

Small Overhead Crane: Compact, Efficient Lifting Solution

Original link: <https://www.globalweihua.com/products/overhead-crane/small-overhead-crane/>



small overhead crane

In modern industrial and commercial environments where space is at a premium, the small overhead crane emerges as a versatile and indispensable lifting equipment. Designed to deliver reliable performance in confined areas, this crane combines compact dimensions with robust lifting capacity, making it an ideal choice for small workshops, [warehouses overhead crane](#), assembly lines, and maintenance facilities. Whether you need to move light to medium loads with precision or streamline material handling processes, our small overhead crane is engineered to meet your specific operational needs while ensuring safety and efficiency.

Small Overhead Crane Key Features & Benefits

- **Compact & Space-Saving Design:** Our small overhead crane features a slim structure with optimized span and height, allowing it to operate seamlessly in low-ceiling or narrow spaces. The lightweight yet durable main beam reduces the load on building structures, eliminating the need for extensive structural modifications during installation.
- **Precise & Smooth Operation:** Equipped with high-quality hoists and variable-speed drives, the crane enables precise positioning of loads with minimal vibration. The ergonomic control pendant or wireless remote control offers intuitive operation, reducing operator fatigue and improving work accuracy—critical for tasks like component assembly or delicate material handling.
- **Enhanced Safety Protection:** Safety is our top priority. The crane is fitted with multiple safety devices, including overload protection, limit switches (lifting height and traveling limit), emergency stop button, and anti-collision devices (optional). These features effectively prevent accidents and ensure the safety of operators and equipment.
- **Easy Installation & Maintenance:** The modular design simplifies on-site installation, saving time and labor costs. All key components are easily accessible, facilitating routine maintenance and reducing downtime. We provide detailed installation manuals and maintenance guidelines to keep your crane running at peak performance.
- **Customizable Configurations:** We understand that every application is unique. Our small overhead crane can be customized with different lifting capacities (0.5t-10t), spans (2m-12m), lifting heights, and control modes (pendant, wireless, or centralized control) to match your specific load requirements and workflow layout.

Small Overhead Crane Technical Specifications

Parameter	Specification
Rated Lifting Capacity	0.5t - 10t
Span	2m - 12m (customizable)
Lifting Height	3m - 9m (customizable)
Lifting Speed	0.8m/min - 8m/min (variable speed optional)
Traveling Speed (Crane/Trolley)	10m/min - 20m/min
Power Supply	380V/3Ph/50Hz (or customized for different regions)
Control Mode	Pendant control, wireless remote control
Protection Class	IP54 (hoist), IP44 (electrical box)

Small Overhead Crane Application Areas

Our small overhead crane is widely used in various industries due to its flexibility and efficiency. Typical application scenarios include:

- Small-scale manufacturing workshops (e.g., electronic components, precision machinery)
- Warehouses and storage facilities for loading/unloading pallets and goods
- Assembly lines for positioning parts during product assembly
- Maintenance and repair workshops for lifting engines, tools, and equipment
- Laboratories and research institutions for handling delicate instruments
- Automotive repair shops for lifting vehicle engines and transmissions

Why Choose Our Small Overhead Crane?

With years of experience in crane manufacturing, we adhere to strict quality control standards (ISO9001, CE certification) to ensure each product meets international safety and performance requirements. Our team of professional engineers provides one-stop services from design and customization to installation and after-sales support. We are committed to delivering cost-effective lifting solutions that enhance your operational efficiency and reduce material handling costs.

After-Sales Service

- Free on-site installation and commissioning by our technical team
- Operator training to ensure safe and proper use of the crane
- 12-month warranty period for main components (hoist, motor, reducer)
- 24/7 technical support and prompt supply of spare parts

If you are looking for a reliable, space-saving, and efficient lifting solution, our small overhead crane is the perfect choice. Contact us today to discuss your requirements and get a customized quote!

(注：文档部分内容可能由 AI 生成)