

	SKYMILL	SKYMILL EVO
Working area XY	2.030 x 1.080 mm	
Max. travel Z	190 mm	
Bridge passage	190 mm	
Electrospindle	Power 8 kW (S6) Speed 36.000 rpm	Power 14,4 kW (S6) Speed 24.000 rpm
Automatic tool change	15 positions	30 positions
Worktop	In rectified aluminium, with blocking system inserts	
Vacuum blocking system	Available, with partialization in zones	
Swarfs collection	Suction hood Hopper with lower containers	
Probing system	Available	
Lubrication system	Minimal air/ liquid lubrication	
Motors	Mitsubishi - Brushless with absolute encoder	FANUC - Brushless with absolute encoder
Numerical control	Mitsubishi	FANUC
Transmission	Advances with rectified ball screws	
Axes speed	Up to 1.000 mm/sec [60,0 m/min]	
Dimensions	3.700 x 1.800 x 2.200 (h) mm	
Weight	3.500 kg	

SKY-24-0-EN

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

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

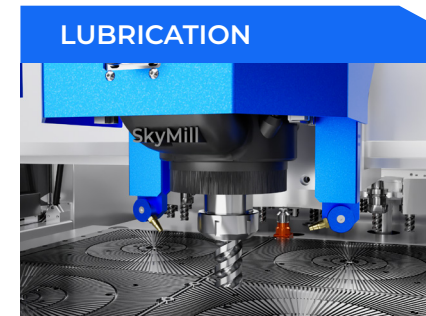
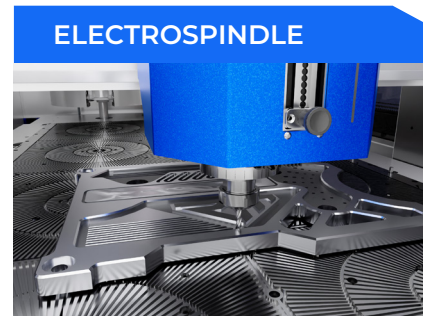
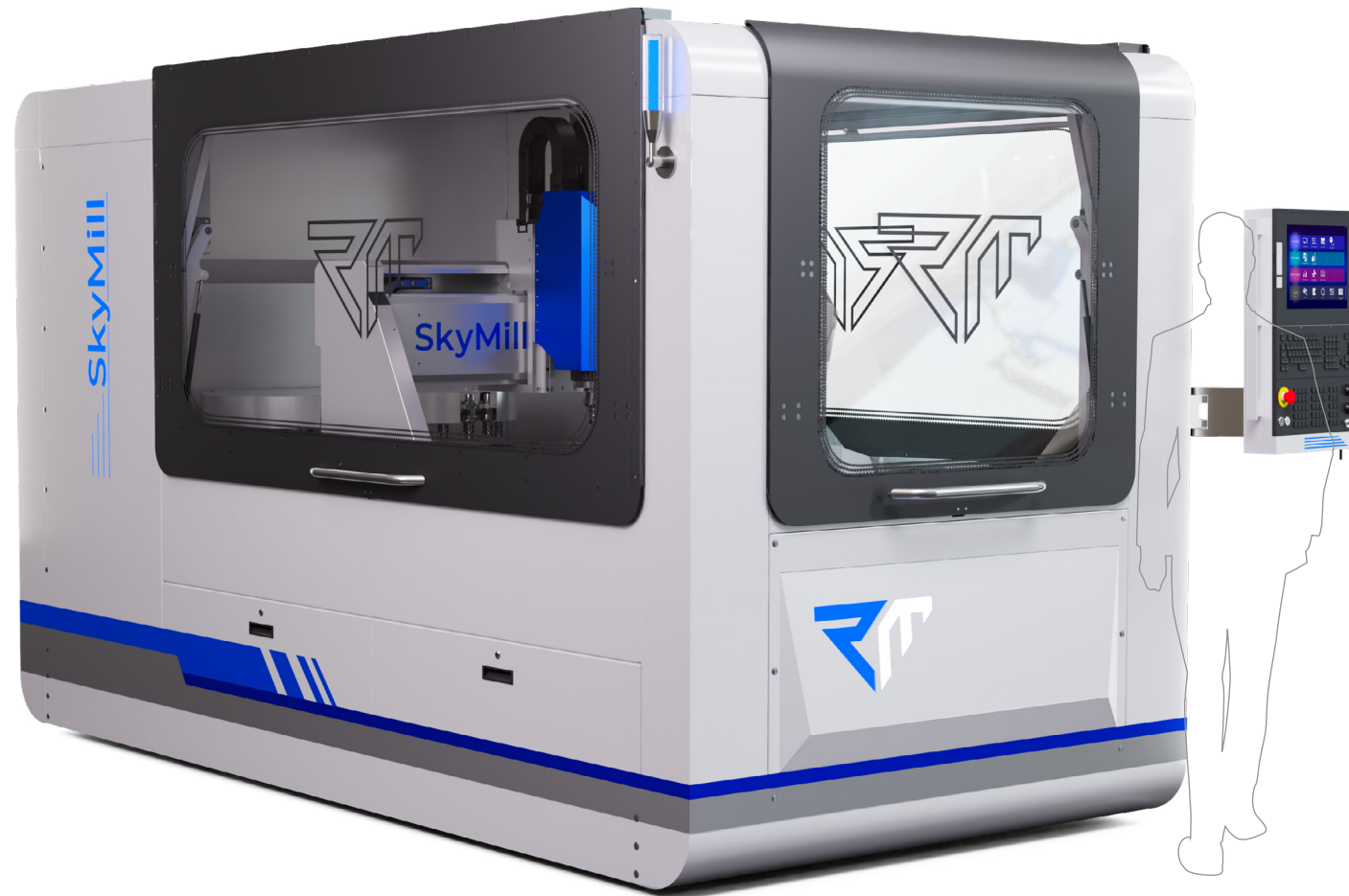


Ronchini Massimo S.r.l. reserves the right to modify the contents of the document at any time and without prior notice.

SKYMILL

HIGH-END MILLING


THE EXCELLENCE OF SHEET MILLING MERGES INTO A PERFECT COMBINATION OF PRECISION, POWER AND VERSATILITY.



SKYMILL

HIGH POWER ELECTROSPINDLE

- Power 8 kW or 14,4 kW
- Speed 36.000 rpm or 24.000 rpm
- HSK E40 or HSK F63 tool holder
- Rigid tapping
- Liquid cooling
- Swarfs station with retractable and height-adjustable pneumatic hood
- Double lubrication system consisting of 2 internal nozzles and 2 external nozzles to the shell to offer maximum working flexibility

TRANSMISSION AND STRUCTURE

- Electrowelded frame with 12 mm thickness and very high rigidity
- Brushless motors with absolute encoder
- High precision rectified guides with preloaded pads
- Advances with class C5 recirculating ball screws
- 3.5 tons of weight to guarantee maximum stability and processing precision

SAFETY AND ERGONOMICS

- Doors opening on three sides
- Vertical sliding doors with minimum footprint
- Smart access and possibility of loading plates from the front, side or top

CNC SYSTEM

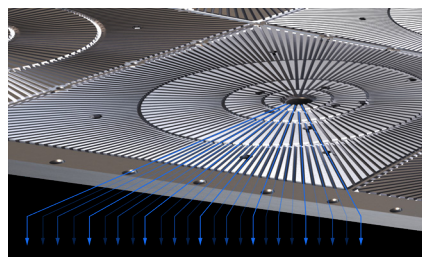


- FANUC and Mitsubishi control systems guarantee maximum levels of precision, reliability, speed and interpolation
- FANUC Oi-FP CNC control unit ergonomic and functional control console equipped with 15" panel, emergency buttons and joypad with handwheel for manual movement of the axes, on SkyMill EVO
- Ergonomic and functional control console equipped with 27" touch screen panel, emergency buttons and joypad with handwheel for manual movement of the axes, on SkyMill

RENISHAW PROBE



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



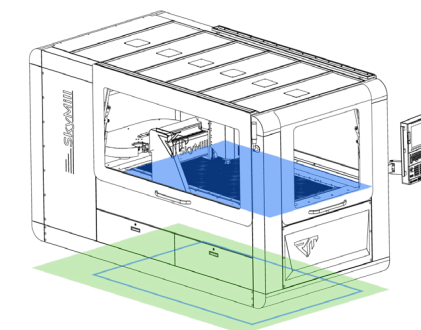
RECTIFIED ALUMINUM WORKTOP

- Vacuum holding system with 8 zones partializable via software
- Blocking system with mechanical fastening
- Large work surface with a thickness of 30 mm capable of accommodating sheets up to 2000 x 1000 mm



AUTOMATIC TOOL CHANGE

- Configurable station with 15-station rack on SkyMill or double 15-station revolver (total 30 stations) on SkyMill EVO
- Presetting for automatic measurement of tool length and diameter



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