



FIBER MINI LASER

The Mini laser line comes from an idea both simple and innovative: condense into a **lightweight bench laser marker** the most advanced features of the new generation fiber laser

These systems not only offer all the advantages of active fiber laser sources- **maximum reliability, no maintenance, exceptional marking results**- but are also equipped with state-of-the-art solutions, such as the **programmable motorized Z axis**.

A **comfortable well-lit working area** makes it easy to operate. It is possible to equip the Mini Laser with optional accessories: rotary axis, linear axis, rotary table...

*State of the art solution
in a compact
lightweight design!*





Class 1 solution

Closed enclosure with safety window for inspection



Class 4 solution

Enclosure without doors for marking large objects

To ensure maximum convenience of use in the smallest space possible, the Mini Laser has a **very versatile enclosure**: the front and side doors can be removed easily. In this way, even large bulky pieces can be marked.

Normally the enclosure is completely closed and it is possible to check the marking job through the safety window.

TECHNICAL DATA

Laser Source

Ytterbium Pulsed Fiber Laser

Wave Length

1064 nm

Output Power

20W - 30W - 50W - 60W - 100W

Cooling System

Air

Power Supply

230 Vca single-phase 50/60Hz

Power Consumption

500W

Supported Vector Files

.ai- .dxf - .plt- .svg

Marking Area (X/Y)

110x110 mm with focal lens 163 mm

Optional: 175x175 mm - 200x200 mm

Management

Date codes- Hour- Serial Numbers- Barcode- QR Code- DataMatrix

Communication Protocols

Serial - TCP/IP - Possibility to import data from .txt or .xls files

MTBF

Laser Source estimated life 100.000hours

MTBF 30.000 - 40.000 hours

Marking Materials

Metals, plastics, coated materials