

# CO2 Laser Cutting Machine

This CO2 laser cutting machine provides high-precision cutting for various materials. It is widely used in advertising, clothing, and artware industries for carving acrylic, wood, paper, and glass.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance CO2 Laser System

The LX-1390 CO2 laser cutting machine is a robust industrial solution designed for high-precision cutting and engraving across a variety of materials. Featuring a large working area and advanced laser scanning technology, it delivers exceptional speed and accuracy for professional applications. With a long-lasting laser source and minimal maintenance requirements, this machine offers a reliable and cost-effective workflow for commercial production environments.

## Key Performance Metrics

### Max Marking Speed

**7000 mm/s**

Max Speed

### Repeat Precision

**0.002 mm**

Repeat Precision

## Technical Specifications

Model	LX-1390
Working Area	1300 x 900 mm
Available Laser Power	40W, 60W, 80W, 100W
Laser Type	CO2 Sealed Laser Tube, 10.6um
Cooling System	Water Cooling
Working Table	Stainless steel and knife table
Scanning Precision	4000 DPI

## Operational Details

### Min. Character Size

Language	Size
Chinese	2.0mm x 2.0mm
English	1.0mm x 1.0mm

Laser Output Control	0-100% (Software controlled)
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## Maintenance & Reliability

### Maintenance Profile

No consumables • Low maintenance • 8-10 year service life

Laser Source Lifetime	50000 hours
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