LASER MACHINES

Mini Marker 2.0

Portable Fiber Laser Marking Machine

30W / 50W

lasermachines.com.au
1300 561 963
Factory 17 / 116 - 118 Abbott Rd,
Hallam, VIC 3803

OVERVIEW

The Mini Marker 2.0 features a lightweight, ergonomic design - just 9 kg (9.8 kg with battery) - making it easy to handle and operate anywhere. Equipped with a built-in high-speed galvanometer scanner, it delivers rapid marking speeds with exceptional precision. Designed for long service life and maintenance-free operation, the Mini Marker 2.0 offers one of the most complete and versatile handheld fiber laser marking solutions available.

The Mini Marker 2.0 supports a wide range of marking options to suit different production needs. Compact and highly portable, it can be used on-site to mark large or heavy items that cannot be moved to a traditional marking system. Ideal for industries such as electronics, food, construction, hardware, and automotive, the Mini Marker 2.0 allows you to create and apply characters, part numbers, logos, graphics, and barcodes quickly and efficiently.




APPLICATIONS

This versatile laser marking machine is designed to work with a wide range of metals, including stainless steel, brass, aluminum, steel, and iron, as well as various non-metallic materials like ABS, nylon, PES, PVC, and Makrolon.

- **Electronic Components:** Ideal for marking resistors, capacitors, chips, printed circuit boards, computer keyboards, and more.
- **Mechanical Parts:** Suitable for bearings, gears, standard parts, motors, and other machinery components.
- **Instruments:** Perfect for engraving on panel boards, nameplates, and precision instruments.
- **Hardware Tools:** Effective on knives, tools, measuring devices, and cutting tools.
- **Automobile Parts:** Compatible with marking pistons, rings, gears, shafts, bearings, clutches, lights, and other automotive components.
- **Everyday Items:** Great for customising handicrafts, zippers, key holders, sanitary ware, and more.

FEATURES

Portability
Weighing just 9.1 kg, this lightweight, hand-held device is easy to transport and maneuver, making it ideal for marking large, heavy, or stationary objects.

Rechargable Battery
Equipped with a rechargeable battery that supports up to 5.5 hours of continuous operation after a 4-hour charge, allowing for offline use in various environments.

Low Maintenance
The air-cooled system eliminates the need for complex maintenance procedures, ensuring reliable performance over time.

User-Friendly Interface
Features integrated control software with a touchscreen interface, simplifying operation and reducing the learning curve.

High Speed
Capable of marking speeds up to 7000 mm/s, enhancing productivity.

Energy Efficiency
Designed with low power consumption, making it economical and environmentally friendly.

Versatile Applications
Suitable for marking a wide range of materials, including metals like gold, silver, brass, copper, steel, stainless steel, aluminum, and non-metals such as acrylic, ABS, nylon, PVC, and rubber.

Precision Marking
Delivers sharp, detailed, and perfectly aligned marks with outstanding clarity. Whether working on fine text, intricate graphics, or small components

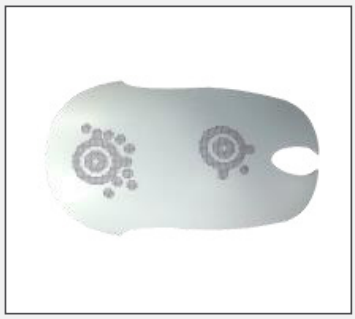
ADVANTAGES

- **Standard Marking Areas:** Provides standard marking areas of 50mm x 50mm or 100mm x 100mm, accommodating various application needs.
- **Laser Power Options:** Available in 30W and 50W models, providing flexibility based on marking requirements.
- **Enhanced Mobility:** Its compact design and battery operation enable use in various settings, particularly where traditional marking machines are impractical.

SPECIFICATIONS

Parameters	818L - II	828L - II
Dimensions (mm) (L x W x H)	310 x 185 x 307	
Weight (kg)	9 (no battery) / 9.8 (with battery)	
Battery Capacity	12000 mAh	
Full Charge Time	4 Hours	
Work Temperature	0 - 40°C	
Output Power	30W	50W
Laser Type	JPT / MAX Fiber Laser	
Marking Speed	7000 mm/s	
Printing Speed	650 Characters / Sec (depending on material and print content)	
Controller	Integrated motherboard with embedded 7" screen	
File Formats	BMP / DXF / HPGL / JPEG / PLT	
Marking Range	100mm × 100mm	
Marking Line Type	Dot matrix and Vector	
Positioning Method	Red light positioning	
Pulse Energy	0.8 mj	
Laser Wavelength	1064 nm	
Cooling System	Air-cooled at room temperature	
Continual Usage Time	5.5 hours	
Frequency Range	1 - 600 kHZ	
Humidity	30 - 85 RH (no condensation)	
Operating System	Linux	
Barcode / 2D Code	CODE39, CODE128, CODE126, EAN13, PDF417, 01CODE, QR, AZTECCODE.DM, GS1DM, DOTCODE, HANXINCODE, etc.	
Overvoltage Class	II	
Reflector Size	8.5mm (standard)	

MARKING & ENGRAVING SAMPLES







lasermachines.com.au
1300 561 963
Factory 17 / 116 - 118 Abbott Rd,
Hallam, VIC 3803
Unit 2 / 56 Central Hills Drive,
Gregory Hills, NSW 2557

LASER MACHINES