

WELDING

MARKING

MILLING

CUTTING

CASTING

## evoX TECH

### Perfect welds, no compromises

Upgraded version of the industry-leading Evo X, Evo X Tech laser welder sets a new benchmark with the **innovative SoftSpot technology** and an **optimized working cycle**, positioning itself as a frontrunner in **performance and efficiency** within the welding industry.



#### ENHANCED PERFORMANCE

With an enhanced cooling system, Evo X Tech can sustain a **continuous working cycle** while upholding the highest standards of welding quality.



#### SMOOTH AND CONSISTENT WELDING

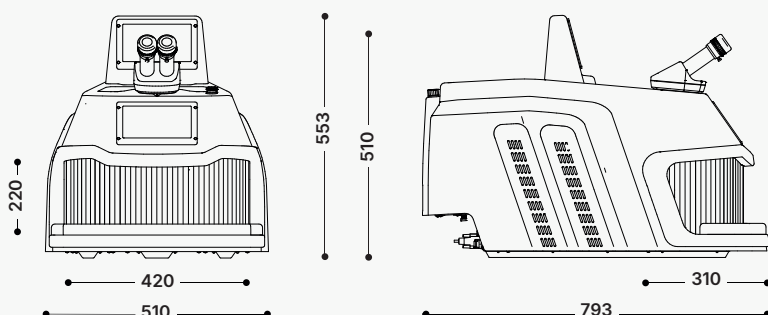
With the SoftSpot technology, Evo X Tech can achieve **clean** and **spatter-free welds** even on reflective materials thanks to soft, adjustable and uniform shots.



#### TOP PERFORMING ON ALL METALS

With a maximum power of 250 J and a peak power reaching 10 kW, Evo X Tech ensures exceptional welding quality, even on reflective metals like **platinum, white gold** and **silver**.

## Performance and quality



\*dimensions in mm

Discover all  
our machines,  
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f y t i n

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# FEATURES

## Leica microscope

Leica 45° stereo microscope with 10x optical zoom and right-eye crosshair.

## IUVAPS™ sanitizing system

Constant sanitisation of the environment thanks to the patented IUVAPS™ system, which eliminates dust and pathogens.

## Wide welding chamber with adjustable LED

Large welding chamber with a usable volume of 27.2 l, ensuring operator comfort and efficiency. Features an adjustable LED lighting system to facilitate welding on reflective metals.



## Intuitive interface

7" touch screen with colour IPS display and 75° viewing angle.

## Ethernet

Telemetry for easy assistance and remote updates.

## Preset programs

Possibility of viewing and recording machining operations and dynamically setting the work program, choosing it from a library of preset programs.

## Patented smart footswitch

The device performs all the functions of the traditional pedal and allows parameters adjustment by varying the pressure on the pedal, without interrupting the workflow.

### ★ PATENTED SYSTEM

# TECHNICAL DATA

## Evo X Tech

CRYSTAL TYPE	Nd:YAG @ 1064
PULSE POWER	250 J
PULSE DURATION	25 ms
PEAK PULSE POWER	10 kW
AVERAGE POWER	90 W
PULSE FREQUENCY	0 - 40 Hz
POWER SUPPLY	115 - 230 VAC ± 10%, 1P + N + PE, 50/60 Hz, 1.8 kW
FOCAL DIAMETER	0.1 to 2 mm
COMMAND ACCESS	External with 7" capacitive touch screen display, internal with rotary switch
COOLING SYSTEM	Liquid cooled (4 l) with forced ventilation
WEIGHT	41 kg

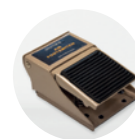
# ACCESSORIES



DYNASCOPE HEAD



ADJUSTABLE MICROSCOPE STAND (5° - 25°)



PNEUMATIC FOOTSWITCH



INTERNAL WRIST REST



ADJUSTABLE HEIGHT TABLE



WELDER PROTECTIVE COVER