European Double Girder Overhead Crane

Overview

European Double Girder Overhead Crane is based on modular design theory and modern computer technology, using new materials, new technology completed new bridge crane with high degree of commonality, intelligence and high-tech.

European Double Girder Overhead Crane design and manufacture in strict accordance with FEM and DIN standard. It is with compact structure, large operating range, using holistic processing, with high precision. Hoisting mechanism including two forms: winch trolley and electric hoist trolley. Using hardened three-in-one motor, reducer, with compact layout and smooth operation. Particularly suitable for large-tonnage precious objects lifting and handling in position.

European Double Girder Overhead Crane has the following advantages compared with the traditional crane:

1. Low height, light weight; small hook limit, large operating range.
   Compared with general type bridge crane, crane weight reduced by 15% to 30%, wheel pressure reduced by 15% to 30%, crane height reduced by 20 ~ 30%, which greatly reduces the cost of the plant.
   Trolley with compact design, can achieve smaller upper, left and right limits of the hook, greatly increasing the hook work scope.

2. Selection of high-quality components, less maintenance work; mechanisms take finite element analysis, which is safe and reliable.
   The crane adopts three-in-one hardened motor and reducer, using steel rolled overall annealing treatment drum group,
use of 65Mn forged wheel set, using engineering towline conductive, and crane operation is more safe and efficient.
Steel structure take finite element analysis, to ensure that the crane with lightweight structure, safe and reliable.

3. Transmission mechanism is integrated, with high transmission efficiency, low energy consumption and less failure points.
Each transmission mechanism adopts direct coupling type, reducing transmission links and failure points, improve transmission efficiency, reduce crane energy consumption.

4. Overall Processing, High precision.
Forged wheel set, machining boring assembly.
Overall processing trolley frame after welding, with small welding distortion and high assembly precision.
Overall processing end beams after welding, with small welding deformation and high assembly precision, which will help overhaul.
5. Frequency control, smooth start and braking; hook can adopt anti-sway technology, safer lifting. All mechanisms using frequency control, smoothly start and braking without impact, increasing security of crane operation and improve productivity.

European style double girder crane with high drive efficient, safe and reliable, smooth operation and precise control, it is your best choice.

Weihua Crane is professional material handling equipment manufacturer and servicer with largest production in global. Provide you with overhead crane, gantry crane, electric hoist, etc. of safe, reliable and efficient crane solutions and services.

Contact Us

Simply complete the form below, click submit, you will get the price list and we will contact you within one business day. Please also feel free to contact us by email or phone.

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Weihua Crane Machinery Co., Ltd.

Weihua Crane started since the year 1988; it is professional material handling equipment manufacturer and servicer with largest production all over the world. With Weihua Crane historical influence, “China Crane Town” (which covers more than 2/3 crane market in China) developed in the area around Weihua headquarter.

Our main businesses are researching, developing, manufacturing and sales of all kinds of lifting equipment. We have passed the ISO9001 quality system certification, ISO14001 environmental management system certification, OHSAS18001 occupational health and safety management system certification, CE certification, etc.

Our advantages and differences with other crane manufacturers are that we have professional crane team to provide you with safe, reliable, efficient crane solutions and services, and as far as possible to reduce your cost. Crane your business, let’s develop together!

Excellent Product and Solutions

Weihua become one of general hoisting machinery manufacturing industry leader with the largest production and sales volume. We can provide electric hoists, single/double beam overhead crane, gantry crane, and such varieties of lifting equipment 10 serious more than 200 types. The lifting capacity of the overhead crane can achieve 1000t, and the gantry crane 900t, to meet all kinds of project need.

Weihua is committed to provide total optimized crane program solution and perfect service to help customer to save cost and improve efficiency.

Advanced R&D | Strong Q&C | Production capacity

Weihua has Technology Testing and Inspection Center authorized by the state, post-doctoral research station, obtains 283 technology patent certificates and inventions, R & D team of Weihua with 600 people and with Shu-zi Yang (academician from the Chinese Academy of Engineering) as the foregoer, is the biggest one in general purpose crane industry in China.

Weihua now adopted the "lean production management", the undaunted testing and outstanding market performance, ensuring Weihu stand out as the leading brand within crane industry. We continuously make the innovation on technical and strict on QC management keep the products quality steady improving.

The company total asset is of 0.78 billion US Dollar, over 6000 employees, covers an area of 3.42 million square meters, one of our workshop is the largest within the whole world crane industry. A varieties of 1700 sets manufacturing and testing equipment, including machining, heat treatment, welding, assembly, testing and packaging shipped metering and other ancillary equipment with a full range of advanced production scale and production capacity.

Outstanding Marketing Performance & Long-term Partner

Production and sales of overhead and gantry crane won the first in China for continuous 8 years. And now, total production amount of Weihua Crane products achieve world first. Weihua has developed strategic partnership with Siemens, GH Spain, Demag, SEW, Schneider, etc.

Weihua cranes widely used in machinery manufacturing, iron and steel metallurgy, nuclear industry of mining, water conservancy and hydropower, roads and railways, electric power, automobile manufacturing, petrochemical, port logistics, shipbuilding and other material handling, etc. We have successfully exported to more than 90 countries and regions such as the United States, Great Britain, Russia, India, Brazil, Peru, South Africa, Mongolia, South Korea, Australia, Southeast Asia, the Mid-East,
etc. And get well reputation.
Weihua crane with strong capacity, focus on customer service, provide with first-class quality, safety and reliable products, create more and more value for customers, these are the reasons we set-up stable and long-term relationship with our customers.

Weihua Crane Make the World Easier | Craneus