



DIAMOND LINE FIBER LASER

Diamond line lasers are **innovative systems for 3D marking** able to follow the profile of the object while remaining constantly in focus.

With an exceptional focus range of 40mm, these lasers are able to **mark round surfaces**, both in case of **standard geometric shapes** (spheres, cones, cylinders, inclined planes ...) or in case of **complex and irregular profiles**.

The Diamond line lasers are equipped with the best fiber sources on the market today. They offer **exceptional performances**, incomparable marking speed and maximum precision of the result.

Finally the laser that sets no limits to your imagination!

*3D Marking of round surfaces,
standard shapes or complex profiles.
Exceptional focus range of 40 mm!*

LASEREVO 

Laserevo Srl • Rovato (BS) • 030 727 01 81
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All our systems can be customized according to customer requests. We supply **Class 1 safety enclosures, additional accessories like rotary axis, linear axis and more...**

Our sales and technical staff are always available to assist you for all of your marking needs!

TECHNICAL DATA

Laser Source

Ytterbium Pulsed Fiber Laser

Wave Length

1064 nm

Output Power

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

Cooling System

Air

Focus Range

40 mm

Power Supply

230 Vca single-phase 50/60Hz

Power Consumption

500W

Marking Area (X/Y)

110x110 mm with focal lens 163 mm

Optional: 175x175 mm - 200x200 mm

Management

Vector Files: .ai- .dxf - .plt- .svg

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 100.000 hours

MTBF 30.000 - 40.000 hours

Marking Materials

Metals, plastics, coated materials



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