

# Laser Engraver for Glass and Souvenirs

This laser engraver is designed for creating custom designs on glass souvenirs and cups. It utilizes laser technology to etch intricate patterns and personalized messages onto the surface of the material.

## Product Overview

### Precision CO2 Laser Engraving System

This professional-grade laser engraving machine is designed for high-precision customization of non-metal materials, including glass, wood, and acrylic. Featuring a versatile 700x400mm work area and an integrated rotary attachment, it is ideal for producing sophisticated souvenirs, awards, and personalized gifts. The system includes an ultrasonic auto-focus mechanism and a dual-face working table for maximum operational efficiency and material handling flexibility.

## Technical Specifications

### Laser Performance Metrics

<b>50 W</b> Laser Power	<b>24000 mm/min</b> Max Speed	<b>0.1 mm</b> Accuracy
Working Area	700mm x 400mm	
Laser Source	Hermetic and detached CO2 glass laser tube	

## Operational Features

### Target Industries

- Advertising & Signage
- Promotional Items
- Crafts & Gifts
- Trophies & Awards
- Architecture Modeling
- Precise Ornaments

Compatible Materials	Acrylic, Wood, Glass, Bamboo, Marble, Paper, Leather, ABS Plastic, MDF, Cardboard
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## Mechanical Design

### Working Table Configuration

Feature	Specification
Surface Type	Honeycomb and aluminous strip
Auto Up/Down Distance	0-150mm

### Safety & Workflow

Ultrasonic Auto-focus • Closed-design Exhaust • Rotary Attachment Included

Control System	5-inch LCD display with offline stepping motor system
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