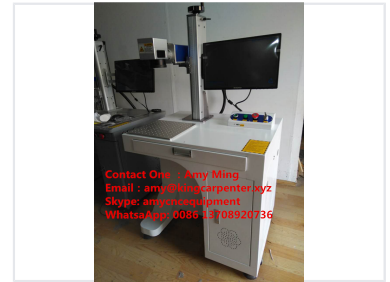


# Fiber Laser Marking Machine for Metal

This fiber laser marking machine is designed for precise and efficient metalworking applications. It features a high-quality laser source, a stable and durable frame, and an easy-to-use control system.



## Overview

### High-Precision Fiber Laser Marking

This fiber laser marking machine is engineered for precise and efficient metalworking applications, offering high-speed performance and exceptional accuracy. Equipped with a 20W fiber laser source and a digital galvanometer, it is capable of marking a wide range of metals with repeatable precision down to  $\pm 0.001\text{mm}$ . This robust system includes a dedicated control computer and intuitive design software, making it an ideal solution for industries such as jewelry, electronics, and automotive manufacturing.

## Laser Performance

### Laser Power

**20 W**

Laser Power

**1064 nm**

Wavelength

### Modulation Frequency

20Hz-200kHz

## Marking Capabilities

### Precision Metrics

Metric	Value
Scanning Speed	8000mm/s
Repeatable Accuracy	$\pm 0.001\text{mm}$
Min. Letter Size	0.1mm
Min. Line Width	$\leq 0.01\text{mm}$

### Engraving Area

110 x 110 mm

## System Components

### Technical Setup

- USB board card
- Lenovo Computer (Win7)
- Beijing Jinhaichuang digital galvanometer
- Air cooling system
- EZCAD Design Software

### Included Accessories

Foot switch, Toolbox, Scanning field mirror