

CE Declaration of Conformity

Us

LaserComercial Enterprise
C/ Tomas Viladomiu, 61
08650 - Sallent
(Barcelona)



We declare, under our sole responsibility, that the installation:

Generic name:	Laser Welding
Brand:	LC LASERS
Model:	LC – WELD PRO
Año de expedición:	2023

classified as a machine, according to directive 2006/42/CE - *Machinery Directive*, and to which this declaration refers, it adapts to what is reflected in the following standards or regulatory documents, among others:

EN ISO 12100:2012 - Safety of machinery - General principles for design - Risk assessment and risk reduction.
EN ISO 11553:2020 - Safety of machinery - Laser processing machines - Part 1: Laser safety requirements
EN ISO 11553:2020 - Safety of machinery - Laser processing machines - Part 2: Laser safety requirements
EN ISO 12254:2010 - Screens for laser working places - Safety requirements and testing
EN 60204-1:2007 - Safety of machinery - Electrical equipment of machines - Part 1: General requirements
EN ISO 14120:2016 - Safety of machinery - Guards - General requirements for the design and construction of fixed and movable guards
EN ISO 14119:2014 - Safety of machinery - Interlocking devices associated with guards - Principles for design and selection
EN ISO 13857:2008 - Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs
EN ISO 13850:2007 - Safety of machinery - Emergency stop - Principles for design.
EN 50081-2:1993 - ELECTROMAGNETIC COMPATIBILITY. GENERIC EMISSION STANDARDS. PART 2: INDUSTRIAL ENVIRONMENT
EN ISO 13849-1:2009/AC - Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design.
EN 13849-2:2013 - Safety of machinery - Safety-related parts of control systems - Part 2: Validation.
EN 13732-1:2008 - Ergonomics of the thermal environment - Methods for the assessment of human responses to contact with surfaces - Part 1: Hot surfaces
EN 1837:1999+A1 - Safety of machinery - Integral lighting of machines
EN 61310-2:1995 - SAFETY OF MACHINERY. INDICATION, MARKING AND ACTUATION. PART 2: REQUIREMENTS FOR MARKING
EN 61310-3:1999 - Safety of machinery - Indication, marking and actuation -- Part 3: Requirements for the location and operation of actuators.
EN 60825-1:2015 - Safety of laser products - Part 1: Equipment classification and requirements.
EN 60825-4:2007 - Safety of laser products -- Part 4: Laser guards (IEC 60825-4:2006).

The described product complies with the following European Directives:

2014/35/UE Low Voltage Directive

2014/30/UE Electromagnetic Compatibility Directive

2006/42/EC Machinery Directive

The company indicated above will be in charge of compiling the Technical Construction File at the motivated request of the competent national authorities, as indicated in Annex II 1.A section II of the aforementioned Directive 2006/42/CE.

 **LC Lasers**
LaserComercial Enterprise NIF:867583120
C/ Tomás Viladomiu 61, 08650 Sallent (Barcelona)

Sallent,
March 20, 2023
(Place and date of exposition)

Ferran Sardans
Technical director
(Name and signature)