

40 Tons Double Girder Overhead Crane - High-Performance Heavy Lifting Solution

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40 Tons Double Girder Overhead Crane

Product Overview

The 40 tons double girder overhead crane is a heavy-duty material handling equipment designed for demanding industrial environments. Engineered to deliver exceptional lifting capacity and operational stability, this crane is widely recognized as the preferred choice for **40 tons double girder overhead crane for heavy industry** applications. Whether you need to lift large machinery, steel structures, or bulk materials, this crane combines robust construction with advanced control systems to ensure efficient, safe, and reliable performance.

40 Tons Double Girder Overhead Crane Core Features

- **Superior Load-Bearing Capacity:** As a **high load-bearing capacity 40 tons double girder overhead crane**, it is specifically optimized to handle 40-ton loads with precision. The double girder design distributes weight evenly, reducing stress on individual components and enhancing overall structural integrity during heavy lifts.

- **Sturdy & Durable Structure:** The crane’s main girder and end carriages are fabricated from high-quality Q355B steel, using advanced welding techniques and heat treatment to ensure maximum strength and durability. This **durable 40 tons double girder overhead crane structure** can withstand harsh working conditions, including high temperatures, dust, and vibration, for long service life.
- **Precision Control System:** Equipped with a variable frequency drive (VFD) system, the crane offers smooth and precise speed regulation for lifting, trolley traveling, and bridge traveling. The **precision-controlled 40 tons double girder overhead crane** minimizes load sway, ensuring accurate positioning even for delicate or oversized loads.
- **Comprehensive Safety Protection:** Safety is a top priority. The crane is fitted with multiple safety devices, including overload protection, limit switches (lifting height limit, traveling limit), emergency stop buttons, and anti-collision devices. These features guarantee **safe operation 40 tons double girder overhead crane** and protect both personnel and equipment.

40 Tons Double Girder Overhead Crane Technical Specifications

Parameter	Specification
Rated Lifting Capacity	40 Tons
Span	10m - 35m (Customizable)
Lifting Height	6m - 30m (Customizable)
Working Class	A5 - A7
Lifting Speed	0.8m/min - 8m/min (Dual Speed)
Trolley Traveling Speed	10m/min - 30m/min
Bridge Traveling Speed	20m/min - 45m/min
Power Supply	380V/50Hz/3Ph (Customizable for Different Regions)

40 Tons Double Girder Overhead Crane Application Fields

The 40 tons double girder overhead crane is versatile and suitable for a wide range of heavy-industry scenarios, such as:

- **Metallurgical Industry:** Used for lifting molten steel ladles, steel ingots, and large steel plates in steel mills. The **40 tons double girder overhead crane application in metallurgy** requires high temperature resistance and stable performance, which this crane fully meets.

- **Mechanical Manufacturing:** Assembling large machinery components, moving heavy workpieces between production lines, and loading/unloading raw materials.
- **Warehousing & Logistics:** Handling heavy cargo, containers, and bulk materials in large warehouses, ports, and freight yards.
- **Power Construction:** Installing and maintaining large power equipment, such as generators, transformers, and turbine components.
- **Mining Industry:** Lifting and transporting mining equipment, ore, and coal in mining sites and processing plants.

Why Choose Our 40 Tons Double Girder Overhead Crane?

- **High Efficiency:** Optimized structural design and advanced control system reduce lifting time and improve work efficiency.
- **Long Service Life:** High-quality materials and strict quality control ensure the crane operates reliably for more than 15 years.
- **Customization Options:** We offer tailored solutions for span, lifting height, working class, and control mode to meet specific customer needs.
- **Easy Maintenance:** Modular design and accessible components make inspection and maintenance convenient, reducing downtime.
- **Professional After-Sales Service:** Our team provides on-site installation, commissioning, operator training, and 24/7 technical support.

Contact Us

If you are looking for a reliable **40 tons double girder overhead crane supplier**, please contact us today. Our sales engineers will provide you with detailed product information, quotation, and customized solutions based on your requirements. Let's work together to enhance your material handling efficiency!

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