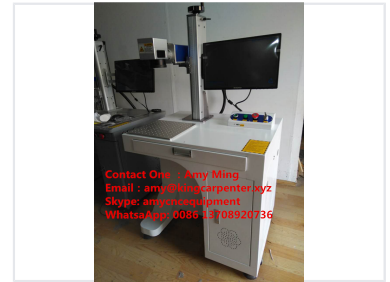


Fiber Laser Marking Machine for Metal

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 | $\phi 0.01\text{mm}$ |

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