

100W CO2 Laser Marking Machine

This CO2 laser marking machine is designed for creating intricate designs on various non-metal materials. It utilizes a CO2 laser source to deliver a focused beam for permanent marking on surfaces like wood, leather, and acrylic.



Overview

High-Precision CO2 Laser Marking Solution

The GL-100W CO2 Laser Marking Machine is engineered for stable, high-speed marking and cutting across a wide range of non-metal materials. Featuring advanced cooling options and precise control systems, this machine ensures high efficiency and minimal scrap rates. It is an ideal solution for industries requiring intricate engraving, such as textiles, leather goods, arts and crafts, and electronics.

Performance Metrics

Max Marking Speed

7000 mm/s

Max Speed

Repeat Precision	+/- 0.01mm
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Minimum Laser Beam	0.18 mm
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Technical Specifications

Marking Area Options

- 50mm x 50mm
- 100mm x 100mm
- 200mm x 200mm
- 300mm x 300mm

Laser Type	CO2 Laser (Water-cooling/Wind-cooling)
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Available Laser Power	30W, 55W, 100W
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Power Supply	220V +/- 10%, 15A
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Compatibility

Supported Graphics Formats

DST • PLT • BMP • DXF

Compatible Software

- CorelDRAW
- Photoshop
- AutoCAD

Applications

Compatible Materials

Electron film, Leather, Cloth, Paper, Wood, Acrylic, Crystal, Chinaware, Marble, Compound materials