

Specialized for the Jewelry Industry

The Easy Laser Engraving Device for Jewelers

Advanced laser technology and jewellery engraving software, MagicArt5 enables new applications and brings laser marking and cutting to the highest standards. Virtually all used in the jewelry industry including precious metals, alloys, polymers and ceramics can be processed with this machine. Its durable construction and ease of operation are beneficial for any jeweler: clamping rings for inner or outer engravings with the laser is unrivalled. Even one point fonts, extremely delicate graphics and really tiny geometrics can be engraved onto the material with clear legibility. Moreover, consistently high-quality results in any job are ensured through laser engraving.

Easy-to-use Software

IMP-L100 includes the MagicArt 5 software. This software is specially made for Jewelry marking. It perfectly controls the IMP-L100 for easy and fast laser engraving. Users can fully utilize all features, DXF/PLT/SVG/DGN files loading is available, and also graphic files.

Smart Rotary Axis

A smart detachable rotary vise which is automatically controlled by software is available. This rotary vise guarantees easy setup without any tools for easy engraving. Also, it is specially designed for engraving rings and bangles on the inner and outer diameters.

◆ Benefits

- Very easy operation using graphic interface
- Low maintenance and service costs
- Easy system integration and maintenance
- Ring/bangle marking module
- Air cooling Built-in
- Spacious working chamber
- Auto safety cover
- Dust collector

◆ Applications

- Pendant Marking / Cutting
- Ring/Bangle inner and outer marking
- Color Marking
- Deep engraving
- Photo Marking
- QR Code
- Cylindrical product marking
- Serial number marking

◆ Options

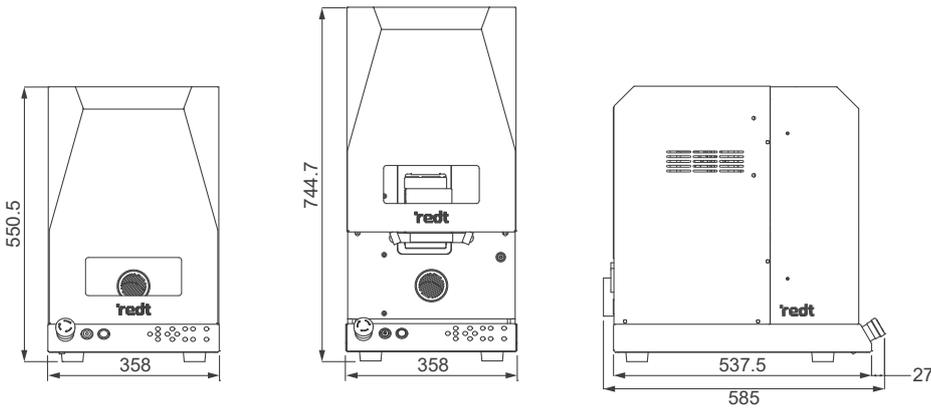
- Rotary axis Module
- Dust collector
- Medal Vise
- Cutting Vise

L100

High-speed marking system with laser



◆ Dimension



◆ Specification

Laser Parameter	
Type	Fiber 20W / 30W
Wavelength	1064 nm
Pulse Frequency	1 ~ 400 kHz
Guide laser	660 nm
Marking Speed	3,000 mm/s (118 in/s)
Minimum Line Width	0.05 mm (0.002in)
Life-span	100,000 hours
Beam Quality	M2 < 1.3
Z axis	
Speed	Max. 18mm/s (0.4 in/s)
Travel	100 mm (3.9 in)
Working Chamber	
Marking Area	L112xW112xH115 mm (4.4x4.4x4.5 in)
Available Material Size	330x170x115 mm (13x6.7x4.5 in)
Rotary Marking Area	Min.12 Ø Max.85 Ø
Utility	
Electrical	AC 100-120V / 200-240V
Frequency	50/60Hz
Operating Voltage	20W MAX 400W / 30W MAX 500W
Environmental	
Dimensions	L558xW358xH550 mm (22x14x22 in)
Weight	Approximately 45 Kg
Temperature	5~40 °C (41-104F)
Control Software	MagicArt 5
System Operation	Windows 7 / Windows 8 / Windows 10
Cooling Mode	Air cooling-Built-in



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