

FC Pulse Laser Cleaner

300 Watt

INDUSTRY LEADING

1 YEAR WARRANTY

BOSS FC Lumin X

A powerful and portable solution, the 300W handheld pulse laser cleaner delivers efficient, non-contact cleaning for rust, paint, oil, and surface contaminants. Designed for industrial use, it offers high precision, low maintenance, and eco-friendly performance—ideal for metal restoration, automotive, and manufacturing applications.

APPLICATIONS

Metal Surface Paint Removal

- Paint removal from metal pipe walls
- Coating delamination and peeling

Oxode Layer Removal

- Stainless steel plate cleaning
- Degreasing aluminin before welding
- Weld cleaning

Degreasing and Rust Removal

- Mold cleaning
- Carbon steel derusting
- Mesh plate cleaning
- Carbon fiber composite cleaning

Coating Removal

- PCB board cleaning
- Alloy coating removal
- Timber renovation



SPECIFICATIONS

Power Requirements	110 V, Single Phase, 50/60 Hz, 3.5 kW 220 V, Single Phase, 50/60 Hz, 3.5 kW	**Machine Dimensions**	800 mm | 31.49 in x 600 mm | 23.62 in x 1000 mm | 39.37 in
Control Voltage	24VDC	**Unit Weight (Net & Gross)**	20 kg | 44.09 lbs. / 30 kg | 66.13 lbs.
Power Consumption	3.5 kW	**Material of Construction**	Powder-coated steel frame with aluminum
Electrical Protection Rating	IP54	**Mounting Type**	Mobile (caster wheels)
Control System Type	Embedded PC-based controller	**Moving Parts**	Handheld scanning head with adjustable speed; no internal moving axes
Operator Interface	7" color touchscreen	**Noise Level**	<70 dB(A)
Output Capacity	Up to 15m^2/hr (material and contamination dependent)	**Repeatability/Accuracy**	±0.1mm
Tolerance Ranges	±0.1mm	**Software**	Embedded PC with proprietary software





TOP



BOTTOM

Item	Quantity
Adapted F-Theta Lens	2
Laser Protective Glasses	1
Optical Cleaning Kit	1
Bracket for Laser Head	1
Complete Machine	1
Portable Travel Case	1