

**PFAFF**<sup>®</sup> Industrial

Excellence in seaming



**487**

Special high-speed sewing machine  
with drop feed and variable top feed

# PFAFF 487

The PFAFF 487 (Made in Germany) is a special high-speed seamer which is used in almost all areas of the sewing industry. The machine is equipped with bottom feed and variable top feed and ensures smooth sewing results without ply-shift even with delicate fabrics.

## Features:

- The variable top-feed allows application of fullness and/or sewing without ply-shift
- An additional pedal or knee switch allows variation of top feed during sewing (-918/14)
- Large hook (G) with approx. 50 % more bobbin capacity than normal machines
- Programmable control of fullness (-918/55)
- Top-feed pressure may be adjusted separately for optimum sewing of difficult materials
- Floating foot for sewing difficult material using extremely low pressure, quick-adjust stepping control for different thickness of material -918/38
- Central lubrication of sewing hook and needle bar (semi dry sewing head)
- Lifetime sealed maintenance-free bearings
- Closed gearcase with long-time lubrication pad
- Built-in adjustment gauges for easier and faster adjustment



### Subclasses (mechanical and design-dependent):

- 900/51** Thread trimmer, solenoid-controlled
- 900/99** Thread trimmer, electro-pneumatically controlled
- 909/03** Thread wiper, solenoid-controlled
- 911/97** Automatic presser-foot lift and backtacking system (electro-pneumatically controlled)
- 918/14** Quick-change stepping control  
Quick-adjustment of top feed with visual indicator. With this device, it is possible to preselect any two top feed settings which can be recalled, by activating the knee switch.
- 918/55** Programmable control of fullness  
A control unit allows preselection of various amounts of fullness, with values ranging from 0 (plain sewing without gathering) up to 9, e.g. 6 plus values = for gathering the top ply, or 3 minus values = for gathering the bottom ply; or 2 plus and 7 minus values, 5 plus and 4 minus values.
- 918/38** Height control adjustment of floating foot
- 920/11** Air unit to blow in fringes during hemming
- 926/01** Bobbin thread monitor
- 731/11** Edge trimmer (switch on and off the knife by hand)
- 731/12** Edge trimmer (switch on and off the knife - pneumatical)  
by a hot key on the machine head
- 925/03** Air filter/regulator for pneumatic devices -900/99 and -731/12,  
but WITHOUT -911/97

# PFAFF 487

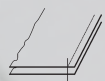
## Subclasses (seam type dependent):

- |                            |  |
|----------------------------|--|
| <b>-2/63 BS</b>            | For marginal stitching operations (right fabric edge). Vibrating presser engages the material behind the needle. Edge guide on sewing foot.<br>Top-stitch width: 1.5 to 10.0 mm. Standard: 2.0; 5.0 mm |
| <b>-2/65-918/38 BS</b>     | Same as -2/63, but with floating foot  |
| <b>-6/41 BS</b>            | For plain seaming operations. Vibrating presser engages the material in front of the needle (for flat sewing and partial fullness application)   |
| <b>-6/45-918/38 BS</b>     | Same as -6/41, but with floating foot  |
| <b>-6/61 BS, AS</b>        | For sewing together two fabric plies without ply-shift. Vibrating presser working behind the needle  |
| <b>-6/65-918/38 BS</b>     | Same as -6/61, but with floating foot  |
| <b>-19/19-918/38 ASN24</b> | Special parts set for hemming shirts and blouses. (also suitable for hems with extreme curves, hemming width: 5 mm = standard)   |
| <b>-34/41 BS</b>           | Same as -6/41, but smaller part set  |
| <b>-34/45-918/38 BS</b>    | Same as -34/41, but with floating foot   |
| <b>-104/02</b>             | Joining two plies with their right edges folded in and simultaneously inserting a third ply between them (top-stitched shoulder seam on shirts)  |

## Models:

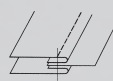
- |            |   |
|------------|---|
| <b>A</b>   | for sewing light-weight materials                         |
| <b>B</b>   | for sewing medium-weight materials                        |
| <b>N24</b> | max. stitch length 2.5 mm,<br>max. top feed stroke 4.5 mm |
| <b>G</b>   | large hook (standard)                                     |
| <b>S</b>   | for fabric  |

## Examples/Versions:



### **PFAFF 487-6/61:**

For sewing together two fabric plies without ply-shift.  
Vibrating presser working behind the needle.



### **PFAFF 487-104/02:**

Simultaneous closing and topstitching of shoulder seams (Shirts)



### **PFAFF 487 + Edge trimmer -731/11:**

Sewing and simultaneous trimming  
of collars and cuffs (shirts + blouses)



### **PFAFF 487-19/19**

Hemming of shirts and blouses

## Technical data:

**Stitch type:**

301 (lockstitch)

**Max. speed:**

5,000 s.p.m., depending on model, material and production process

**Balance wheel:**

65 mm eff. dia.

**Motor power:**

0.375 kW

**Model:**

A and B

**Max. stitch length:**

4.5 mm

**Needle system:**

134-35

**Max. top feed lift:**

3.2 mm

**Max. fabric****clearance:**

9.0 mm

**Clear work space:**

260 x 130 mm

**Bedplate dimensions:**

476 x 177 mm

**Net weight (head only):**

about 40 kg

**Gross weight****(head in carton):**

about 48 kg

**Carton dimensions (head):**

70 x 30 x 54 cm

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