

Portable Gantry Crane: Versatile Lifting Solution for Every Worksite

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Portable Gantry Crane

Product Overview

Our portable gantry crane is a game-changing lifting equipment designed to meet the diverse needs of modern worksites. Combining exceptional mobility, robust construction, and user-friendly operation, this crane eliminates the limitations of fixed lifting systems, making it an indispensable tool for businesses across various industries. Whether you need to lift heavy machinery in a workshop, load materials at a construction site, or handle equipment in a warehouse, our portable gantry crane delivers reliable performance and efficient lifting every time.

Core Features of Portable Gantry Crane

- **Quick and Easy Assembly:** No complex tools or professional installation teams are required. The crane’s modular design allows for hassle-free assembly and disassembly in minutes, saving valuable time and labor costs. Even a single operator can set it up, ensuring maximum productivity from day one.
- **Superior Mobility:** Equipped with high-quality, heavy-duty casters (available in fixed, swivel, or locking options), the crane can be effortlessly moved across various surfaces, including concrete, asphalt, and even slightly uneven terrain. This mobility enables you to bring the lifting power exactly where it’s needed, eliminating the need for multiple fixed cranes.
- **Robust Construction:** Crafted from high-strength steel, the crane boasts exceptional durability and load-bearing capacity. The frame is precision-welded to ensure structural integrity, while the corrosion-resistant finish protects it from harsh environmental conditions, extending its service life.
- **Adjustable Dimensions:** Both the span and lifting height are adjustable to accommodate different workspace sizes and lifting requirements. This flexibility makes the crane suitable for a wide range of applications, from small workshops to large construction sites.
- **Safe and Reliable:** Safety is our top priority. The crane is equipped with a range of safety features, including a reliable braking system, overload protection, and stable base design, ensuring safe operation even under heavy loads. It complies with international safety standards, giving you peace of mind during every lift.

Portable Gantry Crane Technical Specifications

Parameter	Range/Value
Maximum Load Capacity	0.5T - 10T
Span Range	2m - 8m (customizable)
Lifting Height Range	2m - 6m (customizable)
Material	High-strength Q235/Q355 steel
Caster Type	Fixed, swivel, or locking (rubber/PU wheels)
Power Option	Manual, electric, or hydraulic
Finish	Powder coating (corrosion-resistant)

Portable Gantry Crane Application

Construction Sites

Ideal for lifting steel bars, concrete blocks, and construction machinery in areas where fixed cranes can't reach. Its mobility allows for easy movement between different work zones.

Warehouses & Logistics

Efficiently load and unload goods from trucks, stack heavy pallets, and move equipment within the warehouse, improving storage and retrieval efficiency.

Workshops & Factories

Perfect for assembling heavy machinery, repairing large equipment, and moving workpieces between production lines, enhancing workflow and productivity.

Outdoor Events

Used for setting up stages, lighting, and sound equipment at concerts, exhibitions, and sports events, where temporary lifting solutions are needed.

Emergency Rescue

In disaster-stricken areas or emergency situations, it can quickly lift and move debris, vehicles, or injured personnel, aiding in rescue operations.

Portable Gantry Crane Price Information

The price of the portable gantry crane is not fixed as it varies according to different models and parameters. Factors such as maximum load capacity, span, lifting height, power option, and any customized requirements will all have an impact on the final price. For detailed and accurate pricing information, please consult Weihua Group. Our professional sales team will provide you with a tailored quotation based on your specific needs and technical specifications.

Portable Gantry Crane Selection Guide

- **Assess Load Capacity Requirements:** First, determine the maximum weight of the items you need to lift. Always choose a crane with a load capacity that exceeds your heaviest planned load to ensure safety. For example, if your typical lifting load is 3T, a 5T crane would be a more reliable choice to account for potential unexpected overloads.
- **Measure Span and Lifting Height:** Calculate the distance between the two support points (span) where the crane will be used, as well as the maximum height you need to lift objects. Ensure the crane's adjustable span and lifting height ranges cover your specific workspace dimensions. Customized options are available if standard ranges don't meet your needs.
- **Consider Power Options:** Select the power type based on your usage frequency and workload. Manual cranes are suitable for light, occasional lifting tasks; electric cranes offer higher efficiency for regular use; hydraulic cranes are ideal for heavy-duty lifting requirements.

- **Evaluate Usage Environment:** If the crane will be used outdoors or in harsh conditions (e.g., humidity, dust), opt for models with enhanced corrosion resistance and durable casters. For uneven terrain, locking or heavy-duty rubber casters provide better stability.
- **Check Safety Standards:** Ensure the crane complies with international safety standards (such as ISO) and is equipped with necessary safety features like overload protection and braking systems. This is crucial to prevent accidents and ensure workplace safety.

Why Choose Our Portable Gantry Crane?

Our portable gantry crane stands out from the competition with its exceptional quality, versatility, and customer-centric design. We offer customizable solutions to meet your specific requirements, along with comprehensive after-sales service, including installation guidance, maintenance support, and spare parts supply. Invest in our portable gantry crane today and experience the convenience, efficiency, and safety it brings to your worksite.

Portable Gantry Crane FAQ

Q1: Do I need professional personnel to assemble the portable gantry crane?

A1: No, you don't. The crane features a modular design that allows for easy assembly and disassembly without complex tools. Even a single operator can complete the setup in minutes by following the user manual. If you encounter any issues, our technical team is available to provide remote guidance.

Q2: How often should the portable gantry crane be maintained?

A2: For regular use (4-6 hours daily), we recommend monthly inspections of casters, brakes, and load-bearing components, and a comprehensive maintenance every 6 months. For heavy-duty or outdoor use, shorten the inspection interval to biweekly. Proper maintenance can significantly extend the crane's service life.

Q3: Can I customize the portable gantry crane beyond the standard parameters?

A3: Yes. We offer full customization services, including non-standard span (over 8m), lifting height (over 6m), special materials for extreme environments, and additional safety accessories. Simply provide your specific requirements to our sales team, and we will design a tailored solution for you.

Q4: Does the portable gantry crane come with safety certification?

A4: Absolutely. All our portable gantry cranes comply with international safety standards such as ISO, CE, and OSHA. Each crane undergoes strict quality testing before delivery and is accompanied by relevant certification documents to ensure compliance with workplace safety regulations.

Q5: What after-sales services are provided for the portable gantry crane?

A5: We offer a comprehensive after-sales package, including 12-month warranty (free repair/replacement for non-human damage), lifetime technical support, spare parts supply, and on-site maintenance service (available upon request). Our team is committed to solving your problems promptly to minimize downtime.

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