

Double Girder Gantry Crane: High-Performance Lifting Solutions from Top Manufacturer

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As a leading double girder gantry crane manufacturer, WEIHUA Group delivers robust, customizable lifting equipment designed to meet the demands of heavy-duty industrial applications. Our double girder gantry cranes combine advanced engineering, durable materials, and precision control to ensure safe, efficient operations across warehouses, ports, construction sites, and manufacturing plants. Whether you need to handle large components, containers, or bulk materials, our cranes are tailored to your specific load requirements—backed by competitive double girder gantry crane price, reliable after-sales support, and global delivery.

Overview of Double Girder Gantry Crane

A double girder gantry crane is a heavy-duty lifting device characterized by two parallel girders (beams) that span the working area, supported by upright legs on either side. This structural design provides superior load-bearing capacity compared to single girder models, making it ideal for lifting loads from 10 tons to 500 tons (and beyond) with spans ranging from 10 meters to 35 meters. WEIHUA's double girder gantry cranes are engineered for versatility, supporting both indoor and outdoor operations, and can be customized with various lifting mechanisms, control systems, and safety features to adapt to harsh environments (e.g., high temperatures, corrosive conditions) or specialized tasks (e.g., precision assembly, container handling).

As a trusted manufacturer, we prioritize quality at every stage—from raw material selection (high-strength steel) to CNC machining and strict quality inspections. Our cranes comply with international standards (ISO, CE, FEM) and are certified for global markets, ensuring reliability and compliance wherever you operate.

Double Girder Gantry Crane Trolley: Key Component for Smooth Operation

The double girder gantry crane trolley is the heart of the lifting system, responsible for moving the hoist along the girders with precision and stability. WEIHUA's trolleys are designed to maximize efficiency and minimize maintenance, featuring:

- **Heavy-Duty Construction:** Fabricated from high-strength steel to withstand heavy loads and frequent use.
- **Smooth Traversal:** Equipped with premium wheel sets (often with anti-wear bearings) and precision-guided rails to ensure low-noise, vibration-free movement.
- **Integrated Hoist Compatibility:** Compatible with electric wire rope hoists or [electric chain hoists](#) (depending on load capacity), offering variable speed control for precise lifting/lowering.
- **Safety Features:** Includes limit switches, anti-derailment devices, and emergency stop functions to prevent accidents during operation.
- **Customization Options:** Trolley speed, load capacity, and lifting height can be tailored to match your application—whether you need fast traversal for high-throughput warehouses or slow, precise movement for assembly lines.

Our trolleys are rigorously tested to ensure compatibility with the gantry crane's overall structure, guaranteeing seamless integration and long service life.

Technical Specifications (Parameter Table)

Parameter	Range (Customizable)

Rated Load Capacity	10T – 500T+
Span (Distance Between Legs)	10m – 35m
Lifting Height	6m – 30m
Working Class	A5 – A7 (ISO/FEM Standard)
Trolley Travel Speed	10m/min – 40m/min (Variable Speed Optional)
Crane Travel Speed	20m/min – 60m/min (Variable Speed Optional)
Lifting Speed	0.5m/min – 10m/min (Dual-Speed for Precision)
Power Supply	380V/50Hz (Customizable for 220V/60Hz, 415V/50Hz, etc.)
Control System	Pendant Control, Wireless Remote Control, or Cabin Control
Operating Environment	-20°C to +40°C (High-Temperature/Corrosion-Resistant Versions Available)
Certification	ISO, CE, FEM, GOST (for Russian Market)

Note: All parameters can be customized based on your specific application requirements. Contact our team for a tailored solution.

Double Girder Gantry Crane Price: Customized Quotes for Your Needs

The double girder gantry crane price varies based on several factors, including load capacity, span, lifting height, control system, customization options, and order quantity. As a direct manufacturer, WEIHUA eliminates middlemen, offering competitive pricing without compromising quality. Here's what influences the cost:

- **Load Capacity & Span:** Larger load capacities (e.g., 200T+) and longer spans (e.g., 30m+) require heavier materials and more complex engineering, increasing the price.
- **Trolley & Hoist Configuration:** High-speed trolleys, precision hoists, or specialized lifting attachments (e.g., grabs, magnets) add to the cost.
- **Customization:** Environmental adaptations (e.g., explosion-proof, dust-proof), additional safety features (e.g., load moment indicators), or remote monitoring systems may affect pricing.
- **Order Quantity:** Bulk orders (e.g., 2+ cranes) qualify for volume discounts.

To get an accurate double girder gantry crane price, please provide us with your required parameters and application details. Our team will respond within 24 hours with a customized

quote, including technical drawings, delivery timelines, and installation support.

Applications & Case Studies

WEIHUA's double girder gantry cranes are trusted by clients worldwide across diverse industries:

- **Port & Container Terminals:** Used for loading/unloading containers from ships and trucks. A major port in Brazil deployed 10 of our [50T double girder gantry cranes](#), increasing throughput by 30% due to fast trolley traversal and high load capacity.
- **Steel Mills:** Ideal for handling molten steel ladles, coils, and heavy machinery. A steel plant in Spain chose our 150T cranes for their high-temperature resistance and precise control, reducing operational downtime by 25%.
- **Manufacturing Plants:** Used in automotive, aerospace, and machinery production for assembling large components. A German automotive factory relies on our 80T cranes with wireless remote control for efficient assembly line operations.
- **Construction Sites:** Lifting precast concrete components, steel beams, and construction equipment. A construction project in Russia utilized our 60T cranes for their durability in cold weather (-20°C) and easy mobility.
- **Warehouses & Logistics Centers:** Handling bulk materials, pallets, and heavy cargo. A logistics hub in Mexico uses our 30T cranes with automated trolleys to streamline inventory management.

FAQ About Double Girder Gantry Crane

Q1: What is the average double girder gantry crane price range?

A1: The price typically ranges from 20,000 to 500,000+ depending on load capacity, span, and customization. For example, a 20T/20m crane starts at ~30,000, while a 200T/30m crane may cost 300,000+. Contact us for a precise quote.

Q2: How long is the delivery time for a custom double girder gantry crane?

A2: Standard delivery is 45–60 days from order confirmation. For urgent orders or complex customizations, we offer expedited production (30–40 days) upon request.

Q3: Does WEIHUA provide installation and after-sales support?

A3: Yes. As a full-service manufacturer, we offer on-site installation, commissioning, operator training, and 24/7 technical support. We also provide spare parts (including trolley components) for global delivery.

Q4: Can the double girder gantry crane trolley be upgraded later?

A4: Absolutely. Our trolleys are designed for flexibility—you can upgrade to higher speed, add precision controls, or install specialized lifting attachments (e.g., magnets) at a later stage.

Q5: Are your cranes compliant with international safety standards?

A5: Yes. All our double girder gantry cranes meet ISO, CE, FEM, and GOST standards, ensuring safe operation in global markets. Key safety features include overload protection, emergency stop, and anti-derailment devices.

Why Choose WEIHUA as Your Double Girder Gantry Crane Manufacturer

- **Expertise & Experience:** 30+ years of manufacturing lifting equipment, serving 160+ countries with 100,000+ successful projects.
- **Customization Capabilities:** Tailor every aspect of the crane (load capacity, span, trolley, control system) to your unique needs.
- **Competitive Pricing:** Direct factory pricing with no middlemen, plus flexible payment terms for international clients.
- **Reliable Quality:** High-strength steel construction, strict quality inspections, and compliance with global standards.
- **Comprehensive Support:** From pre-sales consultation and technical drawings to on-site installation, training, and after-sales service.

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