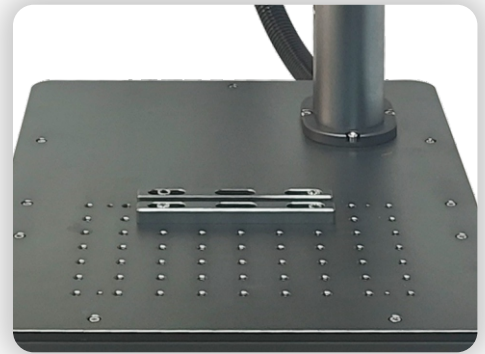
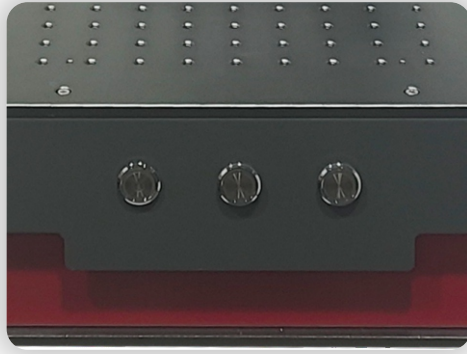


FIBER LASER MARKING MACHINE



Description

The fiber laser marking machine uses a fiber laser as the core light source. It generates a 1064nm wavelength near-infrared laser through ytterbium (Yb)-doped optical fiber, which is focused by a galvanometer system and acts on the surface of the material. It achieves marking through thermal or photochemical effects and is suitable for high-precision processing of metals and some non-metallic materials.

- High precision and speed
- Strong adaptability to metal materials
- No consumables and low maintenance
- Non-contact processing, no chemical pollution

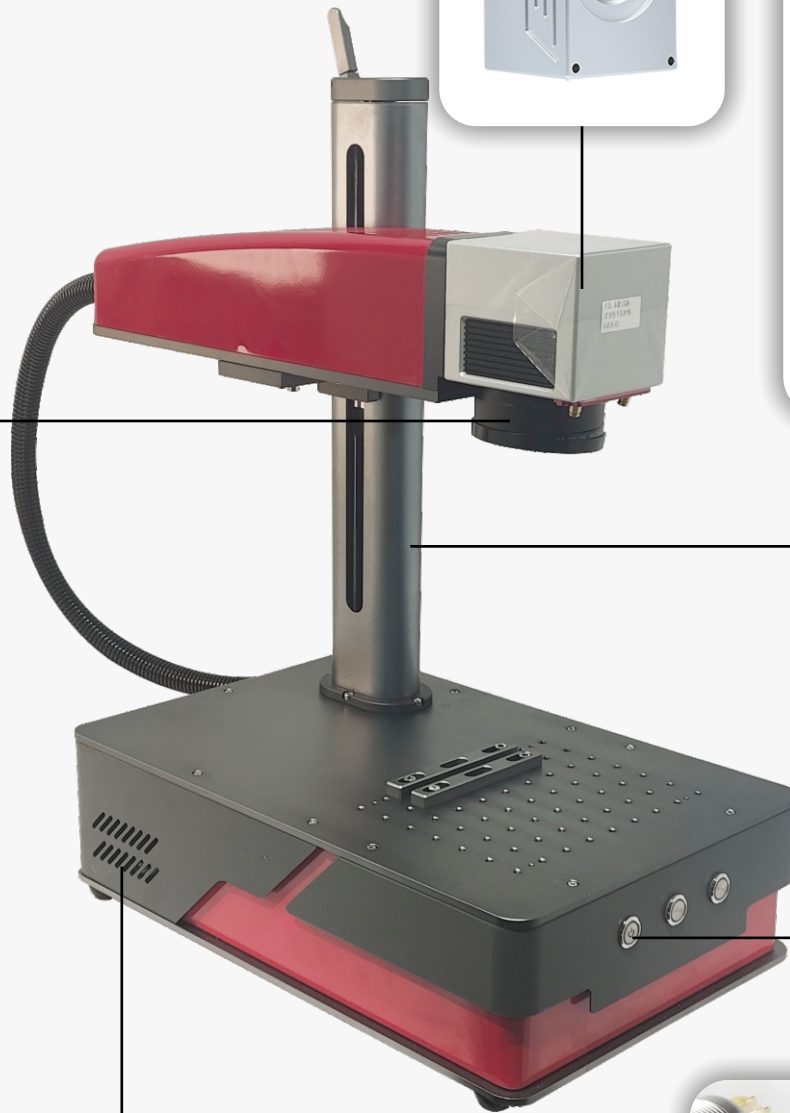
• Laser Galvo



• Column



• Field Lens

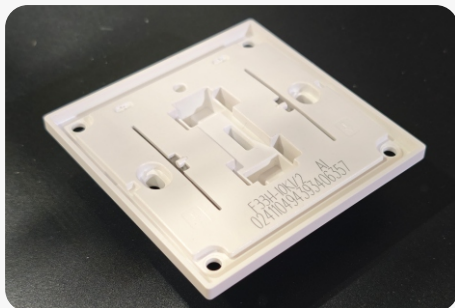
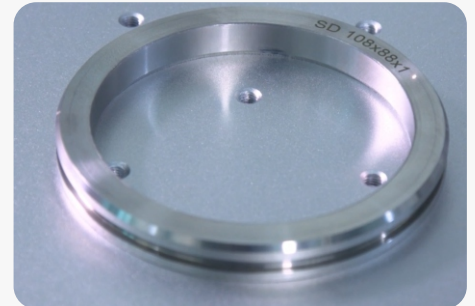


• Laser Source



• Buttons

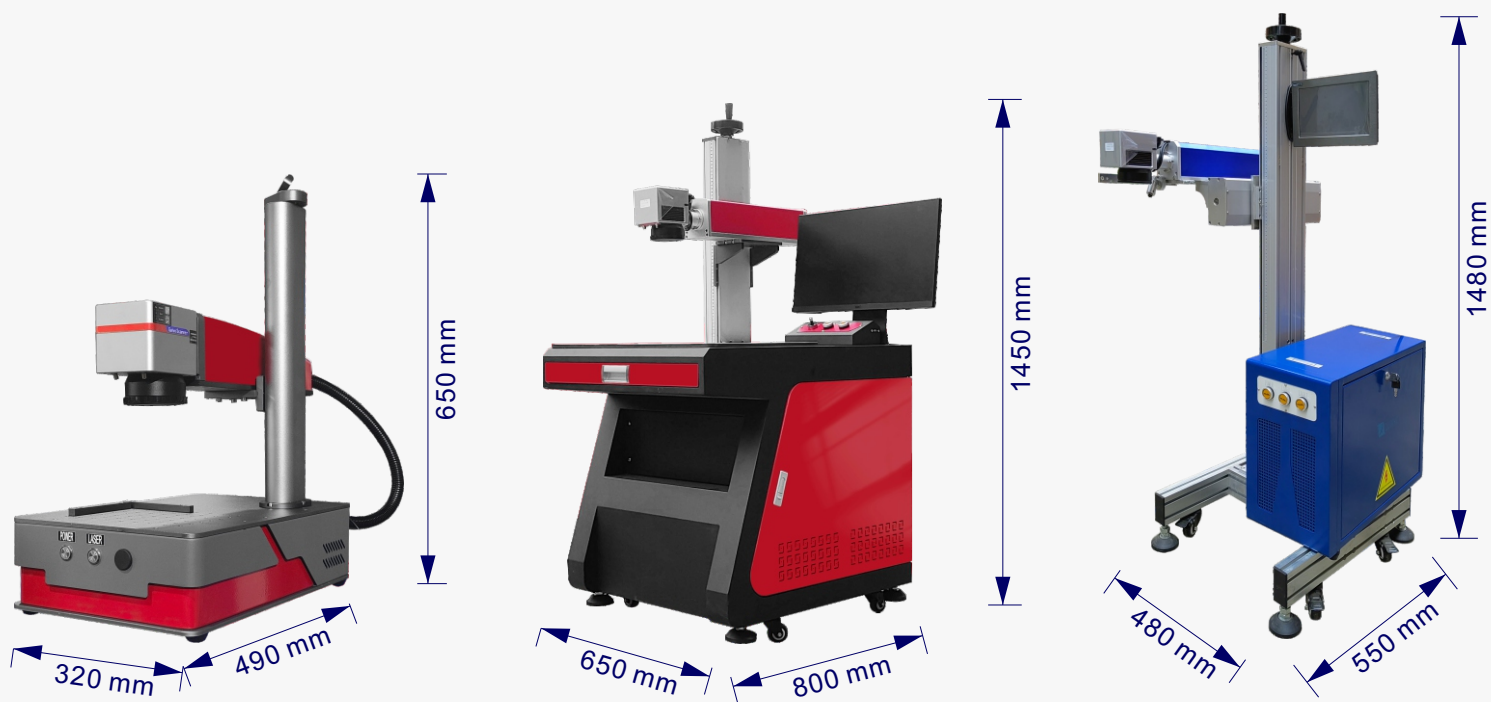
Samples



Parameter

Output Power	20W/30W/50W/60W/100W
Applicable Materials	Metals & non-metals
Light Beam Quality	<2
Marking Speed	7000mm/s
Wavelength	1064nm
Marking Area	100*100/200*200/300*300mm (Customization)
Marking Content	Graphic/Characters/Barcode/QR Code
Repeatability	±0.002
Min Line width.	0.001mm
Power Supply	AC220V/110V±10%/50Hz/60Hz
Power Consumption	<1KW
Cooling Way	Air Cooling
Lifespan of Laser Source	100000 hours

Optional Cabinet



Optional Fixture

