

HWM-090

Horizontal Four Head Welding Machine (Parallel Welding)



HWM-090

Horizontal Four Head Welding Machine (Parallel Welding)

- It welds the four corners of the PVC frames at 90 ° angle simultaneously and with high precision.
- Automatic production works in accordance with sample data from the window drawing program.
- It has a computer controlled (PID) heat control system to achieve welding strength within standards.
- Melting and welding temperature and time for each profile can be adjusted seperately.
- Long-lasting plate skin distribute heat without being affected from the working environment with its unique design.
- Pre-heated welding blades ensure good welding in cold weather conditions.
- Welding mold change is fast and easy.
- The system includes 19" Led monitor, a high resolution PC with Windows 10 operating system, operating between 0 °C - 55 °C without fan.
- Wireless network connection or data transfer from USB is possible.
- A database can be created with welding parameters of profiles determined by the user separately. (Up to 6000 pieces)
- It works effectively under right pressure with pressure control system.
- Welding axes are driven by a hardened steel ball screw that provides precision and durability.
- It can tolerate measurement errors caused during the cutting process up to 2 mm with the measurement control system.
- Welds white and coloured profiles.
- Summer / winter operating mode is selected automatically. Central lubrication system facilitates machine maintenance.
- With the interface program developed by Haffner Haffner Makina Software Department, all error messages can be seen and displayed.
- It is possible to identify and solve problems by connecting automation sysytem with remote connection.

Technical Features

- Power Supply: 415 V, 3~50-60 Hz
- Total Power Output: 11,75 kW, 30,9 A
- Air Pressure: 6-8 bar
- Air Consumption: 120 l/min.
- Max. Welding Length: 3000 mm x 2585 mm
- Min. Welding Length: 400 mm x 400 mm
- Max. Profile Height: 180 mm
- Min. Profile Height: 50 mm (30mm with special mould)
- Max. Profile Width: 120 mm
- Machine Height: 1730 mm
- Machine Weight: 2150 kg



2150 kg



6-8 bar



11,75 kW, 30,9 A

