

Haffner Murat Ltd
 Innovation and Technology for manufacturing
 PVCu and Aluminium Windows

SC 220/40 Haffner Murat Machining Centre



SC 220/40 MACHINING CENTRE :

The **SC220/40** Has evolved through many years of working experience and is a perfect combination of cutting and machining PVCu profiles. The heavy duty design makes for years of trouble free bar processing. Assembled using top quality parts along with the Beckhoff control system, this machine is easily programmed and adjusted to the customers range of windows used today.

OPERATING FEATURES

Direction	Can be fed either way according to your factory
Cutting Operations	45-90-45 Cutting for Square, Mitre, Y-Notch and Arrowhead cutting
Routing Operations	Drainage, Concealed, Face, Internal or Externally glazed. Upstand Removal and Pressure Equalisation
Spot Preparations	Friction Stay Marking, Keeps, Door Hinges and Low Threshold.
Trickle Vents	Frame and Sash Routing
Door Locks	Single, 3 or 4 Point, French, Bifold, Patio Doors etc.
Letter Plates	Letter Boxes and Fixing Holes
Lock Routing	Espagnollette, Shootbolt, Tilt and Turn and Reversible Locks
Mechanical Transoms	Frame Drilling, Reinforcement marking
Label Printing	Manual Labelling with Zebra Printer

DESCRIPTION :

- All sawing, milling, drilling and marking operations on PVC profiles are gathered in one machine controlled by a computer.
- Stacking of 10 profiles (max 6,5 m length)
- Automatic cutting in all angles between 30° and 150° with accuracy of 0,1° by means of servo motors
- Able to work in high speed and precision thanks to 7 axis controlled by servo motors
- Ability to open drain slot routing, drilling and milling at variable angles
- Automatic conveyor belt system to transport scrap profile to the waste container.

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- Opens barrel, mirror and handle holes at door profiles simultaneously to increase the production speed by using extra 1 servo motor.
 - Ability to notify the user against incorrect loaded profile thanks to profile recognition system
 - Able to perform all operations precisely by the 7 tools on the milling group
 - Manual barcode labelling system which works integrated with CNC lines
 - 15" touch screen monitor
 - Industrial PC with Windows XP embedded which works between 0°C - 55°C without fan
 - Ability to work with the data coming from different window production software by giving minimum wastage
 - Safe production facility via three dimensional collision and error control system developed by Murat Machine Software Development Department
 - All errors can be seen on the screen with interface programme developed by Murat Machine Software Development department
 - Problem identification, solution and servicing by means of remote connections
 - Data transfer is available via network and connection or USB interface
 - Ability to back-up daily data on internal storage unit
 - With shift monitoring system, all operations can be controlled daily, weekly, monthly and yearly
 - Central lubrication system to ease the machine maintenance
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TECHNICAL FEATURES :

- Power Supply: 400 V, 3 ph, 50-60 Hz
- Total Power: 15 kW, 37,5 A
- Max. Profile Processing Height: 145 mm
- Profile Processing Height: 35 mm
- Max. Profile Processing Width: 130 mm
- Min. Profile Processing Width: 35 mm
- Max. Raw Profile Length: 6.500 mm
- Max. Profile Length: 6.500 mm
- Min. Profile Length: 330 mm
- Air Pressure: 6-8 bar
- Air Consumption: 608 l/min.
- Machine Height: 1.900mm
- Machine Length: 15.250 mm
- Machine Width: 3.400 mm
- Machine Weight: 3.250 kg

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