

# Multi-Head Welding Machine SMH 516

**High-performance** welding machine for the simultaneous welding of four profile bars to a frame at an angle of 90° with diagonal push method with servo-drives



ill. encloses option sillmounting

## Technical data:

- Connected load (kW): max. 10
- Voltage (V): 400
- Operating pressure (bar): 6-7
- Air consumption per welding (NL): approx. 150
- Welding length (mm):  
340 - max. 3500 (without sealing forming units)  
430 - max. 3500 (with sealing forming units)  
depending on specification
- Welding width (mm):  
430 - max. 3500 (without sealing forming units)  
500 - max. 3500 (with sealing forming units)  
depending on specification

- Profile height (mm):  
40 - 155 , optional 40 - 220
- Profile width (mm): max. 140 without tools
- Machine dimensions W x D x H (mm):  
depending on specification
- Weight(kg): approx. 3500 depending  
on specification
- Workable material: hollow profiles made  
of PVC

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### Characteristic features:

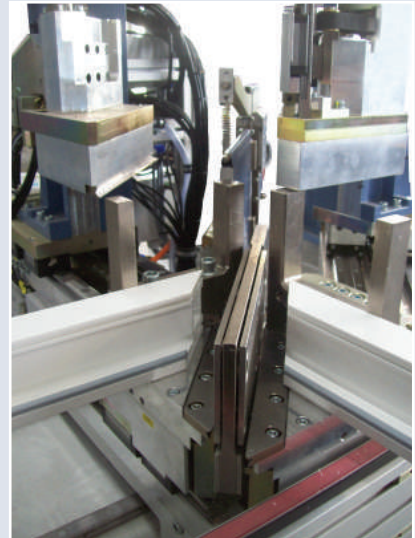
- Welding with diagonal feed
- Machine prepared for HTS function
- Weld seam limitation adjustable 0.2-2 mm
- Front profile clamping moved laterally at the corners
- Integrated frame tool
- On motion axes are high quality flat rails used
- Easy and quick change of welding tools
- Easily accessible welding mirror
- PC control
- Automatic frame out transport
- Quick changing device for teflon foil
- Control of a ROTOX-cooling station
- With simultaneous delivery:  
Data transfer to ROTOX Corner Cleaning-machines  
with PC control

### Optional extras:

- Heating for knives with regulation
- Setting HTS
- Automatic knife adjustment 2 positions just  
above and / or below only
- Limitation knives for laminated profiles
- Automatic tool carrier offset ideal for welding frame  
combinations
- Equipment for the welding of U-frames
- 2+2 welding
- 2 piece motorized movable transom drill sets, each  
with one drill spindle
- Extension for profile heights from 40 mm to 220 mm
- Outfeed unit for double-stack welds
- Sealing forming units
- Equipment for the mounting of stands of aluminium  
with pneumatically moveable support stops
- Bar-code scanner



*Motor moveable  
sealing forming units  
pushing and pulling*



All details are subject to alteration without notice to incorporate improvements - 07.07.2014