

MAC-340 Profile Machining Center

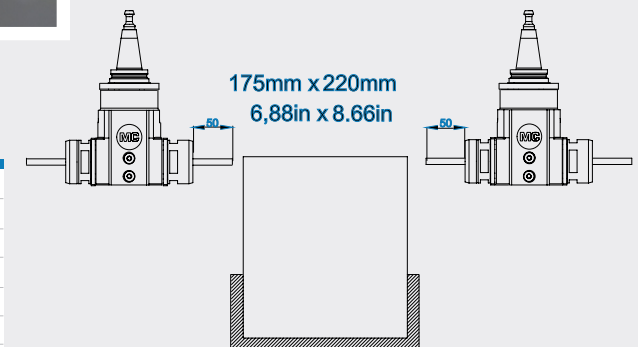
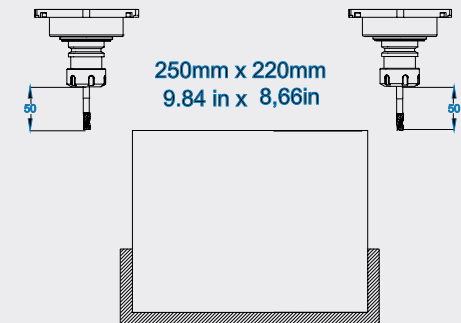
PROFILE MACHINING CENTERS » MAC-340

- 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.
- 19" touch screen monitor.
- 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 (Max. 6) can be added on request (AC-020)
- Fully enclosed cabin
- 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



Technical Features :

• Power supply: 400V, 3 ~, 50/60 Hz	• Angled Head processing length:	• Clamp Axis: 30 m/min (98.42 ft./min.)	• Standard clamp quantity: 4
• Total Power Output: 16 Kw, 40A	X-axis: 4000 mm (157.48 in.)	• Position accuracy: ± 0.1 mm (± 0.004 in.)	• Working air pressure: 7 bar (100 psi)
• Maximum processing length:	Y-axis: 175 mm (6.88 in.)	• Spindle speed: 24000 rpm	• Air consumption: 80 l/min (2.82 cfm)
X-axis: 4000 mm (157.48 in.)	Z-axis: 220 mm (8.66 in.)	• Spindle power: 7.5 kW (10.05 hp.), S1;	• Machine height: 2320 mm (91.33 in.)
Y-axis: 250 mm (9.84 in.)	• Maximum axis travel speed:	9 kW (12.06 hp.) S6;	• Machine length: 5725 mm (225.39 in.)
Z-axis: 220 mm (8.66 in.)	X-axis: 180 m/min (590.55 ft./min.)	• Drill chuck type: ISO 30	• Machine width: 2200 mm (86.61 in.)
	Y-axis: 50 m/min (164.04 ft./min.)	• Saw blade diameter: 200 mm (7.87 in.)	• Machine weight: 4500 kg (9,920 lb.) (with cabin)
	Z-axis: 50 m/min (164.04 ft./min.)	• Maximum tool quantity: 7	