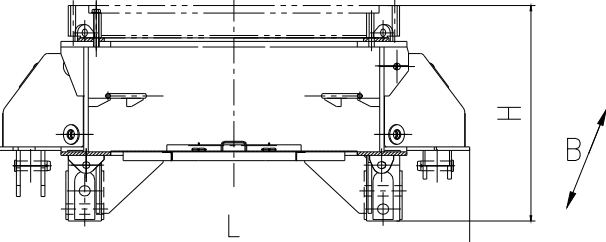


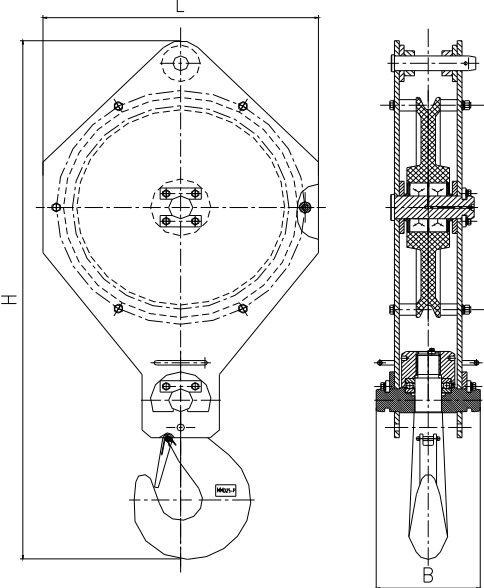
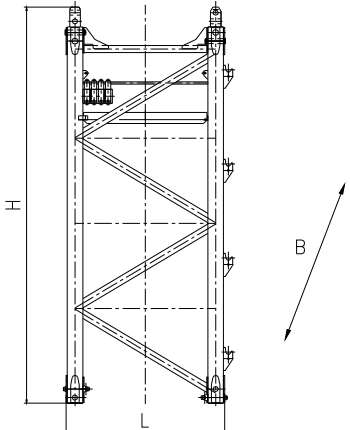
➤ 运输单元 Packing list

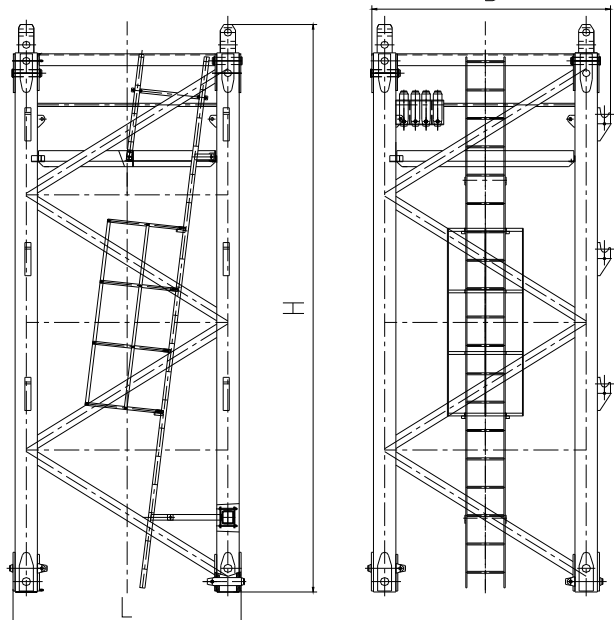
No.	Part	Profile	L(m)	B(m)	H(m)	Weight/Piece(t)	Number
1	臂节I Jib I		5.45	2.30	2.24	1.90	1
2	臂节II Jib II		10.49	2.30	2.45	2.54	1
3	臂节III Jib III		10.49	2.30	2.45	2.61	1
4	臂节IV Jib IV		10.49	2.30	2.45	2.17	1
5	臂节V Jib V		10.49	2.30	2.22	2.11	1
6	臂节VI Jib VI		5.31	2.22	2.22	1.22	1
7	臂节VII Jib VII		10.80	2.25	2.60	3.58	1

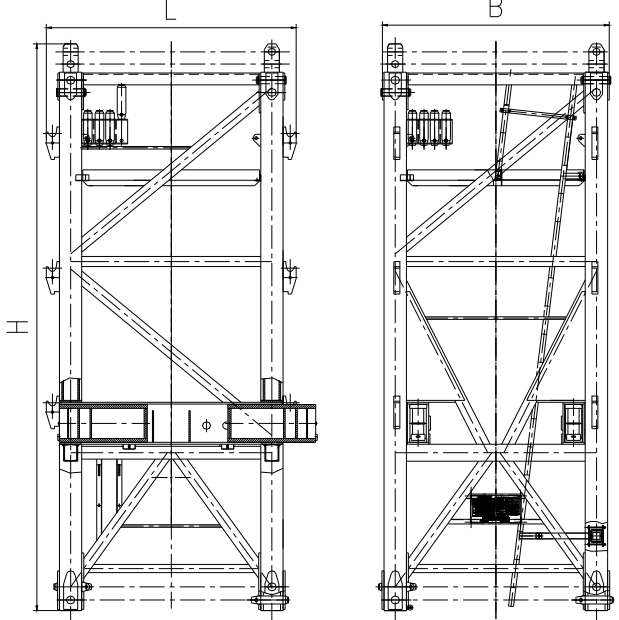
No.	Part	Profile	L(m)	B(m)	H(m)	Weight/Piece(t)	Number
8	前上撑杆 Frontal-up strut		10.46	2.42	1.12	4.07	1
9	前下撑杆 Frontal-down strut		4.36	0.36	0.43	0.47	2
10	缓冲器(A字架) Buffer(A-frame)		2.95	2.35	0.50	0.8	1
11	后撑杆(A字架) Back strut (A-frame)		11.9	0.25	0.42	0.82	1
12	斜撑杆(A字架) Diagonal rod		6.23	0.21	0.29	0.4	1

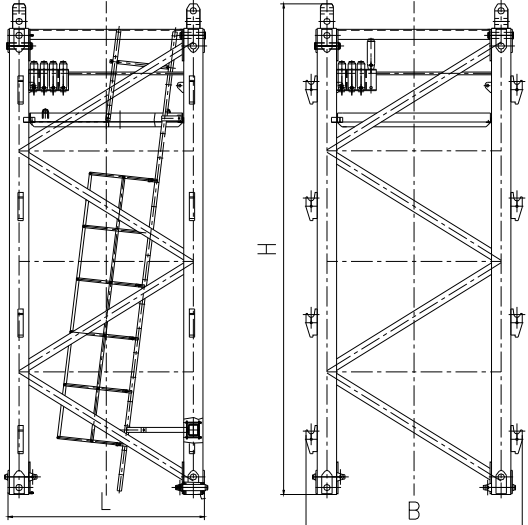
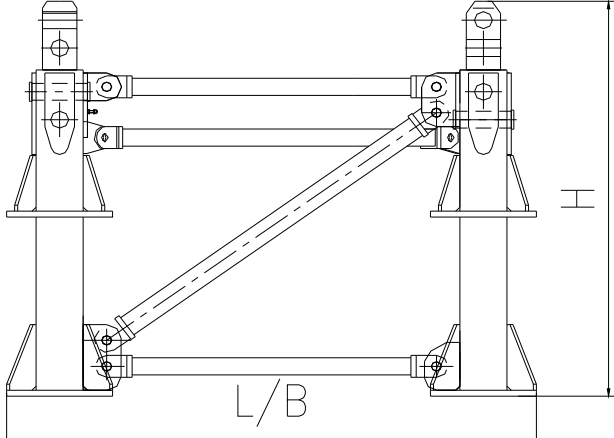
No.	Part	Profile	L(m)	B(m)	H(m)	Weight/Piece(t)	Number
13	平衡臂结构 Counter jib structure		9.21	2.35	1.49	7.33	1
14	平衡臂下撑杆 Lower strut of counter jib		4.1	2.40	0.43	1.32	1
15	滑轮组 (变幅拉杆) Pulley assembly(Luffing jib tie bar)		1.75	1.13	0.77	0.70	1

No.	Part	Profile	L(m)	B(m)	H(m)	Weight/Piece(t)	Number
16	回转塔身 Slewing mast		2.08	2.40	2.30	2.50	1
17	上支座结构 Upper support structure		2.83	2.32	1.02	4.7	1
18	下支座结构及回转支撑 Slewing support structure with slewing ring		3.16	3.16	1.54	6.7	1

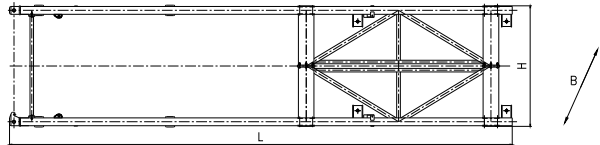
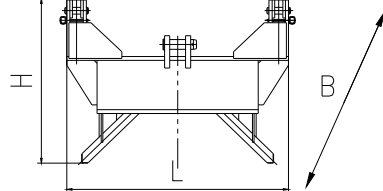
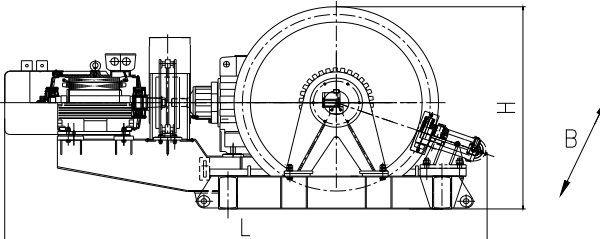
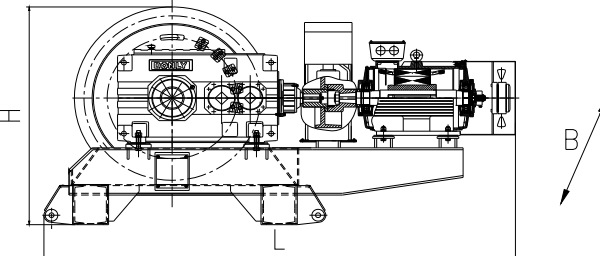
No.	Part	Profile	L(m)	B(m)	H(m)	Weight/Piece(t)	Number
19	吊钩 Hook		1.14	0.43	2.28	0.78	1
20	标准节 Tower Section		2.25	2.25	6.0	6.11	n

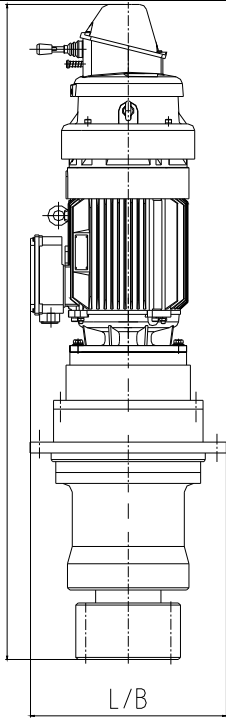
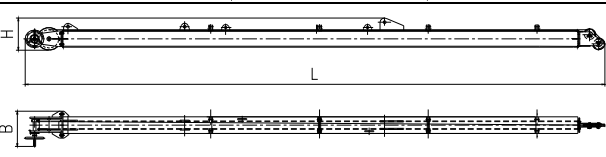
No.	Part	Profile	L(m)	B(m)	H(m)	Weight/Piece(t)	Number
21	基础节 Base tower Section		2.26	2.37	6.0	5.97	1

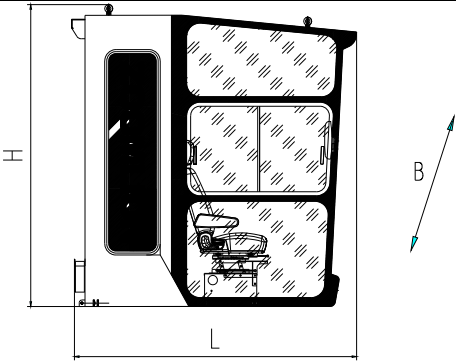
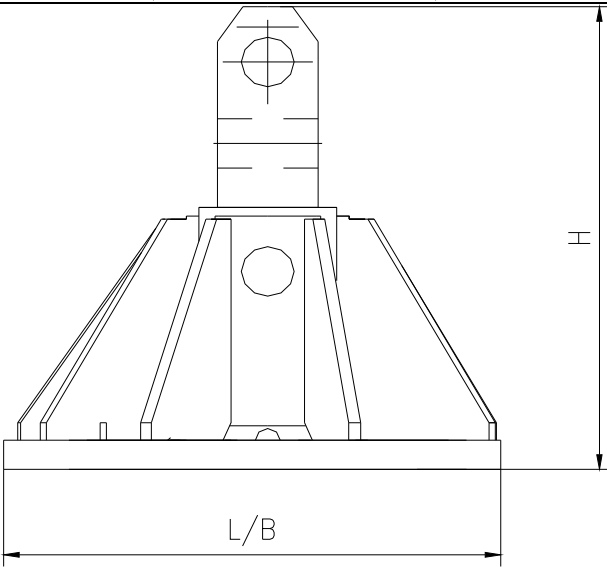
No.	Part	Profile	L(m)	B(m)	H(m)	Weight/Piece(t)	Number
22	内爬基节 Internal base tower Section		2.48	2.25	6.0	9.60	1

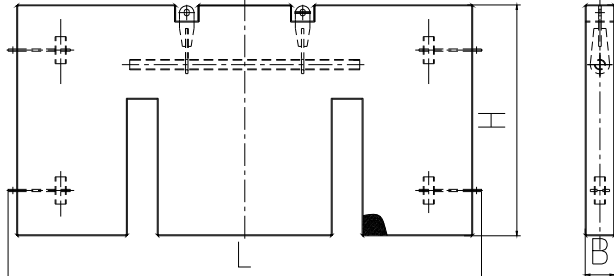
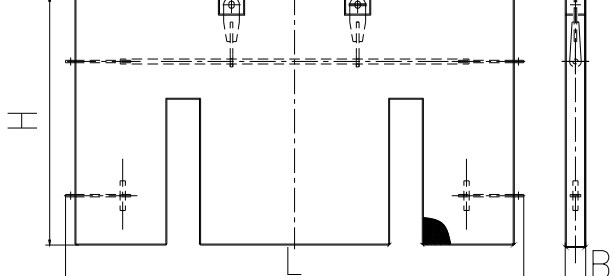
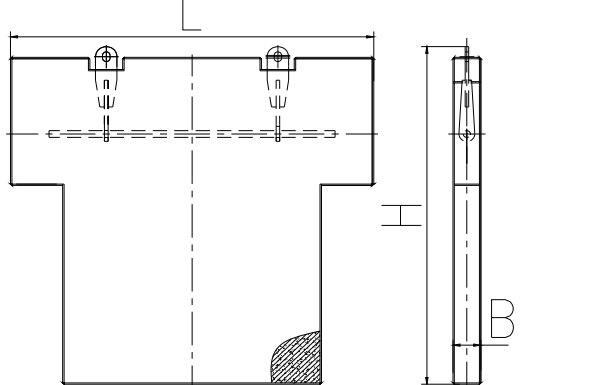
No.	Part	Profile	L(m)	B(m)	H(m)	Weight/Piece(t)	Number
23	内爬标准节 Internal tower Section		2.25	2.48	6.0	6.18	1
24	预埋支腿 Embedded anchor		2.5	2.5	2.0	2.86	1



No.	Part	Profile	L(m)	B(m)	H(m)	Weight/Piece(t)	Number
25	爬升架结构 Climbing Frame structure		3.0	3.3	11.6	11.5	1
26	顶升机构 Climbing mechanism		2.16	0.25	1.71	0.85	1
27	起升机构 (含 400m 钢丝绳) Hoisting mechanism (including 400m rope)		4.42	2.45	1.97	12.89	1
28	变幅机构 (含 230m 钢丝绳) Luffing mechanism (including 260m rope)		3.72	2.10	1.84	7.44	1

No.	Part	Profile	L(m)	B(m)	H(m)	Weight/Piece(t)	Number
29	回转机构 Slewing mechanism		0.42	0.42	1.51	0.35	4
30	引进横梁 Introduced beam		9.84	0.64	0.58	1.17	1

No.	Part	Profile	L(m)	B(m)	H(m)	Weight/Piece(t)	Number
31	司机室 Cabin		2.1	1.7	2.3	0.5	1
32	矮支腿 Short anchor		0.8	0.8	0.8	0.51	4

No.	Part	Profile	L(m)	B(m)	H(m)	Weight/Piece(t)	Number
33	平衡重 Counter weight(10.4t)		4.9	0.305	2.55	10.4	5
34	平衡重 Counter weight(6.4t)		4.36	0.195	2.52	6.4	1
35	平衡重 Counter weight(3.4t)		2.54	0.195	2.51	3.4	1