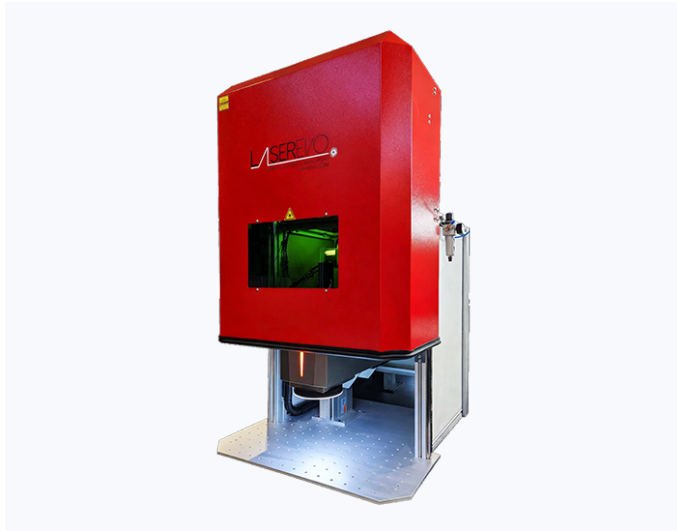




Product Sheet

Laserevo Evolux

Category: Fiber MOPA

EvoLux, professional laser marking in a compact format

EvoLux combines high performance, flexibility and operational reliability in a complete all-in-one solution. With a MOPA laser source as standard, a spacious work area and a pneumatic hatch with 3 open sides, the machine is designed for businesses that need efficient and precise marking on metals, plastics and coated materials.

- Professional marking in a compact format
- MOPA laser source in both 2D & 3D versions
- Large worktable and integrated ring light for maximum user comfort

Product description

EvoLux, professional marking in a compact format

EvoLux is a fiber laser system that combines high performance, great flexibility and a compact format. The machine is developed for companies looking for a professional solution for industrial marking with high quality, reliability and easy handling.

With a MOPA laser source as standard, EvoLux delivers sharp and clear marking on several different materials. The system is suitable for marking metals, plastics and coated materials and is available in both 2D and 3D versions to meet different types of marking needs.

The machine construction is designed to simplify daily work. The pneumatic door with three-sided opening makes loading and unloading smooth, while the spacious anodized aluminium work area provides room for larger parts. The integrated ring light at the marking head provides good visibility over the work area and contributes to high precision and better working comfort for the operator.

EvoLux is also available as a Workstation version with a dedicated construction.

Description

- MOPA laser source as standard: Provides sharp and high-contrast marking with high precision.
- Compact all-in-one solution: Developed for industrial marking where performance and user-friendliness are important.
- Pneumatic door with three-sided opening: Makes it easy to load and unload parts smoothly.
- Spacious anodized aluminium work area: Provides good possibilities to handle larger components.
- 2D and 3D versions: Adapted for different marking needs and applications.

Technical Specification

Machine Specifications	
• Laser source	Ytterbium pulsed fiber laser (MOPA)
• Cooling system	Air cooling
• Marking area (mm)	110 x 110 – 150 x 150 – 175 x 175
• Supported vector files	.dxf - .ai - .plt - .svg
• Wavelength	1064 nm
• Communication protocol	Serial – TCP/IP – Possibility to import data from external files (.xls or .txt)
• Laser power	30W – 50W – 60W
• Variable handling	Date – Time – Serial number – QR-code – Datamatrix – Database integration
• Power consumption	400W
• Marking materials	Metals – Plastics – Coated materials