



Advanced Industrial Laser
Cleaning with Precision

NCL-1800

1800W CONTINUOUS WAVE LASER CLEANING MACHINE



Safe and Efficient

No abrasives, no chemicals, no secondary waste.

Versatile Applications

Clean substrates and parts with different sizes, shapes & complexities.

User Friendly

Intuitive controls and lightweight cleaning head for flexibility.

Highly Adaptable

Multiple scanning modes, adjustable settings and focus indication.

INDUSTRIES

- Aerospace
- Art & Heritage
- Automotive
- Construction
- Defense
- Electronics
- Energy
- Food
- Manufacturing
- Medical Equipment
- Metal Processing
- Marine
- Structural
- Rail

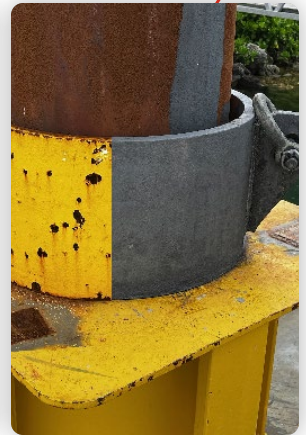
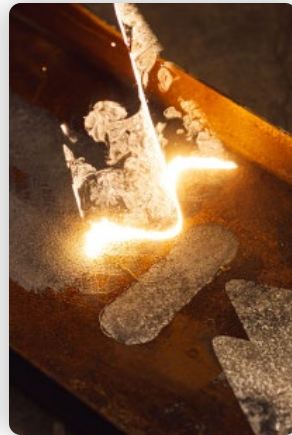
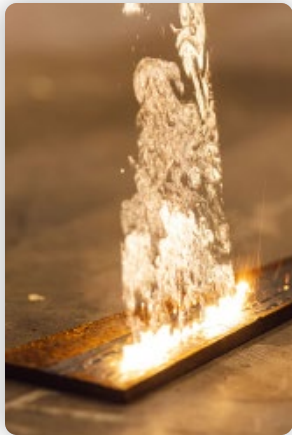
APPLICATIONS

- General Cleaning & Surface Decontamination
- Rust, Corrosion, Oxide, Paint & Coatings Removal
- Degreasing and Surface preparation
- Industrial Maintenance
- Pre & Post Welding treatment, NDI / NDT

**Contact us today for a
free consultation.**

NUWAVELASER.COM | (210) 987-5671

Nuwave NCL-1800 Laser Cleaning Machine



SYSTEM SPECS

Max Power	1800 W
Laser Safety Class	Class IV
Wavelength	1080 nm
Laser Type	Continuous Wave
Scan Mode	Single Axis
Max Scan Width	300 mm / 11.8 in
Cable Length	10-15 m
Equipment Weight	99.2 lbs
Equipment Dimensions	L: 26.2" x W: 13" x H: 23"
Operating Temperature	5 °F - 104 °F
Power Requirements	220 VAC ± 10%, 1-PH, 60 Hz
Power Consumption	7 KW @ 32 A @ 25 °C / 77 °F
Supply Air Pressure	44-120 PSI, Clean Compressed Air
Cooling System	Air-Cooled
External Control	Capable
Safety Features	Emergency Stop, Key Turn, Dual Firing Trigger, Interlock Capable

MATERIALS

- Aluminum
- Adhesive Residues
- Brick
- Brass
- Carbon Fiber
- Cast Iron
- Ceramics
- Concrete
- Copper
- Fiberglass
- Iron (Steel, Carbon Steel, Stainless Steel)
- Limestone
- Metal Alloys
- Metal Oxide Layers
- Mold Cleaning
- Mold Remediation
- Moss, Algae, and Biofilms
- Nickel
- Oil and Grease Residues
- Paint & Coatings
- Plastics
- Stone
- Titanium
- Wood
- Zinc

SPEAK WITH AN EXPERT TODAY

Contact us today for a consultation to optimize your operations.

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NUWAVE
LASER

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