

LASER CLEANING

is reliable, safe, fast and environment friendly technology intended for surface cleaning. At FEMTA we are manufacturing laser cleaning systems, optimising equipment, providing solutions for technology integration in production lines and system operator trainings.



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Laser
Technologies
For Industry





EQUIPMENT

FEMTA laser cleaning systems are heavy-duty, portable, air cooled and their operation requires only electricity.

- Reliable – system lifetime of 90 000 working hours.
- Power consumption – up to 1,4 kWh.
- Compact – 60x55x42 cm, 52 kg.
- Powerful – up to 200W average output power using single-mode fiber.
- Fast – cleaning area of 1 square meter takes form 9 minutes.



Advantages of technology:

- Easy removal of dense coatings such as: epoxy resin, paint, soot.
- Damage free surface – fragile layers or materials can be preserved during cleaning process.

Surfaces to clean:

- Leather
- Wood
- Stone
- Plastic
- Glass
- Metal
- Ceramics
- Fiberglass



Application fields:

- Artworks restauration
- Food industry
- Metal parts production
- Aircraft manufacturing, repairs
- Yacht manufacturing, repairs
- Optical coatings manufacturing
- Press, print industry
- Building restauration
- Frescoes restoration
- Welded parts cleaning
- Fibreglass composites repainting
- Conveyor parts cleaning
- Rubber or plastic moulds cleaning
- Baking trays cleaning, degreasing