



F30M MOPA

Key Product Highlights

- For all your permanent markings on metal and engineered plastics
- 30W MOPA Fibre laser
- 2D galvo head with auto focus
- No external cooling required and low maintenance
- Best for compliance plates, electronic components, precision instruments, medical equipment, jewellery marking and more
- Marks colour on stainless steel
- Ultra reliable pulse fibre laser with 100,000+ hrs
- Thermal alarm on laser source
- marking area 200mm x 200mm with red light positional laser



Customisation Options

- Advanced fume extraction
- 4th Axis Rotary
- Laser source: upto 200W
- Marking area: 600 x 600mm
- 3D galvo



More info

Material Compatibility

Metal	Stainless steel, copper, gold, silver, aluminum, and more, all marked with high clarity and permanence.
Engineered Plastics	Suitable for certain plastics, providing clear, crisp, and non-invasive markings.
Specialty Applications	Ideal for jewelry, electronic components, medical equipment, and more, making it a versatile tool for diverse industries.



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Technical Specification

Overall Size	L: 1100mm W: 800mm H: 1660mm
Working Area	200mm x 200mm
Laser Source	30W MOPA Fibre Laser
Laser wavelength	1064nm
Frequency	1-200kHz
Pulse Duration	200ns
Working Voltage	240V AC, 50Hz, 4A
Unit Power	<0.5kW
Supported Formats	BMP, JPG, GIF, PNG, TIF, AI, DFX
Minimum Line Width	0.02mm
Minimum Character	0.15mm
Marking Depth	up to 1mm
Engraving Line Speed	up to 3,000 mm/sec
Repeatability	+/- 0.002mm
Minimum Character	0.15mm
Laser Module Life	>100,000 hours
Machine Weight	200kg



Contact us to learn more about our Products and how we can help your business grow



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