

	XTREME	XTREME EVO
Working area XY	4.100 x 2.050 mm	
Max. travel Z	310 mm	
Bridge passage	300 mm	
Electrospindle	Power 18 kW (S6) Speed 24.000 rpm	Power 30 kW (S6) Speed 24.000 rpm
Automatic tool change	38 positions	78 positions
Worktop	In rectified aluminium, with blocking system inserts	
Vacuum blocking system	Available, with partialization in zones	
Swarfs collection	Suction hood	
Probing system	Available	
Lubrication system	Minimal air/ liquid lubrication	
Motors	Brushless with absolute encoder	
Numerical control	Mitsubishi	FANUC
Linear scales	Available	
Transmission	X gantry and Y with precision racks and double pinion	
Axes speed	Up to 1.600 mm/sec [100,0 m/min]	
Dimensions	6.500 x 3.100 x 2.300 (h) mm	
Weight	9.000 kg	

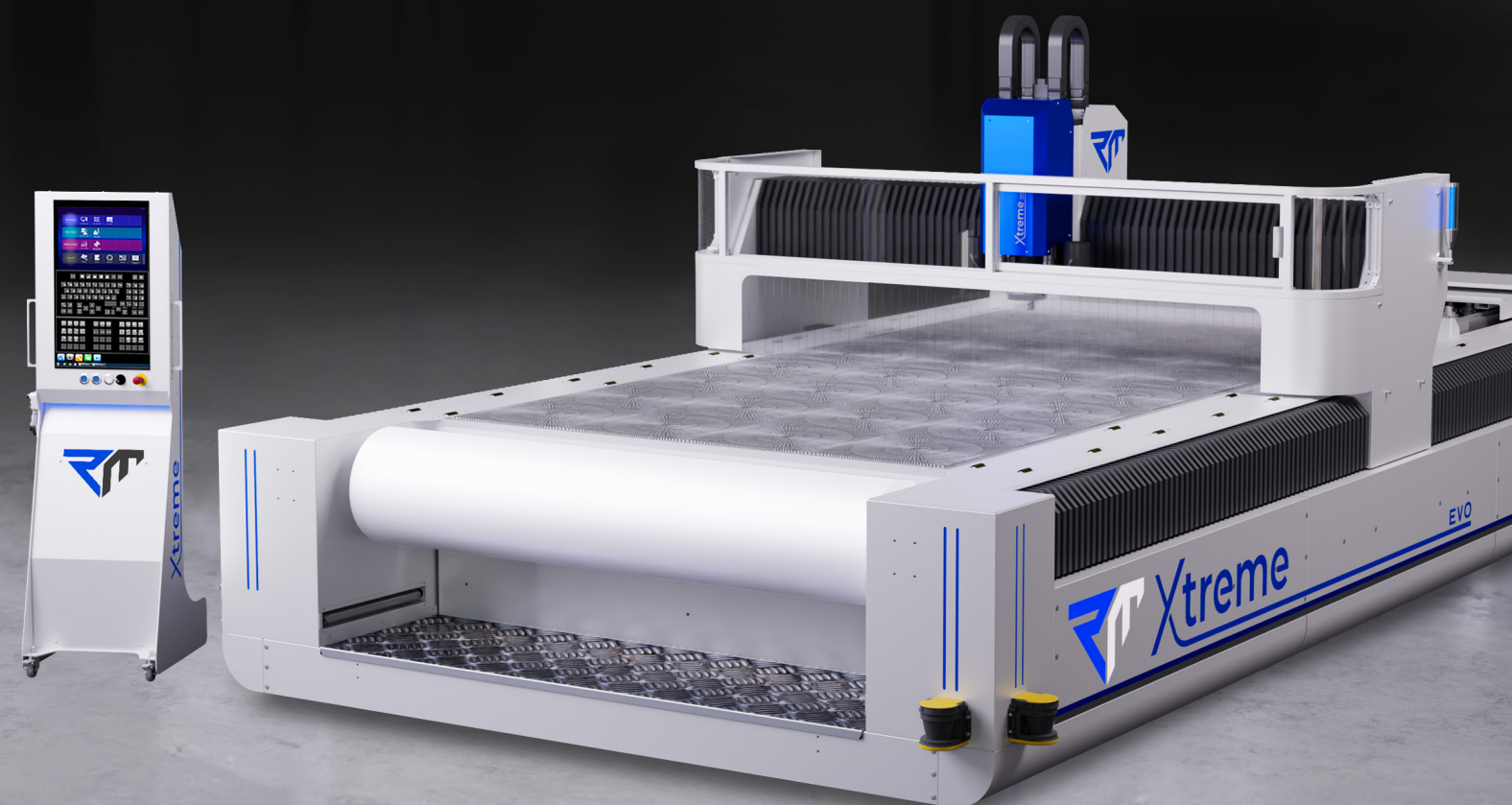
XTR-240-EN

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XTREME

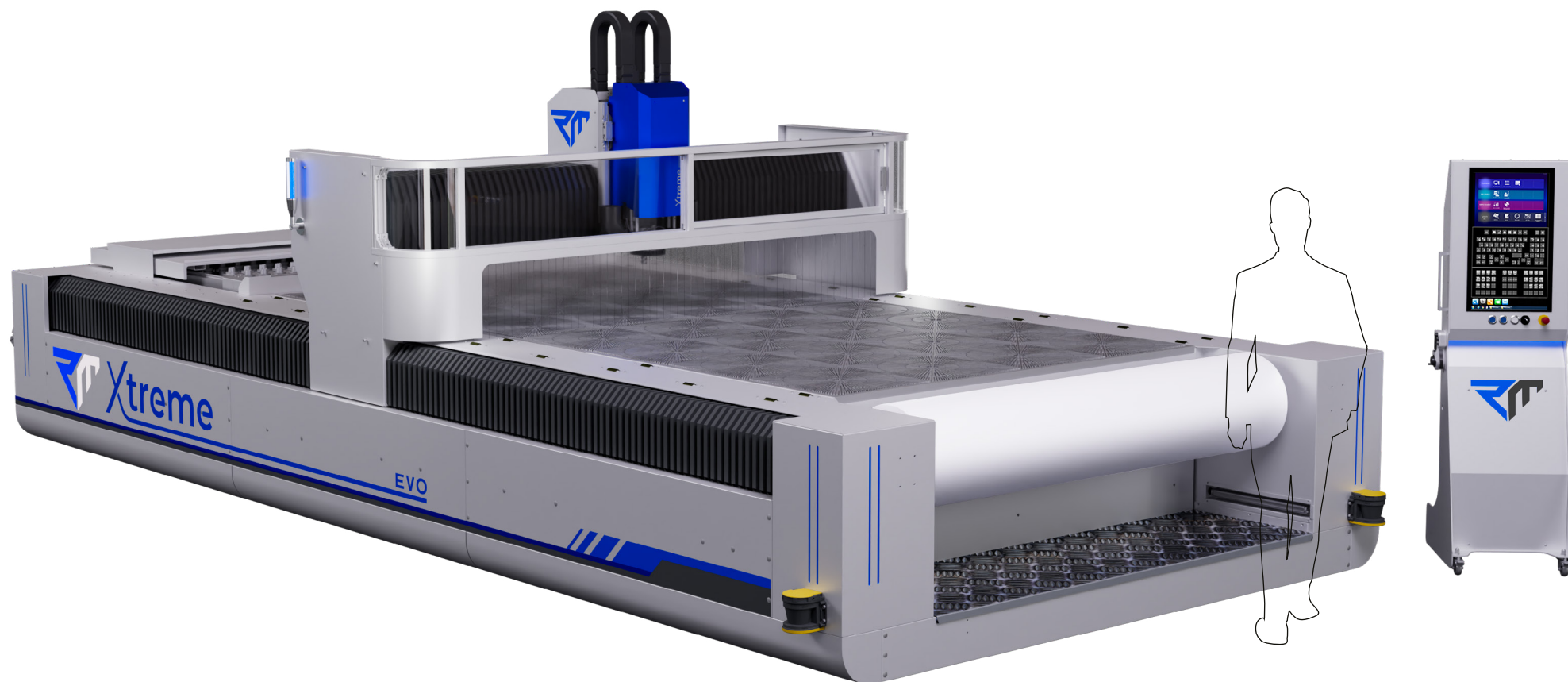
HIGH-END MILLING

XTREME

THE NEW FRONTIER OF MILLING... EXTREME IN EVERY DETAIL.

THE BEST OF XTREME

- 9 tons of weight
- 30 mm milled aluminum worktop
- 30 kW of power (S6)
- 1 hundredth of precision
- 78 milling tools
- Up to 100 m/min of rapid speed
- 32 independent suction zones



HIGH POWER ELECTROSPINDLE

- Power 18 kW or 30 kW
- Speed 24.000 rpm
- HSK F63 cone attachment
- Rigid tapping
- Liquid cooling
- Swarfs collection 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

AUTOMATIC TOOL CHANGE

- 38 or 78 position station
- Presetting for automatic measurement of tool length and diameter

TRANSMISSION AND STRUCTURE

- Electrowelded frame with 12 mm thickness and very high rigidity
- Brushless motors with absolute encoder
- X gantry and Y axis feeds with precision racks and double pinion

ABSOLUTE PRECISION

- Movement in x and y with double pinion and zeroing of the backlash with the possibility of installing linear scales on x, y and z

SAFETY

- Automatic shutdown system based on laser scanner and anti-projection strips

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 joystick 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 joystick 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 ALUMINIUM WORKTOP

- Mechanical blocking system
- Vacuum blocking system with software partitioning up to 32 independent areas

ACCESSIBILITY

- Maximum accessibility for sheet loading and unloading operations
- Machine perimeter equipped with scratch-proof roller conveyors for easier handling of the sheets
- Vacuum vertical fastening for working on the side of the sheets

