DWM-027 Four Head Welding Machine

WELDING MACHINES » DWM-027

- Cleans the welding seam with 19 servo-axis on the upper and lower surfaces as well as inner corners of any type of white or colored profile by patented special fixtures and special tools during the welding process.
- 15" touch screen high performance industrial PC with Windows 10 Embedded operating systems and working between 0°C - 55°C without the need for a fan.
- The software cleans unnecessary processes and sustains maximum security against virus attacks and user faults at every system start-up and turn-off.
- A database of welding parameters for every individual profile defined by the user (up to 6,000 parameters)
- Cleaning of radius and angle inner conners saves time as it reduces the operations to be done in the CNC corner cleaning machine.
- All error messages can be monitored from the screen by the software developed by Haffner Machinery Software Department.
- Specially designed long lasting heating plates distributes heat homogenously without being affected from weather conditions
- At automatic production mode, works according to the data obtained from window-door production software.
- Welds four corners of PVC profiles simultaneously at 90° with high accuracy.
- Welds to High accuracy without the need for pre-or-post cleaning of the profile.
- 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.
- Welding moulds can be changed easily and fast.
- Data transfer is available via network connection or USB interface.
- Ability to work with high precision by the ballscrews on the motion system.
- Servo motors are moved by hardened steel ballscrew which provides accuracy and durability.
- By measurement control system, cutting length defects up to 2 mm. can be recovered.
- Summer / winter working mode is automatically selected.
- Central lubrication system to eases the machine maintenance.
- By online connection to the entire system, remote detection of malfunctions and maintenance is available.
- Ability to back-up daily data on internal storage unit.
- Daily, weekly, monthly and annually production control with shift control system.

OPTIONAL

- Barcode Reader(AK 002)
- Welding Moulds

Technical Features:

• Power Supply: 400 V 3 ~ 50-60Hz	• Machine Height: 2000 mm
• Total Power Output: 23 kW, 60 A	• Machine Length: 4300 mm
• Max. Welding Length: 3000 mm x 2580 mm	• Machine Width: 5200 mm
• Min. Welding Length: 500 mm x 500 mm	• Machine Weight: 3200 kg
• Max. Profile Height: 160 mm	
• Min. Profile Height: 50 mm	
• Max. Profile Width: 120 mm	
• Air Pressure: 6-8 bar	