

Product Sheet

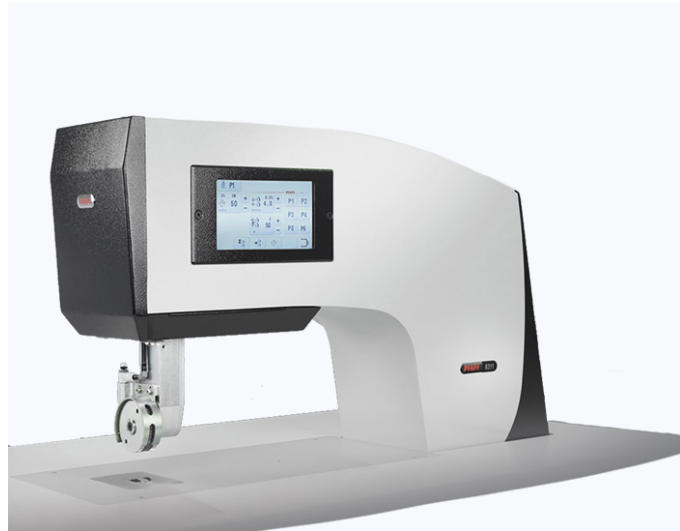
PFAFF 8311

Category: Welding machines

PFAFF 8311 – Ultrasonic welding with full control

The PFAFF 8311 is the first machine that continuously monitors the welding power. With digital control and logging of speed, energy and pressure, it offers high stability and repeatability. The flexible platform with various options makes it ideal for technical and textile applications in the medical and automotive industries, among others.

- Continuous measurement and control of welding force
- All parameters (speed, energy, force) are controlled digitally
- Innovative dual wheel system – cutting wheel can be activated via motor



Product description

PFAFF 8311 – Next-generation ultrasonic welding with power control

The PFAFF 8311 takes ultrasonic welding to a new level with the world's first system for continuous monitoring of welding power. All parameters – speed, energy and pressure – are digitally controlled and logged, providing unique stability, repeatability and process understanding. The machine is built on a flexible platform with multiple options that make it adaptable to a range of technical and textile applications, from medical to automotive.

Description

- Continuous measurement and control of welding force
- All parameters (speed, energy, force) are controlled digitally
- Innovative dual wheel system – cutting wheel can be activated via motor
- Smart touch screen with icon-based interface
- Optional platform: light, cooling, ground laser, motor puller, etc.

Technical Specification

Machine Specifications	
Ultrasonic frequency	35 kHz
Sewing width	1.0–10.0 mm
Welding/sealing speed	• 0.5–10 m/min • up to 20 m/min (optional)
Electrical connection	1-phase, 230 V, 50/60 Hz