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Wuhan Questt Asia Technology Co., Ltd

# 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





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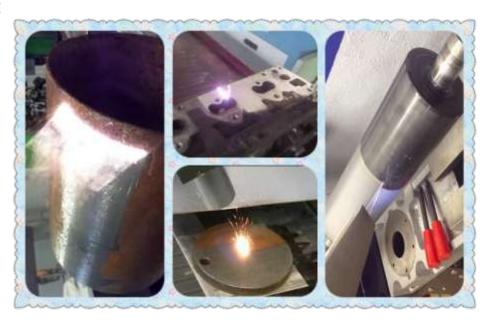
### Technical data:

| 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 M²/Hour             |
| Scann speed   | 0-7000mm/s              |
| Cooling       | Water cooling           |
| Dimension     | 900*800*1300            |
| Weight        | 300Kg                   |
| Beam width    | 10-110mm                |
| Optional      | Manual                  |
| Temperature   | 5-40 ℃                  |
| 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:









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# 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=HTUYXRgL3uw 200W: https://www.youtube.com/watch?v=fHHI6Rapy0M 500W: https://www.youtube.com/watch?v=M73YJUMO4WQ