

Excellence in seaming

# 3734/3834

Special sewing workplaces  
for sleeve setting



# 3734/3834 SIMPLY INGENIOUS

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. The perfect sleeve setting will be ideally achieved with the new PFAFF 3834 sleeve setting machine „Made by PFAFF in Germany“ . Thanks to the revised feeding system with selectable roller pressers and the new, automatic thread tension regulation, the machine can be operated with even greater process reliability and simplicity. Sewing sleeves has never been easier and more flexible. SIMPLY INGENIOUS!



The programmable sleeve setting machine PFAFF 3834 as a solution for the highest demands – "Sewing in sleeves like a professional tailor". For the new PFAFF 3834 a thread tension control has been developed that automatically adjusts the thread tension to the material thickness currently being handled. The material thickness detection and real-time adjustment (360° monitoring) feature ensures optimum stitch formation, even when sewing over cross-seams and interlinings. By using the roller presser (running close to the needle), the material can be worked in with pinpoint accuracy. Optimal work with a clear view of the sewing material is assured. The new machine guarantees smooth seams and even stitch formation, especially when sewing sensitive and difficult fabrics.



With the PFAFF 3734 sleeve setting machine, we offer a simple and affordable solution for achieving the perfectly sewn-in sleeve. The new PFAFF 3734 also uses the new thread tension regulation and the roller presser concept featured in the PFAFF 3834. It is equipped with the easy-to-use BDF-S5 control panel. For sewing in pre-gathered sleeves, pre-set fullness amounts can be activated via knee switch. This amounts ensures an optimum fitting of the pre-gathered sleeve into the arm hole. When sewing in non-pre-gathered sleeves, the user controls the required fullness using a second pedal. PFAFF 3734 guarantees good results even when processing difficult and sensitive fabrics.





Photo  
**ROY ROBSON**

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## Features and advantages:

- Problem-free setting of pre-gathered and un-gathered sleeves
- Extremely ergonomic workplace design
- New: Control and adaption of thread tension via re recognition of the material thickness
- Consistently high sewing quality and accurate distribution of fullness
- Very good view of the material in the sewing area, due to optimized feed concept via wheel feed and driven roller foot
- Extreme wide range of applications - from lining up to heavy outer fabric
- Separately adjustable feed ratio for the top and bottom feed system (by stepping motor) for consistent application of fullness
- No compressed-air connection required
- Accurate and consistent stitch formation and constant stitch length

## Further features (only PFAFF 3834)

- Stitch-length and fullness amounts in increments of 1/10 mm (within the seam areas the stitch length can be changed)
- Teach in seam programming - size is free selectable
- Mirrored seam for alternating left or right sleeve
- By entering the grading values the sewing programs for all sizes are called up automatically
- Select starting point of seam is possible
- New: Sewing programs (model/size) can be read in via a barcode scanner (option)

## Equipment

- Top roller presser, bottom wheel feed
- Easy-to-service machine concept
- Detachable table section
- Edge guide
- Height-adjustable stand
- Touch-screen control panel (only PFAFF 3834)
- Integrated sewing drive





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## Method of operation and seam programming:

### SEWING IN PRE-GATHERED SLEEVES:

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

#### *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.

### 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 diagramm on touch-screen control panel. This is recommended for training on the machine and for small batches.

#### *Programs 3 to 99*

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.





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## New concept for the roller pressers - From lining up to heavy outer fabric

The coated roller presser comes as standard with the machine. Optionally, a cross-toothed roller presser is available, which significantly expands the machine's range of applications. This means that the machine can be switched from fine, delicate fabrics to coarse/heavy, hard fabrics in seconds.

Example: Simple switching from coated to cross-toothed roller presser







**Coated roller presser:**

For operations on light and delicate fabrics,  
e.g. light men's or ladies jackets.  
(No. 91-363-050-93 /002)

**Cross-toothed roller presser:**

For operations on heavy, coarse fabrics,  
e.g. heavy jackets, coats, uniforms.  
(No. 91-363-050-93 /001)

**3734/3834** SIMPLY INGENIOUS

**PFAFF** 3834



## Maximum functionality - The touch control panel BDF-P1 of the PFAFF 3834

When sewing in sleeves, the dexterity of the operator plays an important role. The new PFAFF 3834 provides programmed and sensor-supported features that significantly reduce the workload of the user and lead to a better, more reliable sewing performance. The features are available in the modern touch control panel:

- 1 Program number input (97 programs)
- 2 Manual correction of the fullness
- 3 Current thread tension value
- 4 **New:** autom. thread tension regulation
- 5 Manual alteration of the active thread tension value
- 6 Basic stitch length
- 7 Current seam segment length (in millimetre)
- 8 Select garment size
- 9 Automatic change from right to left sleeve is activated
- 10 Display of the current segment

The PFAFF 3734 use the BDF-S5 control panel which ensures the most important basic functions - Predestinated for manual sleeve setting





## Specifications:

**Stitch type:**

301 (lockstitch)

**Max. speed:**

PFAFF 3834: 3,500 s.p.m.

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**Needle system:**

134-35 R

**Motor:**

DAC compact

**Connection voltage:**

230 V, 50-60 Hz

**Power connection:**

0,55 kW

**Max. fabric clearance:**

9 mm

**Performance in 480 min.:**

Pre-gathered sleeves: approx. 200 jackets

Ungathered sleeves: approx. 170 jackets

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