



**JK Lasers**  
CO2 | Fiber | MOPA

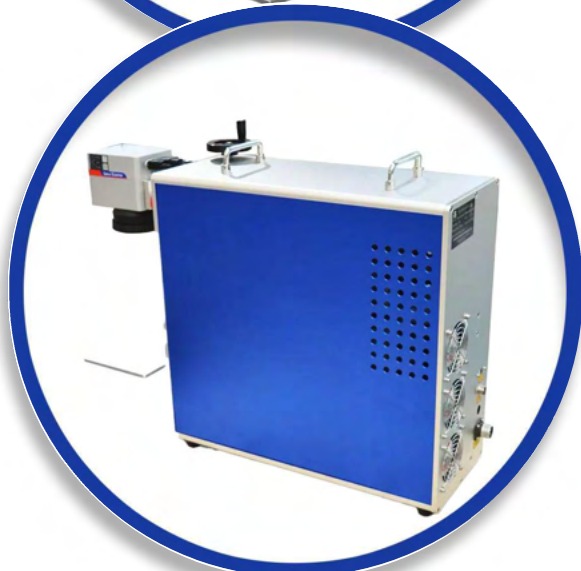
One of Hispeed's top laser marking options is the Economical Standard Fiber Metal Laser Marking Machine, which has seen tremendous growth in popularity. This adaptable system can mark characters, logos, barcodes, serial numbers, and data matrices on a variety of materials, including some non-metals and metals.

This machine is particularly cost-effective because it doesn't need any consumables, which makes it a very affordable option. It also produces exceptional marking speed and accuracy, guaranteeing accurate and efficient outcomes. This laser marking machine offers a dependable and reasonably priced solution for marking promotional items, industrial products, or any other application.

With the help of the included EZCAD software, which works similarly to a printer driver, you can control the fiber marking machine directly from your graphics program, making high-speed marking just as simple as printing.



## Best Quality



**Wavelength**

1064 nm

**Laser Source**

Q-Switched Pulse Fiber Laser

**Cooling method**

Air-cooled

**Application**

Engraving/ etching

Cosmetics

Gifts

Homewares

Jewellery

Retail

Sports

Rust Removal

Oil Cleaning

Mold Surface Treatment

Paint Stripping

Welding Surface Pre-treatment

Portrait Stone Surface Treatment

**Rated Power**

20w 30w 50w 60w 100w

**Working area**

Upto 300x300 mm

**Laser type**

Galvo

**Marking speed**

Upto 15000mm/s

**Beam quality**

0.01-0.1mm

**Marking/Engraving Depth**

0.001-2.5mm



# JK Lasers

C O 2 | F i b e r | M O P A

|                             |   |
|-----------------------------|---|
| <b>Operating Software</b>   | EzCad   |
| <b>Included Accessories</b> | Red Dot pointer, Safety Glasses, Foot Pedal (rotary is an optional extra) |
| <b>Supported Formats</b>    | BITMAP/JPEG/DXF/DWG   |
| <b>Operating system</b>     | Windows 7/8/10/11   |
| <b>Warranty</b>             | 12 months FOC, extended warranty available                                |
| <b>Training</b>             | Basic Training included Free of cost. Additional training available too   |

|                                 |       |         |         |         |         |
|---------------------------------|-------|---------|---------|---------|---------|
| <b>Lens</b>                     | F100  | F160    | F210    | F254    |         |
| <b>MARKING AREA</b>             | 70X70 | 120X120 | 150X150 | 190X190 | 300X300 |
| <b>MAX MARKING SPEED MM/SEC</b> | 7000  | 12000   | 12000   | 12000   | 12000   |
| <b>APPROX WEIGHT</b>            | 56    | 56      | 56      | 56      | 56      |

## Applicable materials

| Capability | Engrave | Cut | Mark |
|------------|---------|-----|------|
| Wood       | X       | X   | X    |
| Textiles   | X       | X   | ✓    |
| Stone      | ✓       | X   | ✓    |
| Slate      | ✓       | X   | ✓    |
| Plastics   | X       | X   | ✓    |
| Paper      | X       | X   | X    |
| Metal      | ✓       | X   | ✓    |
| Leather    | ✓       | X   | ✓    |
| PVC        | ✓       | X   | ✓    |
| Glass      | X       | X   | X    |
| Acrylics   | ✓       | X   | ✓    |

|                  |  |
|------------------|--|
| <b>Operation</b> | Temperature range +15 to +35° C; Relative humidity max. 60 %. Non-condensing |
| <b>Transport</b> | Temperature range -10 to +40° C; Relative humidity max. 70 %. Non-condensing |
| <b>Storage</b>   | Temperature range +0 to +30° C; Relative humidity max. 60 %. Non-condensing  |