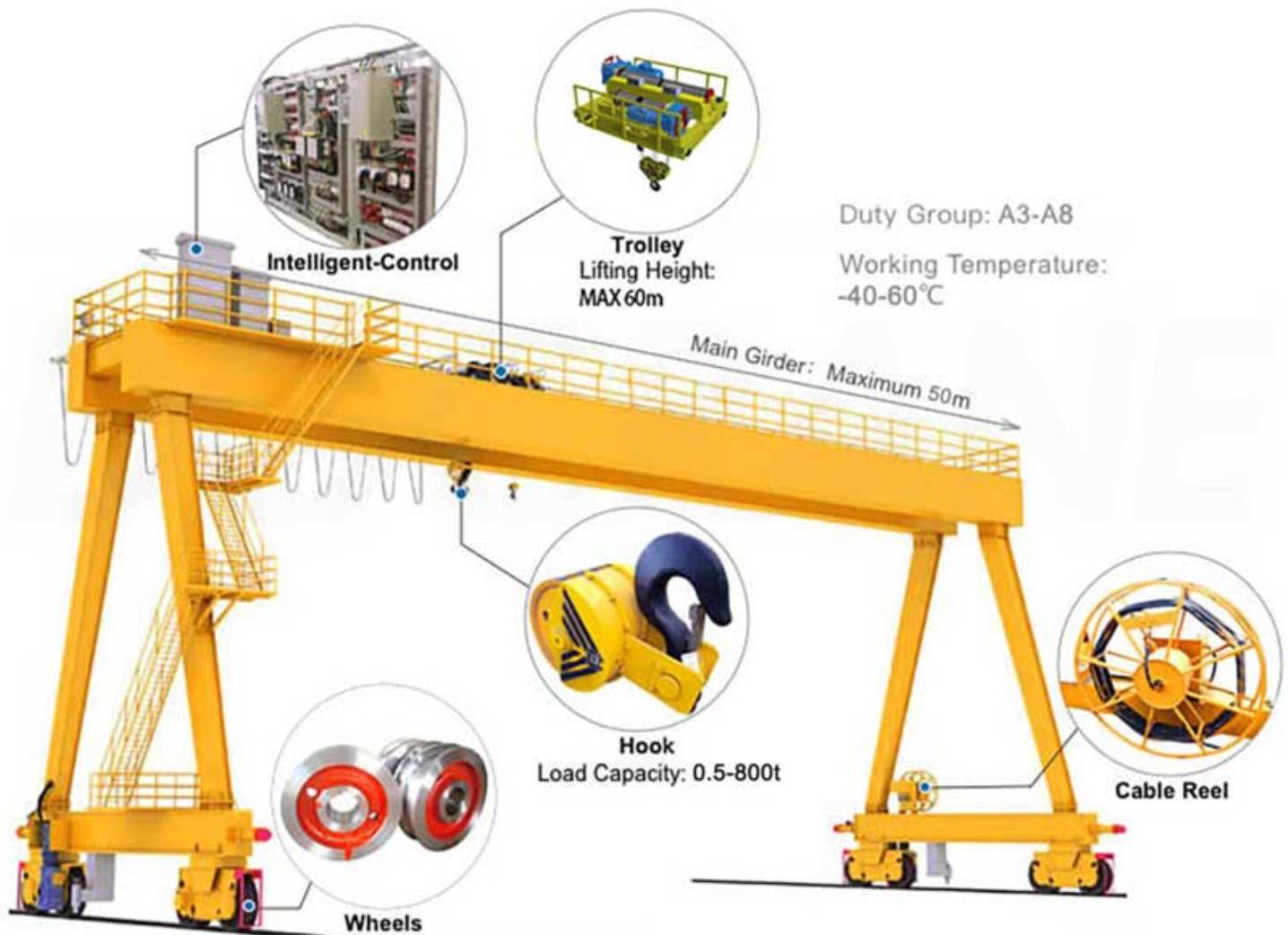


Mobile Gantry Crane

Original link: <https://www.globalweihua.com/crane-hook/mobile-gantry-crane/>

Mobile Gantry Crane: WEIHUA High-Quality Solutions for Material Handling.



mobile gantry crane

Mobile Gantry Crane Introduction

WEIHUA Group, a leading global crane manufacturer, offers a comprehensive range of **mobile gantry cranes** designed for efficient, safe, and flexible material handling across industries. Our product line includes mobile single girder gantry cranes, mobile double girder gantry cranes, portable mobile gantry cranes, Rubber-Tired Gantry (RTG) cranes, and Rail-Mounted Gantry (RMG) cranes. Each model is engineered to meet international standards (ISO, CE) and adapt to diverse working conditions, from factories, construction sites, and warehouses to ports and logistics hubs in markets like Mexico, Brazil, Russia, and Chile.

Mobile Gantry Crane Product Features by Type

Mobile Single Girder Gantry Crane



Mobile Single Girder Gantry Crane

- **Compact & Flexible:** Lightweight design with easy maneuverability, ideal for small to medium-load handling in confined spaces.
- **Cost-Effective:** Optimized structure reduces manufacturing and maintenance costs while ensuring reliable performance.
- **Easy Operation:** Equipped with manual or electric travel mechanisms, compatible with remote control for enhanced safety.

- **Customizable:** Adjustable span and height to fit specific job requirements, with optional lifting accessories (hooks, grabs).

Mobile Double Girder Gantry Crane



Mobile Double Girder Gantry Crane

- **High Load Capacity:** Dual-girder structure enables handling heavy loads (up to 200 tons) with excellent stability.
- **Durable & Efficient:** High-strength steel frame, anti-corrosion coating, and precision components for long service life.
- **Smooth Operation:** Equipped with frequency conversion (VFD) technology for stepless speed regulation, reducing load impact.
- **Versatile:** Suitable for heavy-duty applications in steel mills, shipyards, and large construction sites.

Portable Mobile Gantry Crane

- **Ultra-Portable:** Foldable or detachable design, easy to transport and assemble without professional tools.
- **Lightweight & Strong:** Aluminum or steel construction, balancing portability and load-bearing capacity (up to 10 tons).

- **Multi-Scene Application:** Perfect for temporary material handling in workshops, workshops, and outdoor job sites.
- **Safety First:** Equipped with locking devices and overload protection to ensure operational safety.

Rubber-Tired Gantry (RTG) Crane

- **High Mobility:** Rubber tires for flexible movement on flat surfaces, no fixed rail required, suitable for container yards.
- **High Efficiency:** Equipped with automatic positioning and anti-sway systems, improving container stacking/unstacking speed.
- **Energy-Saving:** Optional hybrid or electric power systems, reducing fuel consumption and environmental impact.
- **Intelligent Control:** Integrated PLC and touchscreen control, supporting remote monitoring and fault diagnosis.

Rail-Mounted Gantry (RMG) Crane

- **Precision Positioning:** Rail-mounted design ensures accurate load placement, ideal for high-density container storage.
- **High Load Capacity:** Capable of handling 40ft/20ft containers, with lifting capacity up to 60 tons.
- **Stable & Reliable:** Rigid frame structure and advanced braking system, suitable for 24/7 operation in ports and logistics centers.
- **Customizable:** Modular design allows for customization of span, lifting height, and lifting speed.

Mobile Gantry Crane Basic Specifications

Model Type	Rated Lifting Capacity	Span (m)	Lifting Height (m)
Mobile Single Girder	0.5-20 tons	3-16	2-8
Mobile Double Girder	10-200 tons	8-30	4-16
Portable Mobile	0.2-10 tons	1-6	1-4
RTG Crane	20-60 tons (container)	18-30	12-20

RMG Crane	20-60 tons (container)	20-40	12-25
-----------	------------------------	-------	-------

Note: Custom specifications (voltage, load capacity, span) are available for regional adaptability (e.g., 220V/60Hz for Mexico, 380V/50Hz for Brazil).

Industry Applications Of Mobile Gantry Crane

WEIHUA mobile gantry cranes are widely used in:

- **Manufacturing:** Automobile factories, steel mills, machinery production lines.
- **Construction:** Building sites, bridge construction, precast component handling.
- **Logistics & Ports:** Container yards, warehouses, freight terminals.
- **Mining & Energy:** Mine sites, power plants, wind turbine installation.
- **Temporary Projects:** Emergency rescue, outdoor events, temporary workshops.

FAQ: Mobile Gantry Crane

Q1: What is the difference between RTG and RMG cranes?

A1: RTG cranes use rubber tires for flexible movement on flat surfaces, suitable for open container yards. RMG cranes run on rails, offering higher precision and stability for high-density container storage in ports.

Q2: Can portable mobile gantry cranes be used outdoors?

A2: Yes, our portable models are designed with weather-resistant materials (optional anti-corrosion coating) for outdoor use, ideal for temporary outdoor material handling.

Q3: Does WEIHUA provide after-sales service for global markets?

A3: Yes, we offer 24/7 technical support, on-site installation, maintenance training, and spare parts supply in Mexico, Brazil, Russia, and other regions to ensure smooth operation.

Q4: Can the mobile gantry cranes be customized for specific voltage requirements?

A4: Absolutely. We provide customized power supply solutions (e.g., 220V/60Hz for North America, 380V/50Hz for Europe) to meet regional electrical standards.

(注：文档部分内容可能由 AI 生成)