

# 8320

Programable hot-wedge  
or hot-air welding machine



# PFAFF 8320

The one and only with  
100% parameter control

## **Features:**

- No buttons, no pressure gauges:  
One touch screen and 100% parameter control
- All parameters are controlled electronically:  
One integrated control board monitors the heat-sealing temperature, the air flow, the roller pressure and the two motors for the top and bottom roller
- Proportional valves enable the dynamic adjustment of the air flow and roller pressure
- Two precision-controlled motors permit an extremely accurate differential transport
- Entirely new 2-axis swing in mechanism:  
The nozzle or wedge can be very accurately adjusted without tools by using a compound slide rest
- Hinged post: The bottom post holder can be turned over 180° as desired. Depending on the application it is possible to feed off the arm, as post- or feed on the arm
- Adjustable stand height: With a crank the working height can be adjusted exactly to suit the application
- Different wedge sizes
- Interchangeable swivel unit
- Different nozzle sizes and shapes
- Alternatively hotwedge or hot air available

*The beginning of a new welding machine generation!*

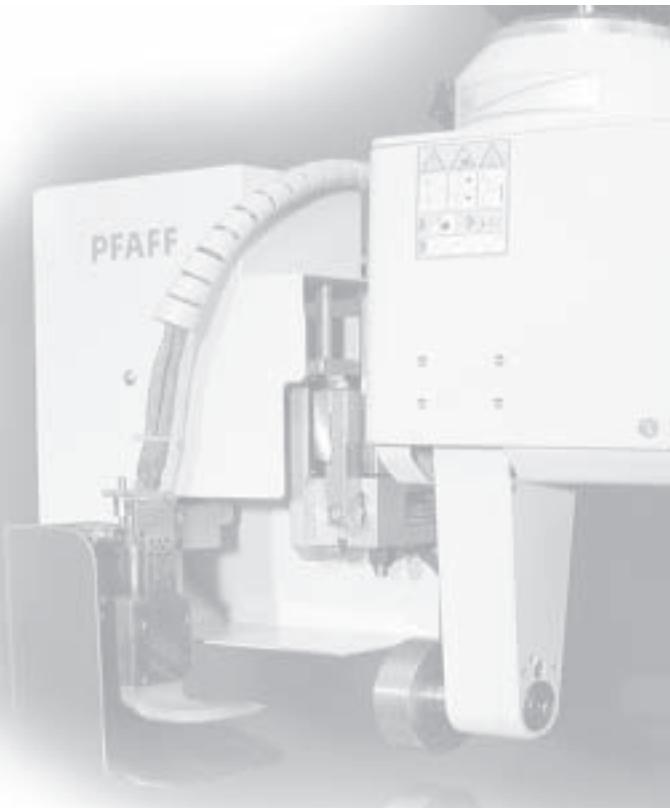
## **Programmed heat-sealing with the PFAFF 8320**

With the new PFAFF 8320 sealing sequences can be programmed, i.e. depending on the cutting and the fabric any parameters can be entered for a given segment and reproduced with 100% accuracy. An absolute innovation from PFAFF!

During the IMB fair 2006 in Cologne the PFAFF company was awarded with the *IMB Innovation award 2006*.

### A new dimension in process control

- Differential transport possible during sealing
- Heat-up and cool-down cycles possible
- Additional inputs and outputs available:  
The 8320 can be easily integrated in a unit.
- Different operating levels protected by passwords:  
If desired, the operator can only select certain operating sequences
- Selectable languages and units of measurement



### *Areas of application PFAFF 8320*

- Car covers
- Flexible tanks
- Keder manufacturing
- Truck awnings
- Swimming pool liners
- Banners
- Small tents
- Inflatable materials
- Convertible tops for cars
- Filter



#### Options:

- Tubing guide for filter tubes
- Exhaust unit
- Tape reel unit

**NEW**

Interchangeable swivel unit.

Easy exchange between hot air and hot wedge.



**Technical Data:**

**Dimensions and weight:**

Length: ca. 1100 mm  
 Width: ca. 620 mm  
 Height: (without tape holder): ca. 1400 mm  
 Clearance width: ca. 480 mm  
 Clearance between rollers: ca. 20 mm

**Width of hot wedges (mm):**

7, 9, 12, 15, 20, 30

**Width of nozzles:**

10 - 30 mm (others available)

**Net weight:**

ca. 140 kg

**Sealing speed:**

max. 10 m/min (standard)  
 option up to 30 m/min available

**Mains voltage set for:**

230 V ± 10%, 50/60 Hz, 1 phase

**Power input:**

8320-010 (hot-wedge version):  
 ca. 1500 W  
 8320-020 (hot-air version):  
 ca. 3500 W

**Heating capacity:**

8320-010 (hot-wedge version):  
 ca. 1000 W  
 8320-020 (hot-air version):  
 ca. 3300 W

**Air consumption (6 bar):**

8320-010 (hot-wedge version):  
 30 l/min  
 8320-020 (hot-air version):  
 30 – 150 l/min

**Sealing temperature:**

8320-010 (hot-wedge version):  
 max. 500°C  
 8320-020 (hot-air version):  
 max. 650°C



Application support: +49-6301/3205-3426  
 Hotline: +49-160/5827604

**Email:**

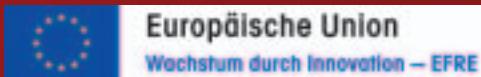
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**Internet:**

[www.pfaff-industrial.com/welding](http://www.pfaff-industrial.com/welding)

The right to alter the design, weight  
 and dimensions is reserved.

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