

CLEANING LASER

Remove the oxide layer, rust, oil, paint. The laser can vaporize and disintegrate the oxide layer until it is peeled off the surface of the substrate, effectively removing impurities. All coatings on the substrate can be removed at one time, and selective layer-by-layer removal can be achieved through parameter adjustment, precise control of cleaning precision and reproducibility, to achieve precision cleaning.

Application field

1. Removal of surface coating on metal or work-piece;
2. Quickly remove rust, oxide scale and dry paint;
3. Remove resin, grease, residual glue, dust, dirt, and production residues;
4. Coarse metal surface treatment;
5. Dry paint before welding or bonding, remove rust, oil stains, residual glue, and residual glue after welding;
6. Mold cleaning, such as tire molds, electronic molds, and food molds;
7. Dirty oil removal after the production and processing of precision parts;
8. Nuclear power components are quickly cleaned during maintenance
9. Oxidation treatment and rust removal during the production or maintenance of aerospace weapons and ships
10. Cultural relic cleaning, outside the building

Operating Environment

Supply Voltage: Single-phase 220V/110V \pm 10%, 50/60Hz AC

Whole machine power consumption: 500W / 2500W

Place the environment: flat, no vibration, no impact

Working temperature: 0°C ~ 40°C

Working environment humidity: \leq 80%



100W



20W-50W



1000W-1500W



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Precautions

In the process of use, the laser head is forbidden to face people to avoid any injury. Handling with care to avoid lens breakage.

Supply

Electrical Requirements: 220V/110V, Single phase, 50-60kHz

System Operation: Windows 10

Environment Temperature: 10°C~35°C

Environment Humidity: 20%-30%

Certifications

CE, FDA, UKCA

20W-50W



100W



1000W-1500W



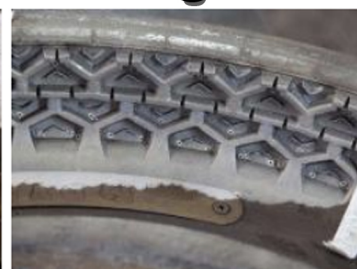
Surface treatment of laser rust cleaning machine



Surface steel preparation



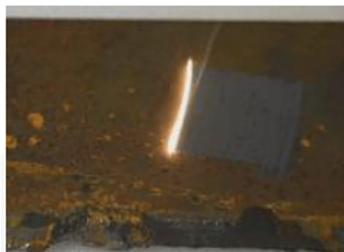
Rusting and oxidation



Galvanized zinc dyeing



Graffiti and sandstone



Stainless steel corrosion



Laser paint removal



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