



CLEANTECH

Commercial Finishing Laser Blaster Cabinet

CTCF-4020

This industrial-grade laser blasting cabinet integrates a handheld fiber laser gun inside an enclosure. The CleanTech Commercial Laser Blaster Cabinet 4020 is an effective tool for treating intricate surfaces without exposing users to laser radiation or fumes released during the procedure.

The CleanTech CF-4020 comes in a range of power levels and offers customizable configurations. Operators can select from built-in laser ablation patterns or develop their own custom pattern. The laser's dual axis technology optimizes the processing of uneven and complex surfaces. Crafted for speed, accuracy, protection, and adaptability, the CleanTech CF-4020 is a state-of-the-art tool for safe and controlled material processing.



Handheld



Finishing



Dual Axis



CleanTech Safety Features

Our enclosed Class I laser cleaning systems offer significant safety advantages, eliminating the need for strict safety measures required with handheld models. These systems allow no accidental exposure to laser radiation and trap toxic fumes that may be generated during the ablation process. Optionally, a fume extractor can be installed to filter hazardous particles. Laser Photonics offers custom modifications to the systems' enclosures and flatbeds for their smooth integration into production lines.

» **No Costly Consumables**

» **No Complex Cleanup**

» **No Dangerous Chemicals**



Corrosion Removal on Aluminum Mold



Laser Cleaning on Steel Pipe



Corrosion Removal on Steel Cylinder

Applications

- » Surface Conditioning
- » Corrosion Removal
- » Decontamination
- » Coating Removal
- » Pre-Adhesion Treatment
- » Pre-Weld Preparation
- » Post-Weld Treatment
- » Degreasing
- » Surface Preparation
- » Surface Texturing
- » Injection Mold Cleaning
- » Oxide Removal
- » Anodization Removal

Materials

- » Steel
- » Ceramic
- » Aluminum
- » Brass
- » Titanium
- » Copper
- » Concrete
- » CFRP
- » Plastic
- » Silicon
- » Metal Alloys
- » Cast Iron
- » Carbide
- » Chrome
- » Galvanized Metals



Laser Photonics offers custom-built solutions. For assistance in determining which capabilities will best suit your needs, contact Laser Photonics or visit our website at www.laserphotonics.com.



The 1064 nm wavelength laser light emitted from this laser system is invisible and harmful to the human eye. Proper laser safety eyewear must be worn during operation.



21CFR 1040.10 Compliance: This system is a Class I laser as designated by the CDRH and meets the full requirements for stand-alone laser systems as defined by 21 CFR 1040.10 under the Radiation Control for Health and Safety Act of 1968.