

# 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

<b>50 W</b> Laser Power	<b>400 mm</b> Effective Cutting Area Width	<b>280 mm</b> Effective Cutting Area Depth	<b>0.025 mm</b> Engraving Accuracy
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## 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