

CO2 Laser Marking Machine for Non-Metals

This CO2 laser marking machine is specially developed for the non-metals marking industry. It is equipped with a high-speed galvanometer and a fully sealed optical system to prevent dust from entering the laser body.



ADDITIONAL IMAGES



Overview

Precision CO2 Laser Marking Solution

This 30W CO2 laser marking machine is engineered for high-precision engraving and marking on non-metallic surfaces such as wood, leather, and paper. Featuring a compact, enclosed design with an integrated control system, it provides a safe and efficient solution for industrial product identification and decorative applications. With a maximum linear speed of 7000mm/s and repeatable accuracy of ± 0.01 mm, it delivers consistent, high-resolution results for demanding production environments.

Performance Metrics

Laser Power

30 W

Laser Power

7000 mm/s

Max Linear Speed

Marking Precision

2500 DPI

Technical Specifications

Laser Wavelength	1064nm
Working Area	100mm x 100mm, 220mm x 220mm
Max Marking Depth	0.3 mm
Min. Line Width	0.03 mm
Min. Letter Size	0.2 mm
Repeatable Accuracy	± 0.01 mm

Electrical & Cooling

Cooling System	Air cooling
Gross Power	1000 W
Power Supply	220V/50Hz/10A