

LDA型1~20吨电动单梁起重机

LDA Type 1~20t Electric Single Beam Crane



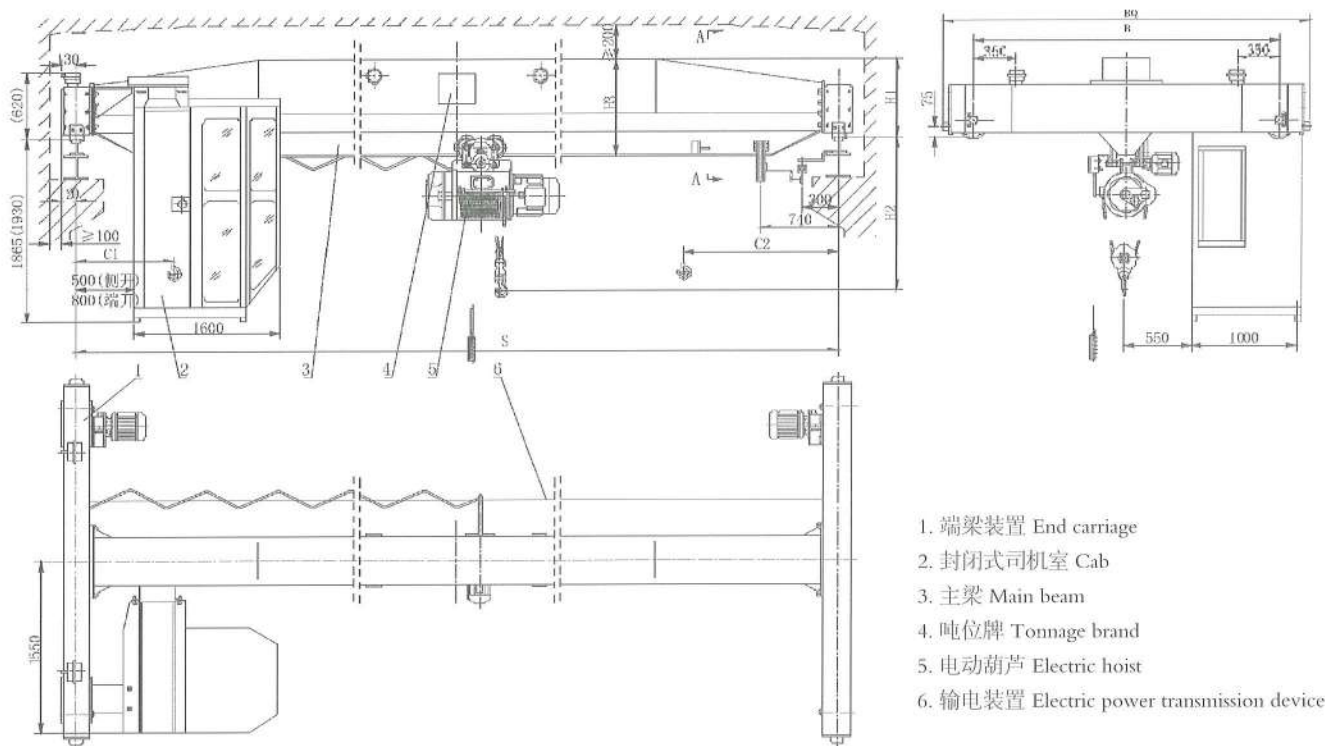
简介 A Brief Introduction

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.



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 Mechanism (electric hoist) & electric hoist travelling mechanism	电动葫芦型式 model of electric 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 Mechanism (electric hoist) & electric hoist travelling mechanism	电动葫芦型式 model of electric 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 Mechanism (electric hoist) & electric hoist travelling mechanism	电动葫芦型式 model of electric 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 of electric 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			

技术参数 Technological parameter

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	1090			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 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
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	2500	3000		
	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								

技术参数 Technological parameter

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	2500	3000			
	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	3000	3500		
	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 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
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					
	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	2500	3000		
	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								

技术参数 Technological parameter

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
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				
	13.5	4.40	58.4	8.7							
	15	4.89	60.2	9.8	900	1950	1100	2500	3000		
	16.5	5.17	61.3	10.5							
	18	5.63	62.8	11.6							
	19.5	5.92	63.9	12.3	940	1960	1150				
	21	7.12	67.1	15.3							
	22.5	7.48	68.2	16.2	980	1970	1200	3000	3500		
	24	8.6	72.9	20.6							
	25.5	9.01	74.2	21.7							
	27	9.72	77.5	24.7	1100	2012	1362	3500	4000		
28.5	10.67	78.9	25.9								
					1200		1462	3500	4000		

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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
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	950	2658	1158				
	13.5	4.72	87.1	10.0							
	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							
	24	9.835	105.2	24.2	1200	2678	1500	3500	4200		
	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								

技术参数 Technological parameter

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		
	22.5	11.1	128.1	23.1							
	24	11.85	131.6	26.1	1350	3560	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.