



FEATURES

Used for simultaneously welding four corners of PVC / Vinyl profiles and removing the burrs from the profiles after welding.

- Pneumatic motion
- Automatic frame output unit and automatic profile rotation system
- Batch processing and precision measurement
- Process programming and large memory
- Safe working area with safety barrier
- Welding time adjustment and digitally controlled heating
- Temperature adjustment up to 660 °F with electronic thermostat
- 1/64" welding range
- Touchscreen control panel and profile recognition system
- Quick transferring the profile to cleaning unit with robot system after welding
- Cleaning of bottom, top, internal and external surfaces of the profile by two independent cleaning units
- Easy programming with manual control system (hand wheel)
- Manual operator adjusted axial speeds
- Real time communication between two machines
- Memory capacity for 1000 profiles
- Manual and automatic operation
- Automatic cleaning with 11 profile cleaning blade
- Separate cleaning blades for colored and white profiles
- Data transfer over remote network connection, Ethernet and USB
- Alarm and warning sign on screen
- Quick and easy to replace hot press teflon
- Processing time monitoring on screens during operation
- Uniform heat distribution on plate, profile cooling station
- Rotation speed optimization and picking up unit for finished profile on the line

Standard Equipment

- Conveyor
- Profile external cleaning saw blade
- Cleaning blades
- Cutters
- Profile holding and cooling unit
- Automatic profile rotation system

Optional Equipment

- Special mold
- Barcode reader
- Gasket pressing system
- Automatic bearing lubrication system

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WELDING UNIT FRAME DIMENSIONS

Min. Frame Dimensions	13 ³ / ₄ " x 15 ³ / ₄ " (350mm x 400mm)
Max. Frame Dimensions	100 " x 157 ¹ / ₂ " (2540mm x 4000mm)

CLEANING UNIT FRAME DIMENSIONS

Min. Frame Dimensions	13 ³ / ₄ " x 15 ³ / ₄ " (350mm x 400mm)
Max. Frame Dimensions	100 " x 157 ¹ / ₂ " (2540mm x 4000mm)

WELDING UNIT PROFILE DIMENSIONS

Min. Profile Height	1 ³ / ₁₆ " (30mm)
Max. Profile Height	7 ⁷ / ₈ " (200mm)
Min. Profile Width	1 ³ / ₁₆ " (30mm)
Max Profile Width	5 ¹⁵ / ₁₆ " (150mm)

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WELDING SEAM

Welding Seam	¹ / ₁₆ " (2mm)
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CUTTING UNIT

Saw Blade Diameter	11 ¹³ / ₁₆ " (300mm)
Spindle Power (for saw blade)	1.5 kW
Spindle Rotation (for saw blade)	6000 rpm
Saw Blade Thickness	3.2 mm
Spindle Power (for router bit) (x2)	1.1 Kw
Spindle Power (for router bit)	18000 rpm
Router Bit Dimensions	⁵ / ₁₆ " (8mm)
Router Bit Length	4 ³ / ₄ " (120mm)

ELECTRICITY & AIR

Voltage	220V 3N PE AC
Frequency	50 – 60 Hz
Power	20.85 Kw
Air Pressure	6-8 bar
Air Consumption	47 Gal/min

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