

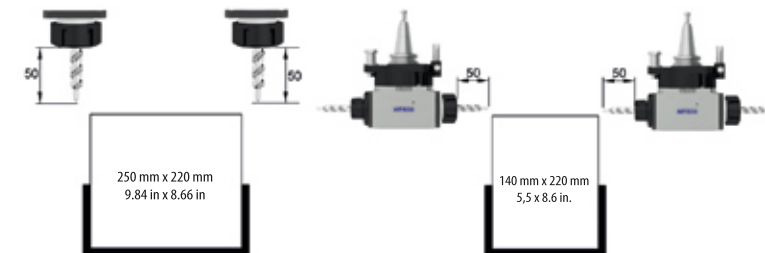
MAC 340 - 3 Axis Profile Machining Center



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Technical Features

- Power Supply 400V, 3 ~, 50/60 Hz
- Total Power Output 16 Kw, 40A
- Maximum Processing Length
 - X-Axis: 4000 mm (157.48 in.)
 - Y-Axis: 250 mm (9.84 in.)
 - Z-Axis: 220 mm (8.66 in.)
- Angled Head Processing Length
 - X-Axis: 4000 mm (157.48 in.)
 - Y-Axis: 175 mm (6.88 in.)
 - Z-Axis: 220 mm (8.66 in.)
- Maximum Axis Travel Speed
 - X-Axis: 180 m/min (590.55 ft./Minimum)
 - Y-Axis: 50 m/min (164.04 ft./Minimum)
 - Z-Axis: 50 m/min (164.04 ft./Minimum)
- Clamp Axis 30 m/min (98.42 ft./Minimum)
- Position Accuracy ± 0.1 mm (± 0.004 in.)
- Spindle Speed 24000 rpm
- Spindle Power 7.5 kW (10.05 hp.), S1; 9 kW (12.06 hp.) S6;
- Drill Chuck Type ISO 30
- Disc Mill Diameter 92 mm (7.87 in.)
- Maximum Tool Quantity 7
- Standard Clamp Quantity 4
- Air Pressure 7 bar (100 psi)
- Air Consumption 80 l/min (2.82 cfm)
- Machine Height 2290 mm (7.51 ft.)
- Machine Length 5135 mm (16.84 ft.)
- Machine Width 2744 mm (9 ft.)
- Machine Weight 4500 kg (9,920 lb.) (With Cabin)



- PC controlled 3-Axis interpolated CNC Machine.
- Able to move in 3 axes simultaneously on the work piece. (Axis interpolated)
- Able to work with high accuracy on aluminum door, window and facade profiles. (± 0.1 mm (± 0.004 in.))
- Able to work on 3 mm (0.12 in.) thick iron profiles.
- Automatic tool changing by means of magazine which holds 7 tools including an angle head.
- 18.5" Industrial multitouch panel.
- Industrial PC with Windows 10 which works between 0°C - 55°C (32°F - 131°F) without an additional fan.
- Easy to perform operations on the profile with the CAD - CAM program.
- Full integration with various on facade and aluminum door - window production software.
- 3D machine simulation which enables to displaying the process in 3D.
- Thread cutting, flow drill and countersink operations.
- Central lubrication system to ease machine maintenance.

OPTIONAL

- Double station operation option allows for a 30% capacity increase by loading and unloading at another station while working at one station
- Automatic clamp positioning (Clamp moves according to position of processing point during operation)
- Additional two clamps (Maximum 6) can be added on request (AC-020)
- Angle routing head allows you to work the front, back, right and left surfaces. The tool is rotated accurately by means of an encoder on the electro spindle to the desired surface
- 200 mm (7.87 in.) diameter disk mill and holder
- Barcode Reader (AK 002)
- (*): Special Head System which enables to work on the sides of profile. Angled tool is rotated accurately by means of encoder on the electro spindle to desired surface. Angled tool is rotated accurately by means of encoder on the electro spindle to desired surface.

