



Technical Requirement

- 1.Manufacture, install and use according to JB/T1306-2008
- 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 slideway

Crane traveling mechanism	Traveling speed (m/min)		20	
	reducer	Reduction ratio i	84.54	
		model	LDH driving device	
	motor	model	ZDY(D) 1	
		Power KW×Quantity	232.4KW×2	
Rotation speed (r/min)		1380		
Trolley moving mechanism	Traveling speed (m/min)		14	
	Traveling motor model	ZDY(D) 1	Reducer model	LDA driving device
Lifting mechanism	Power KW×Quantity		21-4 0.8kw×2	
	Motor rotation speed (r/min)		1380	
	Lifting height (m)	15	Hoist model	HC
	Lifting speed (m/min)	4.2	Lifting capacity (t)	20
	Lifting motor model	ZD ₅ 52-4	Wire rope	21.5NAT6×37-FC1850ZS
Overall parameters	Power KW×Quantity		18.5KW×1	
	Diameter of wire rope		φ21.5	
	The track	P38	Diameter of wheel on ground	φ400
	Max. Wheel load (KN)	106.6	Working class	A3
Min. Wheel load (KN)		12.1		
Power supply		AC 380V 50HZ		
Total power (KW)		24.5		
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			
					single	total	
					weight (kg)	weight (kg)	remark
					LD Type Single Girder Electric Crane LD 20t-11m		Yuantai Crane Machinery
					Page one	Weight	Scale
					Total	~6.35t	1:30
design	change file	sign	date	standard			
check		electric					
verify		approval					
technic		date					
					Reference drawing		