



**WELD.  
CLEAN.  
MARK.**

**Global presence**

**Own manufacturing and  
original design**

At LC we work to offer the best laser solutions in the world of welding, industrial cleaning and product marking and engraving.

**LC-WELD SMART**

# LC WELD SMART

**LC-WELD SMART** is the reduced version of our laser welding products with very simple and intuitive software. Part of the LC-WELD range, it has fewer features but the same quality as other equipment. An air cooling system allows us to achieve a small and light equipment. LC-WELD SMART features the same original, LC-designed gun as the PRO model.



**Maximum duty cycle**

**40% efficiency**

**AAC technology**

**1500 W**

**Small size** that makes it a manageable, ergonomic and comfortable machine to work with.

**Simple use** that does not require great experience on the part of the welder.

**The Active Aire Cooling cooling system**, ideal for this type of equipment, ensuring its correct cooling through a gas circuit.

**Efficient** machine (40%), which works at **high speed** (0-60mm/s), achieving **clean, precise** and **resistant** welds.

Great versatility for welding metals: **Carbon steel, stainless steel, aluminum, galvanized steel, titanium and special alloys.**



**TIG**

**LASER**



**PENETRATION**

1.0-1.5mm

up to 5mm

**SPEED**

slow welds

very fast welds

**DISTORTION**

lots of deformation

minimal deformation

**SKILL**

highly skilled welder

no great experience required



**Improved drag quality**

**Removable feeder without the need of an external system**

**Electronic board manufactured by LC**

**Motor with Encoder and made in Italy**



**Removable feeder**

**7" screen**

Simple control of simple and intuitive software.

**Electronics by LC**

All developed by LC with its own firmware.

**Laser with 40% efficiency**

Highly efficient laser.



**NEW  
LC-GUN V4**

- Built-in driver.
- 2 axes.
- SM technology
- Original LC design.

**Interchangeable tip**

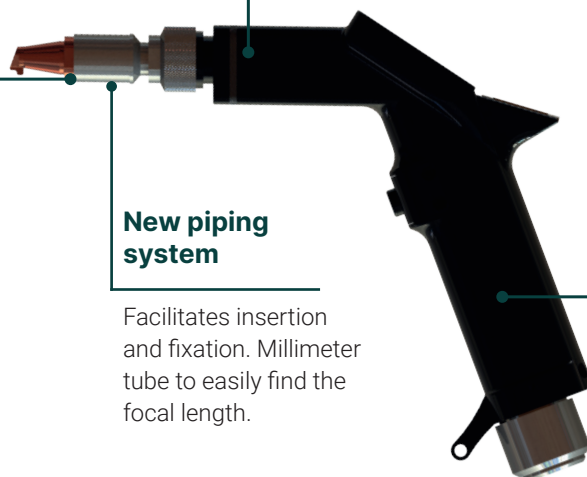
Possibility of varying the laser nozzles for all types of work and also of carrying out LASER CLEANING

**New piping system**

Facilitates insertion and fixation. Millimeter tube to easily find the focal length.

**The brightest**

300g. less than the previous model



# LC WELD

## LC WELD SMART

VS

## LC WELD PRO

1500W

7" screen

1500W

10" screen

### SOFTWARE



4.0 Tech



User control



Cost control



Jobs



Video tutorials



### LASER



Anti reflex



Super pulse



Ethernet/IP



>40%

Electric-optical conversion efficiency

>42%

500W

Power of each laser diode

350W

Smaller

<70kg

Active Air Cooling

Larger size

<120kg

Water cooling

