

**easy**<sup>TM</sup>

**THE BENCH-TOP  
LASER WELDER  
FOR PRECIOUS  
METALS**

MADE IN ITALY



**PRO**<sup>TM</sup>  
**LASER**



Power, Reliability and no Compromises.

**WIDE LCD SCREEN**

Full-Hd 10" Touchscreen  
with INTEGRATED CAMERA

**STEREO MICROSCOPE  
BY LEICA**

with 10x magnification or,  
alternatively, the 3D LYNX EVO

**LED LIGHTING  
SYSTEM**

powered with warm lights,  
adjustable intensity, flicker-free

**WIDE FRONT OPENING**

for easy access to the  
spacious Welding Chamber

**COMFORTABLE  
AND ERGONOMIC**

working position, designed  
for long work sessions

**BUILD QUALITY**

perfect Stability, high Speed,  
enormous Power, total Reliability,  
and wear-resistant components

**SILKY WELD™**

for smooth and  
homogeneous welding  
on all types of metals

**ECO MODE**

for greater energy  
savings when EASY  
is not in use

**DUAL-RADIATOR  
COOLING SYSTEM**

for 24h / 7d work sessions

**THE PROJECT**

EASY leverages ProLASER's  
extensive expertise in industrial  
LASER welding generators, particularly  
in chain production, where perfect  
stability, high speed, immense power,  
and total reliability are crucial.



As a descendant of automatic chain  
welders, ProLASER's bench welder  
EASY is engineered to perform at the  
highest levels, delivering exceptional  
results even under the most extreme  
conditions, without compromise.  
Tailored for applications demanding  
power, precision, and the endurance  
to handle the most intense work  
cycles, EASY is crafted to address  
precious metalworking challenges,  
providing a robust and dependable  
solution for the jewelry industry.



## Design, Ergonomics and Comfort.

EASY's design is the result of extensive research to find the right balance between form and functionality, size and performance.



EASY has been meticulously designed with ergonomics in mind in order to offer a natural and comfortable working position. The ergonomic configuration **allows operators of all heights and builds to work efficiently and without fatigue, improving work quality and increasing overall productivity.**



## THE SILKY WELD™ QUALITY

SILKY WELD™ is an embedded feature of EASY and it allows for a smoother, softer, and more homogeneous LASER weld, ensuring uniform and clean surfaces on all types of metals, including the most reflective ones. The combination of new optical components and optimized electronics translates into a superior quality weld, for both mechanical and aesthetical better results.



## DUAL-RADIATOR

EASY's DUAL-RADIATOR cooling system is designed for uninterrupted 24h / 7d performance, without the need for auxiliary chillers. With a 6-liter tank, two high-efficiency radd two silent high-speed fans, the cooling system ensures continuous and uninterrupted work sessions.



## INTEGRATED CAMERA

EASY is equipped with an advanced "EMBEDDED CAMERA SYSTEM". The HD camera captures images that are displayed in real-time on the 10" LCD screen, with no lag of sort, alongside the work parameters. The ZOOM function offers digital magnification up to 15x, 20x, or 40x, while the REC function enables video recording of welding sessions onto an external USB memory.



3D vision  
Comfort and  
High Resolution

LYNXEVO

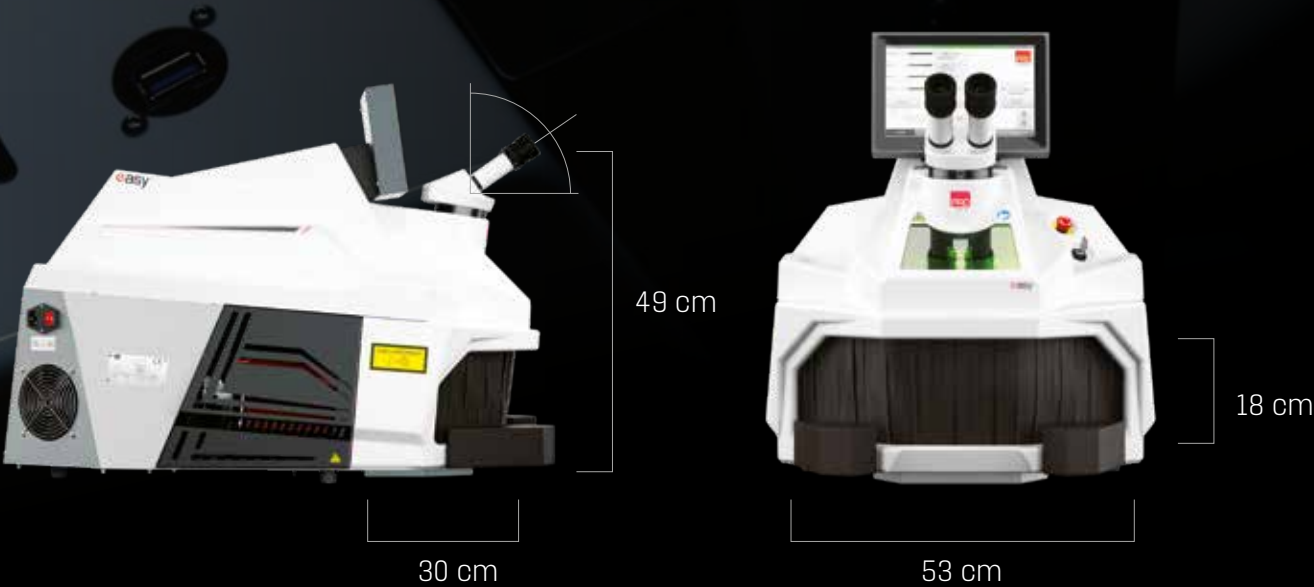
Lynx EVO is an advanced eyepiece-less microscope capable of offering extraordinary high-resolution 3D vision, without the need of eyepieces. Available on EASY, Lynx EVO is an excellent alternative to the LEICA's Stereo Microscope, supplied as standard.



Stereo Microscope  
by LEICA  
The Industry  
Standard

HIGH QUALITY

Since the earliest developments of LASER technology, the stereo microscope has been an inseparable companion for those working with manual LASER welders. ProLASER, committed to providing only the highest quality products, exclusively uses LEICA stereo microscopes for its EASY range of bench LASER welders.



DATA SHEET  
Available versions of EASY

	EASY-1	EASY-2	EASY-3	EASY-3 "S"
LASER Source	Nd: YAG	Nd: YAG	Nd: YAG	Nd: YAG
Wavelength	1064nm	1064nm	1064nm	1064nm
Average Power	95W	100W	110W	140W
Peak Power	7,5kW	9,0kW	10kW	10kW
Max Energy	150 Joule	180 Joule	200 Joule	200 Joule
Pulse Frequency	up to 30Hz	up to 30Hz	up to 30Hz	up to 50Hz
Pulse Duration	0,1 ÷ 20 mS	0,1 ÷ 20 mS	0,1 ÷ 20 mS	0,1 ÷ 25 mS
Spot Dimension	0,2 ÷ 2,0mm (0,1mm Optional)	0,2 ÷ 2,0mm (0,1mm Optional)	0,2 ÷ 2,0mm (0,1mm Optional)	0,2 ÷ 2,0mm (0,1mm Optional)
External Control	10" Color TouchScreen Joystick	10" Color TouchScreen Joystick	10" Color TouchScreen Joystick	10" Color TouchScreen Joystick
Max Working Temp.	39°C	39°C	39°C	39°C
Power Requirements	1-Ph, 220/230 VAC, 50/60 Hz, 10A	1-Ph, 220/230 VAC, 50/60 Hz, 10A	1-Ph, 220/230 VAC, 50/60 Hz, 10A	1-Ph, 220/230 VAC, 50/60 Hz, 16A
Cooling Sistem	Forced Air & Double Radiator 6L	Forced Air & Double Radiator 6L	Forced Air & Double Radiator 6L	Forced Air & Double Radiator 6L
Size (W x D x H)	W 57 x D 92 x H 66 cm	W 57 x D 92 x H 66 cm	W 57 x D 92 x H 66 cm	W 57 x D 92 x H 66 cm
Net Weight	49 Kg	49 Kg	49 Kg	52 Kg

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