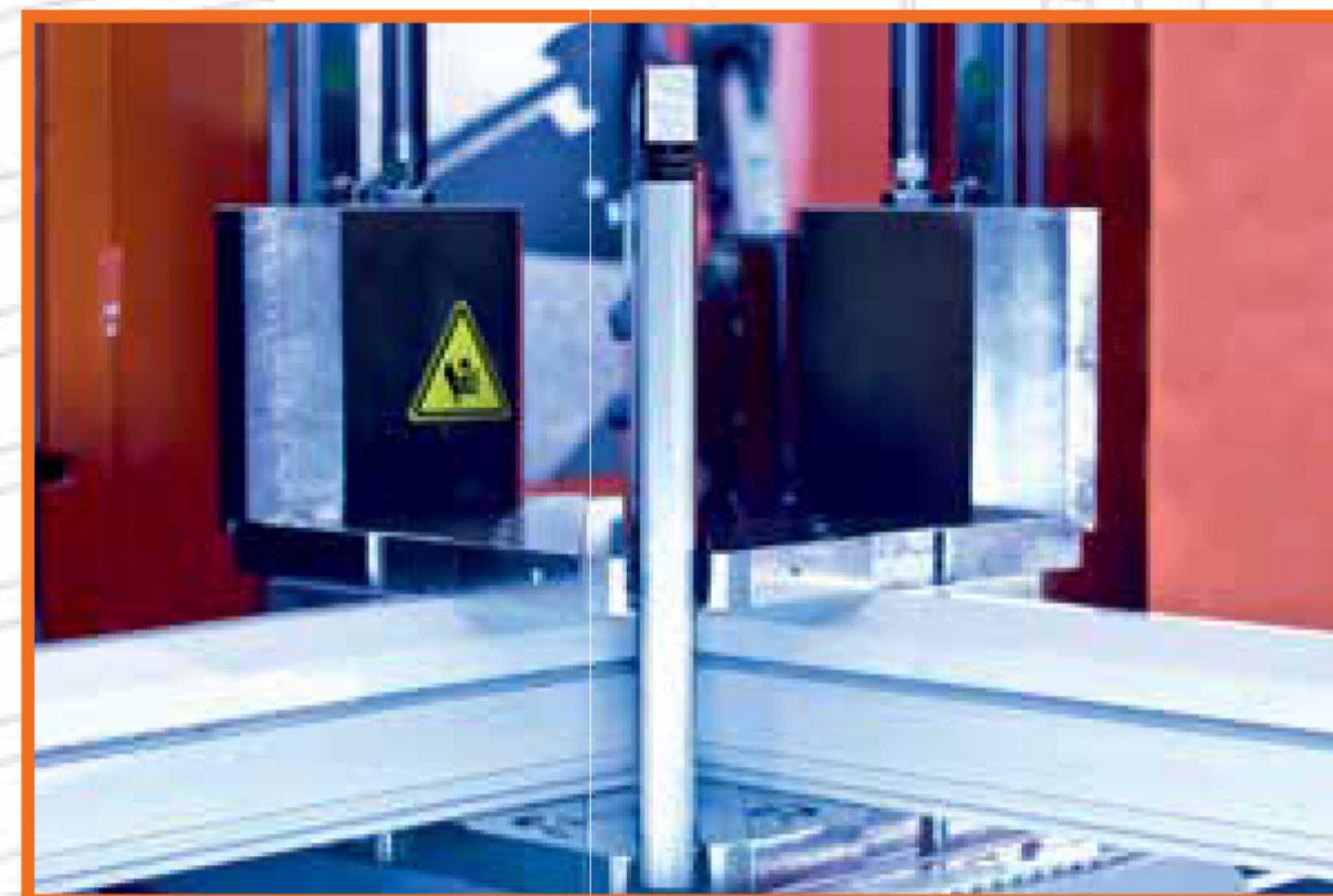




WM 750

Four Head Welding Machine

Standard Features

- Welds four corners of PVC profiles simultaneously at 90 °with high sensitivity and strength
- Machine axes are moved by Servo motor system (3 Servo motor controlled axes)
- Specially developed parallel welding technology that improves welding quality and strength
- Internally engineered design for automatic selection of 0.2 and 2 mm welding range
- Beckhoff brand, high performance industrial PC operated by Windows XP Embedded. Fanless motherboard system works between 0°C – 55°C, and it comes with a 15" touch screen display
- Data transfer via ethernet network connection, wireless network connection or USB interface
- Welding parameters are defined by the user for every individual profile (up to 10,000 profiles)
- Welding temperature, melting and welding times can be adjusted individually for each profile type.
- All machine axes are moved by hardened steel ball screw which provides accuracy and durability.
- Depending on the torque values of the servo motors, melting the lengths up to 2 mm and bringing them to the desired size
- PC controlled (PID) heat control system to obtain strong welding results in compliance with standards.
- Summer / winter working mode is automatically selected, so the temperature adjustment is done easily
- Horizontally placed strong mechanical heating plates distribute heat homogeneously without being affected from difficult working conditions.
- Easy and fast change for teflons by specially designed roll up teflon system.
- Easy and fast change for welding moulds
- Works effectively by compressed air supplied to the system
- White or colour profiles can be weld with the same sensitivity
- Central lubrication system minimizes maintenance time
- Reports can be created for daily, weekly, monthly and annual production
- Light barriers and safety equipment conforms to CE machine design with full security
- Stable and accurate data transfer between this machine and the CNC Corner Cleaning Machine via Industrial quality Ethernet connection
- All the error messages and system status can be observed on screen by HMI software program developed by the Schtec software department
- Service to the entire automation system, trouble shooting and fault removals can be done by remote connection



Optional

- Gasket pressing system
- Barcode reader
- Welding moulds

Technical Specifications

Power Supply	: 400 V, 3 Ph, 50-60 Hz
Power Consumption	: 12 kW, 32 A
Max. Welding Length	: 3.600 mm x 2.600 mm
Min. Welding Length	: 400 mm x 400 mm
Min. Welding Length	: 520 mm x 570 mm (with gasket pressing system)
Max. Profile Height	: 200 mm
Min. Profile Height	: 35 mm
Max. Profile Width	: 120 mm
Air Pressure	: 6-8 bar
Air Consumption	: 70 lt. /min.
Machine Height	: 1.880 mm
Machine Length	: 5.350 mm
Machine Width	: 4.000 mm
Machine Weight	: 2.100 kg

