



ELETTROLASER LASER ENGRAVERS



FIBERLUX PRO

Unquestionably the ideal laser for cutting and marking, thanks to the use of ytterbium-doped fiber optics with low environmental impact and low maintenance (up to 50,000 hours of operation). It can be used to mark objects of any metal, engrave photographs, logos, trademarks and texts.



FIBERLUX EL

Derived from the PRO serie, EL line import all the advanced features of the FiberLUX, as well as the closing chamber, the motorized Z-axis and the possibility to install the drag-clamp system for multiple cutting jobs. The machine and the software are simple and easy for any user.



FIBERLUX 3D

Tilted, convex or spherical objects are no longer a problem with the 3D scanner head! The software supplied makes everything utterly simple. It can be used to mark any metal object, engrave photos, logos, trademarks and text with surface unevenness up to 35 mm. Available from 30 to 100W.

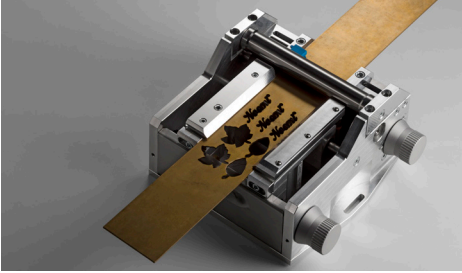
APPLICATIONS

- Engravings on rings, bracelets, medallions, flat and slightly curved surfaces
- Excavation by layers and 3D bas-reliefs
- Engraving of photographs, names, designs and logos, including trademarks
- Engravings on watch faces and eyewear
- Automatic mode for mass production
- 3D Curved Surfaces (Optional)

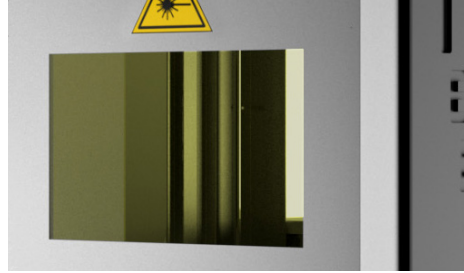
FEATURES

- Pulsed Fiber Laser
- D.S.P. Technology
- Red double pointer for positioning
- Z-axis with stepper motor controlled by software
- High frequency scanner head, 1 Mhz
- 3D Software for Image Processing allows 3D focus-shift scan-head functions (Optional)





Drag and clamp system designed for automatic feeding of materials during cutting process.



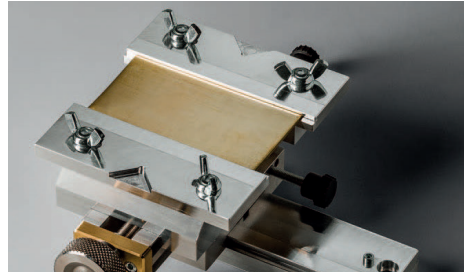
The wide work chamber makes it easy to maneuver the users hands and large pieces.



Internal camera for easier object positioning.



The R-Axis Rotation System allows for external and internal marking for rings and bracelets.



X and Y Axis clamp for manual positioning.



Dust aspirator designed to recover 99.9% of precious metals used during operation.



NATIONWIDE

With offices across the United States, we can ensure you receive top level support from coast to Coast.



FINANCING

We can work together to get you the capital for your business and on terms that suit your needs.



SERVICE

Our Certified Technicians provide the highest level of customer satisfaction in our Industry.



SUPPORT

Our staff are always here to help with your questions and are available for on-site training and maintenance.

SPECIFICATIONS

| | FiberLux EL 30W | FiberLux EL 50W | FiberLux Pro 30W | FiberLux Pro 50W | FiberLux Pro 70W | FiberLux Pro 100W |
|------------------------|--------------------|-----------------|---------------------|------------------|------------------|-------------------|
| LASER WAVE LENGTH | 1064 nm | | | | | |
| OUTPUT POWER | 30W | 50W | 30W | 50W | 70W | 100W |
| ABSORBED POWER | 350W | 350W | 300W | 300W | 450W | 450W |
| WORKING SPACE | 250X250X350 mm | | 450x750x670 mm | | | |
| FOCAL 100 MARKING AREA | 60x60 mm / 16 um | | 60 x 60 mm / 16 um | | | |
| FOCAL 160 MARKING AREA | 110 x 110mm / 26um | | 110 x 110 mm / 26um | | | |
| FOCAL 210 MARKING AREA | --- | | 160 x 160 mm | | | |
| SPEED OF GALVO HEAD | 5000ms | 7000ms | 7000ms | | | |
| MAX PULSE ENERGY | 1Mj | | 1Mj | | | |
| MAX FREQUENCY | 5000ms | 7000ms | 7000ms | | | |
| PULSE DURATION | 100ns | 120ns | 10-200ms | | | |