

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

Characteristic:

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

Technical data:

Model	QA-LC500
Laser source	Fiber
Laser Power	500W
Fiber cable L	15M
Pulse Energy	50 mJ
Wavelength	1060um
Frequency	10-50KHz
Clean speed	≤60 M ² /Hour
Scann speed	0-7000mm/s
Cooling	Water cooling
Dimension	900*800*1300
Weight	300Kg
Beam width	10-110mm
Optional	Manual
Temperature	5-40 °C
Voltage	Single Phase 220V, 50HZ

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-LC60 Portable 60W Demo:



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=HTUYXRqL3uw>

200W: <https://www.youtube.com/watch?v=fHHl6Rapy0M>

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