

**8330**

Hot-air welding machine  
for continuous seam welding

*... Dynamic Welding*



**INDUSTRIE  
PREIS 2008**



# PFAFF 8330

## **Advantages:**

- „Dynamic Welding“ and the new differential feed guarantee top seam quality
- Maximum reproducibility of the welding process
- 20% increased productivity in comparison to other tape welding machines
- Transferable machine settings using files
- Up to 15% reduction of the amount of tape used compared to standard machines

## **Method:**

- Hot-air seam taping



## Programmable taping with the PFAFF 8330

The new hot-air welding machine, PFAFF 8330, was developed for welding continuous seams on water-resistant, waterproof and breathable materials. It can also be used for cross seams with 3 material plies. Innovations and technical refinements are features of the PFAFF 8330, which make it unique:

### ***Maximum Quality***

#### Exact reproducibility with programmed taping

Both individual segments and complete cycles can be programmed. Created programs and parameters can be transferred to other machines in the production process.

#### Differential feed

Two separate drive motors for the top and bottom feed roller guarantee an optimum adaptation to the operation (e.g. smooth seams or fullness for formed parts).

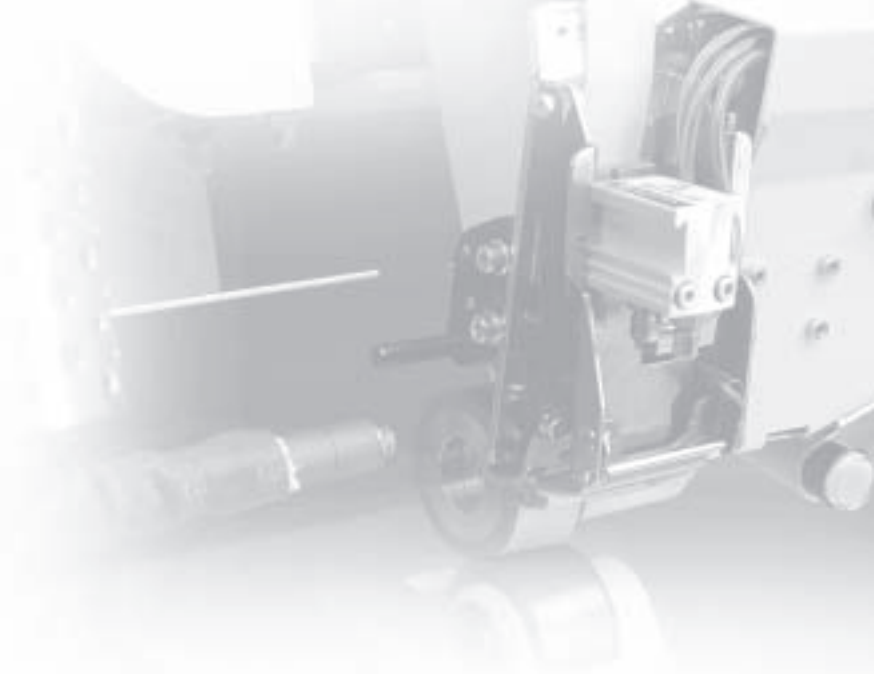
### ***Maximum productivity and efficiency***

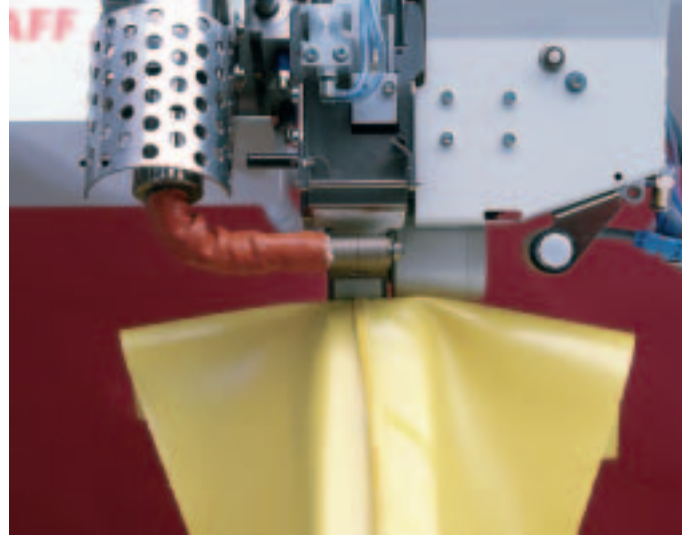
#### Dynamic Welding

Automatic adjustment of the heating power to the variable speed. Two temperature sensors (optional) enable the control of the heating temperature. Automatic monitoring and adjustment of all pre-set or programmed parameters.

#### Tape cutter with separate drive

Trimming of the seam tape becomes unnecessary (welding from the beginning of the tape), resulting in a considerable reduction of the tape used. The tape cutter is electronically controlled, with precision adjustment for optimum setting. Optional: sensor-controlled, automatic tape cutting at the end of the material.





### **Features:**

- Traditional tape welding combined with the possibility of programmed welding
- Touch screen for easy operation with pictograms
- Various operator levels possible, with password protection, e.g. fixed parameters cannot be altered by the operator
- Monitoring of the heating temperature with two sensors (optional)
- Individual segments as well as complete sequences can be programmed
- Automatic monitoring and maintaining of all pre-set or programmed parameters
- Variable post system (post width and position – depending on use)
- Exactly reproducible nozzle setting with x/y-carriages
- During the production sequence programs and parameters can be transferred to other machines
- Software update by e-mail possible



### **Areas of application:**

For all tape welding operations which require a high level of process reliability and a reproducible quality.

- Outdoor and protective garments
- Shoes
- Automotive section like car seats, arm rests and similar to prevent the foam coming through needle holes after sewing

The 8330 can be used in all sectors where seams have to be welded with a tape.

## **Technical Data:**

### **Dimensions and weight:**

Length: approx. 1250 mm  
Width: approx. 700 mm  
Height: (without tape holder): approx. 1400 mm  
Clearance width: approx. 380 mm  
Clearance between rollers: approx. 20 mm

### **Width of nozzles:**

10 - 30 mm (others available)

### **Net weight:**

approx. 140 kg

### **Sealing speed:**

max. 7 m/min (standard)  
option up to 20 m/min available

### **Mains voltage set for:**

230 V  $\pm$  10%, 50/60 Hz, 1 Phase

### **Power input:**

3700 W

### **Heating capacity:**

3600 W

### **Air consumption (6 bar):**

approx. 150 l/min

### **Sealing temperature:**

650 °C

Application support: +49-631/200-3426

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

For further information, please contact our sales department.  
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