

LDA型1~20吨电动单梁起重机

LDA Type 1~20t Electric Single Beam Crane



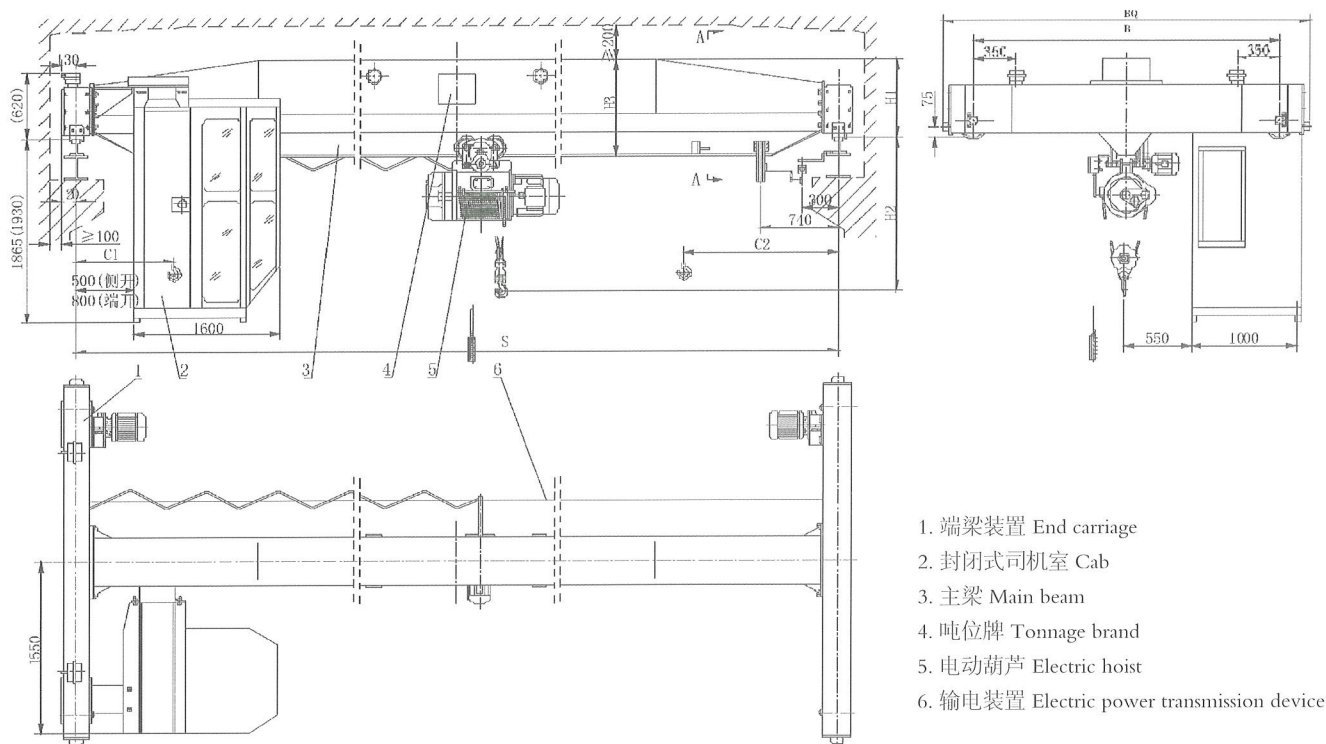
简介 A Brief Introduction

本产品广泛用于工厂、仓库、料场等不同场合吊运货物，禁止在易燃、易爆腐蚀性介质环境中使用。

本产品设有地面和操纵室两种操作形式。操纵室有开式、闭式两种，可根据实际情况分为左或右面安装两种形式，入门方向有侧面及端面两种，以满足用户在各种不同需要的情况下进行选择。

This product is widely used in plants warehouses, material stocks to lift goods. It is prohibited to use the equipment in the combustible, explosive or corrosives environment.

This product has two operational methods. ground or operational room which has open model and closed model and can be installed on left or right side according to the practical situation. And the direction of entering the gate has two forms, sideway and ends in order to satisfy the users' Choice users' different conditions.



1. 端梁装置 End carriage
2. 封闭式司机室 Cab
3. 主梁 Main beam
4. 吨位牌 Tonnage brand
5. 电动葫芦 Electric hoist
6. 输电装置 Electric power transmission device

外形结构图（安装有司机室） Exterior structure diagram(with operation room)

本样本所提供重量为设计值，制造值为 $\pm 5\sim 15\%$ 。

The weight of this sample is design value and actual weight varies $\pm 5\sim 15\%$.

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1~5t 技术参数 Technological parameter

起重机运行机构 crane travelling mechanism	运行速度 (m/min) Working speed		(地) 20 Ground	(空) 30 Ground
	速比 speed ratio		58.78	39.38
	电动机 motor	型号 type	YED80 ₂ –4	ZDR100L–4
		功率 (Kw) power	2 × 0.8 / 4 × 0.8	2 × 1.5
		转速 (n / min) rotational speed	1380	
起升机构 (电动葫芦) 及电动葫芦运行机构 Lifting Machanism (electric hoist) & electric hoist travelling mechanism	电动葫芦型式 model ofelectric hoist		CD ₁ 型 Model	MD ₁ 型 Model
	起升速度 (m/min)Lifting speed		8	8 / 0.8
	起升高度H (m) Hoisting height		6、9、12、18、24、30	
	运行速度 (m / min)Traveling speed		20	
	电动机 motor		锥型鼠笼型 cone squirrel–cage model	
工作级别 Working class			A3	
电源 electric current			380V 50Hz three–phase	
车轮直径 wheel diameter			φ 270	
轨道面宽 width of track			37~70mm	

10t 技术参数 Technological parameter

起重机运行机构 crane travelling mechanism	运行速度 (m/min) Working speed		(地) 20 Ground		(空) 30 Ground
	速比 speed ratio		58.78		39.38
	电动机 motor	型号 type	YED90L-4	YED80 ₂ -4	ZDR100L-4
		功率 (Kw) power	2 × 1.5	4 × 0.8	2 × 1.5
		转速 (n / min) rotational speed	7.5≤S≤22.5	22.5 < S≤31.5	7.5≤S≤31.5
起升机构 (电动葫芦) 及电动葫芦运行机构 Lifting Machanizm (electric hoist) & electric hoist travelling mechanism	电动葫芦型式 model ofelectric hoist		CD ₁ 型 Model		MD ₁ 型 Model
	起升速度 (m/min)Lifting speed		7		7 / 0.7
	起升高度H (m) Hoisting height		9、12、18、24、30		
	运行速度 (m / min)Traveling speed		20		
	电动机 motor		锥型鼠笼型 cone squirrel-cage model		
工作级别 Working class			A3		
电源 electric current			380V 50Hz three-phase		
车轮直径 wheel diameter			φ 270		
轨道面宽 width of track			37~70mm		

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16t 技术参数 Technological parameter

起重机运行机构 crane travelling mechanism	运行速度 (m/min) Working speed		(地) 20 Ground		
	速比 speed ratio		58.78		
	电动机 motor	型号 type	YED90L-4	YED80 ₂ -4	YED90L-4
		功率 (Kw) power	2 × 1.5	4 × 0.8	4 × 1.5
		转速 (n / min) rotational speed	7.5≤S≤14	14 < S≤19.5	19.5 < S≤31.5
起升机构 (电动葫芦) 及电动葫芦运行机构 Lifting Machanism (electric hoist) & electric hoist travelling mechanism	电动葫芦型式 model ofelectric hoist		CD ₁ 型 Model		MD ₁ 型 Model
	起升速度 (m/min)Lifting speed		3.5		3.5 / 0.35
	起升高度H (m) Hoisting height		9、12、18、24、30		
	运行速度 (m / min)Traveling speed		20		
	电动机 motor		锥型鼠笼型 cone squirrel-cage model		
工作级别 Working class			A3		
电源 electric current			380V 50Hz three-phase		
车轮直径 wheel diameter			φ 270		
轨道面宽 width of track			51~70mm		

20t 技术参数 Technological parameter

起重机运行机构 crane travelling mechanism	运行速度 (m/min) Working speed		(地) 20 Ground	
	速比 speed ratio		58.78	
	电动机 motor	型号 type	YED90L-4	
		功率 (Kw) power	4 × 1.5	
		转速 (n / min) rotational speed	7.5≤S≤31.5	
起升机构 (电动葫芦) 及电动葫芦运行机构 Lifting Mechanism (electric hoist) & electric hoist travelling mechanism	电动葫芦型式 model ofelectric hoist		HC 型 Model	HM 型 Model
	起升速度 (m/min)Lifting speed		3.5	3.5 / 0.35
	起升高度H (m) Hoisting height		9、12、18、24、30	
	运行速度 (m / min)Traveling speed		20	
	电动机 motor		锥型鼠笼型 cone squirrel-cage model	
工作级别 Working class			A3	
电源 electric current			380V 50Hz three-phase	
车轮直径 wheel diameter			φ 270	φ 370
轨道面宽 width of track			51~70mm	

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起重量 (t) Lifting weight	跨度(m) S span	整车总重 G(t) total weight 地面操作 ground control	最大轮压 Rmax(KN) Max wheel load	最小轮压 Rmin(KN) min wheel load	踏面至最 高点 H ₁ Wheel tread approach to top	踏面至钩中心 H ₂ Wheel tread approach to center of hook	主梁总高 H ₃ Total height of main girder	端梁轮距 B End carriage wheelbase	端梁总长 B ₀ Total length of end carriage	吊钩左极 限C ₁ Hook approach to limit position on the left	吊钩右极 限C ₂ Hook approach to limit position on the right
1	7.5	1.67	8.9	3.9	490	1070	590	2000	2500	796	1274
	9	1.81	9.4	4.3							
	10.5	1.96	9.8	4.6							
	12	2.05	10.1	4.8							
	13.5	2.19	10.5	5.2							
	15	2.48	11.3	5.9							
	16.5	2.63	11.7	6.3							
	18	2.90	12.4	6.9	530	1090	650	2500	3000		
	19.5	3.02	12.7	7.2							
	21	3.32	13.4	8.0	580		700	3000	3500		
	22.5	3.49	13.9	8.4							
	24	4.20	15.7	10.2	660	1110	800	3500	4000		
	25.5	4.39	16.2	10.6							
	27	5.52	19.0	13.5	785	1105	920	3500	4000		
	28.5	5.76	19.6	14.1							

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起重量 (t) Lifting weight	跨度(m) S span	整车总重 G(t) total weight 地面操作 ground control	最大轮压 Rmax(KN) Max wheel load	最小轮压 Rmin(KN) min wheel load	踏面至最 高点 H ₁ Wheel tread approach to top	踏面至钩中心 H ₂ Wheel tread approach to center of hook	主梁总高 H ₃ Total height ofmain girder	端梁轮距 B End carriage wheelbase	端梁总长 B ₀ Total length of end carriage	吊钩左极 限C ₁ Hook approach to limit position on the left	吊钩右极 限C ₂ Hook approach to limit position on the righ
2	7.5	1.79	13.8	4.1	490	1350	590	2000	2500	871	1274
	9	1.93	14.3	4.4							
	10.5	2.07	14.8	4.7							
	12	2.30	15.5	5.3							
	13.5	2.45	16.0	5.6							
	15	2.68	16.6	6.2	580	1270	700	2500	3000		
	16.5	2.85	17.1	6.6							
	18	3.30	18.3	7.7	660	1290	800				
	19.5	3.49	18.8	8.2							
	21	4.24	20.7	10.1	785	1285	920	3000	3500		
	22.5	4.47	21.3	10.7							
	24	5.49	23.9	13.2	880	1270	1000	3500	4000		
	25.5	5.75	24.6	13.8							
	27	6.60	26.7	16.0	980	1270	1000	3500	4000		
	28.5	6.89	27.5	16.7							

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起重量 (t) Lifting weight	跨度(m) S span	整车总重 G(t) total weight 地面操作 ground control	最大轮压 Rmax(KN) Max wheel load	最小轮压 Rmin(KN) min wheel load	踏面至最 高点 H ₁ Wheel tread approach to top	踏面至钩中心 H ₂ Wheel tread approach to center of hook	主梁总高 H ₃ Total height of main girder	端梁轮距 B End carriage wheelbase	端梁总长 B ₀ Total length of end carriage	吊钩左极 限C ₁ Hook approach to limit position on the left	吊钩右极 限C ₂ Hook approach to limit position on the right
3	7.5	1.93	18.9	4.2	530	1420	650	2000	2500	818.5	1291
	9	2.09	19.6	4.5							
	10.5	2.25	20.2	4.9							
	12	2.47	20.9	5.4	580		700				
	13.5	2.64	21.5	5.9							
	15	3.08	22.7	6.9	660	1440	800	2500	3000		
	16.5	3.27	23.2	7.4							
	18	3.91	24.9	9.0	745	1475	920				
	19.5	4.14	25.5	9.6							
	21	5.09	28.0	11.9	880	1420	1000	3000	3500		
	22.5	5.36	28.7	12.6							
	24	5.89	30.0	13.9	940	1460	1100	3500	4000		
	25.5	6.17	30.8	14.6							
	27	7	35.9	19.7	985	1515	1200	3500	4000		
	28.5	7.35	36.9	20.7							

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起重量 (t) Lifting weight	跨度(m) S span	整车总重 G(t) total weight 地面操作 ground control	最大轮压 Rmax(KN) Max wheel load	最小轮压 Rmin(KN) min wheel load	踏面至最 高点 H ₁ Wheel tread approach to top	踏面至钩中心 H ₂ Wheel tread approach to center of hook	主梁总高 H ₃ Total height ofmain girder	端梁轮距 B End carriage wheelbase	端梁总长 B ₀ Total length of end carriage	吊钩左极 限C ₁ Hook approach to limit position on the left	吊钩右极 限C ₂ Hook approach to limit position on the righ		
5	7.5	2.20	28.7	4.6	580	1640	720	2000	2500	841.5	1310		
	9	2.40	29.7	5.0									
	10.5	2.59	30.5	5.5									
	12	2.98	31.8	6.4	660	800	2500	3000					
	13.5	3.20	32.5	6.9									
	15	3.60	33.7	7.9	785	1635			920				
	16.5	3.83	34.4	8.5									
	18	4.50	36.2	10.2	880	1620			1000				
	19.5	4.76	37.0	10.8									
	21	5.42	38.7	12.4	920	1700			1120			3000	3500
	22.5	5.70	39.5	13.1									
	24	6.8	43.6	17.2	960	1740			1200			3500	4000
	25.5	7.3	44.5	18.0									
	27	7.87	48.6	22.1	1200	1700			1400			3500	4000
	28.5	8.22	49.7	23.2									

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10	7.5	3.26	51.3	6.1	770	1900	920	2000	2500	1293	1893		
	9	3.51	53.5	6.6									
	10.5	3.76	55.3	7.2									
	12	4.14	57.1	8.1	845	1905	1000	2500	3000				
	13.5	4.40	58.4	8.7									
	15	4.89	60.2	9.8	900	1950	1100						
	16.5	5.17	61.3	10.5									
	18	5.63	62.8	11.6	940	1960	1150						
	19.5	5.92	63.9	12.3									
	21	7.12	67.1	15.3	980	1970	1200					3000	3500
	22.5	7.48	68.2	16.2									
	24	8.6	72.9	20.6	1100	2012	1362					3500	4000
	25.5	9.01	74.2	21.7									
	27	9.72	77.5	24.7	1200		1462					3500	4000
	28.5	10.67	78.9	25.9									

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16	7.5	3.64	77.2	7.0	770	2600	930	2000	2500	1293	1893
	9	3.94	80.4	7.6	925	2635	1110				
	10.5	4.24	82.9	8.3							
	12	4.01	85.2	9.3							
	13.5	4.72	87.1	10.0	950	2658	1158				
	15	5.42	90.6	12.7	1100	2610	1260	2500	3000		
	16.5	5.73	92.2	13.6							
	18	6.32	95.0	15.8	1120	2638	1308				
	19.5	6.9	96.5	16.8							
	21	8.44	99.7	19.6	1130	2678	1358	3000	3500		
	22.5	8.88	101.3	20.8			1500	3500	4200		
	24	9.835	105.2	24.2	1200						
	25.5	10.63	106.7	25.5							
	27	11.71	109.6	28.1	1350	2700	1600	3500	4000		
	28.5	12.68	111.1	29.5							

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起重量 (t) Lifting weight	跨度(m) S span	整车总重 G(t) total weight 地面操作 ground control	最大轮压 Rmax(KN) Max wheel load	最小轮压 Rmin(KN) min wheel load	踏面至最 高点 H ₁ Wheel tread approach to top	踏面至钩中心 H ₂ Wheel tread approach to center of hook	主梁总高 H ₃ Total height of main girder	端梁轮距 B End carriage wheelbase	端梁总长 B ₀ Total length of end carriage	吊钩左极 限C ₁ Hook approach to limit position on the left	吊钩右极 限C ₂ Hook approach to limit position on the right
20	7.5	5.45	97.9	10.2	1090	3322	1112	2000	2700	1394	1933
	9	5.58	102.3	11.0	1090	3370	1160				
	10.5	5.92	105.7	11.8							
	12	6.5	109.8	14.0	1120	3400	1260				
	13.5	7.02	112.3	15.1							
	15	7.455	116.9	15.5	1170	3442	1312	2500	3200		
	16.5	7.98	119	16.5							
	18	8.5	121	17.8	1200	3460	1360				
	19.5	9.3	122.8	18.8							
	21	10.34	126.4	21.9	1250	3560	1460				
	22.5	11.1	128.1	23.1							
	24	11.85	131.6	26.1	1350		1610	3500	4200		
	25.5	12.84	133.3	27.4							

*注：1、如有其他要求，请在订货时特别提出。 2、我公司保留在无需任何通知的情况下对以上信息进行变更的权力。

Remark: 1. If you have other requirements, please indicate specially at the time of ordering.

2. We reserve the right to change above information without any notice.