

80 Tons Crane Hook - Premium Quality & High Reliability Lifting Component

Original link: <https://www.globalweihua.com/crane-hook/80-tons-crane-hook/>



80 tons crane hook

As a high-performance core lifting component, our 80 tons crane hook is specifically engineered for seamless adaptation to [overhead cranes](#) and [gantry cranes](#)—two of the most

widely used heavy-lifting equipment in industrial settings. Boasting exceptional load-bearing capacity, robust structural stability and reliable safety performance, this crane hook is crafted from high-grade materials via advanced manufacturing processes. It excels in handling rigorous heavy-lifting tasks, providing a secure and efficient lifting solution for overhead crane and gantry crane operations, thus becoming an indispensable accessory in your industrial lifting workflow.

80 Tons Crane Hook Core Features & Advantages

- **Superior Load-Bearing Capacity:** Specifically rated for 80 tons working load limit (WLL), the [crane hook](#) is meticulously designed to evenly distribute stress, ensuring reliable performance even under maximum load conditions. It undergoes strict load testing to meet international safety standards, eliminating the risk of overload failure.
- **High-Quality Forged Steel Construction:** Made from premium alloy forged steel, the hook boasts excellent toughness, wear resistance, and impact resistance. The forging process enhances the material's internal structure, making it more durable than cast alternatives and capable of withstanding harsh working conditions such as high temperatures, humidity, and heavy friction.
- **Safety-Centric Design:** Equipped with a built-in safety latch (also known as a closing pin), the hook prevents the lifted load from slipping off during operation, significantly improving lifting safety. The latch is made of wear-resistant materials and features a flexible spring mechanism for smooth opening and closing, ensuring secure engagement at all times.
- **Precision Machining & Surface Treatment:** The hook's contact surfaces are precision-machined to ensure a smooth fit with lifting slings, chains, or other rigging accessories, reducing wear on both the hook and the rigging. The surface is treated with anti-corrosion coatings (such as galvanization or powder coating) to resist rust and corrosion, extending the product's service life in outdoor or corrosive environments.
- **Universal Compatibility:** Designed with standard connection dimensions, the 80 tons crane hook is compatible with most types of overhead cranes, gantry cranes, jib cranes, and other lifting equipment. It can be easily installed and replaced, minimizing downtime for your operations.



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80 Tons Crane Hook Technical Specifications

Parameter	Specification
Working Load Limit (WLL)	80 Tons
Material	Alloy Forged Steel (e.g., 20Mn2, 35CrMo)
Hook Type	Single Sheave / Double Sheave (Optional)
Safety Latch	Spring-Loaded Safety Latch (Standard)

Surface Treatment	Hot-Dip Galvanization / Powder Coating / Black Oxide
Standard Compliance	ISO 16852, GB/T 10051, DIN 15401
Hook Opening	Customizable According to Requirements
Weight	Customizable According to Design

Applicable Scenarios

Our 80 tons crane hook is widely used in heavy-industry scenarios that require safe and efficient lifting of large loads, including:

- Port and shipping yards (lifting containers, bulk cargo, and ship components)
- Steel mills (handling steel ingots, coils, and finished steel products)
- Construction sites (lifting precast concrete components, steel structures, and heavy machinery)
- Mining and metallurgy industry (lifting ore, equipment, and raw materials)
- Power plants (installing and maintaining heavy equipment such as boilers and generators)
- Heavy machinery manufacturing (assembling large mechanical components)

Quality Assurance & After-Sales Service

We adhere to strict quality control standards throughout the entire production process of the 80 tons crane hook. Each hook undergoes non-destructive testing (NDT), including ultrasonic testing and magnetic particle testing, to detect hidden defects and ensure product integrity. All products are certified to international safety standards, providing you with a reliable and safe lifting solution.

In addition, we offer comprehensive after-sales service, including:

- Professional technical consultation to help you select the right product for your needs
- Customized design and manufacturing services to meet special application requirements
- Prompt delivery and logistics support to ensure timely supply
- After-sales maintenance and repair guidance to extend the product's service life

Invest in our 80 Tons Crane Hook to ensure safe, efficient, and reliable heavy-lifting operations. Contact us today for a detailed quote and technical specifications tailored to your needs!

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