

New Product

6000W Continuous Laser Cleaning Machine



Product Features



Stable Performance



High Efficiency



Low Failure Rate



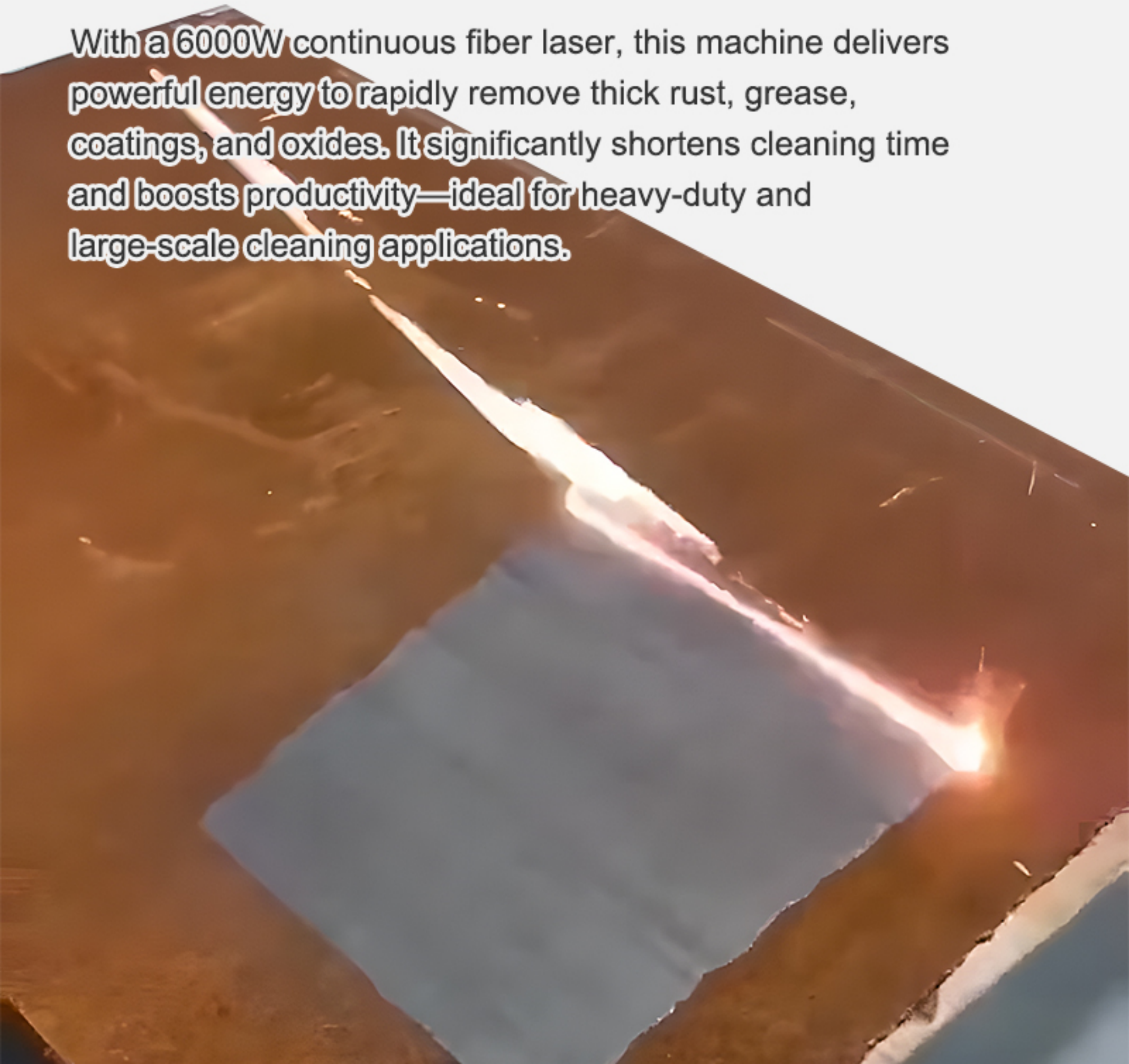
Wide range of applications

Product Advantages

High Power Output for Exceptional Cleaning Efficiency

01

With a 6000W continuous fiber laser, this machine delivers powerful energy to rapidly remove thick rust, grease, coatings, and oxides. It significantly shortens cleaning time and boosts productivity—ideal for heavy-duty and large-scale cleaning applications.



Large Cleaning Width Up to 500mm Coverage

02

The wide 500mm cleaning range allows for efficient treatment of large surfaces, minimizing the need for repeated passes and maximizing operation speed.



Equipped with Balancer Arm Reduces Gun Weight

03

The cleaning gun is supported by a balancer arm, effectively reducing the load on the operator's hand and arm. This ergonomic design enables long-duration operation with reduced fatigue and enhanced safety.



Smartphone Control Remote and Convenient

04

The system can be operated via a mobile phone app, allowing easy remote control and parameter adjustment. The user-friendly interface enhances flexibility and smart operation.



Stable System for Long-Term Continuous Operation

05

Equipped with a high-quality laser source and advanced cooling system, the machine remains stable under high power and supports extended cleaning sessions.



Built-in Safety Lock and Remote Laser Control

06

The system is equipped with a safety interlock switch and remote laser on/off function to ensure safe operation, prevent accidental triggering, and enhance onsite safety management.



Intelligent Handheld Cleaning Head

- Intelligent optical path protection system, real-time monitoring of the working status.
- High-value optical components, better cleaning effect.
- Water-cooled design of the whole body, more durable stability.
- Multiple safety locks, high safety performance.
- Ergonomic double grip design, comfortable to hold, easy to grasp.
- Support cell phone APP one-key interconnection.



Compatible with Various Materials and Complex Surfaces

Suitable for cleaning metals, stone, concrete, and more—without the need for chemicals. It's eco-friendly and applicable in a wide range of industrial cleaning tasks.



Product Details



15m fiber cable(customizable)

Larger range of activities,
convenient cleaning.

Universal casters

Flexible and durable, self-locking
and silent.



Standardize wiring

The selection of components
has been scientifically calculated
and the layout is reasonable.
Clear identification for easy
maintenance.

Our technical strength

Through multiple rigorous tests in the industry

Reliable, stable, and durable quality



High Temperature Test



Vibration Testing



Fatigue Testing



Cable Bending Test



High Humidity Test



Anti Interference Testing



*The above is only a partial test

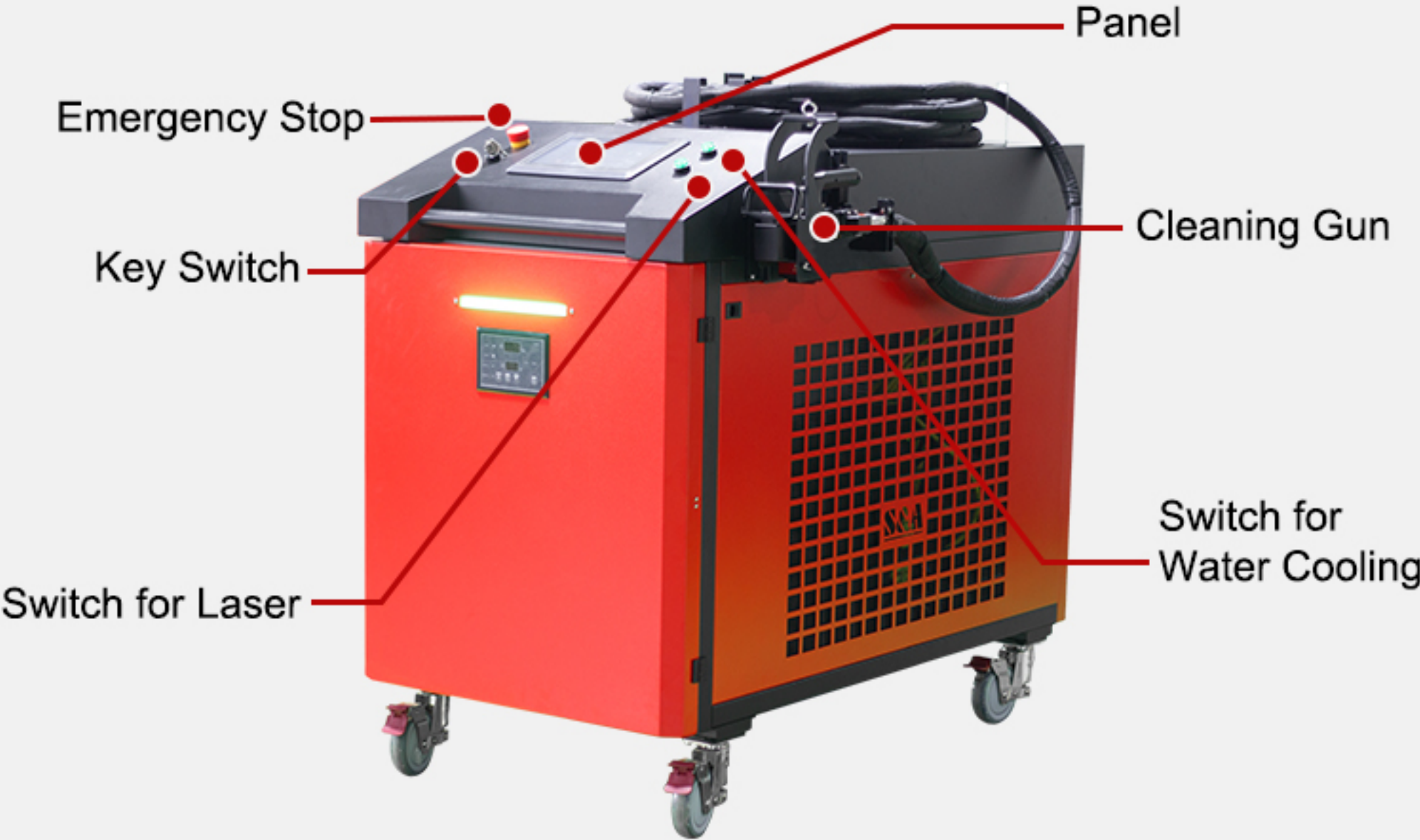
Product Information



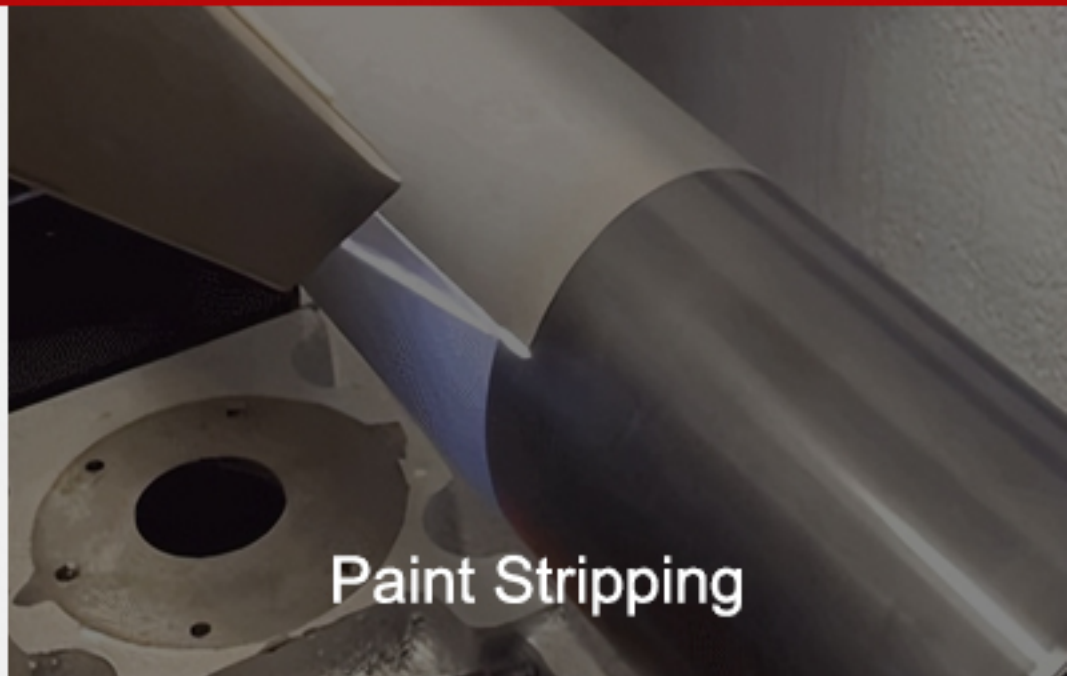
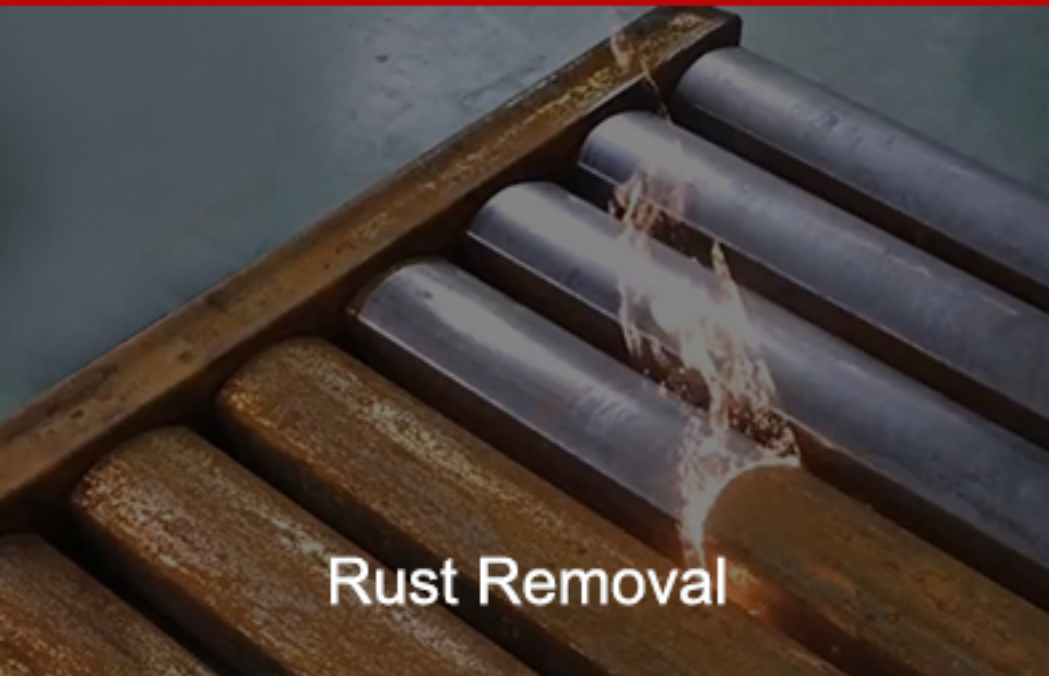
Technical Parameters

Model	JSY-FL-C6000	Laser Power	6000W
Cleaning Head Wight	3 kg	Laser Wavelength	1064nm
Touch Screen	7 inches	Swing Width	500mm
Cooling Method	Water cooling	Operating Humidity	10%-85%
Working Temperature	0°C ~ 40°C	Machine Weight	270kg
Storage Temperature	-10°C ~ 60°C	Machine Size	140*73*120 cm
Focal Length	1800mm	Fiber Cable Length	15 meters
Power Comsumption	25 KW	Working Voltage	Three-phase 380V

Functional Details



Application



Company Certificate



Our Commitment



All products are in line with manufacturer's requirements and national or industry standards.



When you need us, we will respond within 2 hours to provide timely and effective after-sales service.



From product design, production, commissioning to after-sales service, we strictly comply ISO9001-2015 standards to ensure the normal operation of equipment.



Our pre-sales, sales, after-sales personnel have the corresponding professional quality, can do our best to solve the practical problems.

