

CO2 Fiber Laser Marking Machine

This CO2 fiber laser marking machine is engineered for high-speed, continuous marking on moving workpieces. The system utilizes a fiber laser source to create precise and lasting marks on various materials.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Laser Marking

This flying CO2 laser marking machine is engineered for high-speed, continuous marking on moving workpieces, making it ideal for automated production lines. It delivers exceptional precision down to 0.002mm with a marking speed reaching 7000mm/s. Designed for reliability and low cost of ownership, the system requires no consumables, features minimal maintenance needs, and offers an extended service life of up to 100,000 hours.

Performance Metrics

Key Performance Metrics

7000 mm/s

Max Marking Speed

0.002 mm

Repeat Precision

100000 hours

Max Lifetime

Technical Specifications

Laser Technical Data

Parameter	Specification
Wavelength	10.6um
Cooling Mode	Air cooling
Working Temperature	0-40°C
Minimal Character	0.15mm * 0.15mm

Supported File Formats

AI, BMP, DST, DWG, DXF, DXP, LAS, PLT

Features & Support

Warranty & Operation

- Two years warranty
- No consumables required
- Easy operation with original control card and software
- Full set includes all necessary parts (encoder, sensor, etc.)

Marking Capabilities

Graphics • Text • Numbers • Dates • Bar Codes • QR Codes