

Product Sheet

Lotus Meta XY

Category: CO2 laser, Fiber MOPA, Pico laser, UV laser

Meta-XY is the optimal solution for laser-based batch coding and marking

With its versatile work surface and compatibility with all our laser sources, Meta-XY delivers a combination of extreme accuracy and high productivity. Automatic doors and a high-speed head ensure fast and safe operation, making this machine ideal for companies that want to maximise their production efficiency without compromising on quality.

- Batch coding & marking
- Compatible with multiple laser sources
- 3D laser marking

Product description

Meta-XY – Efficient and flexible laser marking for large volumes

Meta-XY is the optimal solution for laser-based batch coding and marking. It is specially designed for larger projects and can mark multiple parts simultaneously or engrave large surfaces with precision and speed. With its versatile work surface and compatibility with all our laser sources, Meta-XY delivers a combination of extreme accuracy and high productivity.

Automatic doors and a high-speed head ensure fast and safe operation, making this machine ideal for companies that want to maximise their production efficiency without compromising on quality.

Description

- Batch coding & marking – Capable of marking multiple parts simultaneously and engraving large surfaces.
- Compatible with multiple laser sources – Adaptable for UV, fibre or CO₂ lasers for maximum flexibility.
- 3D laser marking – "DFGL" Dynamic Focus Galvo Laser adapts to the contours of the object with a focusing capacity of up to 35 mm.
- Automatic doors – Safe and easy access with 180° opening.
- High-speed head – Optimised for fast operation and increased production efficiency.

Technical Specification

Machine Specifications	
• Laser source	ELI-X17 MOPA Fiber, ELI-355 UV or CO
• Dimensions (W x D x H):	1140 mm x 1975 mm x 1885 mm
• Laser head	3D Laser Head (3-axis) DFGL Galvo
• Accuracy	1 m (0.001 mm)
• Positioning speed	10,000 mm/s
• Z-axis movement	400 mm
• Maximum object size (closed hatch)	700 x 380 mm (Class 2)
• Work table	700 mm x 500 mm (T-slot, expandable)
• Maximum marking area	820 mm x 620 mm
• Class	CE marked Class 2
• Warranty	3 years as standard, can be extended