



Product Sheet

Pfaff 8310

Category: Welding machines

PFAFF 8310 – Programmable ultrasonic welding machine

The PFAFF 8310-041/001 is a high-precision machine with a column bed, ideal for three-dimensional details such as hoods, covers and technical textiles. The electronic control of power, amplitude, speed and pressure allows for optimal adaptation to different materials. With programmable sequences, dynamic welding technology and differential feed, the machine delivers precise, clean and durable welds – completely without needles or filler material.

- Electronic control
- Programmable sequences
- Dynamic welding

Product description

PFAFF 8310 – Programmable ultrasonic welding machine with column bed

The PFAFF 8310-041/001 is a high-precision machine that combines ultrasonic technology with advanced sewing principles. The column bed makes it easy to process three-dimensional parts such as hoods and covers, making the machine ideal for technical textiles, polymer-based fabrics and nonwovens. With programmable sequences, dynamic welding technology and process control, it delivers precise, clean and durable welds without the need for needles or filler materials.

Description

- Electronic control – adjusts power, amplitude, speed and pressure
- Programmable sequences – customised welding operations
- Dynamic welding – energy controlled via foot pedal
- Differential feed – separate drives for sonotrode and counter wheel
- Process control – ensures consistent quality

Technical Specification

Machine Specifications

• Ultrasound frequency	35 kHz
• Effect	400 W
• Sealing speed	0.5–10 m/min (20 m/min optional)
• Stitch width	1.0–10.0 mm
• Excitement	230 V single phase, 50/60 Hz