



KD 658/20

Four Head Welding Machine

- Welds four corners of PVC profiles simultaneously at 90° with high accuracy
- At automatic production mode, works according to the data obtained from window and 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 every profile type
- Specially designed long lasting heating plates distributes heat homogenously without being affected by weather conditions
- Pre heated welding knives provide better welding results in cold weather conditions
- Welding fixtures can be changed easily and quickly
- High performance industrial PC operated by Windows 10 operating system, which operates between 0°C-55°C without the need for a fan
- 19" LED Monitor
- Data transfer is available via network connection or USB interface
- 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
- Measurement control system ensures high accuracy welding
- Settings available for white and coloured profiles
- Summer and 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
- By online connection to the entire system, remote detection of malfunctions and maintenance is available



Optional

Automatic 0.2mm and 1.2mm welding seam restriction setting

Barcode reader

Gasket pressing system

Welding fixtures

Technical Features

- Power supply: 415V, 3ph, 50-60Hz
- Power output: 11.75kw, 30.9A
- Standard welding length: 3,000mm x 2,585mm
- Minimum standard welding length: 420mm x 420mm
- Minimum welding length with gasket pressing: 520mm x 570mm
- Maximum profile height: 180mm
- Minimum profile height: 30mm
- Maximum profile width: 120mm
- Air pressure: 6-8bar
- Machine height: 1,600mm
- Machine length: 4,600mm
- Machine width: 4,300mm
- Machine Weight: 1,665kg