

Declaration of conformity CE

Us

Laser Comercial Enterprise
C/ Pere Andorrà 5, Nau 6
08650 - Sallent
(Barcelona)



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

Generic name: Laser Safety Cabin
Brand: LC LASERS
Model: LC – CABIN V2
Emission year: 2024

classified as a machine, according to Directive 2006/42/EC - *Machinery Directive*,

and to which this declaration refers, is adapted to what is reflected in the following regulations or regulatory documents, among others:

EN ISO 12100:2012 - Safety of machines. General principles for design. Risk assessment and risk reduction.
EN ISO 11553:2020 - Safety of machines. Laser processing machines. Part 1: General security requirements.
EN ISO 11553:2020 - Safety of machines. Laser processing machines. Part 2: General security requirements.
EN ISO 12254:2010 – Screens for workstations with lasers. Safety requirements and tests.
EN 60204-1:2007 - Electrical equipment of machines. Part 1: Requirements. General
EN ISO 14120:2016 - Safety of machines. Guards. General requirements for the design and construction of fixed and mobile guards.
EN ISO 14119:2014 - Interlocking devices associated with guards. Principles for design and selection
EN ISO 13857:2008 - Safety distances to prevent dangerous areas from being reached with the upper and lower limbs
EN ISO 13850:2007 - Emergency stop. Principles for design.
EN 50081-2:1993 - Electromagnetic compatibility. Generic emission standard. Part 2: Industrial Environment
EN ISO 13849-1:2009/AC - Machinery safety. Safety parts of command systems. Part 1: General principles for design.
EN 13849-2:2013 - Safety of machines. Safety parts of command systems. Part 2: Validation.
EN 13732-1:2008 – Ergonomics of the thermal environment. Methods for evaluating human response to contact with surfaces. Hot surfaces.
EN 1837:1999+A1 – Safety of machinery. Integrated lighting in the machines
EN 61010-1 – Safety requirements for electrical equipment.
EN 61310-2:1995 - Safety of machines. Indication, marking and manoeuvring. Requirements for marking.
EN 61310-3:1999 - Machinery safety. Indication, marking and manoeuvring. 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 radiation protection systems.
98/37/EC, Machinery Directive.
2006/95/EC, Low Voltage Directive.
2004/108/EC, EMC Directive.

The product described complies with the following European Directives:

2014/35/EU Low Voltage Directive

2014/30/EU Electromagnetic Compatibility Directive

2006/42/EC Machinery Directive

The above-mentioned company will be responsible for compiling the Technical Construction File at the reasoned request of the competent national authorities, as indicated in Annex II 1.A section II of the aforementioned Directive 2006/42/EC.

Sallent,
15th November of 2024
(Place and date of expedition)

Ferran Sardans
Technical Director
(Name and signatura)

