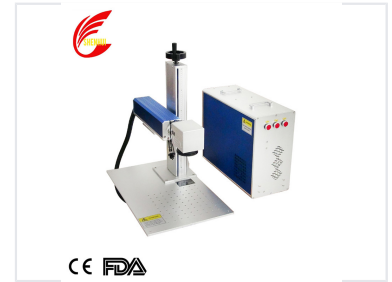
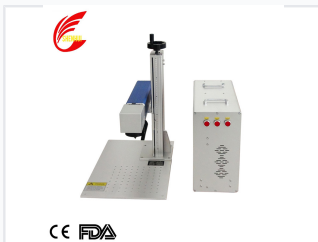


CO2 Laser Marker for Non-Metals

This CO2 laser marking machine is designed for marking non-metal materials. It uses a precision laser source to create permanent markings on surfaces like wood, plastic, and acrylic.



ADDITIONAL IMAGES



Product Overview

Professional CO2 Laser Marking Solution

This high-precision CO2 laser marking machine is engineered specifically for non-metal materials, offering a 100,000-hour long lifetime with zero consumables and maintenance-free operation. It delivers high-contrast, neat edges and smooth surfaces without heat deformation, making it ideal for deep marking and high-accuracy applications. With integrated air cooling and low power consumption, it provides a compact and efficient solution for industrial branding and personalization.

Performance Metrics

Key Performance Metrics

100000 Hours

Service Life

300 char/s

Max Marking Speed

800 W

Power Consumption

Technical Specifications

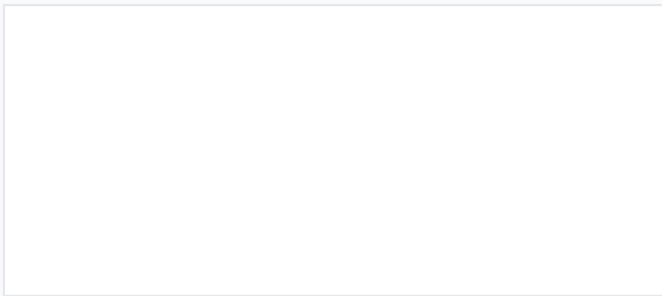


Precision manual handwheel and linear scale for accurate focal height adjustment.

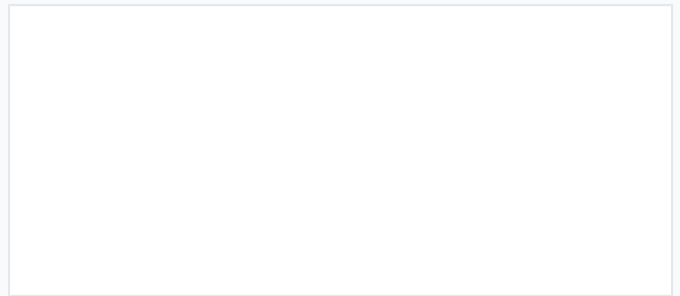
Laser Parameters

Parameter	Value
Laser Power	10W/20W/30W/50W (Optional)
Laser Wavelength	1064nm
Beam Quality	<2m2
Pulse Repeat Frequency	20-60KHZ
Power Stability (8h)	<±1% RPM
Mini Line Width	50um
Mini Character	3mm

Operation & Software



User-friendly control panel featuring independent switches for laser and scanner, plus an emergency stop.



Professional EZCAD software interface supporting multiple languages and precise object positioning.

Marking Area Options

- 110x110mm
- 200x200mm
- 300x300mm

Software Capabilities

- EZCAD Software Interface
- Multi-language support (English, Chinese, Japanese, Korean)
- Real-time visualization and parameter adjustment
- Object manipulation and laser control (Light/Mark)

Graphic Formats Supported

PLT, BMP, JPG, PNG, TIP, PCX, TGA, ICO, DXF

Material Compatibility

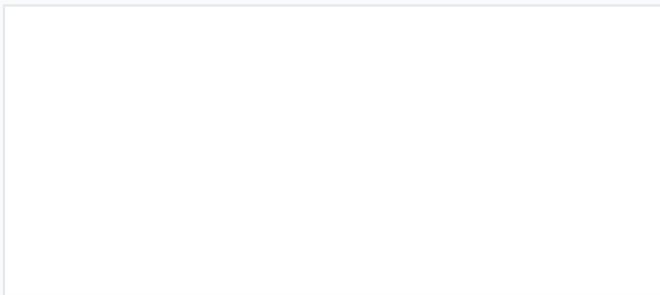


High-resolution marking samples on acrylic, wood, plastic, and coated surfaces.

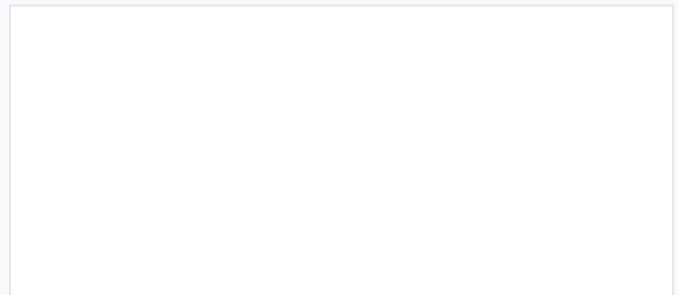
Applicable Materials

Fabric, Leather, Wooden Packing, Paper Packing, Acrylic Pipe, PET, Plastic, Paint Layers, Ceramics, Glass

Hardware & Construction



Ergonomic industrial design with a height of 137cm and integrated monitor for real-time operation control.



Optional rotary supported attachment for 360-degree engraving on cylindrical items.

Cooling Method

Integrated Air Cooling

Machine Dimensions

137cm (H) x 80cm (L) x 65cm (W)

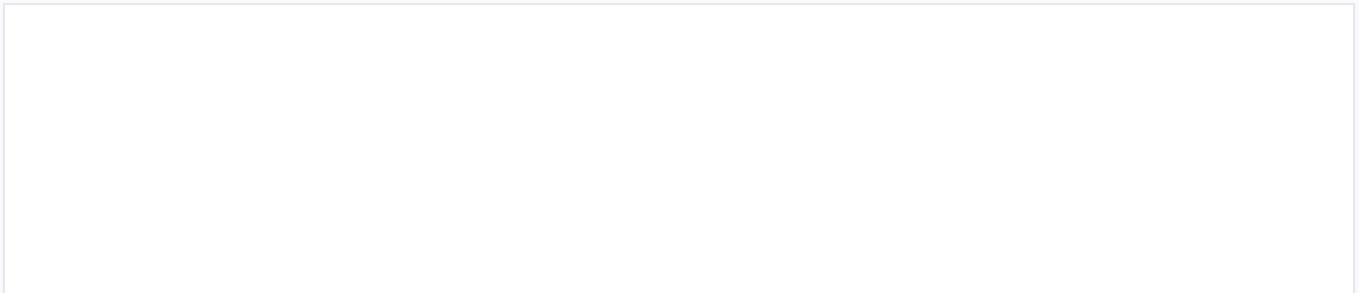
Net Weight

60 KG

Working Voltage

220V±10% / 50HZ

Service & Compliance



Complete accessories kit including hex keys, cables, and USB drive for machine setup and maintenance.

Compliance Badges

CE • FDA

Warranty

2-3 Years (Model dependent)