

# CO2 Laser Cutting and Engraving Machine for Wood Acrylic MDF

This CO2 laser cutting and engraving machine is a versatile CNC laser system designed for industrial applications. It is capable of cutting and engraving a wide range of non-metallic materials, including wood, MDF, acrylic, and plastics.



## ADDITIONAL IMAGES



## Overview

### High-Precision CO2 Laser System

This versatile CO2 laser cutting and engraving machine is engineered for industrial applications, delivering high speed and precision across a variety of non-metallic materials like wood, acrylic, and MDF. Featuring a robust, modular design with a newly developed motion control system, it ensures stable performance and ease of maintenance. With options for power configurations up to 300W and an electric lift workbench, this system is an ideal solution for signage, woodworking, and complex fabrication tasks.

## Technical Specifications

Working Platform Size	1300x900mm
Laser Power Options	100W, 130W, 150W, 280W, 300W

## Performance

Max Cutting Speed	500 mm/s
Repeated Accuracy	$d \pm 0.25\text{mm}$
Max Cutting Depth	25 mm

## Software & Control

Control System	RD
Supported File Formats	AI, PLT, BMP, DXF, DST, T100

## Hardware

### Worktable Options

Aluminum Strip • Honeycomb

### Included Accessories

- Air Pump
- Water Chiller
- Exhausting Fan
- Exhausting Pipes

Cooling System

Circulation of Water Cooling

## Operating Environment

### Operating Conditions

**35 °C**

Max Temp

**95 %**

Max Humidity