

Weihua 32 Tons Overhead Crane: Reliable Heavy-Duty Lifting Equipment

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32 tons double girder overhead crane

Introduction to Weihua 32 Tons Overhead Crane

Weihua 32 tons overhead crane is a high-performance heavy-duty lifting equipment designed and manufactured by Weihua Group, a leading enterprise in the crane industry. With decades of experience in R&D and production, Weihua has crafted this 32 tons overhead crane to meet the demanding lifting needs of various industrial sectors. This crane is engineered to provide stable, efficient, and safe lifting operations, making it an indispensable tool for factories, warehouses, ports, and other workplaces that require handling heavy loads up to 32 tons.

The 32 tons overhead crane adopts advanced technology and high-quality materials, ensuring its long service life and reliable performance. Whether it's lifting large machinery parts, raw materials, or finished products, this crane can complete the task with precision and ease. It is designed to adapt to different working environments, including harsh conditions such as high temperature, humidity, and dust, providing consistent performance in various industrial scenarios.

Key Features of 32 Tons Overhead Crane

- **Superior Load-Bearing Capacity:** The 32 tons overhead crane from Weihua is specifically designed to handle loads up to 32 tons, with a robust structure that ensures stable lifting even under full load. The main beam and end beams are made of high-strength steel, which has excellent toughness and rigidity, effectively resisting deformation during operation.
- **Advanced Safety System:** Safety is a top priority for Weihua, and this 32 tons overhead crane is equipped with a comprehensive safety system. It includes overload protection device, limit switches for lifting height and trolley travel, emergency stop button, and voltage protection. These safety features work together to prevent accidents and ensure the safety of operators and equipment.
- **High Operating Efficiency:** The Weihua 32 tons overhead crane is equipped with a high-performance hoisting mechanism and traveling mechanism. The hoisting speed and traveling speed can be adjusted according to the actual needs, allowing for fast and efficient lifting and moving of loads. The precise control system ensures accurate positioning of the load, improving work efficiency and reducing operation time.
- **Easy Maintenance:** Designed with maintenance in mind, the 32 tons overhead crane has a simple and reasonable structure, making it easy to inspect and maintain. Key components are easily accessible, reducing maintenance time and cost. Weihua also provides professional after-sales service and spare parts support, ensuring that any maintenance issues are resolved promptly.
- **Energy-Saving Performance:** Weihua pays attention to energy conservation and environmental protection. The 32 tons overhead crane is equipped with an energy-efficient motor and frequency converter, which can effectively reduce energy consumption during operation. This not only helps enterprises save energy costs but also contributes to environmental protection.

Technical Parameters of Weihua 32 Tons Overhead Crane

Parameter	Specification

Rated Lifting Capacity	32 tons
Span	10-35 meters (customizable)
Lifting Height	6-30 meters (customizable)
Hoisting Speed	0.8-8 m/min (adjustable)
Trolley Traveling Speed	10-30 m/min (adjustable)
Crane Traveling Speed	20-45 m/min (adjustable)
Power Supply	380V/50Hz/3Ph (customizable according to local standards)
Working Class	A5-A7

Common Types of Weihua 32 Tons Overhead Crane and Their Application Scenarios

1. 32 Tons General-Purpose Overhead Crane

This type of 32 tons overhead crane is the most widely used one. It is designed for general lifting operations in various industries. The general-purpose overhead crane has a simple structure, flexible operation, and strong adaptability. It can be used in machinery manufacturing plants, assembly workshops, warehouses, and logistics centers. For example, in a machinery manufacturing plant, it is used to lift and move large machine parts during the production and assembly process; in a warehouse, it is used to load and unload goods and stack materials.

2. 32 Tons Metallurgical Overhead Crane

The 32 tons metallurgical overhead crane is specially designed for metallurgical industry, which can withstand high temperature, dust, and corrosive environments. It is equipped with heat-resistant components and special protection devices to ensure normal operation in harsh metallurgical working conditions. This crane is mainly used in steel mills, foundries, and other metallurgical enterprises. It is used to lift molten steel, steel ingots, castings, and other high-temperature materials, as well as to assist in smelting, casting, and rolling processes.

3. 32 Tons Explosion-Proof Overhead Crane

The 32 tons explosion-proof overhead crane is designed for environments with flammable and explosive gases, vapors, or dust. It adopts explosion-proof motors, electrical components, and wiring, which can prevent sparks from igniting the explosive substances in the environment. This crane is widely used in chemical plants, oil refineries, pharmaceutical factories, and other

places with explosion risks. It is used to lift and move flammable and explosive materials, ensuring safe operation in hazardous environments.

4. 32 Tons Double-Girder Overhead Crane

The 32 tons [double-girder overhead crane](#) has two main beams, which provides higher load-bearing capacity and stability compared to [single girder overhead cranes](#). It is suitable for heavy-duty lifting operations and large-span working places. This crane is commonly used in ports, shipyards, heavy machinery manufacturing plants, and other industries. For example, in a shipyard, it is used to lift and install large ship components; in a port, it is used to load and unload heavy containers and bulk cargo.

FAQ about Weihua 32 Tons Overhead Crane

Q1: What is the maximum span of 32 tons overhead crane?

A1: The standard span of Weihua 32 tons overhead crane is 10-35 meters, but it can be customized according to the specific needs of customers. We can design and manufacture cranes with larger spans to meet the requirements of different working sites.

Q2: Does the 32 tons overhead crane have overload protection?

A2: Yes, Weihua 32 tons overhead crane is equipped with a high-precision overload protection device. When the lifting load exceeds the rated capacity, the device will automatically cut off the hoisting power supply, stop the hoisting operation, and issue an alarm to prevent overload accidents.

Q3: What is the working class of 32 tons overhead crane?

A3: The working class of Weihua 32 tons overhead crane is A5-A7. A5 is suitable for medium-duty working conditions with intermittent operation; A6 is for heavy-duty working conditions with frequent operation; A7 is for extra-heavy-duty working conditions with continuous operation. Customers can choose the appropriate working class according to their actual operation frequency and intensity.

Q4: How often does the 32 tons overhead crane need to be maintained?

A4: The maintenance cycle of Weihua 32 tons overhead crane depends on the working conditions and operation frequency. Generally, daily inspection is required before operation, including checking the safety devices, lubrication, and electrical systems. Regular maintenance (monthly, quarterly, and annual) should be carried out according to the maintenance manual provided by Weihua. Professional maintenance personnel should be arranged to perform the maintenance to ensure the crane's normal operation and safety.

Q5: Can Weihua provide after-sales service for the 32 tons overhead crane?

A5: Yes, Weihua provides comprehensive after-sales service for the 32 tons overhead crane. Our after-sales team consists of professional technicians with rich experience. We offer installation guidance, commissioning, operator training, maintenance, and spare parts supply services. If you encounter any problems during the use of the crane, you can contact our after-sales service hotline at any time, and we will provide timely solutions.

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