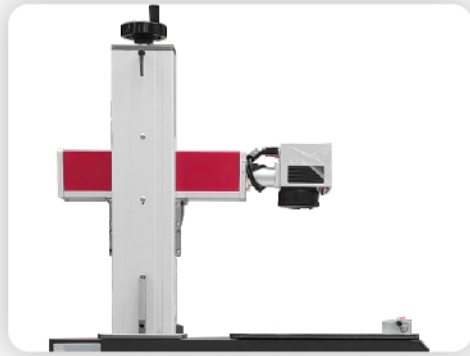


# LASER MARKING MACHINE

## MOPA MODEL



### Description

The MOPA marking machine is an advanced laser marking device that uses master oscillator power amplifier technology. MOPA structure: It consists of a master oscillator (generating laser seed source) and a power amplifier (boosting laser energy), which can independently adjust pulse parameters (such as frequency and pulse width) to achieve more precise control.

• Column



• Laser Galvo



• Field Lens



• Screen



• Buttons

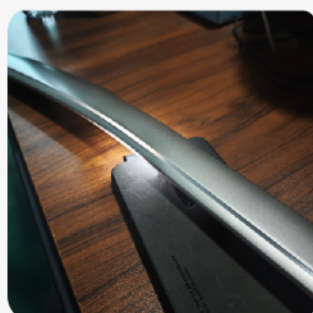


• MOPA Fiber Laser Source



• Industrial Computer

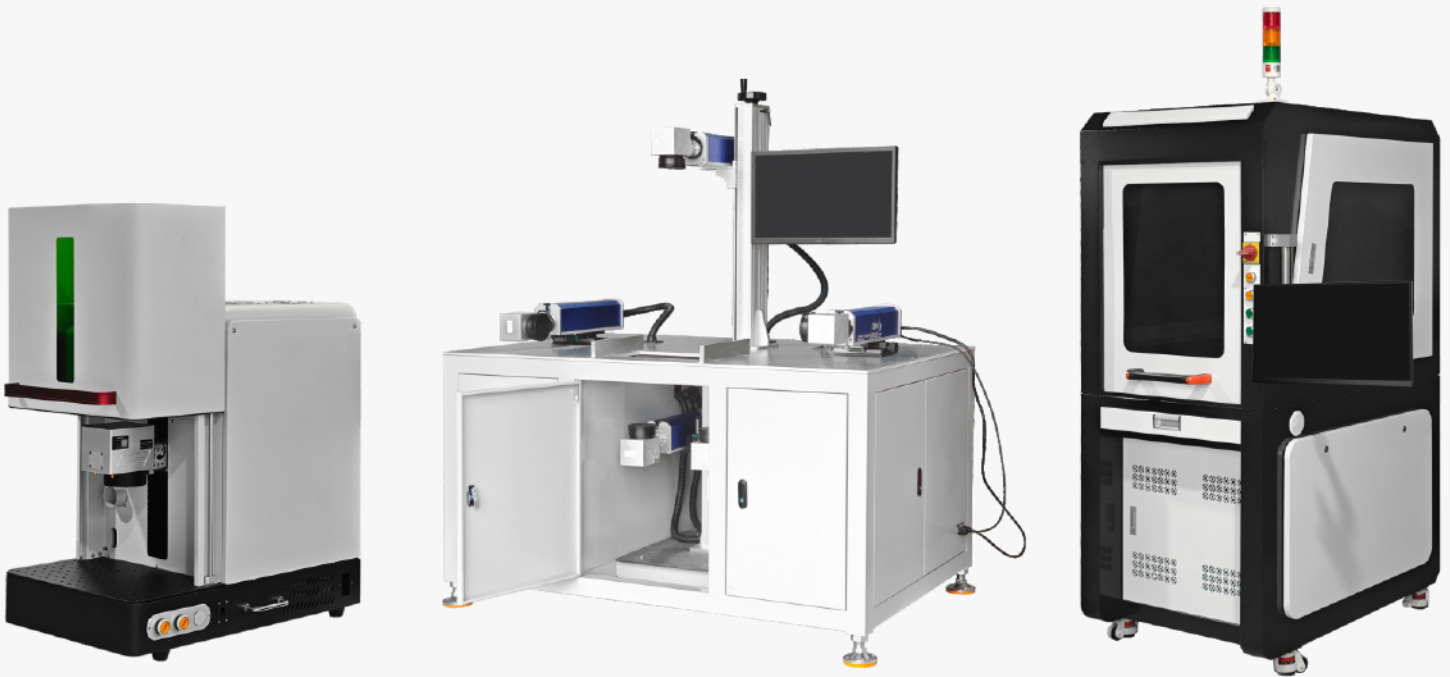
## Samples



## Parameter

|                      |                                           |
|----------------------|-------------------------------------------|
| Output Power         | 20W/30W/60W                               |
| Applicable Materials | Metals & non-metals                       |
| Light Beam Quality   | <1.5                                      |
| MarkingSpeed         | 7000mm/s                                  |
| Wavelength           | 1064nm                                    |
| Frequency Range      | 1-4000kHz                                 |
| Pulse Width          | 2-500ns                                   |
| MarkingArea          | 100*100/200*200/300*300mm (Customization) |
| MarkingContent       | Graphic/Characters/Barcode/QR Code        |
| Repeatability        | ±0.002                                    |
| Min Line width.      | 0.001mm                                   |
| Power Supply         | AC220V/110V±10%/50Hz/60Hz                 |
| PowerConsumption     | <1KW                                      |
| Cooling Way          | Air Cooling                               |

## Optional Cabinet



## Optional Fixture

