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Laser Rust Removal Machine 2000W

Laser rust removal machine Laser is a new generation of high-tech surface cleaning products. Installation and operation are very easy. No chemical reagents, no media, no dust and no water cleaning, auto focus, suitable for crank surface cleaning, high surface cleanliness and other advantages.

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Product Description

Rust Cleaning Laser Description:

The 2000W Rust Cleaning Laser is small and portable, the cleaning process is very simple and rapid, the compact and push-able design can meet your needs for dust cleaning anywhere; and you can adjust the laser scanner from 1mm to 150mm according to different cleaning area.

Safe And Environmental Protection

Hand-held Laser Cleaning Machine

1000W / 1500W / 2000W (Customizable)



Non-contact cleaning



Precise positioning cleaning



Easy to operate without
disassembly and handling of molds





Touch screen settings panel
and Operation button



A: Dual axis cleaning head



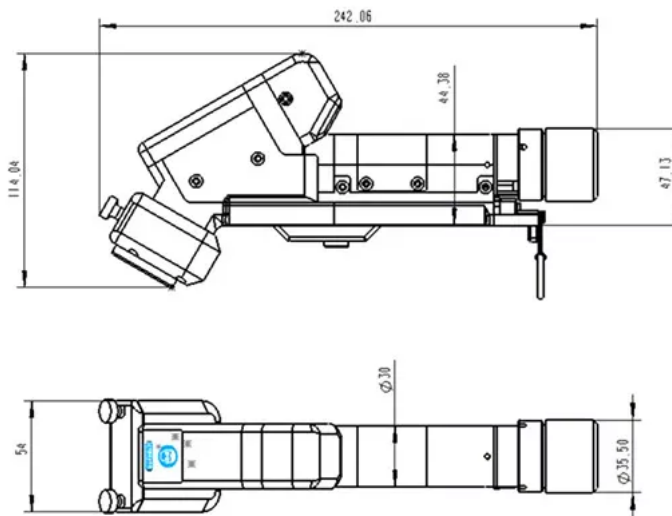
B: Single shaft cleaning head

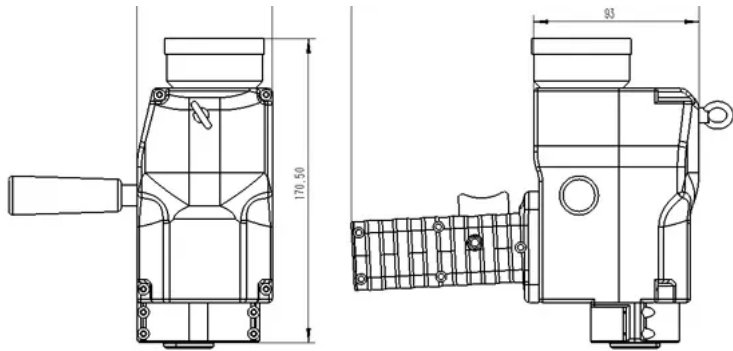
Laser Source

The laser adopts water-cooled heat dissipation and rack-mounted chassis design. It has many advantages such as high electro-optical conversion efficiency, low energy consumption, compact structure, adjustment-free maintenance, and easy integration for customers. It is industrial laser cleaning and other Ideal light source for application.

HANLI Chiller

1. The cooling capacity is up to 1400W, and environmentally friendly refrigerants can be used;
2. Small size, long life and durable, easy to operate;
3. The temperature control accuracy can reach $\pm 0.3^{\circ}\text{C}$;
4. The intelligent thermostat has two temperature control modes, which are suitable for different use occasions; it has a variety of settings and fault display functions;
5. With multiple alarm protection functions





A: Dual axis cleaning head

Laser Rust Remover Features:

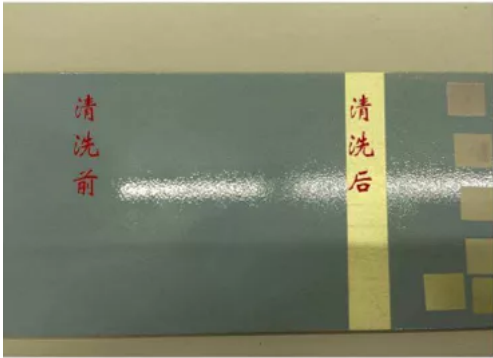
- 1、 Non-contact is cleaning, does not damage the parts substrate ;
- 2、 Precise cleaning, can achieve selective cleaning of precise position and precise size ;
- 3、 No need for any chemical cleaning fluid, no consumables, safe and environmentally friendly ;
- 4、 Simple operation, just power on, can be hand-held with the robot to achieve automatic cleaning ;
- 5、 High cleaning efficiency, save time ;
- 6、 The laser cleaning system is stable and requires almost no maintenance.

Laser rust removal machine Parameters:

Model	iGCL-HC
Out Method	(CW) Continuous Wave
Operation method	Handheld/Automated
Able to withstand laser average power	≤2000W
Operating mode	7 types: straight line, rectangle, sine, double helix, circle, ring, free mode
Ranging function	The setting range is 0-1000mm
Light passing rate	≥98%
Laser power adjustment	10%-100% continuous gradient adjustable
Washing head weight	< 1.2Kg (Without QBH)
Scan width	0-300mm
Scanning frequency	Not less than 300Hz
Max. scanning line speed	Max. 20m/s
Screen	Cabinet standard 7 inches + cleaning head standard 2.8 inches
Cable length	10 meters (can customizable 20 meters)

Laser Cleaning Machine Advantage:

- 1、 No consumables, no chemical pollution, no noise, energy-saving power
- 2、 It can clear the pollution particles below the nanometer level and have high cleanliness
- 3、 Fiber optic transmission can move operation, can clean the area which is not easy to reach
- 4、 Laser cleaning can solve the problems that traditional cleaning methods can not solve
- 5、 Wide application materials scope



Panel paint removal



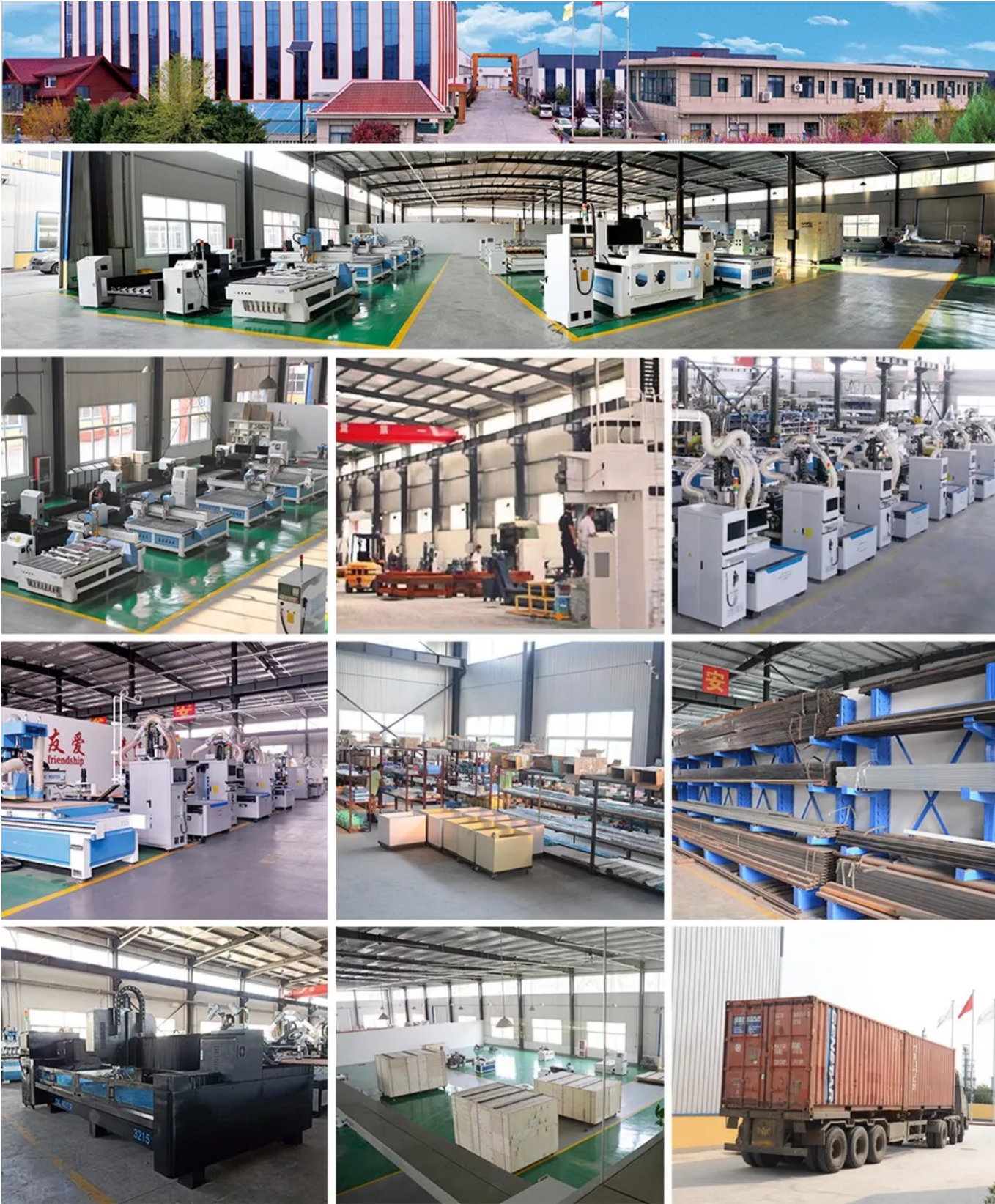
Derusting parts



Weld cleaning



Mold degreasing



Previous: Handheld Fiber Laser Cleaning Machine

Next: Robot Laser Welding Machine System

Laser Rust Removal Machine

Rust Cleaning Laser

laser rust remover

Laser Cleaning Machine

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Shandong iGolden CNC is a solution supplier of CNC application with key technology and independent intellectual property rights.

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