



MC SERIES 20W SCANNING GALVO

Pulsed 1064nm Fiber Laser directly marks a wide range of plastics and metals, including: Steel/Titanium/Copper/Aluminum



Speed

The laser is contained inside of a fiber optic cable. Rotating mirrors rapidly move the laser beam up to 100x faster than gantry-style lasers.



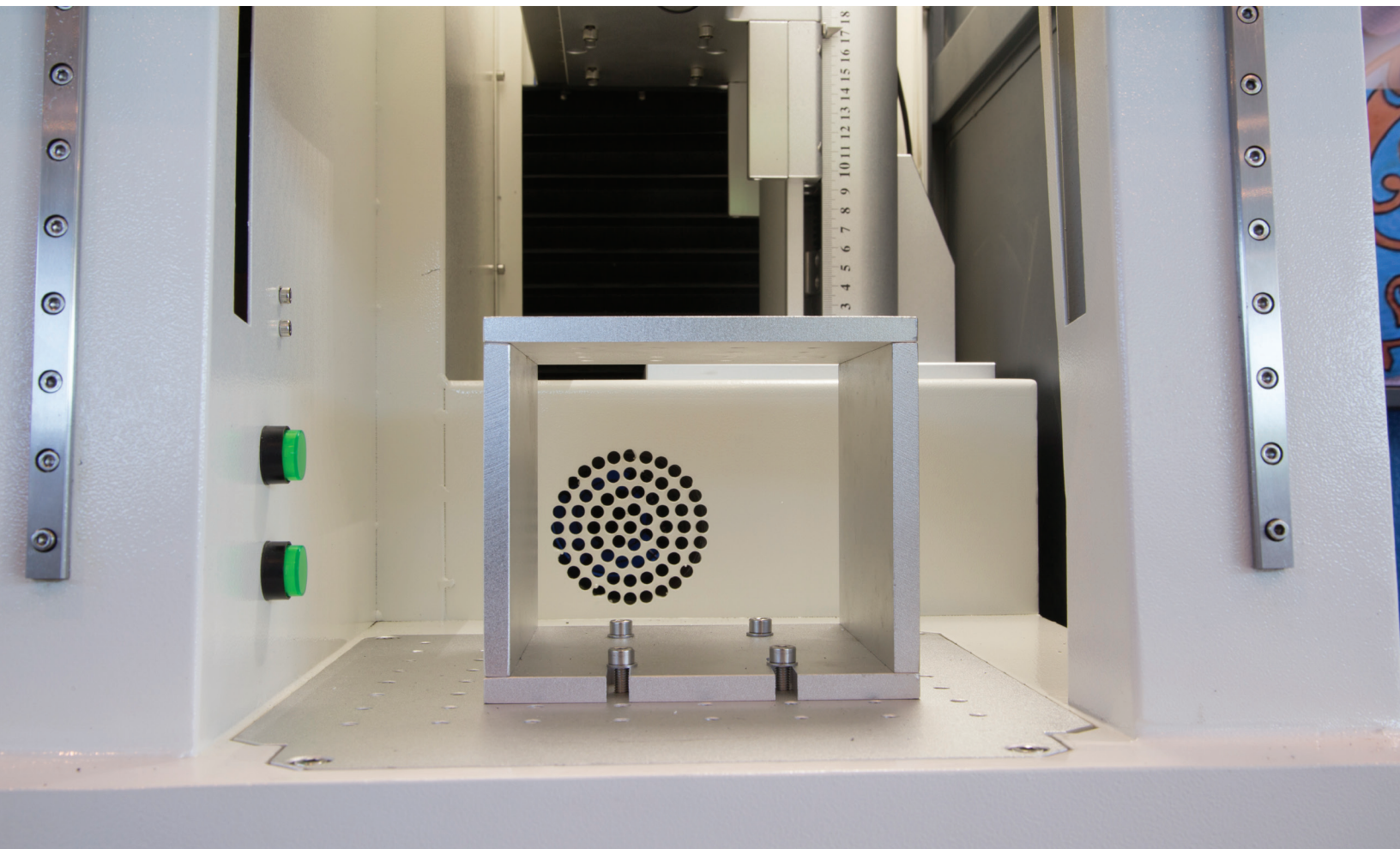
Versatility

Mark, engrave, and micro-machine metal and most plastics directly.



Efficiency

Virtually no maintenance and low energy consumption!



MC SERIES 20W SCANNING GALVO FIBER LASER

This scanning galvo fiber laser is ideal for rapidly marking metals and plastics, and for thin metal cutting applications. Projection style scanning galvo marks up 100x faster than gantry-style lasers.

- ✓ 1064nm solid state pulsed fiber laser source lasts over 50,000hrs.
- ✓ 10x finer spot sizes over 10.6um CO2 lasers.
- ✓ Pulsed waveform has over 1kW peak power for direct inkless marking of plastics and metals.
- ✓ Can mark as either deep etch or smooth surface (no roughness).
- ✓ Superior to the YAG laser, it has 5x smaller spot size and 30% efficiency (compared to 1% efficiency).
- ✓ The laser is contained inside of a fiber optic cable (no mirrors to adjust).
- ✓ Perfectly marks many plastics without surface roughness: clear PVC, black, black acrylic, and extremely white. Better results than Rowmark at a lower cost!
- ✓ Projector style scanning galvo uses rotating mirrors and is 10-100x faster than gantry-style lasers.
- ✓ Air cooled, self-contained, easily transportable design which is under 90 lbs.
- ✓ Scanning galvo laser works like a projector (no moving gantry).
- ✓ 10W, 20W and 50W pulsed options available.
- ✓ Can be integrated into your factory/assembly line, including automation (ask us for details).