

Compact Laser Engraving Machine

This compact laser engraving machine is designed for precision cutting and engraving on various materials. It is suitable for industries such as advertisement, gifts, shoes, and toys.



Overview

Compact Laser Engraving and Cutting Solution

This M500 laser engraving machine is designed for precision cutting and engraving on a variety of materials. It features a 50W CO2 sealed glass laser tube and a 32-bit DSP control system with flash memory, ensuring consistent performance and high-quality detail. With a working area of 300 x 500 mm and a compact footprint, it is an ideal solution for small workshops, educational settings, and professional hobbyists.

Laser Performance

Laser Power

50 W

Laser Power

1000 DPI

Resolution

Laser Source

Water cooling CO2 sealed glass

Technical Specifications

Working Area	300 x 500 mm
Maximum Speed	800 mm/s
Repeatability	0.01 mm
Drive Type	Stepper motor

Compatibility & Connectivity

Connectivity

- USB 2.0
- USB Disk

Supported File Formats

Plt, Dxf, Bmp, Ai, Dst

Physical Dimensions

Machine Dimensions	1150 x 670 x 890 mm
Gross Weight	125 Kg
Package Dimensions	1270 x 790 x 1150 mm

Service & Power

Warranty

12 Months

Power Requirements

110~240V / 50~60Hz