

CNC CO2 Laser Engraving Machine for Handicrafts

This CNC CO2 laser engraving machine is designed for handicraft applications. It utilizes a CO2 laser source for precise engraving and cutting on various materials.



ADDITIONAL IMAGES



Product Overview

Precision Craftsmanship

This CNC CO2 laser engraving machine is engineered specifically for the craftwork and gift industry, offering reliable performance and ease of use. It integrates optics, machinery, and electrical control to deliver high-precision engraving on a variety of non-metal materials including bamboo, marble, acrylic, and crystal. With an automated computer-controlled system and a manual height-adjustable platform, it provides the versatility needed for intricate designs on diverse material shapes.

Key Performance Metrics

Performance Highlights

50 W

Laser Power

400 mm

Effective Cutting Area Width

280 mm

Effective Cutting Area Depth

0.025 mm

Engraving Accuracy

Technical Specifications

Detailed Technical Parameters

Parameter	Value
Laser Type	Hermitic and detached CO2 laser tube
Engraving Rate	d200mm/s
Positioning Accuracy	0.025 mm
Cooling Method	Water-cooling
Power Supply	AC220V/50HZ±5%
Outline Dimensions	800 x 530 x 960 mm

Compatibility & Features

Available Accessories

- Rotary clamp
- Bamboo clamp

Supported Graphic Formats

PLT, AI, DXF, BMP

Operating Environment

Requirements

- Non-vibration
- Non-dust
- Non-corroded gas and liquid
- Non-intensity electromagnetic wave
- Temperature: 5-35°C