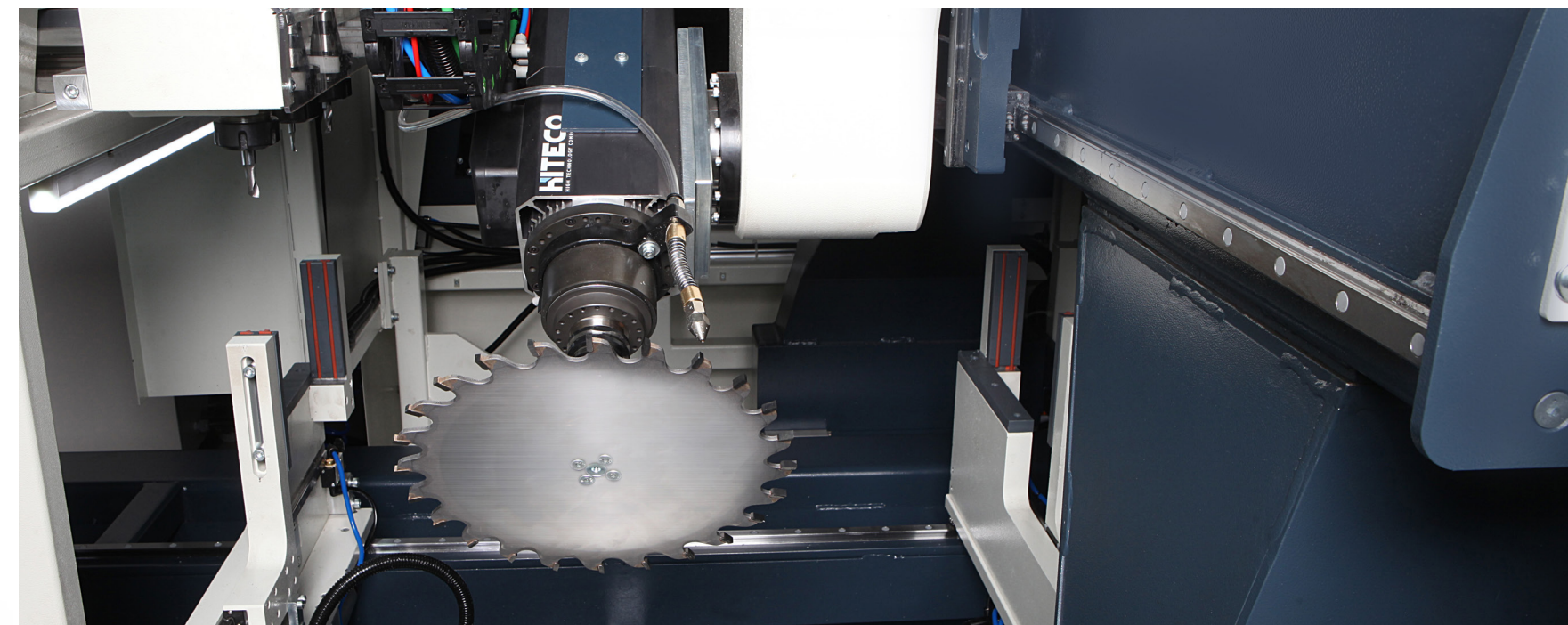
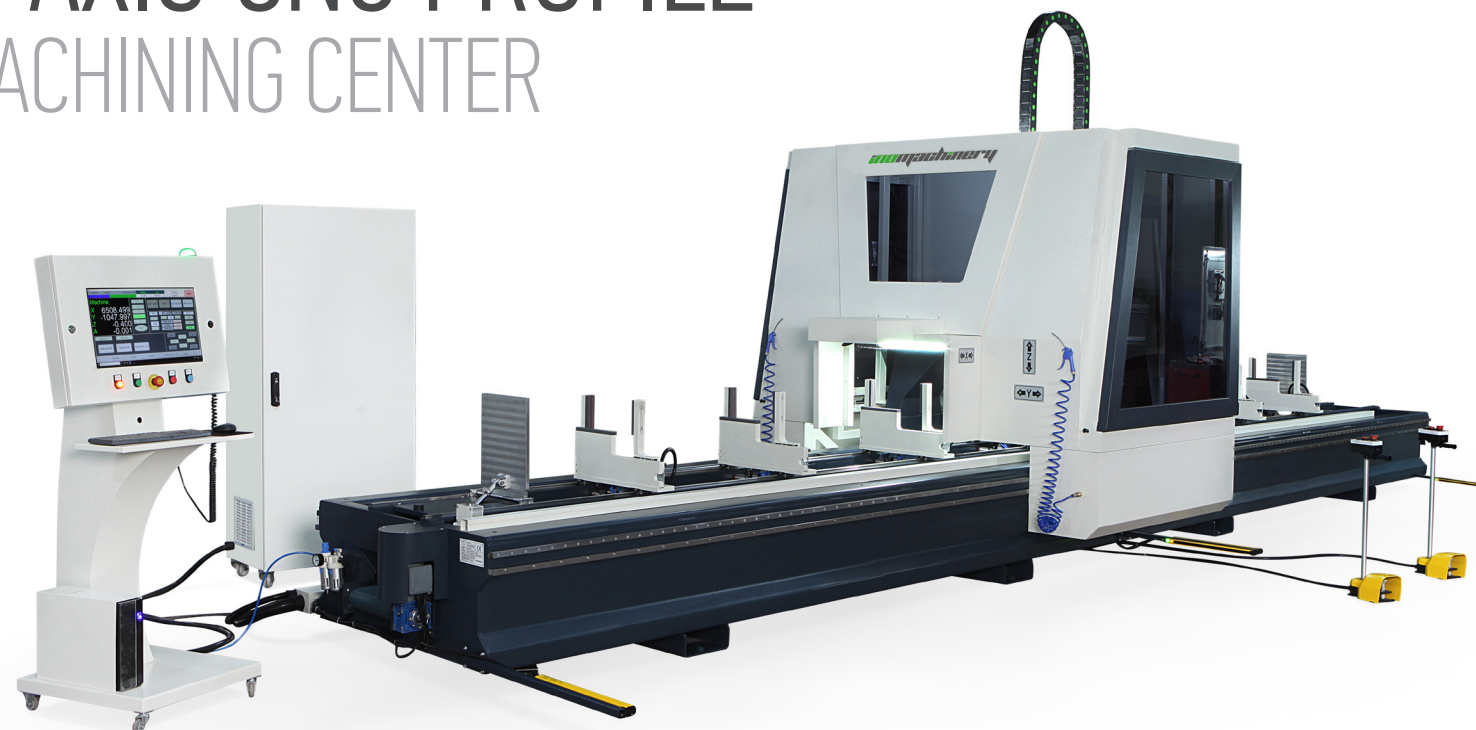


XP 8000



4-AXIS CNC PROFILE MACHINING CENTER



MACHINE DESCRIPTION

Gantry-axis CNC Profile Machining Center equipped with a 0°-180° independently programmable high-speed spindle, automatic tool changer magazine, 8 profile clamping devices, pneumatic reference pins, and 3D programming software.

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

Spindle: 7.5 kW, 0-24,000 rpm adjustable ISO 30 with ceramic bearings, air-cooled. Tilting spindle at any angle between 0°-180°.

Automatic Tool Changing Magazine: Placed on the machine cover, moving along with the machine body with 10 positions for standard tools. Tool changing time is minimized by carrying the tool changer magazine on the bridge. The 300 mm notching blade is also integrated within.

Axis Information:

X-Axis: Real gantry with 2 servo motors on both sides of the bridge. Brushless servo motors with gears moving on helical rack and pinion and linear guides. V/max: 80 m/min.

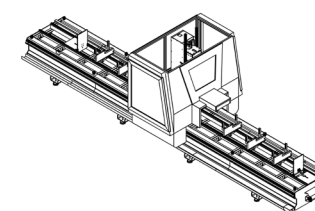
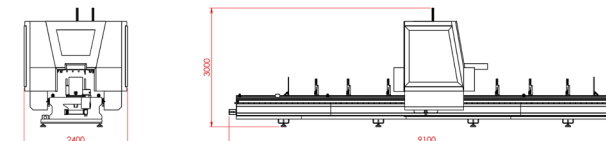
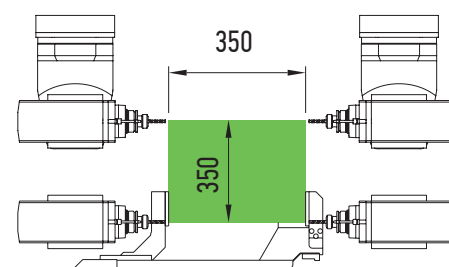
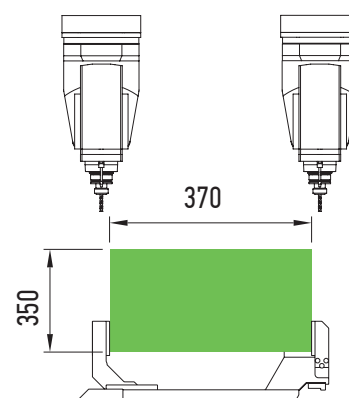
Y-Axis: Brushless servo motors with gears moving on helical rack and pinion and linear guides. V/max: 60 m/min.

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

Profile Machining Length XP8000/73 : 7.300 mm.
 Profile Machining Length XP8000/85 : 8.500 mm.
 Profile Machining Dimension (from the top) : 370 x 350 mm.

Optional processing width extension: 500 x 350 mm.

Profile Machining Dimension (from the top & front & back) : 350 x 350 mm.
 Maximum Tool Length : 300 mm.
 Maximum Disc Cutter Diameter : 350 mm.
 Total Installed Power : 18 kW / 50A / 400V / 50-60 Hz.
 Air Pressure and Air Consumption : 6-8 Bar / 100 L/min.



4.500 kgs.

STANDARD EQUIPMENT

- Double station working capacity thanks to the pneumatic reference points placed at both sides of the machine. Automatically positioned 8 pieces of profile clamps.
- The width of the clamps is adjustable and they are also suitable for fixture connection.
- The 7.5 kW 24,000 rpm ISO 30 high-speed spindle has an automatic tool changer magazine with 10 positions placed on the moving bridge for faster access.
- NC-controlled dust extraction conveyor.
- Pulse spray mist coolant system.
- Automatic positioning of the clamps moved by the bridge.
- 3D CAD/CAM software.
- 21.5" TFT-LCD screen.
- Laser safety barriers.

OPTIONAL EQUIPMENT

- Data import via barcode reader from production software.
- 12.0 / 15.0 / 22.0 kW, 24,000 rpm HSK-F63 liquid-cooled spindle alternatives.
- Tapping with compensation up to 12 mm.
- Disc cutter 300 mm.
- Independent clamp positioning via servo axis.
- Double clamping.
- Optional Machining Length: 8,500 mm with 12 clamps.
- Air conditioning inside the electrical panel.

