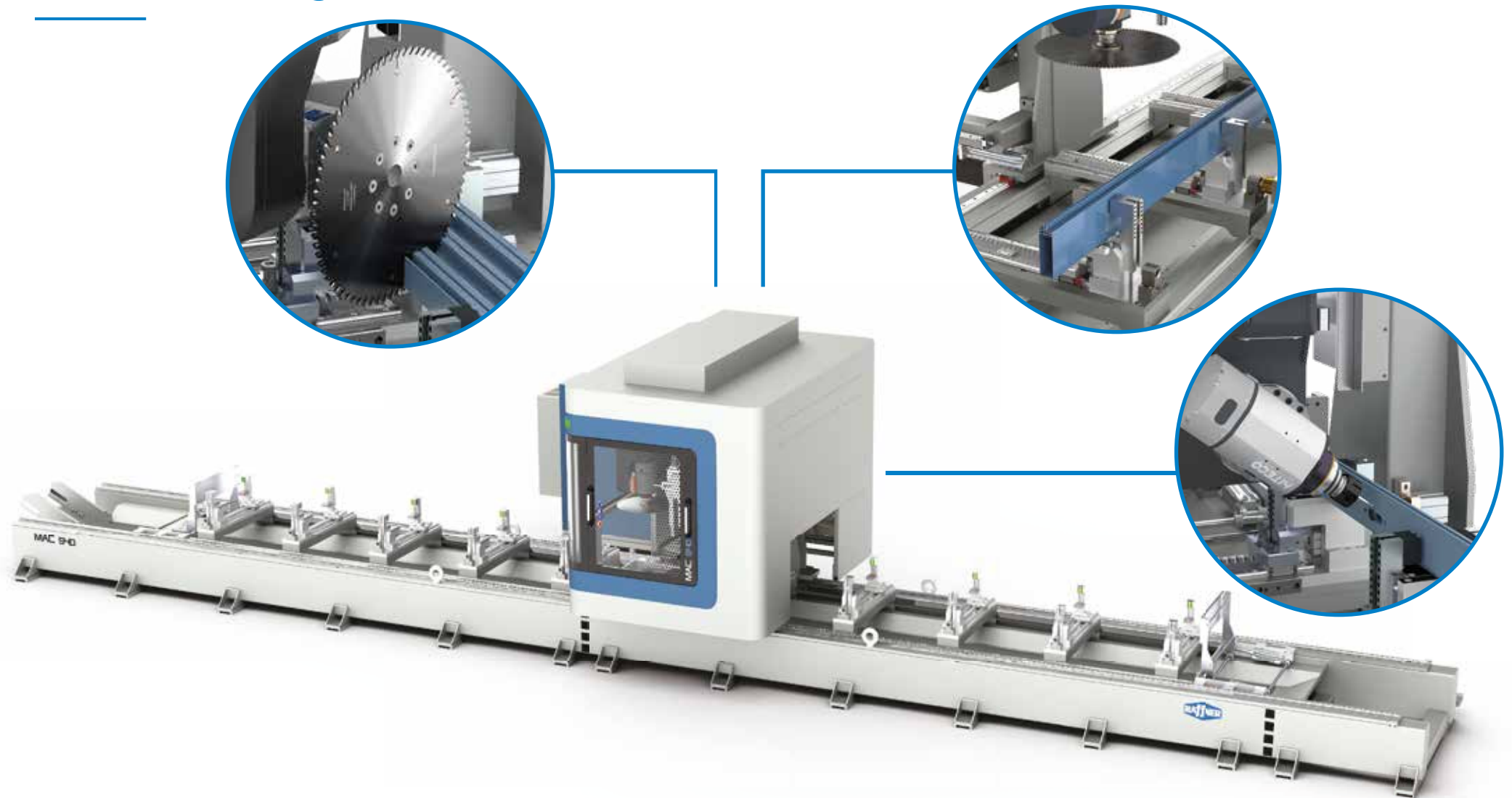
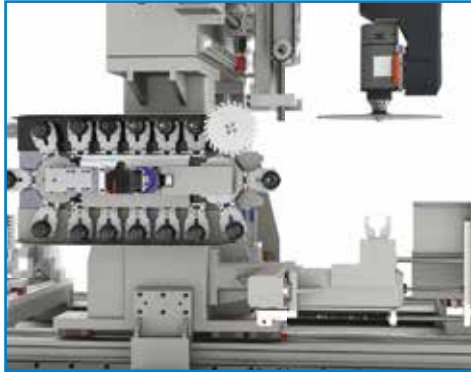


# MAC 540 - 5 Axis Profile Machining Center

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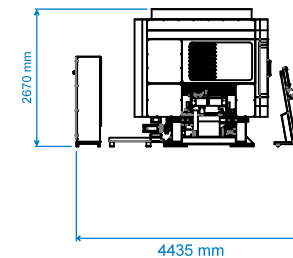
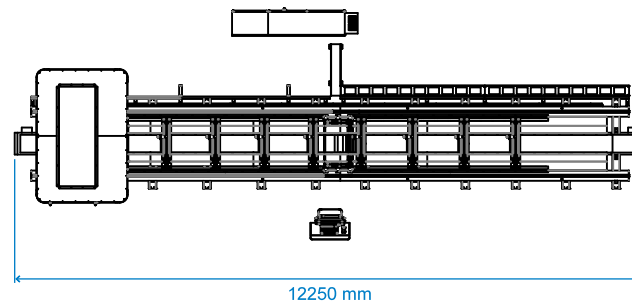
# MAC 540 - 5 Axis Profile Machining Center



- 5 Axis Profile Machining Center is a bridge type special construction designed for milling, drilling, cutting, notching, flow drilling and tapping operations.
- Reinforced chassis for processing materials such as aluminium, mild steel and PVC.
- 5 axis system controlled by high precision servo motors.
- 8-10 meters machinable leght
- Electric spindle motor S1/S6 (15 kW / 17K kW 18000/24000 rpm, water cooled spindle, suitable for material removal process during milling and drilling operations.
- Tool magazine with 16+1 saw capacity.
- Automatic clamp recognition and positioning.
- Possibility of double station machining from 5 surfaces (6 surfaces with optional undercut tool)
- Clamp can be positoned saperately.
- Positioning accuracy: 0.1 mm.
- HSK F63 tool holder.
- Max. disc milling diameter: 180 mm
- A Axis works between angles -135° + 135, C Axis works between angles 0° - 320°
- 18.5" Industrial multitouch panel.
- Hand held operator terminal.
- Service and problem detection with remote connection and solution by connecting to the entire automation system.
- CAD-CAM, Cam-Prox 3D program that allows easy operations on the profile.
- Centralized lubrication system for easy machine maintenance.
- Safety fences on both sides of the machine.

## Technical Features

- Traverse Path X-axis: 11900mm, Vmax 75 m/min
- Traverse Path Y-axis: 1360mm Vmax 60 m/min
- Traverse Path Z-axis: 735mm Vmax 40 m/min
- Max Machinable Length: 8000mm
- Tool Magazine: 16 + 1 (Saw) pcs
- Cutting Blade Diameter: 500mm
- Number of Standard Vices: 4+4
- Vices Positioning: Automatic
- Zero Reference Point Number: 2 Pneumatics
- Voltage: 400V 50-60Hz
- Spindle Motor Max Power: S1/S6 15 kW / 17kW
- Adjustable Electro Spindle Motor: 24000 rpm
- Tool Holder: HSK F63
- Spindle Motor Max Torq: S1/S6 11.9 / 13.8 Nm
- Operating Pressure: 6-7 bar
- Total Installed Power: 26 kW
- Machinery Height: 12250 mm (40.19 ft.)
- Machinery Width: 2670 mm (8.75 ft.)
- Machinery Length: 4535 mm (14.87 ft.)



7000 kg



6-7 bar



26kW



H: 400mm  
W: 650mm