



Laser Marking



Laser Cutting



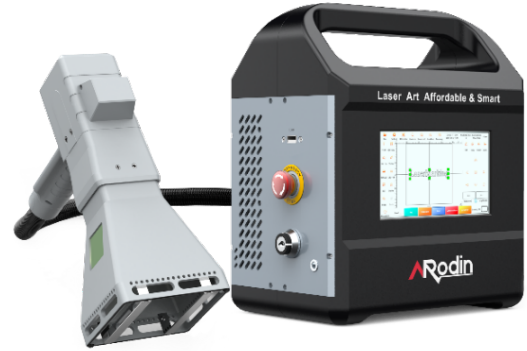
Laser Engraving



Laser Cleaning

Faster time without installation

Engraving granite and marble items can be one of the most fulfilling ways to use a powerful MHFL series to meet your customer's emotional needs. Granite lends itself beautifully to high-resolution photo etching. Personalize touching tribute memorials that help heal, turn bathroom tiles into works of art, or customize a stepping stone for Mother's Day.



Different materials, precision and effect requirements can be adjusted through parameter settings. Please consult MRodin professional team for more information.

MHFL's laser marking technique with fibre can be used on different materials, mainly metals and certain plastics, including steel, aluminium, copper, iron, brass, and Zamak. The unique shell design effectively prevents laser leakage, while the contact sensor promptly deactivates the laser when leaving the marking work piece. With a patented protection solution, it ensures highly efficient and long-lasting marking capabilities.

MARKING MATERIAL

- Steel
- Iron
- Ceramic
- Aluminum
- Brass
- Titanium
- Copper
- Concrete
- CFRP
- Some plastic
- Silicon
- Metal Alloys
- Cast Iron
- Carbide
- Chrome
- Galvanized Metals

The MHFL series distinguishes itself as an exceptional machine renowned for its cutting-edge protective technologies curated by MRodin. With a patented protection solution, it ensures unique shell design can effectively prevent laser leakage, 2 contact sensor quickly turns off the laser when leaving the marking work piece, fixed focus technology avoids accidental injuries.

APPLICATION INDUSTRY

- Food
- Pharmaceutical
- Battery
- Jewelry
- Engineering Automobile
- Aviation Industry
- Electrical Appliances
- Shipbuilding Machinery
- Mold Industry



Packing size:
700*520*270mm
N.W/G.W: 6/8 kgs



See MHFC working



The MHFC plug series stands out for its cutting-edge protective technologies, curated by MRodin. With a patented protection solution, it offers highly efficient and durable marking capabilities. Key features include:

- ✓ A unique shell design that effectively prevents laser leakage.
- ✓ Safe sensor technology from Europe that quickly shuts off the laser when leaving the marking work piece.
- ✓ Fixed focus technology that prevents accidental injuries and ensures user-friendly operation.

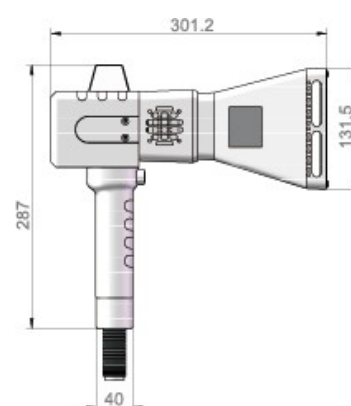
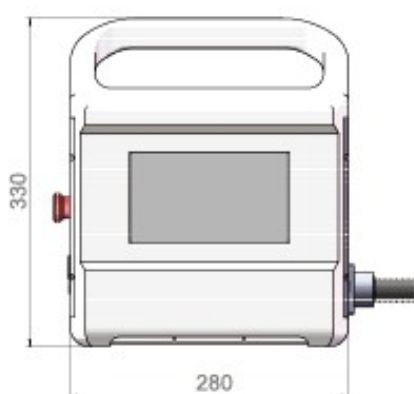
EUCHNER
More than safety.

KEYENCE
Schneider
Electric

SIEMENS
» Laser Class-1 safety
» Mobile free movement
» PC & Mobile phone connected

SYSTEM SPECIFICATIONS

Model	MHFL10025	MHFL10050
Laser type	Q switch fiber laser	Q switch fiber laser
Laser wavelength	1064 nm	1064 nm
Laser Source Wattage	25W	50W
Whole machine power	135 W	200 W
Scan area (standard)	100*100 mm	100*100 mm
Min. marking line width	0.01 mm	0.01 mm
Marking speed	≤ 7000mm/s	≤ 7000mm/s
Focusing method	Fixed focus	Fixed focus
Operation computer	Build-in system with touch screen	
Electrical parameters	AC90V-AC250V	



This equipment is a Class IV laser as designated by the CDRH and does not meet the full requirements as a stand-alone laser system as defined by 21 CFR 1040.10 under the Radiation Control for Health and Safety Act of 1968. It is the user's responsibility to utilize all integrated safety features of the system to exploit as compliant with 21 CFR 1040.10.

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