

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

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

Materials

Compatible Materials

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