## SM 3TVH

Welding and cleaning machines


Automatic in-line 3-head welding machine for right angle corners and also corners in the range $30^{\circ}$ to $180^{\circ}, \mathrm{T}, \mathrm{H}$ and cross welding. SM 3 TVH comes in 2 working lengths ( 3440 and 4440 mm ) and offers the possibility of welding up to 2 frames simultaneously with 1 or more heads. SM 3 TVH is provided with heated welding bead restrictors adjustable in the configuration phase, in a range from 0.5 to 2 mm ; it also has vertical vices running on linear slideways. Depth of fusion can be set at 2.5 or 3 mm while the support arms feature adjustable height. SM 3 TVH can be fitted with counterblocks (optional) and can handle all types of standard profiles (including acrylic and coated) as well as large profiles (solid profiles). The machine, provided with a quick change system, allows easy cleaning of the teflon film. The work cycle is controlled by a PLC while the heating plate has a digital temperature controller (settable in both ${ }^{\circ} \mathrm{C}$ and ${ }^{\circ} \mathrm{F}$ ); the heating time can be set via the LCD display.

SM 3TVH / WELDING AND CLEANING MACHINES

| MACHINE SPECIFICATIONS |  |
| :---: | :---: |
| Maximum welding size (long / short version) (mm) | 4.440 / 3.440 |
| Minimum dimensions of the frame (length $x$ height) (mm) | $300 \times 270$ |
| Maximum profile width - welding at $90^{\circ}(\mathrm{mm})$ | 130 |
| Maximum profile height (mm) | 160 |
| Minimum profile height (mm) | 40 |
| Automatic distancing at the end of the welding | - |
| Welding bead (presettable during the configuration phase) (mm) | $0,5 \div 2$ |
| Heated welding bead restrictors | - |
| Welding temperature control ( ${ }^{\circ} \mathrm{C}$ ) | $0 \div 260$ |
| Bead temperature control ( ${ }^{\circ} \mathrm{C}$ ) | $0 \div 50$ |
| Melting time setting | - |
| Welding time setting | - |
| Rotating heads | 1, 2, 3 |
| Heads rotation angle | $90^{\circ}$ |
| OVERALL DIMENSIONS AND POWER |  |
| Width (with profile support arms fully retracted) (mm) | 1.960 |
| Width (with profile support arms fully extended) (mm) | 2.460 |
| Length (long / short version) (mm) | 4.920 / 3.920 |
| Height (mm) | 2.100 |
| Weight (long / short version) (kg) | 1.550 / 1.450 |
| Installed power (kW) | 8 |

Included Available $\bigcirc$

