



新乡浩宇起重机械有限公司  
**Xinxiang HY Crane Co., LTD**

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**Overhead Crane Systematic Solution**

Project: single girder overhead crane

From: Xinxiang HYCrane Co., Ltd.

**Price list**

No.	Description	Specification	QTY	Unit Price	Amount
1	LD type Single girder overhead crane with pendent & remote control	Capacity: 20T Span( rail center to center): 19m Lifting height: 10m Power supply: 400V 50HZ 3p	1 sets	\$10,480	<b>\$10,480</b>
	Power supply system	16 <sup>2</sup> Bus bar, Current collector and tensioner	75m	\$10/m	<b>\$750</b>
	Rail track	Model P38, include Complete accessories	75m*2	\$36/m	<b>\$5,400</b>
2	Domestic freight & port charge	to Qingdao port, China(by 40'GP) --2days arrived			<b>\$1,289</b>
<b>Total price</b>		<b>FOB Qingdao port, China price</b>			<b>US\$17,919</b>
		<b>IT SAY US DOLLARS SEVENTEEN THOUSAND NINE HUNDRED, AND NINETEEN ONLY</b>			

**Commercial Terms:**

**Payment term :** 50% TT in advance as deposit, 50% should be paid balance before shipping

**Delivery time:** Within 20 days after received the advance payment and confirmed the design

**Validity:** 20 days.

**Warranty:** 2 years for main body while products reached

**Package:** Electrical and other parts packed by high quality plywood crate, beams packed by plastic woven cloth

**Port of shipment:** Qingdao port, China

**Painting color:** According to your demand

**HS Code:** 8426112000

**Remarks:** We provide the total crane drawings, electric system drawing and could send senior engineers to customers' site as supervision of installation, load test making, commissioning, workers training. Buyer should pay our technician's each accommodation, meals, round-trip tickets, self-security and USD150/day abroad.

## Technical note

### I .Main technical parameters

#### A) General Specification

A-1	Model	LD20T-19M
A-2	Capacity	20T
A-3	Span	19M
A-4	Max.Lifting height	10M
A-5	Runway length	75M
A-6	Standard	ISO Standard
A-7	Working class	ISO A3
A-8	Power supply	400V,50Hz, 3Ph
A-9	Working Temperature	~20°C - 40°C
A-10	Working Area	Indoor
A-11	Crane Material	Q235B
A-12	Control method	Pendent + Remote control
A-13	Steel rail type	P38
A-14	Dead weight	9850kgs

#### B) LD Hoist Mechanism

B-1	Item	LD20T-19M
B-2	Hoist model	CD1
B-3	Lifting speed m/min	3.5
B-4	Lifting height m	10
B-5	Traveling speed m/min	20
B-6	Motor Type	ZD1 51-4

#### C) LD Crane Traveling Mechanism

C-1	Item	LD20T-19M
C-2	Traveling speed m/min	20
C-3	Ratio i	58.75
C-4	Motor Type	ZDY21-4

C-5	Power kw	2.2*2
C-6	Rotate speed r/min	1380

## II .Equipment list

No.	Name	Manufacturer	Remark
1	Crane structure	HYCRANE	Our factory
2	Trolley structure		
3	Lifting Motor	Nanjing	Top equipment in China
4	Trolley traveling motor		
5	Crane traveling motor		
6	Reducer	Zhongrui,Henan	
7	Electrical component	CHINT	

## III. Safty Device

Electrical		Mechanical	
No.	Item	No.	Item
1	Zero protection	1	Overload Limiter
2	Emergency stop system	2	Limit Switch (Lifting and Traveling)
3	Current overload protection system	3	Interlock protection device
4	Fire limit	4	Buffer
5	Motor overload protection	5	Overhaul cage
6	Insulated resistance	6	Rail clear plate

## IV.Spare Parts (free)

No.	Name	Type	Q.T.Y
1	Buffer	Standard Equipment	1 set
2	Rope guide ( for hoist)	Standard Equipment	1 set
3	Motor brake hoop	Standard Equipment	1 set
4	Limit switch	Standard Equipment	1 set

**V.Crane parts**

Picture	Name	Model	Qutity
	Main girder	LD TYPE	1 set
	End carriage & crane traveling system	LD TYPE 2 pieces per set	1 set
	Electric hoist & Hook	20T	1 set
	Bus Bar	Security slide wire	75m
	Remote control	Standard configuration	1 set
	Crane rails	Standard configuration	75m*2

# VI. Pictures



End carriage



crane hoist



Electric box



Crane main girder

## LD type single girder overhead crane

Package & delivery & project for your reference



1. Hoist and electric parts will be packed by poly wood crate, for avoiding the damage from goods crash and impact during the delivery. 2, Girders and other main parts will be packed by plastic woven cloth, for preventing rust from soppo condition during the transportation. 3, Only the best transport solution will be taken for saving your cost uttermost on finance, security and time.



Certification



## VII. Projects for reference



Project in Venezuela: 5ton single girder crane have been successfully installed and working very well



### —From Uzbekistan Installation steps

LD10T-S16.6M & LD16T-S16.6M Single Girder Overhead Crane



**1** Docking main beam



**2** Connect the broken main beam with bolts



**3** Construction bolts



**4** Fixed bolt



**5** Connect the main beam to the end beam



**6** Installation of conducting frame



**7** Installation of conducting frame



**8** Install trolley tow cable



**9** Install Traveling motors



**10** Electric hoist installation



**11** Electric hoist installation completed



**12** the overhead machine



**13** Overhead crane operation and lifting test



**14** Installation and commissioning of two sets bridge machines



Project in Uzbekistan: LD 10T & LD 16T single girder overhead crane have been complete the installation work & cranes working well