

Flatbed CO2 Laser Cutting and Engraving Machine

This flatbed laser cutting machine utilizes a high-power CO2 laser tube, providing both cutting and engraving capabilities. The laser tube's movement precisely follows file designs, ensuring consistent power distribution across the working table for superior results.



Overview

High-Precision Industrial Laser Solution

This flatbed CO2 laser cutting and engraving machine is engineered for high-precision industrial applications. Featuring a robust frame and a 32-bit DSP control system, it delivers consistent accuracy across a variety of materials including wood, plastics, and more. With versatile power options and a spacious work area, this machine is designed to streamline production workflows while maintaining optimal laser performance through an integrated cooling system.

Technical Specifications

Supported File Formats

- Plt
- Dxf
- Bmp
- Ai
- Dst

Laser Power Options	80W, 100W, 150W, 180W
Maximum Cutting Speed	1000 mm/s
Resolution	2500 DPI
Control System	32 Bit DSP
Drive Type	Microstepping stepper motor system

Dimensions & Capacity

Work Area Dimensions

Model	Work Area (mm)	Machine Size (mm)	Gross Weight (kg)
CM1318	1300 x 1800	2570x1940x1180	550
CM1325	1300 x 2500	3270x1940x1180	600

Electrical & Accessories

Included Accessories

Air assistant • Exhaust system • Water cooling system

Power Requirements	110V or 220-240V / 50~60Hz
Warranty Period	12 Months