

INDUSTRIAL CNC MACHINERY
Quality · Global service · Customized solutions

5-AXIS MACHINING CENTER



 **CNCbarcenas**
www.cncbarcenas.com



5 Axis Machining Center

ROBUSTNESS · PRECISION

CUSTOM MANUFACTURING

A robust, high-performance system that allows the creation of highly complex parts quickly and easily, capable of performing in all possible machining jobs. It offers great performance and precision thanks to its very complete control system and CNC technology.



Automatic tool change system

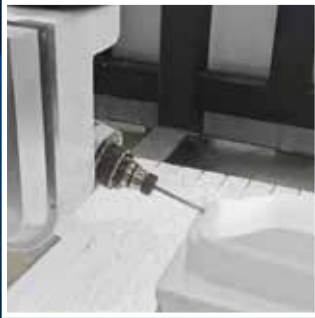


Different options for Head and Electrospindle





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



technical specifications

5 Axis Machining Center

CUSTOM MANUFACTURING OF THE WORK AREA AND THE INSTALLED COMPONENTS

STANDARD MODEL

Work area	2000x5000x1200mm. Custom made.
ATC	Automatic change system of 12 tools.
Workpiece clamping	T-slotted aluminum profile table.
Spindle	HSK 63F taper. (Up to 24.000 rpm). Water cooled.
Rapid Feed Rate	XY Axis: 15-35m/min. Z Axis: 5-10m/min.
Cutting Speed	XY Axis: 6-10m/min. Z Axis: 3-5m/min.
Control	Numerical Control SYNTEC 610.
Transmission engines	Servomotors.
Guidance system	HIWIN 45mm sliders.
Transmisión	XY axis: helical racks. Z axis: high quality 50 mm. ball screw.

Option specially designed for intensive work on light alloys such as aluminum:

- HITECO 5 AXIS HEAD (Made in Italy).
- HITECO 22 KW electrospindle.

Rotation angles:

A Axis: +/- 130° C Axis: +/- 220°.



Option for foams, wood, technical plastics, composites (CF or GF) and sporadic aluminum work.

- HITECO 5 AXIS HEAD (Made in Italy).
- HITECO 12 KW electrospindle.

Rotation angles:

A Axis: +/- 130° C Axis: +/- 220°.



Option for work on foams, wood and technical plastics.

- HEAD 5 AXIS DEMAS (Made in Italy).
- Reducer Made in Italy
- HQD 12 KW electrospindle.

Rotation angles:

A Axis: +/- 130° C Axis: +/- 220°.



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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.