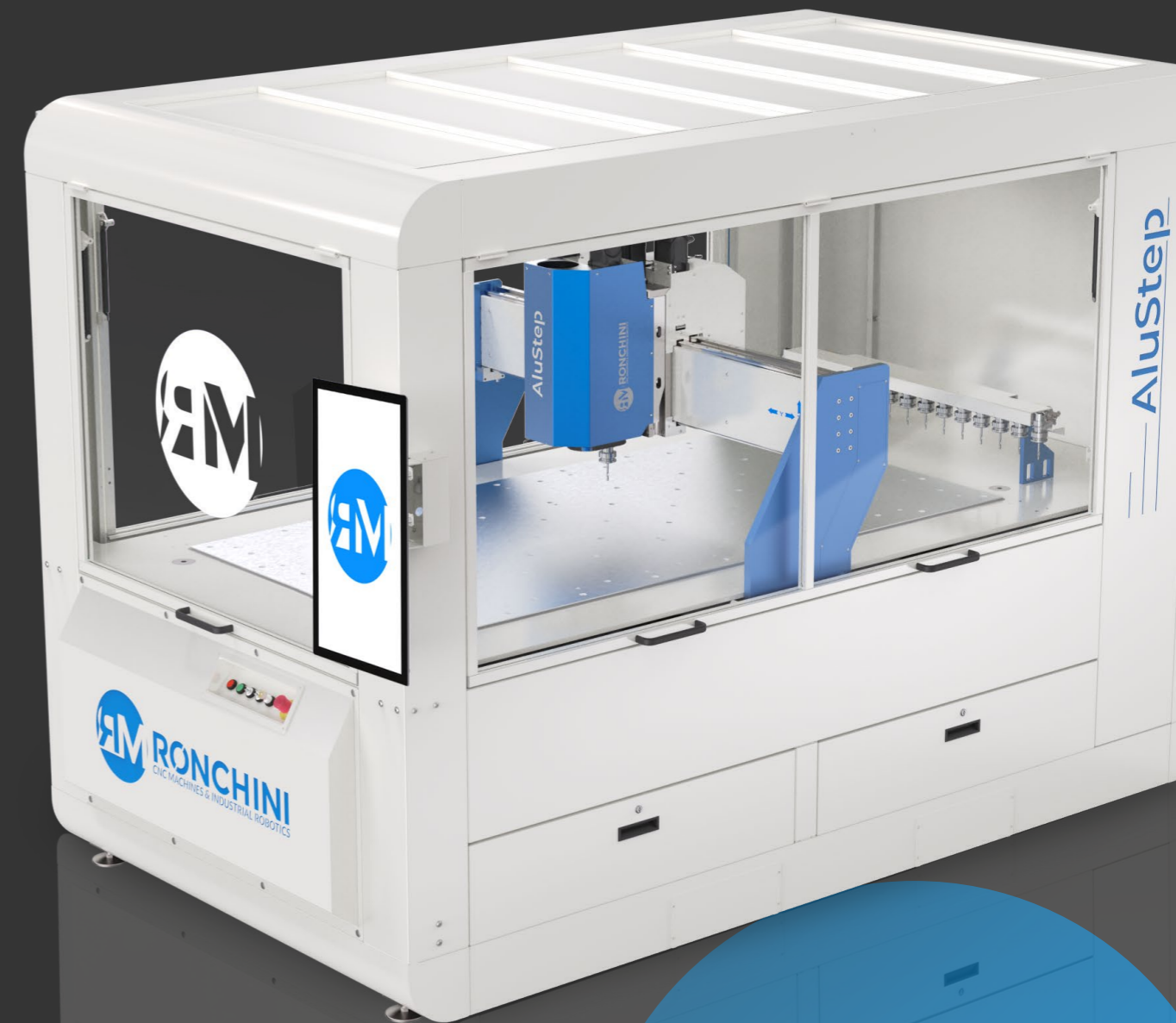


AluStep

Working area XYZ	2080 x 1080 x 160 mm
Max. travel Z	160 mm
Bridge passage	174 mm
Electrospindle	Power 8 kW Speed 40.000 rpm Tool holder attachment HSK E40 (optional)
Automatic tool change	15 positions
Worktop	In ground aluminium, with steel fixing dowels
Vacuum fastening	Available (optional)
Swarfs collection	Suction cap Side containers
Feeler probe	Available (optional)
Lubrication system	Minimal air/oil lubrication and AirJet
Motorization	Brushless with absolute encoder
Numerical control	OSAI - Command console
Movement	X gantry and Y with helical tooth precision racks, Z with recirculating ball screws
Axes speed	XY up to 1.000 mm/sec [60,0 m/min] Z up to 500 mm/sec [30,0 m/min]
Dimensions (approximate)	3.000 x 1.670 x 2.150 (h) mm (closed doors)
Weight (approximate)	1.600 kg



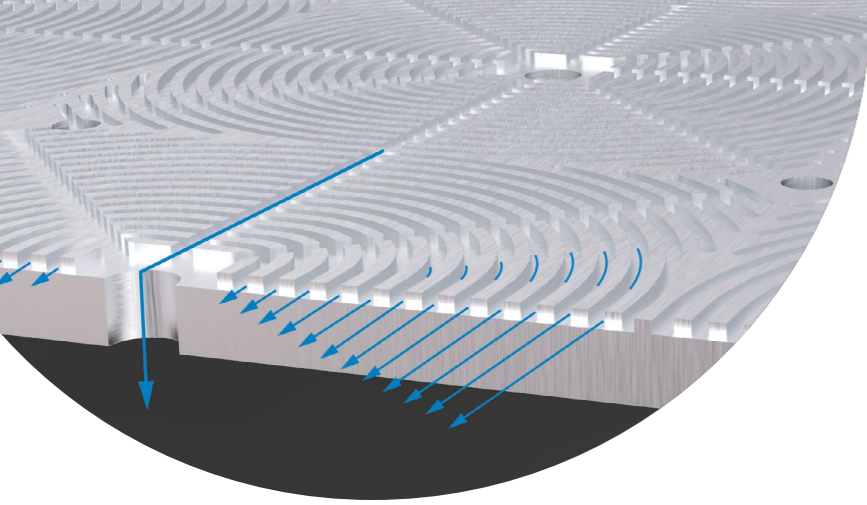
Ronchini Massimo S.r.l.
Via Parri, 7 - San Michele Tiorre
43035 Felino (PR) Italy

Contact us for a quotation
(+39) 0521 835858
info@ronchinimassimo.com
www.ronchinimassimo.com



ALUSTEP

High-end milling



Extraordinary power and versatility for milling sheets of various materials.

AluStep



1 Worktop

- > Ground aluminium work surface
- > Mechanical clamping system
- > Vacuum holding system

2 High-power electrospindle

- > Power 8 kW
- > Speed 40.000 rpm
- > HSK E40 tool holder attachment
- > Liquid cooling
- > Swarfs suction with retractable pneumatic hood

3 Automatic tool changer

- > 15 positions station
- > Presetting with automatic measurement of tool length

4 Movement and structure

- > Heavy electrowelded frame
- > Brushless motors with absolute encoder
- > High rigidity ground guides
- > X gantry and Y axis feeds with precision racks

5 Additional blade cutting tool

- > Cutting head with pneumatic oscillating blade with high frequency oscillating vibration

6 Print mark camera

- > High-resolution retractable camera for automatic recognition of registration marks

7 Control



- > OSAI control system consisting of axis motors, drives and operating console
- > Intuitive HMI, with functions already integrated in the software

8 Vertical opening doors

- > Opening on three sides
- > Minimum footprint on the floor
- > Shockproof lexan doors

Probe

- > Mechanical probe ideal for rapid centering, edge and center search, flatness acquisition, shape measurement

