

# CO2 Laser Engraving and Cutting Machine

This CO2 laser machine is suited for cutting, boring, scribing, and engraving. It is designed for proofing and small-scale production with a fully enclosed housing for safety and dust control.



## Overview

### High-Precision CO2 Laser System

The GL-640 is a versatile CO2 laser cutting and engraving machine designed for high-precision processing of non-metallic materials. Utilizing advanced computer-controlled laser technology, it supports a wide range of applications including cutting, boring, and intricate engraving. Ideal for industries such as electronics, signage, and crafts, this system offers robust performance with a 60W laser tube and a 400mm x 600mm work area.

## Technical Specifications

### Laser Tube Power

**60 W**

Power

### Cutting Area

400mm x 600mm

### Machine Dimensions

1150 x 860 x 970 mm

## Performance

### Performance Metrics

**6000 mm/min**

Max Speed

**0.01 mm**

Positioning Accuracy

### Smallest Character Size

Chinese 1.5x1.5mm / English 1x1mm

## Compatibility

### Compatible Software

- CorelDRAW
- AutoCAD
- Photoshop

### Supported Graphics Formats

HPGL, BMP, JPG, TIF, DXF, DFT, AI

## Operational Requirements

Power Supply	AC110~220v 10% 50-60HZ
Cooling System	Water Cooling
Operating Temperature	5-35 °C

## Included Accessories

### Included Accessories

- Water Pump
- Centrifugal Fan
- Exhaust Duct
- Air Pump

## Materials

### Compatible Materials

Acrylic • Leather • Wool • Cloth • Wood • Plastic • Rubber • Crystal • Boulder