



YUANTAI CRANE

GLOBAL CRANE AND MATERIAL HANDLING
SOLUTION PROVIDER



**Henan Yuantai Crane Machinery
Import&Export Co., Ltd.**



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DONGQI GROUP

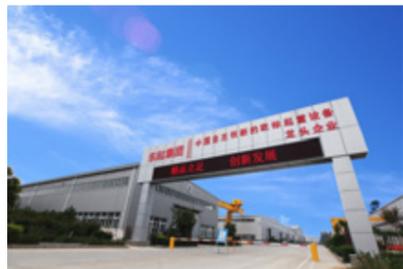
China European-spec Crane Leader



Dongqi Group is a Sino-foreign joint venture. The Group consists of subsidiaries: Henan Dongqi Machinery Co., Ltd manufacturing), Henan Yuantai Crane Machinery Import&Export Co., Ltd (Foreign Trade).

Henan Yuantai Crane Machinery Import&Export Co., Ltd consists of sales, e-commerce, service department, engage the Group's foreign trade. There are more than 300 employees in our company, 200 salesmen and 50 persons in the service department. Our customers distribute throughout the southeast Asia, Russia, east europe, the Middle east, Africa and other areas, the products are welcomed by all customers.

The company mainly manufactures such products: various European-style Bridge, gantry cranes, European-style electric block, etc. Some key core components are original Britain SZW product. The structures are manufactured by strictly following European-style technology standards, so that the overall performance reaches advanced world level. The products are widely applicable to multiple fields such as steel, electric power, petrochemical industry, machine building, war industry, warehouse logistics and papermaking. We will offer you the best designs and provide high-standard tailor-made European-style cranes with highly-efficient technology and economic index.



SERIES PRODUCTS

European Standard Crane

- Double girder overhead crane
- Single girder overhead crane
- Electric hoist

Double Girder Overhead Crane

- Double girder electric hoist crane
- Explosion-proof overhead crane
- Electromagnetic overhead crane
- Overhead crane with hook
- Ladle overhead crane
- Double trolley overhead crane
- Insulation overhead crane
- Grab bucket overhead crane

Single Girder Overhead Crane

- Explosion-proof overhead crane
- Single girder electric hoist crane
- Low headroom single girder overhead crane
- Single girder suspension crane

Free Standing Workstation Overhead Crane

Gantry Crane

- Single & double girder gantry crane
- Rail mounted container gantry crane
- Rubber tyred container gantry crane
- Portable gantry crane

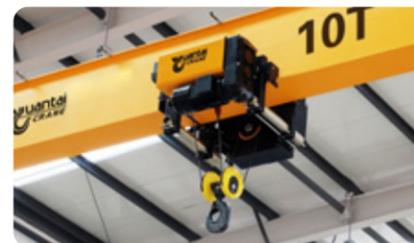
Jib Crane

- BZ type pillar jib crane
- BX type wall mounted jib crane
- BZY type mobile jib crane

Electric Hoist

- Single & double speed wire rope electric hoist
- Explosion-proof electric hoist
- Metallurgical electric hoist
- Electric chain hoist
- Traditional electric crab hoist
- European-spec electric crab hoist

Electric Winch



European Standards

Double Girder Overhead Crane



European-spec Double Girder Overhead Crane

European-spec Double Girder Overhead Crane is designed with reference to European FEM / DIN standards, has features of design concepts, small dimension, light dead weight.

Compared with traditional cranes (Chinese standards), the limiting distance is minimum from hook to wall, and headroom is the lowest, which makes cranes work more close to the front, and lifting height more higher that increases effective working space of workplace.

New workshops can be designed more smaller and have more functions because the dead weight of European-spec overhead crane is light, and the wheel pressure is small. Smaller size workplace means saving a huge amount of money from initial construction investment, long-term heating, air conditioning and other maintenance free.



European Standards

Double Girder Overhead Crane



European-spec Double Girder Overhead Crane Specifications

Lifting Capacity	1.6-100 tons
Crane Span	≥6 meters
Lifting Height	6m, 9m, 12, 18m
Power Supply	220-575V 50/60Hz 3Phase
Working Class	A5, A6
Ambient Temperature	-20-40°C



European Standards

Single Girder Overhead Crane



HD type overhead crane

European-spec Single Girder Overhead Crane

European-spec single girder overhead cranes have the design concepts of small dimension, light dead weight and so on.

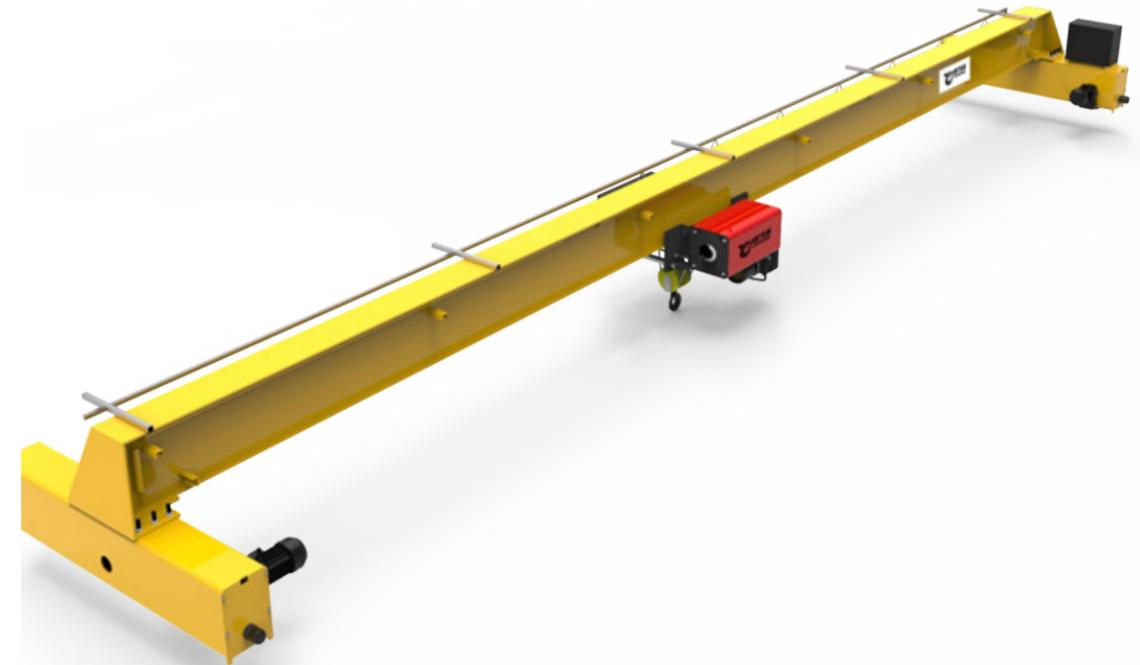
Compared with traditional crane (Chinese standards), European-spec single girder overhead crane has the minimum limiting distance from hook to wall, lower headroom and higher lifting height.

With these features, the European-spec single girder overhead crane could provide the workplace with more effective working space. The workplace could be designed smaller than before but with more functions. In addition, wheel pressure has been reduced due to the lighter weight than before. A huge amount of money could be saved from the initial construction investment, long term heating fee, air conditioning and other maintenance fee. From the above, European-spec single girder overhead crane is a advisable choice for the client.



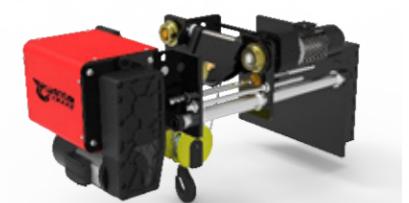
European Standards

Single Girder Overhead Crane



European-spec Single Girder Overhead Crane Specifications

Lifting Capacity	1-20 tons
Crane Span	≥6 meters
Lifting Height	6m, 9m, 12, 18m
Power Supply	220-575V 50/60Hz 3Phase
Working Class	A5, A6
Ambient Temperature	-20-40°C



European Standards

Electric Hoist



NR/ND Type Electric Hoist

European-spec Electric Hoist

European-spec wire rope electric hoist offer outstanding quality and efficiency. Absolutely reliability is one of the most important features. We introduced latest technology like infinitely variable speed control, braking energy feedback system, safety monitor into control system. All those innovations benefit our customers for greater reliability and efficiency and make our wire rope hoist very competitive in the market.



European-spec electric hoist design is based on FEM calculations for standard lifting gear allowing safe and reliable lifting of loads from 3.2 to 80 tons. European-spec electric hoist has smooth and silent operation that extends the lifetime of the hoist.

European Standards

Electric Hoist



European-spec Electric Hoist Specifications

	Monorail Type	Crab Trolley Type
Lifting Capacity	1-20 tons	1-100 tons
Lifting Height	6m, 9m, 12, 18m	
Power Supply	220-575V 50/60Hz 3Phase	
Working Class	M5, M6	
Ambient Temperature	-20-40°C	





LH type overhead crane

Traditional Double Girder Overhead Crane

Overhead crane is a kind of lifting equipment which is used in workshop, warehouse and yard to lift the materials. The end beam of bridge crane run along the laid on both sides of the elevated rail, the crane can make full use of the space below the bridge to lift materials, and it doesn't have obstacles from the ground equipment. So it is one of the most widely used, the largest number of lifting machinery.

Yuantai crane can supply double girder overhead crane with lifting capacity: 5~500t, span:7.5~31.5m, lifting height: 3~50m, work class: A5,A6, speed: single / double speed. We also design and manufacture the nonstandard crane according users' requirements.

Lifting capacity: 5-500 t
Span: 7.5-31.5m
Working class: A5-A6
Ambient temperature: -20~+40°C
Application: The product is applicable to the transfer, assembly, check and repair as well as load and unload at mechanic processing workshop, subsidiary workshop of metallurgical mills, warehouse, goods yard and power station.



Explosion-proof overhead crane



QD overhead crane with hook



Grab bucket overhead crane



Insulation overhead crane



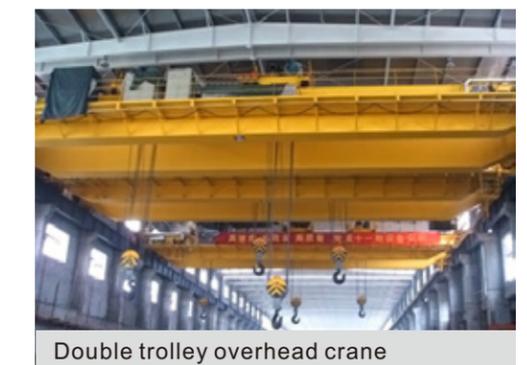
Electromagnetic overhead crane



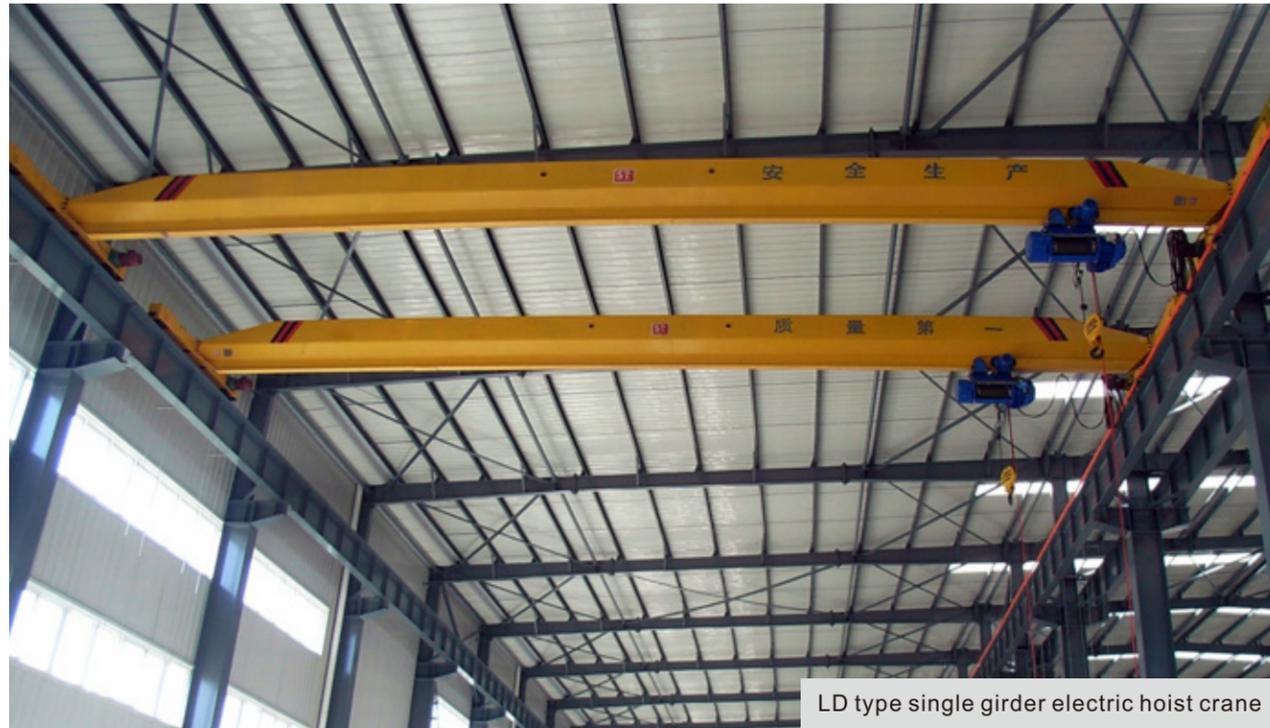
Ladle overhead crane



Double girder electric hoist crane



Double trolley overhead crane



LD type single girder electric hoist crane

Traditional Single Girder Overhead Crane

Overhead crane is a kind of lifting equipment which is used in workshop, warehouse and yard to lift the materials. The end beam of bridge crane run along the laid on both sides of the elevated rail, the crane can make full use of the space below the bridge to lift materials, and it doesn't have obstacles from the ground equipment. So it is one of the most widely used, the largest number of hoisting machinery.

Yuantai crane can supply single girder overhead crane with lifting capacity: 0.5~20t, span:7.5~28.5m, lifting height: 3~30m, work class: A3,A4, speed: single / double speed. We also design and manufacture the non-standard crane according users' requirements.

Lifting capacity: 0.5-20 t

Span: 7.5-28.5m

Working class: A3-A4

Ambient temperature: -20~+40°C

Application: 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 corrosive environment.



Single girder electric hoist crane



Single girder suspension crane



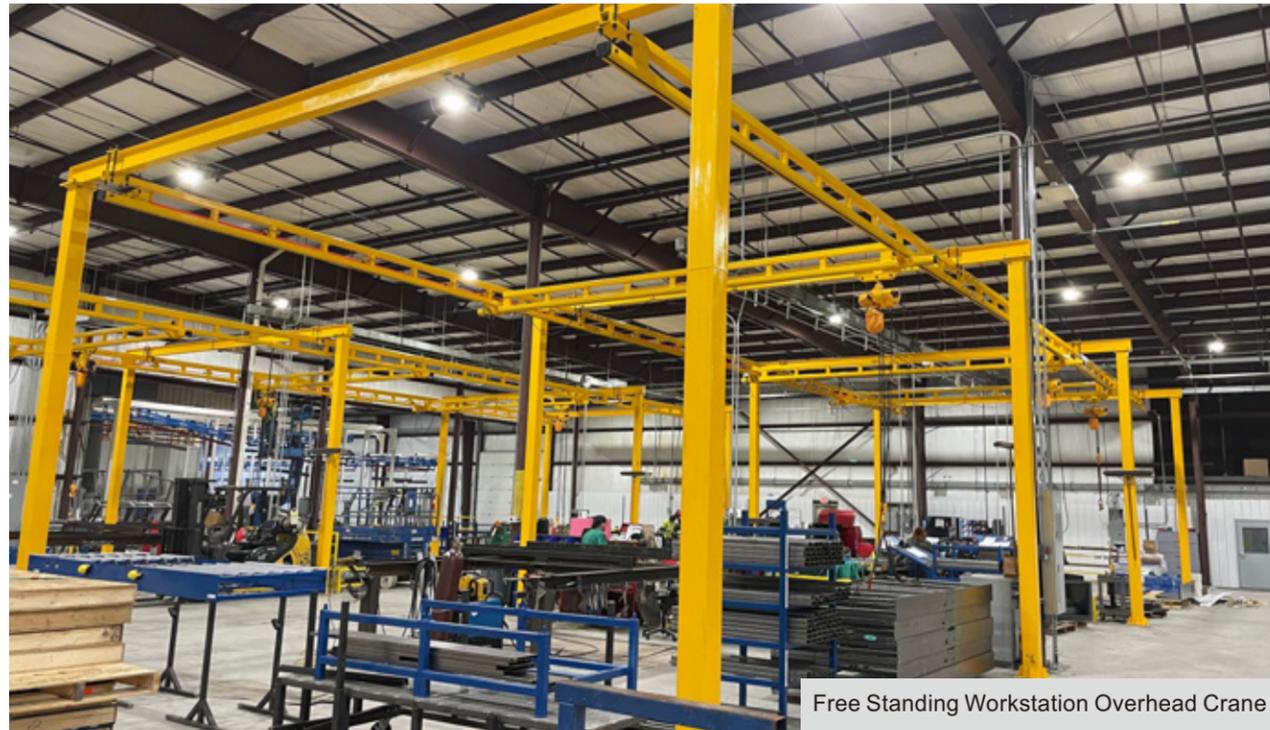
Explosion-proof overhead crane



Low headroom single girder overhead crane



Single girder electric hoist crane



Free Standing Workstation Overhead Crane

Free Standing Workstation Crane

Steel or aluminum profile KBK lifting system has changed the understanding of the traditional industrial field of the crane. The crane design is lightweight, convenient assembly, and ergonomic, which brings revolutionary improvement in the working efficiency and is a more cost-effective choice for the industrial field.

KBK light load overhead crane VS traditional overhead crane

- Reduce plant cost
- Less idle equipment
- Modular design
- More accurate positioning
- More energy-saving and environmental-friendly
- Low operating noise

Lifting capacity: 0.25-2 t

Span: 1-12m

Working class: A3,A4

Ambient temperature: -20~+40°C

Application: 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 corrosive environment.



Free Standing Workstation Overhead Crane



Aluminum Free Standing Overhead Crane



Free Standing Workstation Overhead Crane



Double Girder Gantry Crane

Heavy Duty Gantry Crane

- Design and manufacture according to GB/T 14406 "General gantry crane".
- Mainly made up of bridge, trolley, crane traveling mechanism and electric system.
- All the procedure is finished in the operating room.
- Applies to the open warehouse or rail along for general handling and lifting work.
- Also can be equipped with other lifting devices like grab or container spreader or etc. for special work.
- Prohibited for high temperature, flammable, explosive, corrosion, overloading, dust or other dangerous operations.

Type: MG
Lifting capacity: 5~500 t
Span: 18-35m
Working class: A5, A6
Ambient temperature: -20~+40°C
Application: This product is a regular crane widely used at open ground and warehouses to load, unload and grab materials. It has 2 controlling methods, namely ground controlling and room controlling.

Single Girder Gantry Crane

- It is consisted with gantry frame (main girder, legs, bottom end beams), lifting mechanism, travelling mechanism, and electrical control.
- It is used with matching CD1 or MD1 electric hoist, and is a light small crane with rail travelling.
- Widely used in workshop, storage, port and hydroelectric power station and some other outdoor places, where it has a low frequency or few lifting times.
- It is forbidden to be used with melt metal, inflammable, or explosive objects.
- It can be designed with one hanging arm or no-hanging arm according to client's demand.

Type: MH
Lifting capacity: 1~20t
Span: 12~35m
Working class: A3,A4,A5
Ambient temperature: -20~40°C
Application: This product is a regular crane widely used at open ground and warehouses to load, unload and grab materials. It has 2 controlling methods, namely ground controlling and room controlling.



Single Girder Gantry Crane



Rail Mounted Container Gantry Crane

Rail Mounted Container Gantry Crane

Rail mounted container gantry crane is appropriate for handling, loading and unloading ISO container and railway wide container in container yard or transfer station such as port, wharf, railway and logistics. Supported by multiple steel wheels and powered by electricity, it consists of gantry mechanism, trolley assembly, gantry frame, power system and special container spreader.

The design, manufacture and inspection comply with Chinese standard and international standards such as FEM, DIN, IEC, AWS and etc. Yuantai's RMG has the characteristics of multiple function, high efficiency, stability, reliability, wide range of operation, easy operation and maintenance.

- Type:** RMG
- Lifting capacity:** 35/41/75 t
- Span:** 30/35/40m
- Base distance:** 10/16m
- Lifting height:** 12.5/15.3/18.3m
- Container specification:** 20', 40', 45'
- Application:** This product is appropriate for handling, loading and unloading ISO container and railway wide container in container yard or transfer station such as port, wharf, railway and logistics.

Rubber Tyred Container Gantry Crane

Yuantai's RTG has the characteristics of multiple function, high efficiency, stability, reliability, wide range of operation, good maneuverability, low sensitive to ground unevenness, easy operation and maintenance. Straight travel, lateral travel, 0-90 degree turning and turning in the same place are the most important features. It is also completed with safety indication and overload protection device to provide maximum safety for operators and equipment. The electric drive adopts fully digital AC variable frequency and PLC speed control technology with flexible control and high accuracy. Standard bought-in components from well-known brands at home and abroad ensure overall quality.

- Type:** RTG
- Lifting capacity:** 35/41/70t
- Span:** 23.47/26m
- Base distance:** 7/7/7.5m
- Lifting height:** 15.5/18.5m
- Container specification:** 20', 40', 45'
- Application:** This product is appropriate for handling, loading and unloading ISO container in container yard or transfer station such as port, wharf and logistics.



Rubber Tyred Container Gantry Crane



Portable gantry crane

Portable Gantry Crane

Portable gantry crane is a kind of small lifting equipment, which has the characteristics of simple structure, small occupancy space, flexible assembly and affordable price. It is widely used in factory equipment installation and maintenance, production line cargo handling, outdoor cargo loading and unloading scenes etc.

Lifting capacity: 0.25-20 t

Span: 1-12m

Working class: A3,A4

Ambient temperature: -20~+40°C

Application: This product is widely used in plants, warehouses, material stocks to lift goods.



BZ type Pillar Jib Crane

- BZ-type pillar crane is a kind of small and medium-sized lifting equipment with the recent development. It has unique structure, and it is safe and reliable with the advantage of high efficiency and energy saving, timesaving, flexible and so on. And it can be operated freely in 3D space. And it can show its superiority when it is working in the short-range or intensive lifting occasions.
- Widely used in workshop, warehouse, dock and other fixed places.

Type: BZ

Lifting capacity: 0.5~10 t

Lifting height: 3~12m

Working class: A3

Ambient temperature: -25~+40°C

Application: It is widely used in manufacture of machine, car, ship building, the production line of industry modernization, assembly line and warehouse, wharf, laboratory.



BZ type pillar mounted jib crane



BX type wall-mounted jib crane

BX type wall mounted Jib Crane

- It is made of support column, jib device and electric hoist
- The cantilever is fixed on the wall or concrete post, and the rotation is according to your demand.
- The rotation method includes manual and electric.
- Widely used in permanent place such as workshop, storage and ports, etc.

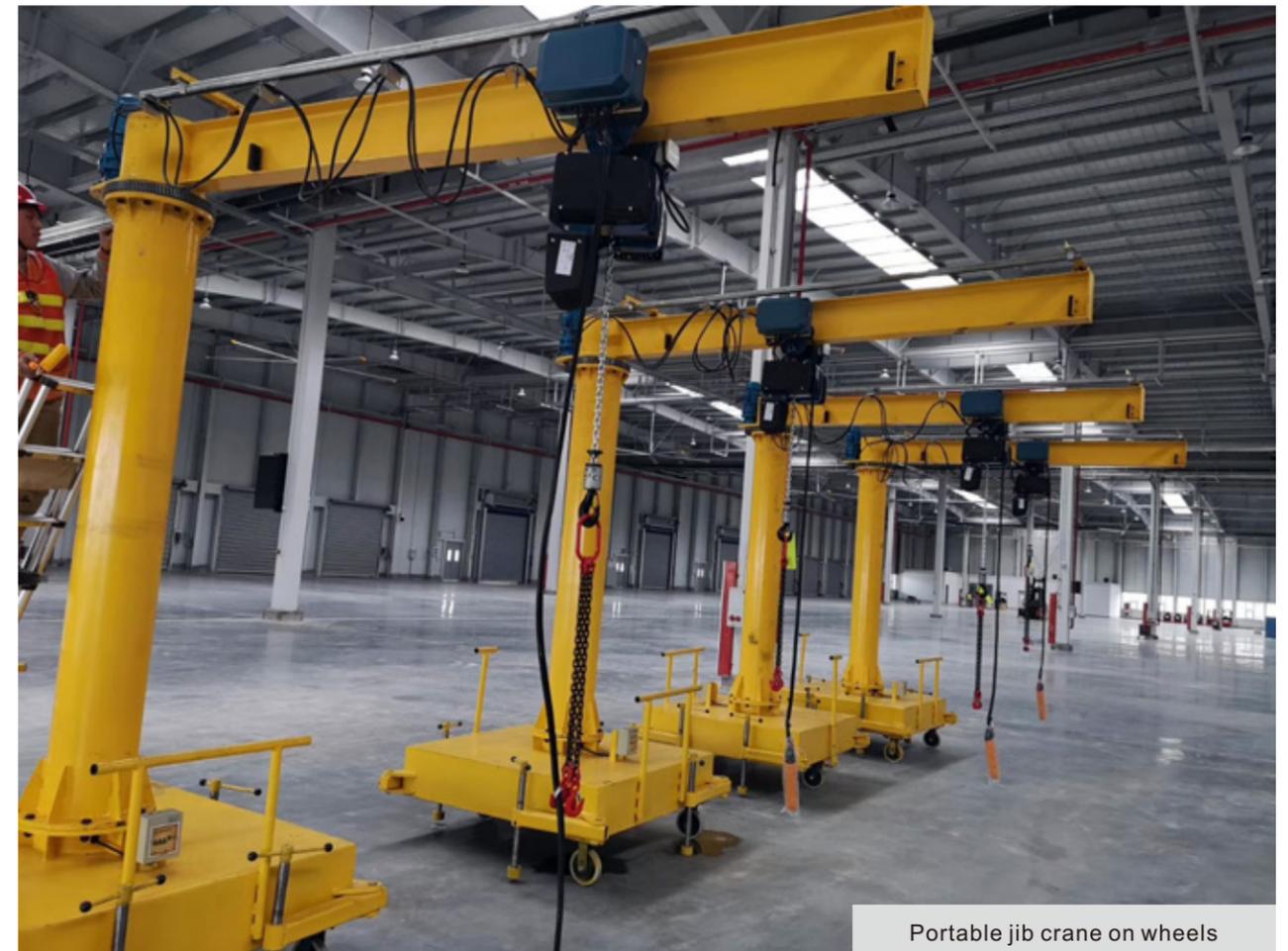
Type: BX
Lifting capacity: 0.25~1 t
Lifting height: 3~6m
Working class: A3
Ambient temperature: -25~+40°C
Application: It is widely used in manufacture of machine, car, ship building, the production line of industry modernization, assembly line and warehouse, wharf, laboratory.



Portable Jib Crane

Portable Jib Crane (also called Mobile Jib Crane / Mobile Cantilever Crane / Movable Jib Crane) is a lifting machine that use electric chain hoist (or electric wire rope hoist) as lifting mechanism and run in any direction to the desired location. The electric hoist can run on the cantilever, suitable for the occasion that the heavy objects need to be moved.

Lifting capacity: 0.25-2 t
Span: 1-3m
Working class: A3,A4
Ambient temperature: -20~+40°C
Application: This product is widely used in plants, warehouses, material stocks to lift goods.



Portable jib crane on wheels



FEM standard Electric Hoist

Electric Hoist

Electric hoist is a kind of special lifting equipment, installed on the crane and gantry crane. It has features of small volume, light weight, simple operation and convenient use, etc, which is used for industrial and mining enterprises, storage terminals and other places.

Yuantai crane can supply hoist with lifting capacity: 0.25~80t, lifting height: 3~50m, work class: M3, M4, M5, speed: single / double speed. We also design and manufacture the nonstandard crane according users' requirements.

Lifting capacity: 0.25~80t
Lifting height: 3~50m
Working class: A3, A4, A5
Ambient temperature: -20~40°C
Application: It can be mounted on single beam, bridge, gantry and jib cranes, widely used in factories, mines, harbours, warehouses, cargo storage areas and shops.



European-spec electric hoist



Single speed wire rope electric hoist



Double speed wire rope electric hoist



Explosion-proof electric hoist



Electric chain hoist



Metallurgical electric hoist



Traditional Electric Hoist Trolley



European-spec Electric Hoist Trolley



Electric Winch

Electric Winch

Winch is divided into manual winch and electric winch. Mainly used in construction, water, forestry, mining, port, etc material lift or drag.

Mining winch is mainly used for all kinds of large and super large concrete, steel structure and mechanical equipment installation and removal. Its structure is characterized by order, safe and reliable .



- Lifting capacity:** 2~200t
- Lifting height:** 50~1000m
- Working class:** M3, M4, M5
- Ambient temperature:** -25~40°C
- Application:** Mainly used for hoisting pull and unloading tow the weight droop, for example, steel, installation and disassembly of mechanical equipment.

What we think is for customer needs.

Yuantai crane with their own advantages, strategic cooperation with international brand-name companies, which fully guarantee the quality and performance of the crane.





Certificates

Perfect quality assurance system, strict quality control and comprehensive quality management make perfection possible for every section and every product. Mean while advanced inspection instruments in the world national authoritative inspection centers and steady quality inspection level give us confidence in fierce competition in the world.

ISO Certificates



European Union CE Certificates

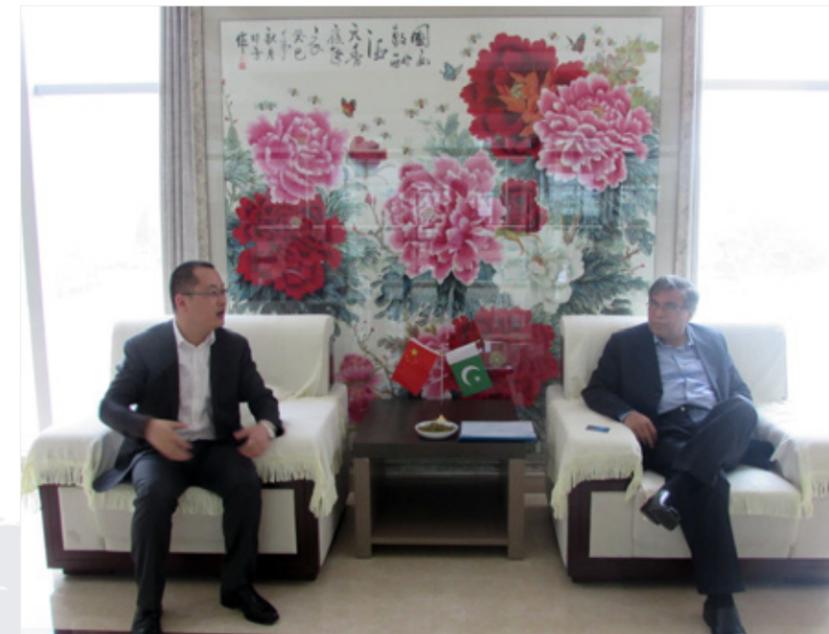


Manufacture License of Special Equipment

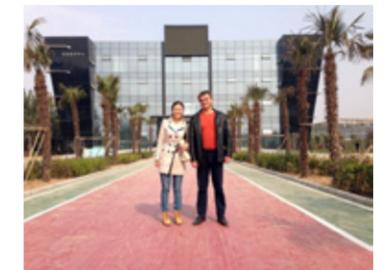


Customer Cases

Yuantai crane products have been exported to the United States, Britain, Brazil, Australia and etc **more than 150 countries and regions**. Yuantai remain a stable growth on global sales for many years, and keep increasing the share of the market year by year. Stable operation, qualities first, focus on customer's idea, these help to provide long-term security and reliable products, let the customer's material handling easier, and create more and more value for customers.



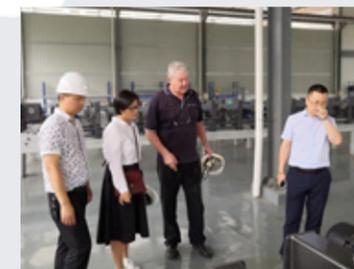
Pakistan Customer



Bosnia and Herzegovina Customer



Jordan Customer



Australia Customer



Russia Customer



Serbia Customer