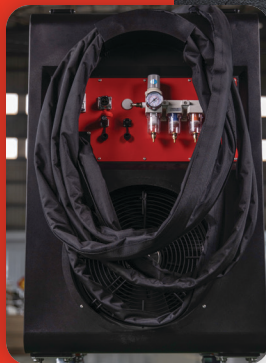




Advanced Industrial Laser  
Cleaning with Precision

NPLW-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

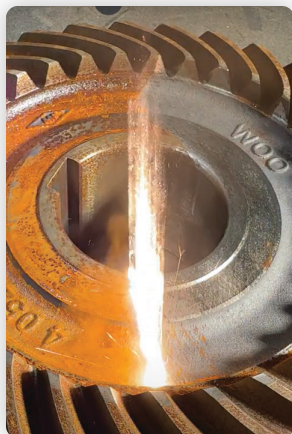
- General Cleaning & Surface Decontamination
- Rust, Corrosion, Oxide, Paint & Coatings Removal
- Degreasing and Surface preparation
- Industrial Maintenance
- Pre & Post Welding treatment, NDI / NDT

Contact us today for a  
free consultation.

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# Nuwave NPLW-500 Laser Cleaning Machine



## SYSTEM SPECS

<b>Max Power</b>	500 W
<b>Laser Safety Class</b>	Class IV
<b>Wavelength</b>	1064 nm
<b>Laser Type</b>	Pulse Wave - Top Hat
<b>Single Pulse Energy</b>	15 mj
<b>Scan Mode</b>	Dual Axis - 8 scan patterns
<b>Max Scan Width</b>	110 mm / 4.3 in
<b>Cable Length</b>	10 m / 32.8 ft
<b>Equipment Weight</b>	175 kg / 386 lbs
<b>Equipment Dimensions</b>	L: 38" x W: 30" x H: 44"
<b>Operating Temperature</b>	0-40 °C / 32-104 °F
<b>Power Requirements</b>	220 VAC ± 10%, 1-PH, 60 Hz
<b>Power Consumption</b>	≤5 kW @ 23 A @ 25 °C / 77 °F
<b>Supply Air Pressure</b>	60-85 psi, clean compressed air or Nitrogen
<b>Cooling System</b>	Water Cooled / Refrigerated Chiller
<b>External Control</b>	Remote Capable
<b>Safety Features</b>	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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