

## Backpack Laser Cleaning Machine



### Introduction:

The Backpack Laser Cleaning Machine is a high technology product for non- contact laser cleaning. It can remove the grease, dirt, coating, paint, rust, residue, oxide layer, and other target materials with high efficiency, high performance, low cost and without harm to the base material. It can meet the cleaning requirements of complex modeling and fine positioning in the industrial processing field, achieving a cleaner cleaning effect and a lower overall production cost. It is widely used in industrial area, such as automotive, mechanical, food processing, electronics, historic conservation, ship-building and power generation, 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;
3. No damage to substrate;
4. High cleaning precision, strong control ability;
5. Can be used for a long time, low operating costs;
6. Light to carry on shoulder for outside high position cleaning work;
7. Environmentally friendly, no pollution

## Specifications:

Model	QA-LC20B	QA-LC50B	QA-LC100B
Laser source	Fiber	Fiber	Fiber
Laser Power	20W	50W	100W
Fiber cable length	2 meters	2 meters	2.5 meters
Laser Wavelength	1064nm	1064nm	1064nm
Pulse Energy	0.6 mJ	1 mJ	1.5 mJ
Pulse frequency	30-60KHz	1-2000KHz	1-2000KHz
Scanning speed	0-7000mm/s	0-7000mm/s	0-7000mm/s
Cooling	Air cooling	Air cooling	Air cooling
Dimension	400*180*450 mm	400*180*450 mm	500*200*550 mm
Weight	18Kg	20Kg	36Kg
Beam width	10-70mm	10-70mm	10-100mm
Optional	Manual	Manual	Manual
Temperature	5-40 °C	5-40 °C	5-40 °C
Voltage	Single Phase 220V, 50/60HZ	Single Phase AC 220V,2.5A	Single Phase AC 220V 4.5A

## 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:

