

# Bescutter BSC-2000-CWFL

## Max Series Laser Cleaner



Laser cleaning is a cost effective, efficient, and safe method of industrial cleaning. Laser cleaning machines are class 4 laser products which include added safety measures for easy and safe operation in all industries and work environments. The max series laser cleaner is effective for medium to high production fabricators or manufacturers, commercial and industrial applications, paint removal, and preventative maintenance.

### SYSTEM SPECIFICATIONS

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| Laser Class                                      | Class 4  |
| Max Power (Watts)                                | 2000 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 50 amps   |
| System Weight                                    | 340 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               | 300 mm   |
| Max Effective Cleaning Width at surface          | 18 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 (S&A water chiller)                | 5 gallons of Distilled or De-ionized Water   |
| Failsafe System Monitoring                       | Failsafe alarms do not allow operation of the laser if system detects an error.  |
| Key Access                                       | Password Protection, laser generator key ignition switch   |
| Alarm Light tower                                | LED light tower/ alarm warning indicator   |
| Fiber Optics Cable Length Range                  | Standard 30ft (Extended 50ft length available by special request)  |
| Maintenance Toolbox                              | Included   |
| Automation Compatible/ Auto Interlock Compatible | Yes/Yes  |
| Optional Accessories Sold Separately             | <ul style="list-style-type: none"> <li>- Protective Debris Lens,</li> <li>- Additional LSO and Laser Technician Certification training</li> <li>- Onsite Commissioning and Training</li> <li>- Additional Protective laser rated goggles/ glasses</li> <li>- PAPR Respirator Hood</li> <li>- Troubleshooting Software</li> <li>- Automatic interlocks and connections</li> </ul> |



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