

	AXONV 3 AXES	AXONV 5 AXES
Working area XY	805 x 1.015 mm	
Max. travel Z	220 mm	
Bridge passage	200 mm	165 mm
Electrospindle	Power 4 kW (S6) Speed 40.000 rpm	
Automatic tool change	Up to 30 positions	
Worktop	In rectified aluminium, with blocking system inserts	In rectified aluminium, with disengagement for fifth axis
Blocking system	Available	
Swarfs collection	Suction cap Hopper with lower containers	
Probing system	Available	
Rotary axes	Fourth rotary axis (optional)	Fourth and fifth rotary axes
Lubrication system	Minimal air/liquid lubrication	
Motors	Brushless with absolute encoder	
Numerical control	Mitsubishi	
Linear scales	Available	
Transmission	High precision gantry and ball screws	
Axes speed	Up to 1.000 mm/sec [60,0 m/min]	
Dimensions	1.800 x 1.800 x 1.980 (h) mm	
Weight	850 kg	

AXO-25-0-EN

Ronchini Massimo S.r.l.
Via Parri, 7
43035 Felino (PR)
Italy

(+39) 0521 835858
info@rmtechnologies.it
www.rmtechnologies.it



Ronchini Massimo S.r.l. reserves the right to modify the contents of the document at any time and without prior notice.

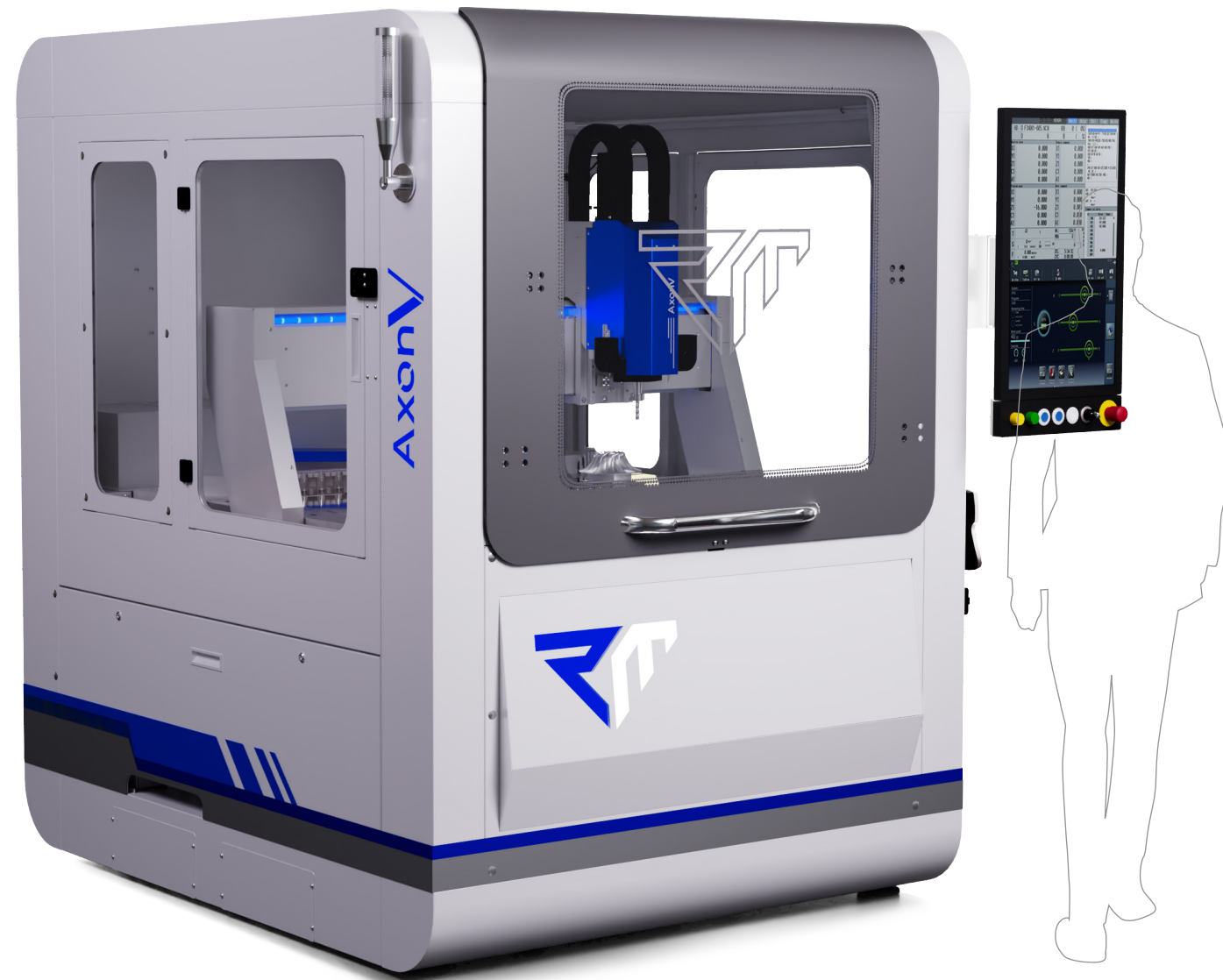


RONCHINI
MILLING
TECHNOLOGIES

AXONV

HIGH-END MILLING

THE PERFECT HARMONY BETWEEN PRECISION AND VERSATILITY THANKS TO THE DUAL MILLING TECHNOLOGY OF SHEETS AND 5-AXIS VOLUMES.



AXON V

HIGH POWER ELECTROSPINDLE

- Power 4 kW
- Speed 40.000 rpm
- HSK E25 tool holder
- Liquid cooling
- Swarfs station with retractable pneumatic hood
- Minimal lubrication with retractable nozzles

AUTOMATIC TOOL CHANGE

- Configurable station up to 30 positions
- Presetting for automatic measurement of tool length and diameter

TRANSMISSION AND STRUCTURE

- Heavy electrowelded structural steel frame
- Brushless motors with absolute encoder
- High rigidity rectified guides
- Transmissions with high precision gantry and ball screws

SAFETY AND ERGONOMICS

- Doors opening on three sides
- Vertical sliding front door with minimum footprint
- Smart access with ergonomic working position

CNC SYSTEM



- Latest-generation Mitsubishi numerical control for top-level dynamics and precision
- Ergonomic and functional control console equipped with 27" touch screen panel, emergency buttons and joypad with handwheel for manual movement of the axes

RENISHAW PROBE

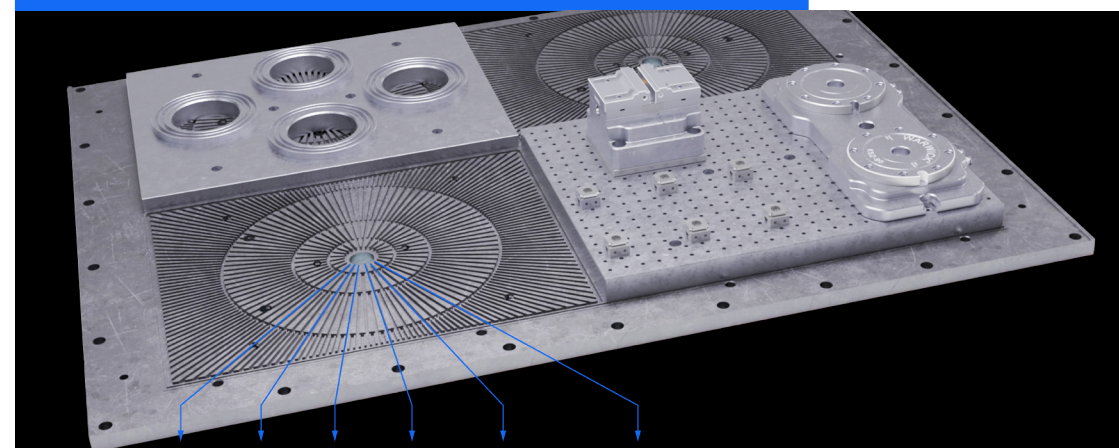


- Retractable probe, integrated inside the Z group, for measuring the dimensions of the piece and the working origins

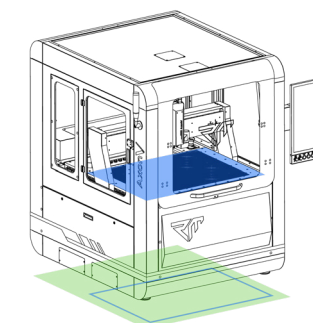
CONFIGURATION WITH FIFTH AXIS

- Available on request with a 5-axis rotary tilting table, it transforms the machine from a 3-axis milling machine into a true 5-axis work centre in just a few minutes.

VERSATILE WORKTOP



- Vacuum holding system for the three axes version, with 4 zones that can be activated separately
- Wide range of equipment and accessories for mechanical fastening



- Working area to floor space ratio among the best in its category