

3 Tons Overhead Crane

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3 Tons Overhead Crane: High-Quality Industrial Lifting Solution for Efficient Operations

Introduction to 3 Ton Overhead Crane

A 3 ton overhead crane is a versatile, industrial-grade lifting equipment designed to handle loads up to 3 tons with precision and safety. Ideal for factories, warehouses, workshops, and manufacturing facilities, this crane streamlines material handling, reduces manual labor, and boosts operational efficiency. Whether you need to move heavy machinery, raw materials, or finished products, our 3 ton overhead crane delivers reliable performance tailored to your workflow.

Key Features of Our 3 Ton Overhead Crane

Engineered for durability and safety, our 3 ton overhead crane stands out with these core advantages:

- **Robust Load Capacity:** Built to safely lift and transport loads up to 3 tons, ensuring consistent performance even in demanding industrial environments.
- **High-Strength Structure:** Constructed with premium steel beams and reinforced components, the crane resists wear, corrosion, and deformation for long-term reliability.
- **Precision Control:** Equipped with advanced hoist and trolley systems, offering smooth lifting, lowering, and horizontal movement. Variable speed options allow for precise positioning of loads.
- **Comprehensive Safety Features:** Includes overload protection, emergency stop buttons, limit switches, and anti-collision devices to prevent accidents and protect workers.
- **Easy Installation & Maintenance:** Designed for straightforward setup (with optional professional installation support) and low maintenance requirements, minimizing downtime.
- **Customizable Design:** Available in single-girder or double-girder configurations, with adjustable span lengths (3m to 30m) and lifting heights (3m to 20m) to fit your facility's layout.

3 Tons Overhead Crane Technical Specifications

Parameter	Details
Maximum Lifting Capacity	3 tons
Span Range	3m – 30m (customizable)
Lifting Height	3m – 20m (customizable)
Working Class	A5 – A6 (suitable for medium to heavy-duty cycles)
Hoist Speed	8m/min (lifting), 20m/min (trolley travel)
Power Supply	380V/3PH/50Hz (or customized for global standards)
Control System	Pendant control, remote control (optional)
Certification	CE, ISO 9001, FEM compliant

Applications: Where to Use a 3 Ton Overhead Crane

Our 3 ton overhead crane is engineered to excel in diverse industries, including:

- **Manufacturing Plants:** Moving machinery parts, assemblies, and raw materials (steel, aluminum, etc.).
- **Warehouses & Logistics:** Loading/unloading goods, organizing inventory, and streamlining storage operations.
- **Automotive Workshops:** Lifting engines, chassis components, and heavy tools.
- **Metalworking Facilities:** Handling castings, forgings, and metal sheets.
- **Construction Sites:** Lifting construction materials in indoor or covered work zones.
- **Food & Beverage Industry:** Safe transport of bulk ingredients or packaged products (with food-grade options available).

Why Choose Our 3 Ton Overhead Crane?

- **Quality Assurance:** Each crane undergoes rigorous testing (load testing, performance checks) to meet international safety and durability standards.
- **Cost-Effective:** Optimized design reduces energy consumption and maintenance costs, delivering long-term value.
- **Global Support:** We offer 24/7 technical support, on-site installation, and a 12-month warranty on parts.

- **Tailored Solutions:** Our engineering team works with you to customize the crane's span, height, and controls to match your exact needs.

Frequently Asked Questions (FAQs)

Q1: What is the difference between a single-girder and double-girder 3 ton overhead crane?

A: Single-girder cranes are lighter, more cost-effective, and ideal for smaller spans. Double-girder cranes offer higher stability and are better for larger spans or heavier duty cycles.

Q2: How often does a 3 ton overhead crane require maintenance?

A: We recommend monthly inspections (for wear parts) and annual comprehensive maintenance to ensure optimal performance.

Q3: Can the crane be operated remotely?

A: Yes, remote control systems are available as an upgrade for enhanced operator convenience and safety.

Q4: Do you provide installation services?

A: Yes, our team of certified technicians offers on-site installation, commissioning, and operator training.

Get Your 3 Ton Overhead Crane Today

Ready to enhance your material handling efficiency? Contact us now for a free quote, technical consultation, or to discuss custom specifications. Our 3 ton overhead crane is built to elevate your operations—safely, reliably, and cost-effectively.

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