

ICLEANer Handle Fiber Laser Cleaning Machine

PRODUCT DESCRIPTION

CINA LASER cleaning equipment is a new generation of surface treatment high-tech products, which are easy to install, operate and automation. Simple operation, turn on the power, turn on the equipment, you can clean without chemical reagents, media, and water. The focus can be adjusted manually, and the surface can be cleaned. The cleaning surface has a high degree of cleanliness, which can remove resin, paint, oil, stains, dirt, rust, coating, plating and oxide layer on the surface of objects. It is widely used in the industry, covering ships, auto repair, rubber molds, high-end machine tools, railroads, and environmental protection.

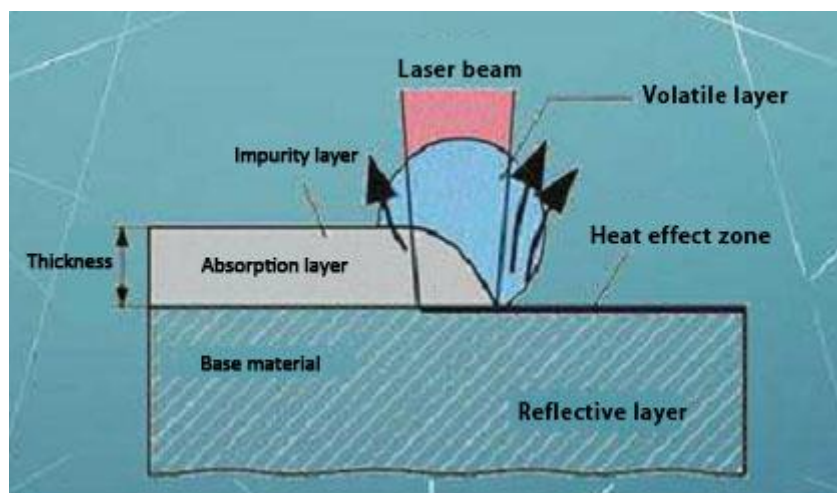
Laser cleaning technology uses high-energy laser beams to irradiate the surface of the workpiece to instantly evaporate or peel off the dirt, rust or coating on the surface, and effective removal of attachments or coatings on the surface of cleaning objects, so as to achieve the clean process. It is a new technology based on the interaction between laser and matter.

PRODUCT FEATURE

- ▶ High cleanliness
- ▶ Precise positioning cleaning
- ▶ Non-contact cleaning to protect surfaces of brittle materials
- ▶ Effectively remove micron contaminated particles
- ▶ Environmental protection, no consumables



Schematic diagram



MAIN APPLICATION



Plate paint removal



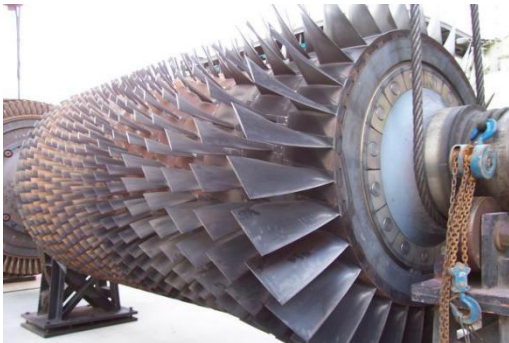
Parts derusting



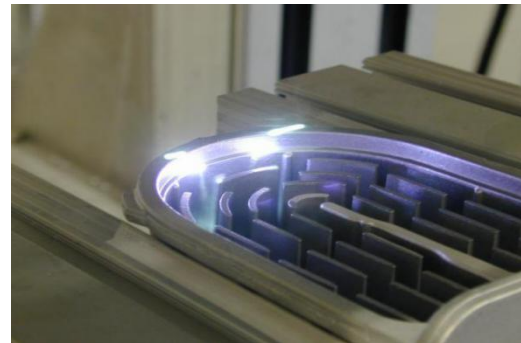
Welding line cleaning



Mold oil removal



Rotor blade derusting



Parts remove oxide film



High-speed rail derusting



Gear decontamination

TECHNIQUE INDEX

ICLEANer			
Model	ICLEANer-1000	ICLEANer-1500	ICLEANer-2000
Output Power	1000W	1500W	2000W
Laser Wavelength	1080±5nm		
Working Mode	Continuous / Modulated		
Power Adjustment Range	10~100%		
Fiber Core Diameter	50(25,100,200Optional)		
Targeting Positioning	Red Light		
Fiber Length	10m		
Focused Focus	400mm		
Cooling Method	Water Cooling		
Working Environment	10~40°C、Humidity10~85%、No Condensation		
Power Rating	4KW	6KW	8KW
Operating Voltage	380±10%VAC、50/60Hz		
External Dimension	1050X540X1050mm		
Weight	170kg		