



### Technical Requirement

- 1.Manufacture, install and use according to JB/T 2603-2008
- 2.Distance from workshop backspin to crane peak should  $\geq 100\text{mm}$
- 3.The minimum and maximum wheel pressure is the total wheel pressure calculation value for a group of wheel in full load,Only for civil engineering department reference
- 4.Control mode: ground cable control

Technical parameters				
crane traveling mechanism	traveling speed m/min	20		
	reducer	ratio	30.5	
		type	ZDY(D), 12-4/0.4 kw	
	motor	quantity	2	
rotational speed r/min		1380		
trolley traveling mechanism	traveling speed m/min	20		
	travel motor type	ZDY, 12-4 0.4kw	reducer type	723
	quantity	1	motor rotational speed r/min	1380
lifting mechanism	lifting height m	6	hoist type	CD
	lifting speed m/min	8	lifting capacity t	2
	lifting motor type	ZD, 31-4/3KW	wire rope structure	6X37-FC
overall parameter	quantity	1	wire rope diameter	$\phi 11$
	track wide	120a~45c	wheel pavement diameter	$\phi 134$
	max. wheel load kN	13.6	working duty	A3
	min. wheel load kN	3.6	power supply	3-phase 415V 50HZ
	total power	4.2	ambient temperature	-20°C~+40°C

number	code	name	stuff	quantity	single weight (kg)	total weight (kg)	remark
4		Electric hoist	part	1			
3		Girder	part	1			
2		Electric	part	1			
1		End beam device	part	2			
				LX Single beam suspension crane LX 2t-7m		Henan Yuantai Crane Machinery Import & Export Co.,Ltd.	
mark				change file		Page one	Weight
design				standard		Total	1200
check				electric		Scale 1:10	
verify				approval		Reference drawing	
technic				date			