

LASER CLEANING MACHINE FOR RUST DUST REMOVE/SKIN PEELING/SURFACE REPAIR
CKD-PLFC-1000, V19.10

APPLICATION OF LASER CLEANING MACHINE

Laser cleaning has the characteristics of non-grinding and non-contact. It can not only be used to clean organic pollutants, but also inorganic substances, including metal corrosion, metal particles, dust, etc.

1000W / 1500W
CW FIBER LASER



ADVANTAGES OF LASER CLEANING MACHINE

- (1) **Non-contact cleaning**, no damage to under layer of workpiece.
- (2) **Easy to operate**, aim the gun to material, press the trigger to shot laser.
- (3) Precision positioning, **selective cleaning**.
- (4) **No need chemical detergent**, no consumable. Safe and Environment-friendly.
- (5) **High cleaning efficiency**, time-saving.
- (6) **Stable** laser cleaning system, free maintenance.



Before cleaning

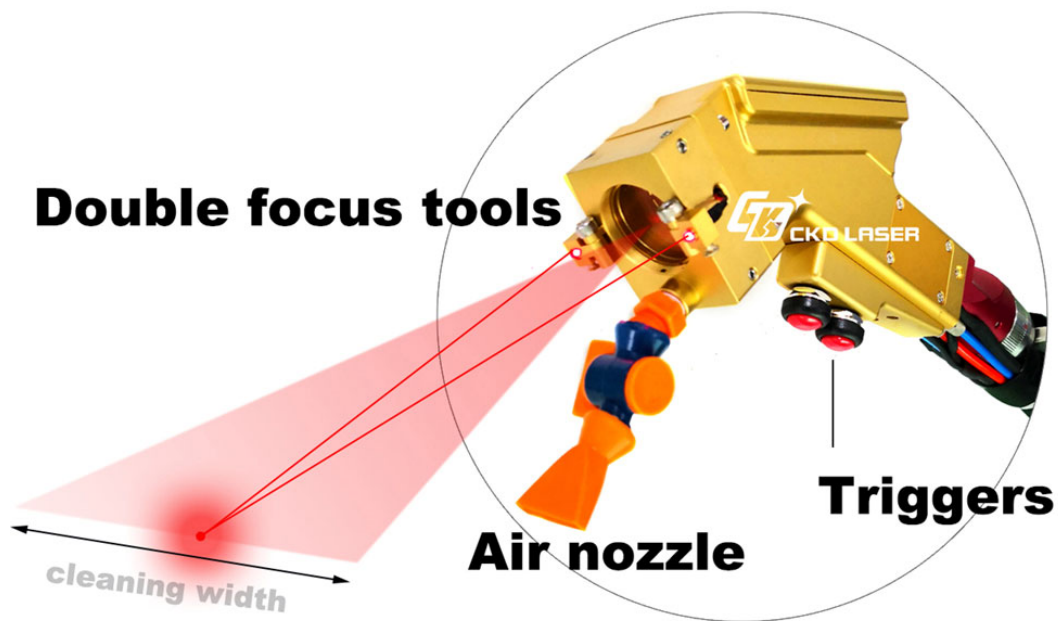
After cleaning

Laser cleaning machine can be used in industries of aviation, ship, cultural relic protection, car week, food, track, rubber mold and so on.



With mini laser gun, only 0.7Kg, reduce the burden on operators.

With 8 meter long fiber cable, laser cabinet is with wheels, easy to move around, flexible operation.



With double LED focus tools, it's right focus when the overlap, then press the triggers to shot laser.

With air nozzle to blow away dust during cleaning.



7 LANGUAGES

Chinese, English, Russian Spanish, Korean, Japanese and Vietnamese.

With supporter to avoid fiber cable to be bent too much, keep the fiber cable safety.



With coiled shaft on the top of the machine, which is convenient to collect fiber cable when don't use.



Built-in water chiller inside the machine, avoid dust pollution and free from installation.

CONFIGURATION OF 1000W AND 1500W

Operating mode	Continuous/Modulation	
Type	CKD-PLFC-1000	CKD-PLFC-1500
Power of laser source (W)	1000	1500
Laser wavelength (nm)	1080±5	
Beam quality (M2)	<1.4	
Power adjustable range (%)	5-100	
Fiber cable (m)	8m	
Cooling modle	Water cooling	
Working temperature (°C)	15-35	
Focal length (mm)	350	
Cleaning scope (mm)	1-50	
Whole machine power (Kwh)	<1.5KW	<2KW
Working temperature	5°C-40°C	
Relative humidity	90%No condensation	
Surroundings	Ventilated, no impact within 5 meters	
Electricity	220V±5%, 50Hz	