

HWM-080 Vertical Four Head Welding Machine

WELDING MACHINES » HWM-080

- Welds four corners of PVC profiles simultaneously at 90° with high accuracy.
- At automatic production mode, works according to the data obtained from window-door production software.
- PC controlled (PID) heat control system to sustain strong welding results in compliance with international standards.
- Heating temperature, melting and welding times can be adjusted individually for every profile type.
- Specially designed long lasting heating plates distributes heat homogenously without being affected from weather conditions.
- Welding fixtures can be changed easily and fast.
- High performance industrial PC with Windows 10 Embedded operating systems and working between 0°C - 55°C without the need for a fan.
- 19" Led monitor
- Data transfer is available via network connection or USB interface.
- A database of welding parameters for every individual profile defined by the user (up to 6,000 parameters)
- All heads are moved by hardened steel ballscrew which provides accuracy and durability with servo motors.
- Summer / winter working mode is automatically selected.
- Long lasting Teflon usage and easy change by special Teflon system.
- All error messages can be monitored from the screen by the software developed by Haffner Machinery Software Department.
- Central lubrication system to eases the machine maintenance.
- By online connection to the entire system, remote detection of malfunctions and maintenance is available.
- Data transfer is available via network connection or USB interface.

OPTIONAL

- Barcode Reader (AK 002)
- Gasket pressing system (AK 032)
- Welding Moulds
- Double Stack Welding.

Technical Features :

• Power Supply: 400 V, 3 ~ 50-60 Hz	• Air Pressure: 6-8 bar
• Total Power Output: 16 kW, 36 A	• Air Consumption: 120 l/min.
• Max. Welding Length: 3000 mm x 2585 mm	• Machine Height: 3230 mm
• Min. Welding Length: 420 mm x 420 mm	• Machine Length: 4230 mm
• Min. Welding Length (with Gasket pressing): 520 mm x 570 mm	• Machine Width: 2290 mm
• Max. Profile Height: 180 mm	• Machine Weight: 2150 kg
• Min. Profile Height: 30 mm	
• Max. Profile Width: 120 mm	

