

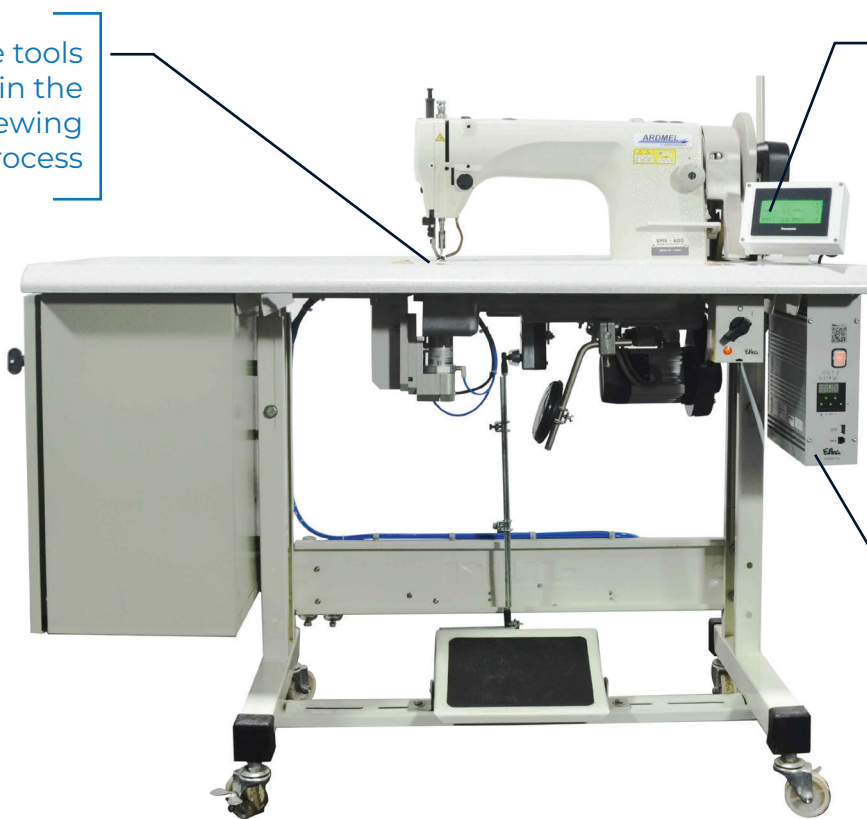


## SMS-600

# Ultrasonic Sewing Machine

Interchangeable tools allow flexibility in the sewing process

HMI touchscreen simplifies operation for easy and intuitive use



CE Marking for compliance with European Union safety and environmental requirements

## Innovating design concepts through the application of stitch-less technology

Ultrasonic sewing machines are versatile tools used in various industries for a range of applications due to their ability to bond materials without the need for traditional stitching.



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## SMS-600 Ultrasonic Sewing Machine

The SMS-600 Ultrasonic Sewing Machine by Ardmel represents a unique approach to ultrasonic technology, offering threadless bonding of textiles.

Distinguished by its unique design, this machine ensures ease of manipulation around curves. The SMS-600 can handle a variety of different fabrics, delivering smooth threadless seams, that can be strengthened further by tape application to the exterior or underside.

Designed with physical resemblance to a traditional sewing machine, the SMS-600 minimises additional training requirements, ensuring operators swiftly attain proficiency in its operation.

This machine incorporates advanced technological features to optimise energy efficiency. With an integrated automatic energy-saving mechanism, this intelligent system conserves power and compressed air by deactivating the air supply when not in use.

### Standard Fittings



#### 35kHz Generator

**Use:** Delivers high-frequency ultrasonic energy for precision bonding.

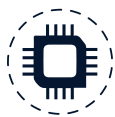
**Benefit:** Swiss craftsmanship ensures reliability and efficiency in ultrasonic technology.



#### CE Marked – Noise Reduction

**Use:** Minimises ultrasonic generator noise to prevent hearing damage.

**Benefit:** Compliance with CE marking standards promotes user safety and workplace health.



#### Microprocessor Control

**Use:** Regulates and optimises the ultrasonic sewing process.

**Benefit:** Enhances precision and consistency in seam quality through advanced control mechanisms.



#### HMI Touchscreen

**Use:** Input data through the touchscreen HMI panel designed for easy programming.

**Benefit:** Simplifies user interaction and programming, ensuring user-friendly operation and efficient machine setup.



#### Watertight Seams

**Use:** Ensures seam integrity and water resistance in finished products.

**Benefit:** Ideal for applications requiring waterproof or water resistant properties.



#### Less Bulky Seams

**Use:** Creates smoother, less bulky seams for improved aesthetics.

**Benefit:** Enhances the visual appeal of finished products, meeting high cosmetic standards.

### Specification

<b>Power Requirements</b>	230 V AC 50 Hz single phase 5 Amps
<b>Pneumatic</b>	6 bar at 60 litres/minute
<b>Dimensions</b>	1200mm x 540mm x 1100mm
<b>Weight</b>	130kg (net)