



Semi- Automatic Impulse Heat Seal Welder





OVERVIEW:

Pulsa ECO is a semi-automatic advanced thermal **impulse** sealing machine for welding all kinds of technical textiles with a precision controlled welding parameters and manual functions for folding, overlapping, hem pockets, reinforcements, zippers and profiles. The multi-step sealing control process creates the best looking and strongest seams with ease and simplicity of use and full operator ergonomics.



FEATURES:

- Excellent use with PVC, PE, PU, Acrylics – basically all coated thermoplastic fabrics, woven and non-woven
- Standard weld lengths: 320cm,
- Welding seam widths: 6, 8, 10, 15, 25mm
- Manual folding, welding, overlap joining, Zippers, PVC profiles and reinforcements,
- Compact designed, opened design machine for better visibility of work space
- Precision temperature control ($\pm 3^{\circ}\text{C}$)
- Controlled heating and cooling cycles for consistent welds
- Welding of pockets and hems with the use of simple folding tools
- InvisiWELD technology for creating virtually invisible seams with individual temperature control of upper and lower welding bars
- Universal use for welding seams in banners, sign, awnings, roller blinds, etc.
- Advanced safety features with pressure switch and optical sensors



TECHNICAL SPECIFICATION:

Seam width	10 mm (6, 8, 15, 25 mm available per request)
Welding length	320, 430cm or 600 cm
Welding cycle time approx:	10 sec
Maximum temperature	300°C
Electric supply	400 V/3 phase or by request
Average electric consumption	6 kVA (during weld cycle)
Compressed air supply	6 bar
Compressed air consumption	ca. 25 L/min
Weight	~1000 kg

