

LASERSTAR® 2000 WATT CW LASER CLEANING MACHINE

4103-C Series



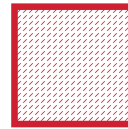
★ HIGHLIGHTS

- ✓ Robust, Powerful, Heavy Duty Design
- ✓ Advanced Back Reflection Isolator Technology
- ✓ Detachable Handheld Scanner w/ Pointers
- ✓ 2000 W Continuous Wave Fiber Laser Source
- ✓ Integrated High Capacity Water Cooling Chiller

LaserStar's Industrial 2000 W (2 kW) Laser Cleaning Machine is a powerful continuous-wave (CW) laser cleaning machine engineered to emit a constant, high-power, stream of light. They are exceptionally fast and excel at rapid stripping of thick rust, paint or containments from large heavy duty metal surfaces where speed, consistency, and material safety are critical. Ideal for manufacturers and repair facilities who demand faster and safer surface preparation techniques, while offering high throughput, minimal thermal damage, and versatile cleaning.



Shown: 2000 W Laser Cleaning Machine



Remove Rust



Remove Paint



Remove Oil Stains

✓ Rust, Corrosion, Paint and Coating Removal

✓ Surface Preparation for Welding or Bonding

✓ Plastic & Rubber Mold Cleaning

✓ Oil, Grease and Oxide Layer Removal

✓ Surface Texturing & Finishing

✓ Anilox Print Roll Cleaning

✓ Microbial Cleaning / Sanitizing / Decontamination



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LASERSTAR ACADEMY™

Our education courses are designed to provide you with a solid foundation of fundamental laser skill sets to immediately gain a revenue impact with your new laser device.

LaserStarAcademy.com

Technical Specifications at www.LaserStar.net

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Laser Type	CW - Continuous Wave
Wavelength	1064 to 1080 nm
Max Average Power	2000 W (2 kW)
Cooling	Water Cooled (Integrated Distilled Water Chiller)
Scanner Controls	On/Off Button & Emergency Stop
Scanner Hand Grip	Left Handed or Right Handed Setup for Easy Operation
Scanner Weight	2 kg (4.4 Pounds)
Fiber Cable Length	15 Meters (49 Feet)
Focal Distance	Dual Red LED Pointers (Integrated)
Scanner Patterns (13)	Circle, Spiral, Square, Cross, Linear, etc.
F-Theta Lens - Standard	254 mm (100 x 100 mm)
F-Theta Lens - Additional	330 mm (120 mm x 120 mm) or 420 mm (200 x 200 mm)
Supply Circuit	230 V, Single Phase, 50 A, 50/60 Hz
Power Cord	5 Meter (16.4 Feet) w/ Industrial Power Connector
Controller	Integrated Touch Screen
Device Languages	English, Spanish, German, French, Portuguese, Italian, Russian, Japanese, Korean, Malay, Chinese
Operating Temperature	10 to 40 °C (32 to 104 °F)
Storage Temperature*	(-10) to 60 °C (14 to 140 °F)
Safety Interlock	Yes - Connect To Doors, Enclosure, Robotics, Etc.
Laser Safety Class	Class 4
Dimensions (w/ Light Up)	1143 x 810 x 1423 mm (45" x 31.9" x 56")
System Weight	260 kg (573 Pounds)
Warranty	Limited 2 Year Warranty

Continuous Wave laser cleaning is effective on a wide range of materials and industries:

- Metals
- Stone
- Painted or Coated Surfaces
- Nuclear Decontamination
- Electronics / PCB Industry
- Food Processing Industry
- Automotive Industry
- Aerospace Industry
- Marine Industry
- Oil and Gas Industry
- Plastic Injection Mold Industry
- Tool, Die & Metal Fabrication

Deachable
Handheld Scanner



*Without water in the system.



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