

INDUSTRIAL CNC MACHINERY
Quality · Global service · Customized solutions

CO₂ Laser

SW1325S

LARGE FORMAT FOR ENGRAVING AND CUTS



CO₂ Laser

SW1325S

PROFESSIONAL LASER FOR LARGE CUTS AND ENGRAVINGS

It can cut a multitude of materials, including plastics, woods, foams, fabrics... The cuts are precise and without leaving burnt material, the methacrylate for example is left with a polished finish. Apart from being able to cut, they are capable of engraving any type of photographic quality image. Any logo, text or photo can be engraved in high definition.



TYPE OF TABLE

High resistance table designed and prepared for large cuts and engravings.



NUMERICAL CONTROL

The control of the laser is very easy, just use a single software with a simple interface. It has a display that facilitates start-up tasks. In addition, it is possible to use it connected directly to the PC via USB port or directly with a USB flash drive on the machine.



GUIDING SYSTEM ON THE AXES

All axes use prismatic ball bearing sliders. Y-axis uses double line. TBI MOTION brand.



TRANSMISSION ENGINES

High precision stepper motors.



LASER POSITIONING

Thanks to the built-in red pointer, locating the laser to start working is a quick and easy task.



GREAT STRENGTH

It is a laser designed for work on materials of large and heavy measures, thanks to its characteristics and manufacturing.



LASER TUBE, MIRRORS AND FOCAL LENS

- CO₂ laser glass tube.
- Powers of 60 W, 100 W, 150 W. Wavelength 10.6 μ m.
- 35 mm metal mirrors.
- 55 nm SiZn focal lens.



TUBE COOLING

- Cooled by an industrial chiller model CW-5000.
- Display with current water temperature.
- Able to maintain the same temperature for a perfect operation in cuts.



CONTROLLER CARDS

JMC Two-Stage Micro-Step Drive.

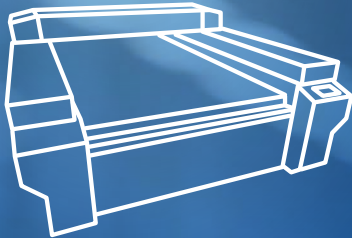


DRIVE SYSTEM ON THE AXES

Timing belts. Double belt system on Y axis.



**INDUSTRIAL STANDARD
CLASSIFICATION CODE
08-A-284-13020079**



technical specifications

CO₂ Laser SW1325S

Work area (X, Y)	1300x2500 mm.
Z height	100 mm.
Laser power	60 W. / 100 W. / 180 W. / 260 W. / 500 W.
Type of table	Table prepared for large cutting and engraving.
Transmission engines	Great precision stepper motors.
Guiding system	Prismatic ball bearing sliders. TBI MOTION brand.
Power supply	220 V.
Included	<ul style="list-style-type: none">- Refrigerator cooler for laser tube water.- RD Works V8 software.- Easy axis positioning with laser pointer.- Autofocus system.- Includes membrane compressor to avoid the flame when cutting.



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YOU CAN SEE OUR PRODUCTS.**
WE WILL ADVISE YOU ON EVERYTHING YOU NEED AND
WE WILL RECOMMEND THE SOLUTION THAT BEST
SUITS YOUR NEEDS.

WARRANTY AND CERTIFICATES

Warranty policy on the website.

Together with the guarantee of quality and industrial performance that we provide as manufacturers, and that is backed by a large number of customers, **another fundamental element that differentiates our products is their certification and CE marking (European Conformity)**, which in our case means that the manufacturing and delivery processes have been audited by an external entity, which has endorsed that they are compliant with harmonized European regulations, respecting the relevant health and safety requirements, and therefore their manufacture, marketing and use is authorized in any country of the European Union.

Always choose a product duly approved and marked, since there are quite a few examples of products on the market WITHOUT THE CE MARKING or WITH AN INCORRECT OR FRAUDULENT CE MARKING, which can derive in the withdrawal of the machine by the competent inspection and control authorities, to problems with insurance, civil liability or labor risk prevention regulations.