



Advanced Industrial Laser
Cleaning with Precision

NPL-500

500W PULSE 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

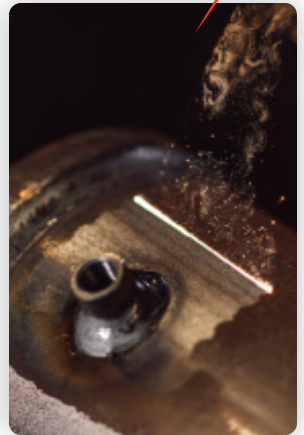
APPLICATIONS

- 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 NPLW-500 Laser Cleaning Machine



SYSTEM SPECS

Max Power	500 W
Laser Safety Class	Class IV
Wavelength	1064 nm
Laser Type	Pulse Wave - Top Hat
Single Pulse Energy	15 mj
Scan Mode	Dual Axis - 8 scan patterns
Max Scan Width	110 mm / 4.3 in
Cable Length	5 m / 16.4 ft
Equipment Weight	55.8 kg / 123 lbs
Equipment Dimensions	L: 30" x W: 17" x H: 26"
Operating Temperature	0-40 °C / 32-104 °F
Power Requirements	220 VAC ± 10%, 1-PH, 60 Hz
Power Consumption	≤4 kW @ 13 A @ 25 °C / 77 °F
Supply Air Pressure	60-85 psi, clean compressed air or Nitrogen
Cooling System	Air Cooled
External Control	Remote Capable
Safety Features	Double Activation, Enable Button, Emergency Stop

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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