

Laser Cleaning Machine for Rust Removal



Introduction:

Laser cleaning equipment is a new generation of industrial surface cleaning laser system. It adopts the advanced laser source, laser optical scanners and control system to meet the requirements of metal surface cleaning process. It can be customized according to customer requirements to develop a dedicated cleaning system. Widely used for the surface laser degreasing, laser paint removal, laser removal of zinc, laser film removal, laser cleaning, such as coating, etc

Features:

1. Laser cleaning has no grinding, non-contact, no thermal effect and suitable for various materials, etc.
2. Rapid, clean and accurate cleaning, removal of surface coatings, coatings, oxide;
3. No damage to substrate;
4. High cleaning precision, strong control ability
5. Can be used for a long time, low operating costs;
6. The device can realize automatic operation and simple operation;
7. Environmentally friendly, no supplies, no two pollution

Specifications:

Model	QA-LC60
Laser source	Fiber
Laser Power	60W
Fiber cable length	3 meters
Laser Wavelength	1060nm
Pulse Energy	1.5 mJ
Pulse frequency	20-100KHz
Scanning speed	0-7000mm/s
Cooling	Air cooling
Dimension	500*330*450 mm
Weight	30Kg
Beam width	10-110mm
Optional	Manual
Temperature	5-40 °C
Voltage	Single Phase 110V/220V, 50/60HZ

Application scope:

Metal workpiece laser derusting, degreasing, laser paint removal, laser removal of zinc and film, laser coating removal, widely used in aerospace, mold, microelectronics, construction, nuclear power plants, automobile manufacturing, medical, military etc.

Sample:



QA-LC100 Mini Type:



QA-LC200 200W fiber laser:



QA-LC500D 500W diode laser:



QA-LC1000 high power:



Video link:

20W: <https://www.youtube.com/watch?v=x2tz-18epfo>

60W: <https://www.youtube.com/watch?v=qJj4JBHpZnQ>

100W: <https://www.youtube.com/watch?v=HTUYXRgL3uw>

200W: <https://www.youtube.com/watch?v=fHhI6Rapy0M>

500W: <https://www.youtube.com/watch?v=M73YJUMO4WQ>