

ELETTROLASER

# FIBERLUX NANO

SINCE 1949  
**ROMANOFF**<sup>®</sup>  
INTERNATIONAL SUPPLY CORPORATION

ElettroLaser's Fiberlux NANO is a compact and affordable laser marker, ideal for engraving and cutting on precious metals, jewelry components, and small industrial objects. Available in 30 W and 60 W models.

Designed for jewelry workshops and artisans who demand precision and ease of use, Fiberlux NANO combines a compact footprint, fiber laser source, and intuitive software for professional engraving on gold, silver, steel, titanium, and more.

## KEY ADVANTAGES

- ✓ Laser engraving on gold, silver, steel, titanium, aluminum, and special alloys
- ✓ Marking of logos, designs, text, codes, and trademarks
- ✓ Precision black marking on stainless steel
- ✓ Curved engravings using rotary axis (optional)
- ✓ Customization of jewelry, rings, bracelets, pendants, and watches
- ✓ Micro-cutting and deep engraving on metals
- ✓ High-definition photo engraving



CUT NAMEPLATES



MARK CURVED SURFACES



ENGRAVE DETAILED PHOTOS

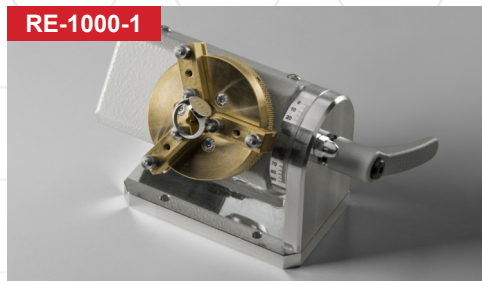


CREATE 3D BAS-RELIEFS



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### R-AXIS ROTATION SYSTEM

Standard rotary clamp for marking rings and bracelets.



### R-AXIS ROTATION SYSTEM WITH MAGNETIC CLAMP

Enhanced spring-loaded rotatry clamp with larger capacity for marking rings and bracelets.



### STANDARD VARIABLE SPEED DUST ASPIRATOR

For efficient metal recovery during engraving. Comes standard with a built-in HEPA filter.



### X-Y AXIS CLAMP

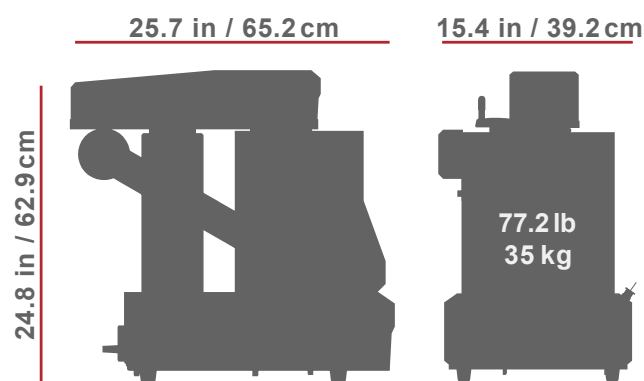
For simple manual positioning of metals. Great for nameplates, knives, watches, and more.



### INTERNAL CAMERA

Allows for easier object positioning.

SPECIFICATIONS		
SKU	RE-3000	RE-3060
ENGRAVER SOFTWARE	EZ-CAD Software	
OUTPUT POWER	30 W	60 W
WAVELENGTH	1064 μm	
WORKING AREA	250 X 250 X 310 mm	
MARKING AREA	up to 160 x 160 mm	
RESOLUTION	up to 20 μm	
GALVO HEAD SPEED	5000 mm/s	
MAX PULSE ENERGY AND DURATION	up to 1.5 mJ at 10 - 200 ms	
MAX FREQUENCY	60 kHz	



## CUTTING SPEED TIME CHART

GOLD PLATE THICKNESS	Circle 15mm (OD)		Name Plate 50mm (L) x 10mm (W)	
	0.5 mm	1 mm	0.5 mm	1 mm

Machine	Power		Time	
	60 W	30 W	16 s	20 s
FIBERLUX NANO	60 W	30 W	16 s	20 s
	75 s	115 s	215s	1021s