



Laser Marking



Laser Engraving



Laser Cleaning

Mobile Rechargeable Safe

The MHFL series stands out as an exceptional machine, distinguished by its remarkable handling and the unparalleled guidance provided by MRodin. Boasting a patented protection solution, it ensures highly efficient and enduring marking, courtesy of its distinctive fixed focal shell design. This groundbreaking design facilitates direct laser marking on work pieces sans the requirement for supplementary protective gear or enclosures. In stark contrast to conventional industrial lasers, the MHF is ingeniously engineered to be portable, allowing effortless transportation by hand. This versatility paves the way for hassle-free marking of sizable work pieces, eliminating the need for cumbersome relocation; instead, the laser can be conveniently brought directly to the work piece.



See MHFL
working



MHF handheld mobile fiber laser marker machine

Our MHFL lithium battery series is not just characterized by advanced marking technology and exceptional flexibility, it also presents a mobile and rechargeable solutions. MRodin has curated several recommendations on optimizing your processes, leading to savings in logistics, consumption costs, and bolstered production efficiency.

The most reliable way for

Traceability, Personality, and Branding for industrial application

Marking Material

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

Application Industry

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



Pacing size	700*520*270 mm		
Net weight	6kg	Gross weight	8kg



Safety features - More than safety

ORIGINAL
EQUIPMENT
MANUFACTURE

The MHF series distinguishes itself as an exceptional machine renowned for its cutting-edge protective technologies curated by MRodin. With a patented protection solution, it ensures highly efficient and enduring marking capabilities.

- ✓ Unique shell design can effectively prevent laser leakage.
- ✓ Safe sensor technology from Europe quickly turns off the laser when leaving the marking work piece.
- ✓ Fixed focus technology avoids accidental injuries and operates user-friendly.

» **Laser class-1 safety** » **Mobile free movement** » **PC & Mobile connected**

MHFL Mobile Free

Introducing the optional MHF series: a handheld fiber laser marking machine equipped with a 15AH lithium battery. With a mere 2-hour charge, it delivers an impressive 6 hours of continuous marking capability. Experience unparalleled freedom of movement, unrestricted by power sources. Ideal for outdoor and large-scale work piece marking applications.

Rechargeable Li-ion Battery

Model: LMBL-15Ah
Nominal Voltage: 22.2V Capacity:15AH
Implementation Standard: 31241-2014
MSDS:20230620040451-29
UN38.3: LA2023B0898001U



RoHS

MODEL NUMBER	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	

Class-I 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 user responsibility to utilize all integrated safety features of the system to exploit as compliant with 21 CFR 1040.10.

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