

HWM-075

Horizontal Four Head Welding Machine - Heritage



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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 6,000 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: 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
- Min. Welding Length (with Gasket Press): 500 mm x 500 mm
- Max. Profile Height: 180 mm
- Min. Profile Height: 30 mm
- Max. Profile Width: 120 mm
- Machine Height: 3330 mm
- Machine Weight: 2300 kg



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6-8 bar



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- Welds four corners of PVC profiles simultaneously at 90° with high accuracy.
- Diagonal and parallel joining methods increase frame strength.
- Allows fast data input via 21,5" touch screen.
- Adjustable 2 mm and 0,2 mm setting.
- The temperature is digitally controlled.
- Heated welding knives provide better welding results at cold weather conditions.
- Welding fixtures can be changed quickly and easily.
- Central lubrication system eases maintenance.
- Teflon wrapping device.
- Full guarding with alarm sensors for safe operation.

OPTIONAL

- Barcode reader. (AK 002)
- Contour blocks.
- Gasket pressing system. (AK 032)

