# JY Fiber Laser Marking Machine



## Features

* Integrated design, small size (There is one Cabinet and portable optional)

* Fewer supplies, machine, low power consumption, power consumption ≤800W

*Internal air cooling systems, reducing energy consumption, 100,000-hour maintenance-free.

*High electro-optical conversion efficiency, maintenance- free, high stability, easy operation.

*USB interface output control, can receive variety of file formats (such as PLT, BMPL JPG).

* Enable barcodes, text graphics, regular and irregular serial number and other

marking.

* To play black, deep engraving and rotary marking.

## Introduction

Laser marker machine adopts imported fiber laser output laser integration structure, and then by high-speed galvanometer scanning system to achieve the perfect marker functions. Fiber laser marking of electro-optical conversion rates of up to 70%, compared with the semiconductor laser marking machine has a higher beam quality, high electro-optical conversion efficiency, using air cooling, high reliability laser life up to 100,000 hours, long operating life, is a new environmental protection and energy-saving laser marking.

## Applications

Widely use in hardware products, tools, accessories, electronic components, integrated circuits(IC), electrical appliances, telecommunications equipment, precision instrument s jewelry, accessories, auto parts, instruments, plastic buttons, medical devices, and many other fields of graphics and text markup, as well as high-volume production jobs.

## Parameters

| Model | JY-Fiber-low | JY-Fiber-20W/30W/50W |
|---|---|---|
| Length of laser wave | 1064nm | 1064nm |
| Maximum laser power | 10w | 20W/30W/50W |
| M2/Beam quality M2 | <1.2 | <1.2 |
| Repeat frequency | 20-60KHz | 20-80KHz |
| marking scope | 100*100mm 150*150mm | 100*100mm 150*150mm |
| Marking Line Width | ≤0.01mm | ≤0.01mm |
| Marking depth | ≤0.25mm(Adjustable) | ≤0.3mm(Adjustable) |
| Marking line speed | ≤15000mm/s | ≤15000mm/s |
| Min character | 0.1mm | 0.1mm |
| Repeat precision | ± 0.001mm | ±0.001mm |
| Machine power | ±800W | ±800W |
| chassis | (Cabinet and portable optional) | (Cabinet and portable optional) |
| Power supply requirements | AC/220V/50HZ | AC/220V/50HZ |