

# HWM-080/20

## Vertical Four Head Welding Machine (Double Deck)



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- 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 each 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 via network connection or USB is available. It is possible to create a database of welding parameters for every individual profile defined by the user. (Up to 6000 parameters)
- All heads are moved by hardened steel ball screw which provides accuracy and durability.
- By measurement control system, cutting length defects up to 2 mm can be recovered. Settings for white and colored profiles can easily be done.
- Summer / winter working mode is automatically selected.
- Central lubrication system eases maintenance.
- 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.
- By online connection to the entire system, remote detection of malfunctions and maintenance is available.

### Technical Features

- Power Supply: 415 V, 3~50-60 Hz
- Total Power Output: 12 kW, 32 A
- Air Pressure: 6-8 bar
- Air Consumption: 120 l/min.
- Max. Welding Length: 3000 mm x 2585 mm
- Min. Welding Length: 420 mm x 420 mm
- Max. Profile Height: 180 mm
- Min. Profile Height: 30 mm
- Max. Profile Width: 120 mm
- Machine Height: 3230 mm
- Machine Weight: 2300 kg



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6-8 bar



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