

Excellence in seaming



3834

Integrated sewing unit for
programmed fullness control

PFAFF 3834-15/31 Sleeves set as if tailor-made

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 puller feed system was developed for the PFAFF 3834, which sets new standards, particularly for the processing of delicate materials. Using the roller presser (running close to the needle) the material can be precisely inserted. Flexible work with an unobstructed view of the work piece is guaranteed. An additional small puller behind the needle ensures optimum material handling. The machine enables a neat seam design and consistent stitch formation, especially when processing delicate fabrics.



Performance:

Setting pre-gathered sleeves:
approx. 200 - 250 jackets in 480 min.

Setting ungathered sleeves:
approx. 170 - 220 jackets in 480 min.

Features:

- 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
- Touch-control-panel P1 with integrated SD card reader and USB slot. The P1 guarantees an intuitive operation
- Stitch-length and fullness amounts in increments of 1/10 mm (within the seam areas the stitch length can be changed)
- 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
- Select starting point of seam is possible

Equipment:

- Puller feed and top roller presser, bottom wheel feed
- 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

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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:

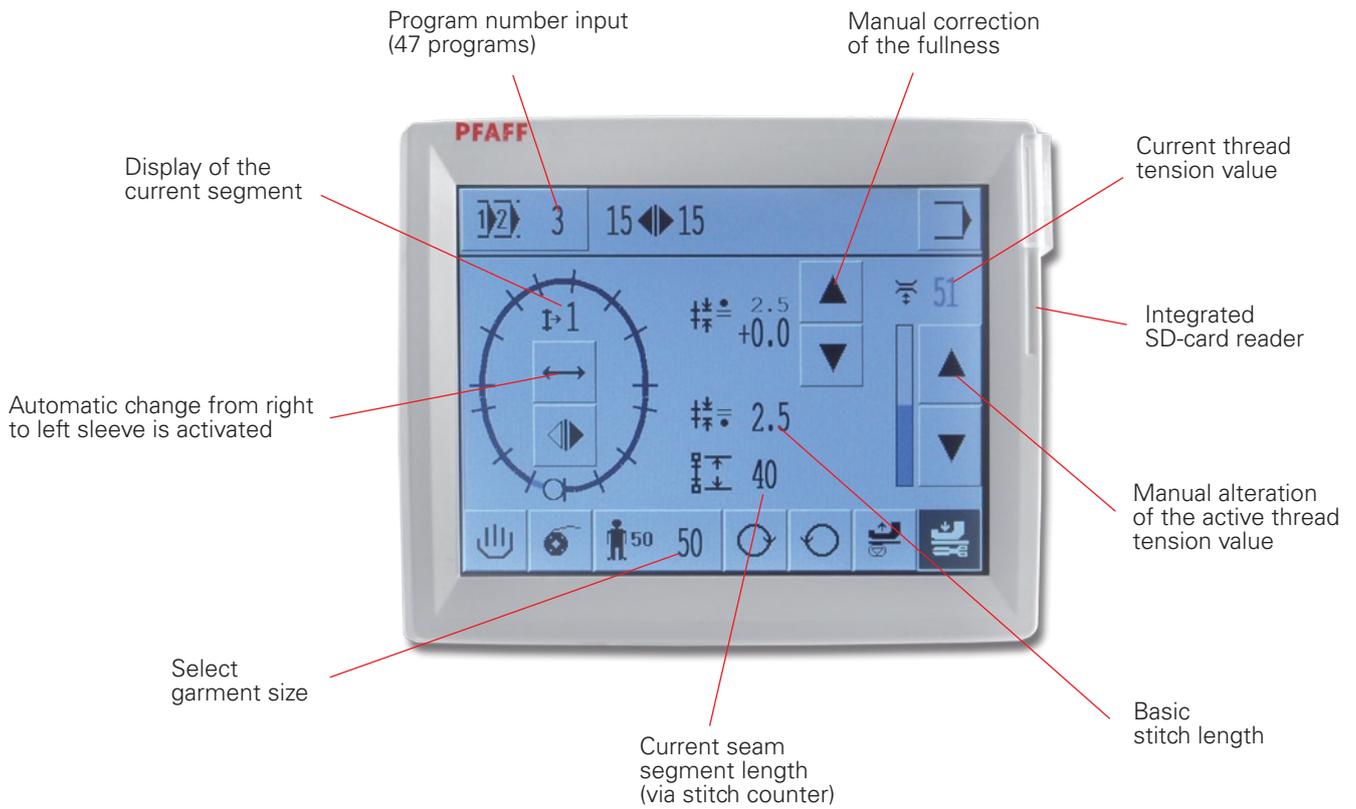
Program 0

Manual method. The operator activates the required fullness by a second pedal, and the fullness is indicated by a bar 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:



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

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