



MAC 340

Profile Machining Center – Aluminium or PVC

- PC controlled 3-axis interpolated CNC machine
- Able to move in 3 axis simultaneously on the work piece
- High accuracy on aluminium door, window and facade profiles (+/- 0.1mm)
- Able to work on 3mm thick iron profiles
- Able to work on 5 sides of profile (front, back, left, right and top)
- Automatic tool changing by means of magazine, which holds 7 tools including Angled Head
- Automatic moving vices (Vices move according to position of processing point during operation)
- 19" touch screen monitor
- Industrial PC with Windows XP embedded which works between 0°C and 55°C without a fan
- RJ45, 1 GBit Ethernet connection
- Problem identification, solution and servicing by means of remote connections
- CAD-CAM programme
- Automatic switching from DXF format to 3D
- 3D machine simulation used to calculate the operation time before operating the machine and displaying the process in 3D
- Full integration with façade and door – window production software
- Thread cutting, flow drill, counter sink operations
- Central lubrication system to enable good machine maintenance



Technical Features

- Power supply: 240-415V, 3ph, 50-60Hz
- Power output: 18kW, 45A
- Z axis: 50m/min
- Clamp axis: 30m/dk
- Position accuracy value: +/- 0.1mm
- Spindle speed: 24,000 devir/dakika
- Spindle power: Spindle 1 - 7.5kW, Spindle 2 - 9kW
- Drill chuck type: ISO 30
- Saw Blade Diameter: 200mm
- Max tool quantity: 7 pieces
- Standard clamp quantity: 4 pieces
- Optional clamp quantity: 6 pieces
- Air pressure: 7 bar
- Machine height: 2,180mm
- Machine length: 4,860mm
- Machine width: 2,050mm
- Machine weight: 3,000kg
- X axis max processing length: 4,000mm
- Y axis max processing length: 250mm
- Z axis max processing length: 220mm
- X axis angled head processing length: 4,000mm
- Y axis angled head processing length: 175mm
- Z axis angled head processing length: 220mm
- X axis maximum speed: 100m/min
- Y axis maximum speed: 50m/min

Optional

SC 199 – Camprox Software