INDUSTRIAL CNC MACHINERY

Quality · Global service · Customized solutions

CNC MILLING MACHINE

SW9015

CNCbárcenas

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CNC Milling Machine SW9015

JOBS IN 2D AND 3D

ROBUSTNESS · PRECISION · EASY TO USE

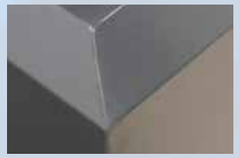
Capable to perform different jobs such as cutting, engraving, reliefs ... Prepared for multiple sectors (carpentry, signage) and materials (resins, plastics, composite aluminum) ... 2D and 3D jobs.

Numerical control

Transmission Engine

XY axes transmission system

Slotted table



Robustness

STRUCTURE
Structure and bridge made of steel, ready for heavy duty jobs.

TABLE
Formed by grooved aluminum profiles, T-shaped. Jaws are provided for fastening the parts to the table.

NUMERICAL CONTROL
Named DSP (Digital Signal Processing) controller, allows to position the machine and start the jobs in a quick and simple way, compared to other systems that require complex learning.

SPINDLE
Air-cooled, high frequency and brushless motor. HQD brand.
- Power: 2.2 KW. - 3 HP.
- ER20 milling tool holder (1 to 13 mm)
- 4,500 to 18,000 rpm. Adjustable speed using numerical control (DSP). Able to reach 18,000 rpm and perform cutting, engraving, 3D reliefs in wood, plastics, resins, foams and many other materials.

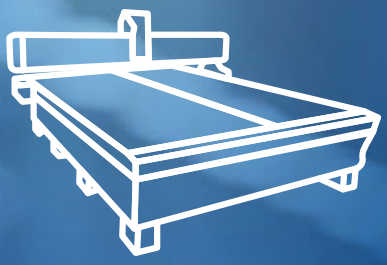
AXIS GUIDANCE SYSTEM
20mm HIWIN sliders. Double line on each axis.

TRANSMISSION
High precision steppers motors. NEMA 34 model 450B.

CONTROLLER CARDS
Two phases Micro-Step drivers, JMC brand.

TRANSMISSION SYSTEM
A calibrated ballscrew is used on all axes to transmit the force of the stepper motors. This provides maximum precision. TBI brand, model 2510.

INDUSTRIAL STANDARD CLASSIFICATION CODE
08-A-284-13020079



technical specifications

CNC Milling Machine SW9015

Total measures	1550x2150x1700 mm.	**Numerical control**	Independent control. No computer required.
Work area	900x1500x200 mm.	**Maximum speed**	On air: 15 meters / min. Working: 10 meters / min.
Weight	300 Kg.	**Resolution**	+/-0.005 mm.
Workpiece clamping	T-slotted aluminum profile table.	**Included**	Set of milling tools for soft materials. Probe for zeroing Z axis.
Guidance system	HIWIN sliders on all axes. Double line on each axis.	**Power supply**	220 V.
Transmission system	High quality ballscrews on XYZ axes. Model: TBI 2510.		
Transmission engines	Stepper motors. Model: 450B.		
Spindle	2.2 KW. - 3HP HQD brand. Air cooled.		
Tool change	Manual ER20.		

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WE CAN MAKE AN APPOINTMENT SO 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.

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