

# 150W CNC Laser Cutting and Engraving Machine

The 150W laser cutting and engraving machine is suitable for processing acrylic, wood, and other nonmetal materials. It is ideal for applications such as signage, model making, and decorative arts.



## ADDITIONAL IMAGES



## Overview

### Professional CO2 Laser Cutting & Engraving Solution

This 150W CNC Laser machine is a versatile industrial tool designed for high-precision cutting and engraving across materials like acrylic, wood, and textiles. Featuring a robust construction and advanced control systems, it delivers clean, smooth edges with a resetting positioning accuracy of less than 0.01mm. It is an ideal solution for B2B applications in signage, model making, and decorative arts requiring reliable, high-speed production.

## Performance Metrics

### Performance Highlights

**1000 mm/s**  
Engraving Speed

**600 mm/s**  
Cutting Speed

**40 mm**  
Max Acrylic Cut

**150 W**  
Max Laser Power

## Technical Specifications

### Available Working Areas

Model	Working Area (mm)
CS1290	1200 x 900
CS1390	1300 x 900
CS1490	1400 x 900
CS1690	1600 x 900

**Laser Source** CO2 Laser tube

**Resetting Positioning Accuracy** <0.01mm

**Max Material Height** 270 mm

## Software & Connectivity

### Supported Software

- ArtCut
- PhotoShop (Conversion)
- CorelDraw (Direct)
- AutoCAD (Direct)
- Lasercut (Direct)

### Graphic Formats Supported

PLT, DXF, BMP, AI

## Configuration

### Standard Included Parts

- Dual red dot pointer
- Water pump
- Air pump
- Exhaust Fan
- Knife working table with funnel
- Maintenance tool box

### Optional Accessories

- Motorized up-down table
- Rotary clamp for curved surfaces
- Water chiller
- Auto focus
- Honeycomb worktable

## Maintenance

### Laser Tube Lifespan

Tube Type	Working Hours
Normal Tube	3000-4000 hours
Reci Tube	8000-10000 hours

## Compliance

### Certifications

CE • FDA