

# PFAFF

fine sewing

## 3834

Integrated sewing unit for  
programmed fullness control



# PFAFF 3834

High-quality jackets, blazers and ladies' jackets can be recognized by the quality of the sleeve setting. The "sleeve setting" operation therefore plays a key role in the branch. We offer a solution for the highest demands with the programmable sleeve setting sewing machine, the PFAFF 3834, "Made by PFAFF in Germany"!

"Sleeves set as if tailor-made!" A new puller feed system was developed for the PFAFF 3834-14/31, which sets new standards, particularly for the processing of delicate materials. The new puller is located behind the needle and is driven by a separate DC-motor. The automatic puller effect guarantees optimum material feed, smooth seams lines and an even stitch formation, in particular when sewing delicate fabrics. The PFAFF 3834 is equipped with a new touch-screen control panel for easier operation. A version without puller unit, the PFAFF 3834-14/11 is also available (for sewing heavy materials such as coats, uniforms etc.).

*„Touch the future“ with the PFAFF 3834!*



## Features:

- The new puller feed system sets standards for setting sleeves in suit jackets, jackets etc. (subcl. -14/31)
- Modern touch-screen control panel set in a good ergonomic position in the view of the operator. A diagram of the armhole is shown on the screen to enable simple orientation during sewing.
- The teachable microprocessor control allows sewing of all sizes of a style when fullness amounts and grading values have been input.
- Fullness application can also be determined by the operator. The fullness amount is activated by a second pedal and indicated by a bar diagram in the display.

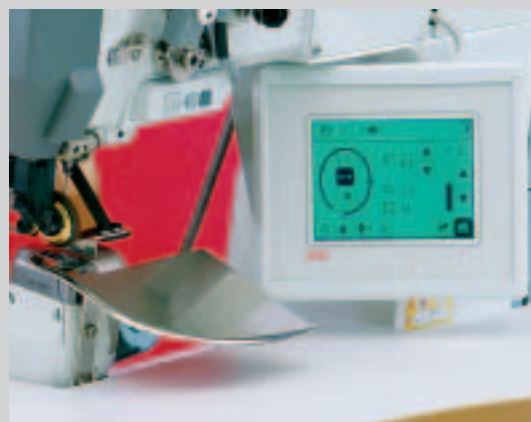
## Advantages:

- Problem-free setting of pre-gathered and un-gathered sleeves.
- Consistently high sewing quality and accurate distribution of fullness.
- Very good view of the material in the sewing area, due to new feed concept.
- Stitch-length and fullness amounts in increments of 1/10 mm.
- Separately adjustable feed ratio for the top and bottom feed system (by stepping motor) for consistent application of fullness.
- No compressed-air connection required
- The active thread tension is controlled by the sewing program and can be matched to each seam section individually.
- Accurate and consistent stitch formation and constant stitch length.
- Teach in seam programming on a medium size.
- Mirrored seam for alternating left or right sleeve.
- By entering the grading values the sewing programs for all sizes are called up automatically.

### Output data:

Setting pre-gathered sleeves:  
approx. 200 - 250 jackets in 8 hrs.

Setting ungathered sleeves:  
approx. 170 - 220 jackets in 8 hrs.



## Equipment:

- Puller feed and top roller presser, bottom wheel feed (subcl. -14/31)
- Easy-to-service thread trimmer
- Detachable table section
- Edge guide
- Height-adjustable stand
- Touch-screen control panel
- Sewing program-controlled active thread tension
- Integrated sewing drive

## Method of operation and seam programming:

### SEWING IN PRE-GATHERED SLEEVES:

#### *Program 1*

Two variable feed rates can be triggered by knee-switch control alternately.

#### *Program 2*

Same as program 1, but three feed rates can be triggered one after the other.

Programs 1 and 2 are firmly installed programs. The feed rates in them are variable.

### SEWING IN UNGATHERED SLEEVES:

#### *Program 0*

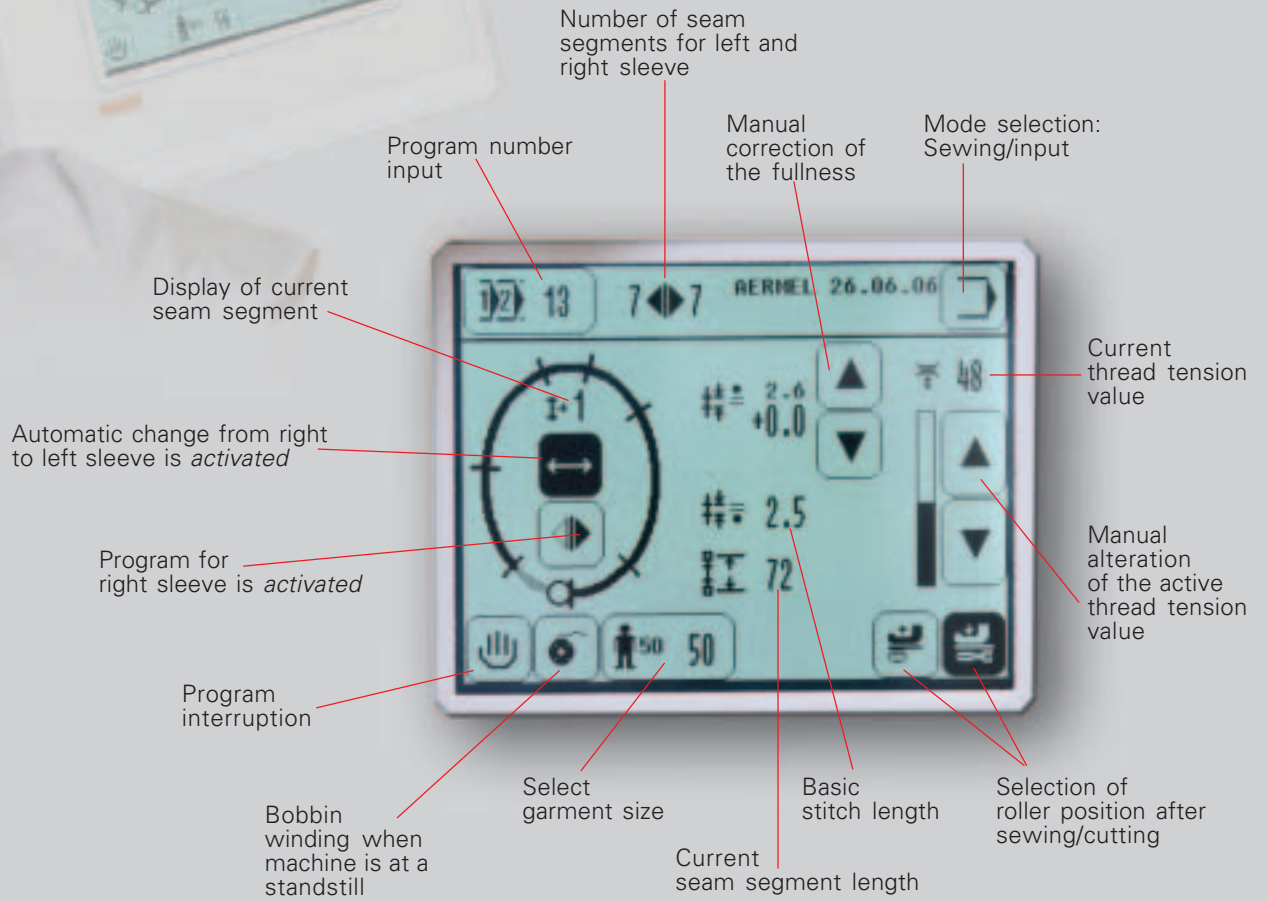
Manual method. The operator activates the required fullness by a second pedal, and the fullness is indicated by a bar diagram on touch-screen control panel. This is recommended for training on the machine and for small batches.

#### *Programs 3 to 49*

Programmed sleeve setting. The seams are programmed by the teach-in method while sewing in the right sleeve of a basic size. The fullness amounts and grading values are input by the operator. When the grading values are input, all sizes of a style are automatically saved. The same applies to programming the seam for the left sleeve. An automatic change switches from the right to left sleeve or vice versa.



## The touch screen control panel:



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## Specifications:

**Stitch type:**

301 (lockstitch)

**Max. speed:**

3,500 s.p.m.

**Needle system:**

134-35 R

**Motor:**

Quick-Mini/long version

**Connection voltage:**

230 V, 50-60 Hz

**Power connection:**

0.55 kW

**Max. fabric clearance:**

9 mm

### Hotlines:

Technical service: +49-175/2243-101

Application consultancy: +49-175/2243-102

Spare-parts hotline: +49-175/2243-103



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