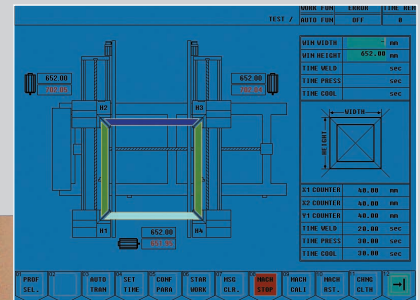


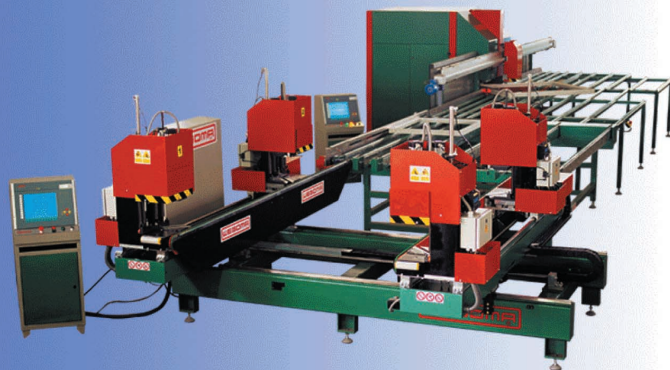
WSA4LH

HORIZONTAL AUTOMATIC FOUR HEAD CORNER WELDING MACHINE



FEATURES

- Fully automatic horizontal four corner welding of PVC window profiles at an angle of 90°
- Industrial PC control with friendly HMI
- Flexible & accurate processing
- Automatic monitoring of profile tolerance
- Sophisticated module design
- Strong network communication

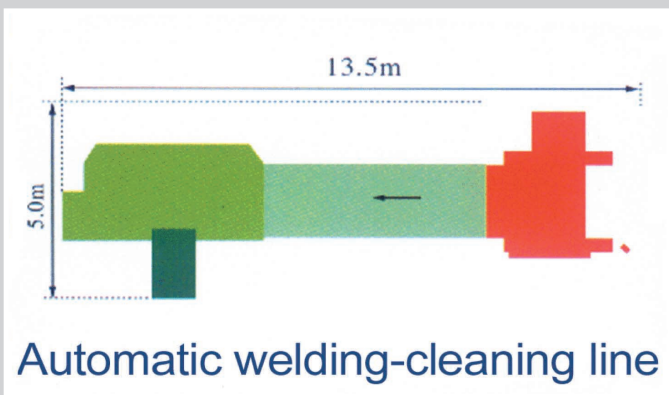


- Integrate into automatic welding and cleaning line
- Automatic welding of a complete PVC window/door frame or sash in one working cycle
- Horizontal profile feeding with operator friendly insertion position
- Head movement is driven by three phase frequency motors through linear ball screws with encoder control.
- The welding head movements are along hardened steel guide bars with precise ball bearings



WSA4LH

HORIZONTAL AUTOMATIC FOUR HEAD CORNER WELDING MACHINE



Optional Accessories

- Double stacking: The WSA4LH can be manufactured to double stack weld providing the welding size are the same
- Six head WSA6LH available with 2 transom heads mounted in the centre of four corner heads
- Data transfer
- Networking
- Bar code reading

TECHNICAL DATA	
Measurement	4000x3600x2000mm
Weight	2580kg
Power output	230/400V,3PH,50Hz N. PE
Compressed air supply	6-8bar
Standard weld seam restriction	2mm
Special weld seam restriction	0.2m
Min profile size (WxH) without line connection	400x350mm
Minimum profile size with line connection	450x450mm
Maximum profile size WxH	2100x2400mm
Minimum profile height (Line connection)	35mm
Minimum profile height (without line connection)	unlimited
Maximum profile height (line connection)	120mm
Maximum profile height (without line connection)	180mm

WEGOMA reserve the right for any technical change.

FEATURES

- Due to the encoder automatic calibration for axes is carried out when the machine is turned on
- Quick change and fixing of the profile contour blocks by means of stop bolts
- Screwless Teflon change cover to heating plate
- Standard weld seam restriction is 2mm. 0.2mm heated weld seam restriction is easy adjustable by means of the stainless steel knives
- The machine bed is made with azonia giving maximum protection for the profile surface
- The related profile data is freely pre-programmed directly by the user
- All welding parameters eg. welding temperature, warming-up time and joining pressure are individually adjustable
- Welding temperature is constantly being monitored via perfectly synchronised temperature and heating elements
- Beckoff industry PC C3320 control with TwinCAT, Windows 2000 software, a 12 inch TFT screen, 12 function keys, 10 PLC keys, access from the front

Wegoma GB
Unit 8
Dunscar Industrial Estate
Blackburn Road
Bolton
Lancashire
BL7 9PQ

T: 00 +44 1204 303777
F: 00 +44 1204 303888
E: info@wegomagb.com