LD Series Hand-Held Fiber Laser Marking Machine

LD100i

Built-in high-speed galvanometer scanner in small size, it has features of fast speed and accurate positioning. It has a long lifetime and is maintenance-free. This hand-held laser marking machine is the industry's most complete handheld fiber laser marking and engraving system. The standard configuration of the hand-held laser marking machine allows for many different options to meet any production need. It can be moved easily for convenient operation from any location and is capable of marking equipment and materials that would not fit into traditional marking systems. Additional features include touch screen for operation and ease of installation.

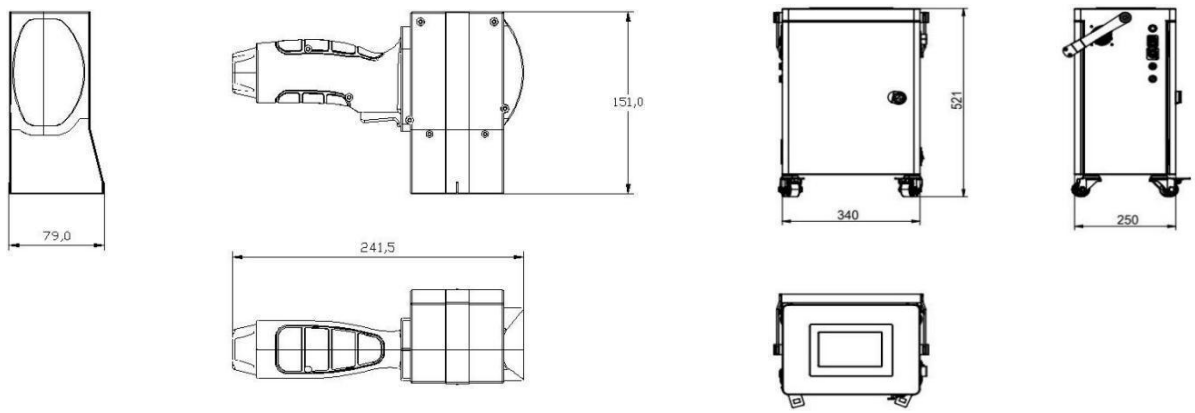
Features

- Fiber beam delivery with integrated optical isolator
- Extremely lightweight and equipped with a handle for increased portability
- 50mm x 50mm or 100mm x 100mm Marking Area
- Compact design, easy to move
- Built in touch screen display for easier operation
- Air cooled, no need for a water chiller unit
- Power consumption is significantly less
- NO maintenance
- NO consumables

LD SPECIFICATIONS

Specification	LD100i
Case material	Sheet metal
Laser type	Fiber laser source
Laser power	≥100W
Laser wavelength	1064nm
Maximum pulse energy	1.5mJ
Frequency range	30-60 kHz
Scanning method	High-precision two-dimensional
Mark speed	≤7000mm/s
Control system	Highly- integrated motherboard, 7-inch touch screen, Linux system
Cooling system	Air cooled
Type of marking line	Dot matrix and vector
Reflector size	Standard size：8.5mm
Marking range	Standard：50mm×50mm or 100mmx100mm
Positioning method	Red light positioning
Lines of marking	No limit within the marking range
Marking speed	650 characters/sec (the specific speed is related to product material and printing contents)
Fonts	Simplified Chinese, Traditional Chinese, English, Korean, Russian, Arabic numerals and other standard font libraries
File format	BMP/PNG/JPG/JPEG/GIF/PBM/PLT (PLT is recommended)
Code type	CODE39, CODE128, CODE126, EAN13, PDF417, 01CODE, QR, AZTECCODE, DM, GS1DM, DOTCODE, HANXINCODE, etc
Power supply	220V
Power consumption	≤500W
Weight	25kg
Over-voltage category	II
Working condition	0-40℃, 30 -85 RH (no condensing)

Dimension



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