

# Laser Cleaning Machine for Rust Removal 100W



## 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-LC100
Laser source	Fiber
Laser Power	100W
Fiber cable length	3 meters
Laser Wavelength	1060um
Pulse Energy	1.5 mJ
Pulse frequency	50-200KHz
Scanning speed	0-7000mm/s
Cleaning speed	≤15 M <sup>2</sup> /Hour
Cooling	Air cooling
Dimension	500*330*450 mm
Weight	35Kg
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-LC1000 High power:



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=HTUYXRgL3uw>

**200W:** <https://www.youtube.com/watch?v=fHHI6Rapy0M>

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