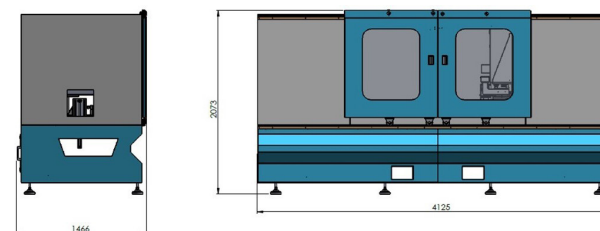
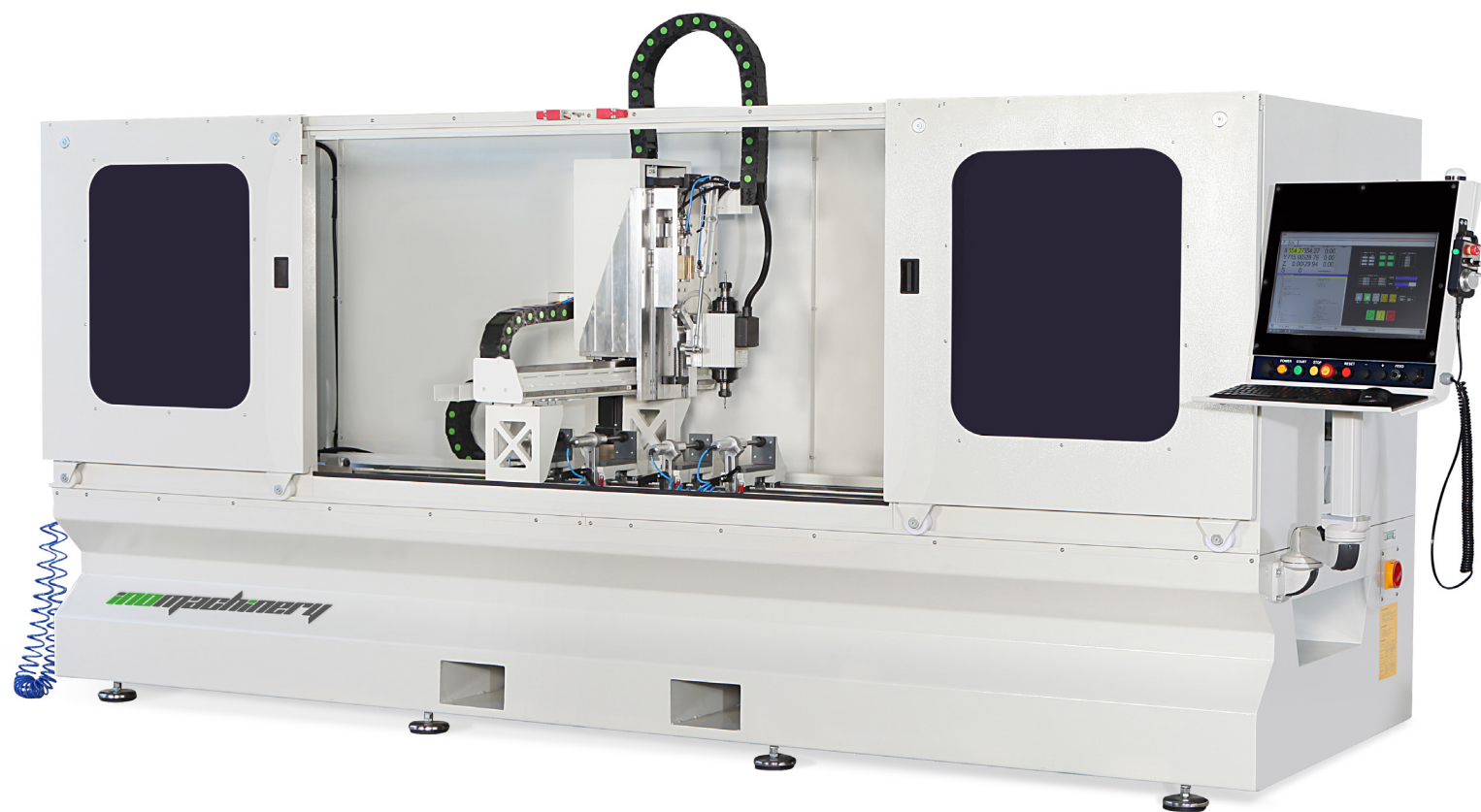


## 3-AXIS CNC PROFILE MACHINING CENTER



### MACHINE DESCRIPTION

Cabin type CNC profile machining center equipped with a double-sided angular type high-speed spindle without a tool changer magazine, profile clamping devices, pneumatic reference pins, and 3D programming software.

Body: All-machined metal profile structure. Thermally treated and vibration-free.

Spindle: 3.5 kW, 12,000 rpm ER20 high-speed spindle with ceramic bearings, air-cooled.

Axis Information:

X-axis: Brushless servo motor with gear moving on helical rack and pinion and linear guides.

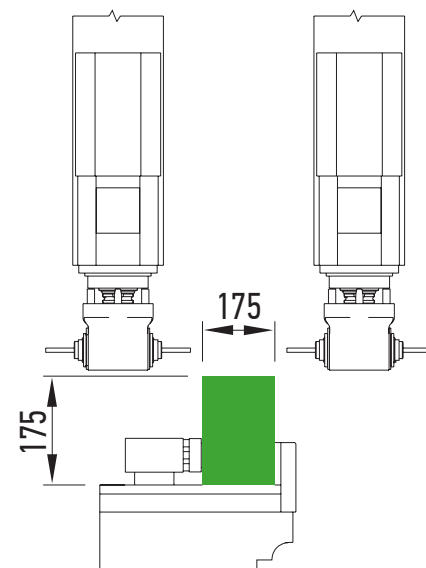
V/max: 70 m/min.

Y-axis: Brushless servo motor with gear moving on helical rack and pinion and linear guides.

V/max: 60 m/min.

Z-axis: Servo motor with braking system moving on ball screw. V/max: 25 m/min.

Profile Machining Length	: 3,000 mm.
Profile Machining Dimension (top, front, & back)	: 175 x 175 mm.
Maximum tool length	: 80 mm.
Maximum tool diameter	: 12 mm.
Total installed power	: 8 kW / 16A / 400V / 50-60 Hz.
Air pressure and air consumption	: 6-8 bar / 50 l/min.



### STANDARD EQUIPMENT

Thanks to the reference points placed at both sides of the machine, it is possible to process double the size of the net machining length. Manually positioned profile clamps. The number of clamps is 4. The width of the clamps is adjustable, and they are also suitable for fixture connection. 3.5 kW 12,000 rpm ER 20 non-tool-changer spindle with two sides.

Machine enclosure with horizontal covers moving manually right and left.

Pulse spray mist coolant system.

3D CAD/CAM software.

Windows-based PC and 21.5" TFT-LCD screen.

### OPTIONAL EQUIPMENT

Extra clamping unit, manually positioned.

Data import via barcode reader from window production software.

Air conditioning inside the electrical panel.

