Product Sheet

LaserEvo Platinum Line 2D 30W MOPA

Category: Fiber MOPA

Gold Line 2D MOPA – Advanced marking with total control
The Gold Line 2D MOPA fibre laser delivers high precision, flexibility and reliability in a single system. Thanks to adjustable parameters and powerful MOPA technology, it can handle everything from sensitive materials to high-contrast, deep marking. An efficient choice for both stand-alone stations and integrated solutions – with maximum adaptability and minimal operating costs.

- Flexible and adaptable
- Extremely energy efficient
- MOPA

Product description

Gold Line 2D MOPA Fiber Laser – Precision, reliability and efficiency

The Gold Line 2D MOPA fibre laser is an advanced and versatile laser marking solution that combines high precision, low energy consumption and minimal maintenance. It is ideal for all types of applications – from compact workstations to full integration into production lines and larger gantry systems.

The innovative MOPA technology offers superior marking on a wide range of materials, with adjustable parameters for depth, contrast and speed. With high power (20W, 30W, 60W or 100W), you can customise the machine to your needs and get a cost-effective solution with an exceptional price/quality ratio.

Description:

- Flexible and adaptable – Can be used both as a compact tabletop unit or integrated into production lines and gantry systems.
- Extremely energy efficient – Low energy consumption and minimal maintenance for maximum cost efficiency.
- MOPA technology for maximum precision – Ideal for contrasting marking, deep engraving and colour marking on certain metals.
- Available in multiple power ratings – Available in 20W, 30W, 60W and 100W, making it ideal for both small and large production runs.
- Exceptional price/quality ratio – A reliable and long-term investment for all types of marking.

Supported file formats

- **Vector:** .ai, .dxf, .plt, .svg
- **Raster:** .jpg, .bmp, .png

Marking materials

- Metals (steel, aluminium, brass, copper)
- Plastics
- Ceramics
- Coated materials

Technical Specification

Machine Specifications

• **Laser source**	Ytterbium Pulsed fibre laser
• **Wave length**	1064 nm
• **Laser power**	20W, 30W, 60W & 100W
• **Pulse length**	16 pulse length options (2, 4, 6, 8, 12, 20, 30, 45, 60, 80, 100, 150, 200, 250, 350, 500 ns)
• **Marking area Lenses**	FL180 lens (150x150 mm) or FL 254 lens (175x175 mm)
• **Cooling system**	Air-cooled
• **Power supply**	230 V, 50/60 Hz