
50W 70W 100W 200W 500W 1000W fiber Laser Cleaning Machine Metal Rust Oxide Painting Coating Graffiti Removal Laser Machine



Laser cleaning equipment is a new generation of high-tech products for surface treatment, which is easy to install, control and automate.

It is simple to operate, powered on and ready for chemical-free, media-free, dust-free and water-free cleaning. It can be fitted to curved surfaces and has a high degree of surface cleanliness, removing resins, paints, oils, stains, dirt, rust, coatings, plating and oxidation layers from the surface of objects, and is used in a wide range of industries, including marine, automotive, rubber moulds, high-end machine tools, rail and environmental protection.



Product Features

1. Non-contact cleaning without damage to the part substrate;
2. Precise cleaning, selective cleaning in exact position and size;
3. No chemical cleaning solution required, no consumables, safe and environmentally friendly;
4. Easy to operate, can be hand-held or automated with a robot;

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- 5. The ergonomic design reduces labour intensity;
 - 6. High cleaning efficiency and time saving;
 - 7. The laser cleaning system is stable and virtually maintenance-free;
 - 8. Optional mobile battery module available.

Product parameters



| Model | LM50 | LM100 | LM200 | QA-LC5 |
|---------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Laser source | Max Fiber | Max Fiber | Max/Raycus Fiber | Max/Raycus |
| Laser Power | 50W | 100W | 200W | 500W |
| Fiber cable L | 3 M | 3 M | 5 M | 20M |
| Pulse Energy | 1.5 mj | 1.5 mj | 1.5/5 mj | 100 mj |
| Wavelength | 1060nm | 1060nm | 1060nm | 1060nm |
| Frequency | 30-80 KHz | 20-200KHz | 30-200KHz | 2-50KHz |
| Clean speed | ≤ 5 M ² /Hour | ≤ 10 M ² /Hour | ≤ 15 M ² /Hour | ≤ 50 M ² /Hour |
| Scann speed | 0-7000mm/s | 0-7000mm/s | 0-7000mm/s | 0-7000mm/s |
| Cooling | Air cooling | Air cooling | Air/Water cooling | Water cooling |
| Dimension | 630*940*600 | 630*940*600 | 630*940*600 | 630*940*600 |
| Weight | 120Kg | 130Kg | 180Kg | 260Kg |
| Beam width | 10-70mm | 10-70mm | 10-100mm | 10-170mm |
| Optional | Manual | Manual | Manual | Manual |
| Temperature | 5-40 °C | 5-40 °C | 5-40 °C | 5-40 °C |
| Voltage | Single Phase 220/110V, 50/60HZ |

Product details



Handheld Cleaning Gun

Hand-held design, ergonomic and easy to handle, with precise control to avoid "accidental cleaning"



High Power Continuous Lasers

Adopt Raycus high power continuous laser, high sustainability and long service life.



Industrial water chiller

Adopting the industry's advanced water chiller, supplemented by temperature control system, with double guarantee.



Powerful laser cleaning system

The interface is clear and simple, easy to operate, with a wide range of adjustable parameters to enable control of the laser.

Sample Show



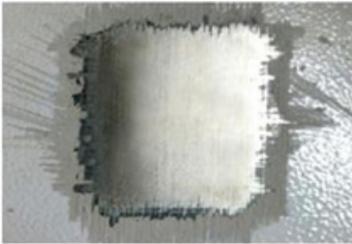
Surface rust removal



Carbon steel descaling



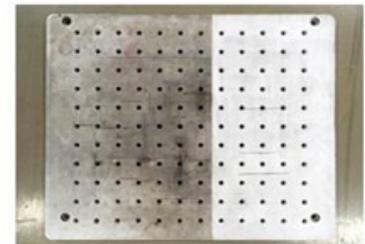
Weld cleaning



Paint stripping from
metal surfaces



Steel pipe paint removal



Aluminum plate surface
cleaning oxide film

Product

link :

<https://www.goldmarklaser.com/50w-70w-100w-200w-500w-1000w-fiber-laser-cleaning-machine-metal-rust-oxide-painting-coating-graffiti-removal-laser-machine.html>