



SM 2LV

Welding and cleaning
machines



Automatic in-line welding machine with fixed head for right angle corners and movable head for corners in the range 30° to 180°. SM 2 LV comes in 2 versions and 2 lengths: with or without heated knives and with a max. length of 3440 mm (long version) or 2440 mm (short version). SM 2 LV is provided with heated welding bead restrictors adjustable in the configuration phase, in a range from 0.2 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 2 LV can be fitted with counterblocks (optional) for standard and Seamless welding and can handle all types of standard profiles (including acrylic and coated). 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 °C and °F); the heating time can be set via the LCD display.

**SM 2LV / WELDING AND CLEANING MACHINES****MACHINE SPECIFICATIONS**

Maximum welding size (long / short version) (mm)	3.440 / 2.440
Minimum welding size (mm)	420
Dimensions of the plate on the fixed head (length x width x thickness) (mm)	250 x 300 x 13
Dimensions of the plate on the movable head (length x width x thickness) (mm)	340 x 300 x 13
Maximum profile width - welding at 90° (mm)	150
Maximum profile width - welding at 180° (mm)	230
Maximum profile height (mm)	200
Minimum profile height (mm)	40
Automatic distancing at the end of the welding	●
Compatible with Seamless counterblocks	●
Counterblocks quick change	○
Welding bead (presettable during the configuration phase) (mm)	0,2 ÷ 2
Adjustable welding bead width 0,2 - 2,0 mm	○
Heated welding bead restrictors	○
Welding temperature control (°C)	0 ÷ 260
Bead temperature control (°C)	0 ÷ 50
Melting time setting	●
Welding time setting	●
Overall dim. (width x long/short version length x height) (mm)	1.000 x 4.000 / 3.000 x 1.900
Installed power (kW)	5
Weight (long / short version) (kg)	740 / 670

Included ● Available ○