

PULSA SUPRIM

Automatic Impulse Heat Welder / Sealer

- Excellent use with PVC, PE, PU, Acrylics - all thermoplastic fabrics coated, woven and non-woven
- Standard available weld lengths are 320cm, 430cm, 600cm
- Welding seam widths: 8, 10, 15, 25mm
- Automatic folding, welding, overlap joining, Zips, PVC profiles and reinforcements, stick/slat insertion
- Compact designed, opened design machine for better visibility of work space
- Interchangeable welding bars for versatility of use
- Linear servo-drives for precision and repeatability of seams
- Multilanguage touch screen HMI operation with recipes memory
- Multipoint precision PLC temperature control ($\pm 3^{\circ}\text{C}$)
- Separate temperature settings for lower and upper welding bar
- PLC controlled heating and cooling cycles for consistent welds
- Automatic welding pockets and hems
- Welding zippers with servo control of weld line position
- Advanced safety features with pressure switch and optical sensors
- Universal use for seams required by the sign, awning, pergola and blind makers
- Optional use of hotmelt tape for bonding non-welding fabrics
- Optional lasers for ease of fabric positioning



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HF Welders - Impulse Welders - Heat Sealers - Boxmakers - Die Cutters
Thermoformers - Hydraulic and Pneumatic Presses - Custom machines

CE  **Made in EU**



PULSA SUPRIM - quick overview

■ Pulsa SUPRIM series are the most advanced thermo impulse sealing machine for welding all kind of technical textiles with precision controlled welding parameters and automatic functions for folding, overlapping, hem pockets (20-110mm), 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. Multipoint temperature control, separate settings for lower and upper welding bars for high aesthetics of final welds.

Applications:

- PVC laminated fabrics
- Vinyl coated fabrics, Vinyl Films
- Polyurethane (PU) coated fabrics, Polyurethane films
- Polypropylene-coated fabrics
- Polyethylene (PE)
- Thermoplastic
- Rubber fabrics
- Acrylics and others...

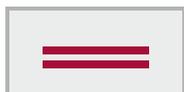
Automatic functions:



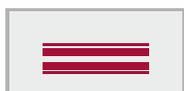
Overlap welding



Pockets welding



Simple welding



Reinforced welding



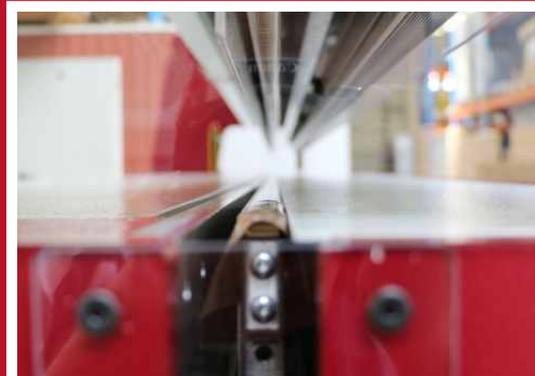
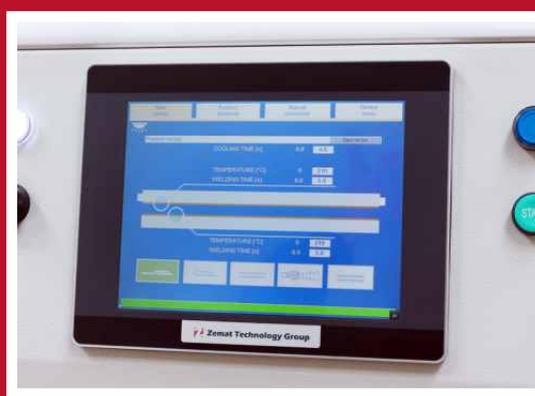
Zipper welding

Custom built tooling and electrodes available upon request. Each machine is built according to customers needs. Parameters can be modified or adjusted - if required - at additional cost.

Technical specification

Pulsa SUPRIM

Seam width	10 mm (8, 15, 25 mm available)
Welding length	320 cm [126"], 430 cm [169"], 600 cm [236"]
Welding tools max length	600 cm
Pocket sizes	20 - 110 mm
Welding cycle time approx:	10 sec
Maximum temperature	300°C (570°F)
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. 15 NI/cycle (320 cm model)
Dimensions	L 3500 x W 1080 x H 1800 mm (320 cm model)
Weight	1500 kg



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60 YEARS STRONG
1957-2017

