



Technical Requirement

- 1.Manufacture, install and use according to JB/T 1306-2008
- 2.Distance from workshop backspin to crane peak should >200mm
- 3.Control mode: ground control
- 4.Crane power supply mode: safe slide wire
- 5.Trolley power supply mode: wire rope sideway

Crane traveling mechanism	Traveling speed (m/min)		20	
	reducer	Reduction ratio i	58.95	
		model	LDA driving device	
	motor	model	ZDY(D)21-4	
Power KW×Quantity		0.8×2		
Rotation speed (r/min)		1380		
Trolley moving mechanism	Traveling speed (m/min)		20	
	Traveling motor model	ZDY ₁ 21-4	Reducer model	727
	Power KW×Quantity	0.8kw×2	Motor rotation speed (r/min)	1380
	Lifting height (m)	15	Hoist model	CD
Lifting mechanism	Lifting speed (m/min)	7	Lifting capacity (t)	10
	Lifting motor model	ZD ₁ 51-4	Wire rope	15NAT6×37-FC1670ZS
	Power KW×Quantity	13KW×1	Diameter of wire rope	φ15
	Overall parameters	Track	P24	Diameter of wheel on ground
Max. Wheel load (KN)		56	Working class	A3
Min. Wheel load (KN)		7.4	Power supply	3-phase, 380V, 50HZ
Total power (KW)		16.2	Working temperature	-20℃~+40℃

number	code	name	stuff	quantity	single weight (kg)	total weight (kg)	remark				
7		end girder	part	2							
6		electric device	part	1							
5		electric hoist	part	1							
4		tonnage card installed	part	1							
3		main girder	part	1							
2		nameplate installed	part	1							
1		crane traveling mechanism	part	2							
				number	code	name	stuff	quantity	single weight (kg)	total weight (kg)	remark
						LD Type Single Girder Electric Crane			Yuantai Crane Machinery		
						LD 10t-10.76m			Page one	Weight	Scale
								Total	~3.8t	1:10	
mark	change	file	sign	date							
design	check	standard	electric								
verify	approval										
technic	date										
								General drawing		Reference drawing	