

Bescutter BSC-1500 Air-Cooled Laser Cleaner



Laser cleaning is a cost effective, efficient, and safe method of industrial cleaning. It is effective for rust-removal, paint removal, surface preparation and restoration. The 1500-watt air cooled cleaning laser is portable, powerful and cost effective for mobile operations, congested factory and industrial applications, aerial (hard to reach) locations and preventative maintenance.

SYSTEM SPECIFICATIONS

Laser Class	Class 4
Max Power (Watts)	1500 Watt
Laser Operation Type	Continuous wave
Adjustable Laser Power Settings	Adjustable from 100% to 20% rated power
Laser Wavelength	1064nm (+/- 10nm)
Operational Voltage/ Amperage	220-240v 1-Phase 30 amps
System Weight	80 lbs.
Laser Head Weight	3 lbs.
Operational Temperature	35 Deg F – 95 Deg F
Auxiliary Compressed Air Debris Sweeper	Auto enabled when laser is in use
Air Knife lens protector	Compressed air knife valve located at the beam exit of laser head. (Air compressor sold separately)
Laser User interface and setting Adjustability	Touch screen monitor
Max Cleaning Pattern Width setting	200 mm
Max Effective Cleaning Width at surface	12 Inches
Scan Head Speed Range	1,000-20,000 mm/s
Safety Trigger settings	Triple click auto enabled
Quick Change Debris Lens Cassette	Included
Warranty/ Technical Assistance	2-year warranty/ 24/7 call assistance, onsite technical/ service support
Cooling Agent	Air Cooled
Failsafe System Monitoring	Failsafe alarms do not allow operation of the laser if system detects an error.
Fiber Optics Cable Length Range	Standard 25 Feet
Maintenance Toolbox	Included
Automation Compatible/ Auto Interlock Compatible	Yes/Yes
Optional Accessories Sold Separately	<ul style="list-style-type: none"> - Protective Debris Lens, - Additional LSO and Laser Technician Certification training - Onsite Commissioning and Training - Additional Protective laser rated goggles/ glasses - PAPR Respirator Hood - Troubleshooting Software - Automatic Interlocks and connections



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