

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