

**PFAFF**<sup>®</sup> Industrial

**487-G**

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



# PFAFF 487-G

## Features:

- Employed in all branches of the sewing industry.
- 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 (-918/15)
- 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
- Double-bearings on needle bar, take-up lever and feed regulator components.
- 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.
- Most parts used on 480 series machines are standardised, low storekeeping costs for spare parts.

## Subclasses:

### -2/63 BS

For marginal stitching operations (right fabric edge). Vibrating presser engages the material behind the needle. Edge guide on sewing foot. Top-stitch width: 1.5 to 10.0 mm. Standard: 2.0; 5.0 mm.

### -2/65-918/38 BS

Same as -2/63, but with floating foot

### -6/41 BS

For plain seaming operations. Vibrating presser engages the material in front of the needle (for flat sewing and partial fullness application).

### -6/45-918/38 BS

Same as -6/41, but with floating foot.

### -6/61 BS, AS

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

### -6/65-918/38 BS

Same as -6/61, but with floating foot.

### -19/19-918/38 ASN 24

Special parts set for hemming shirts and blouses. (also suitable for hems with extreme curves)

### -34/41 BS

Same as -6/41, but smaller part set

### -34/45-918/38 BS

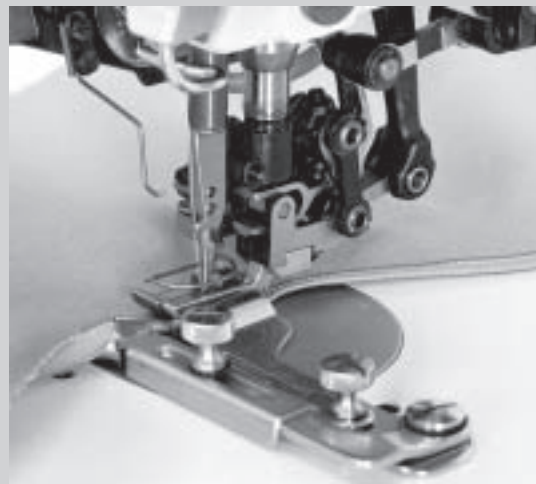
Same as -34/41, but with floating foot.

## 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, max. top feed stroke 4.5 mm
<b>G</b>	large hook
<b>S</b>	for fabric



PFAFF 487-706/83-6/65...



PFAFF 487-G-706/83-19/19-918/38...

## Work aids:

### Quick-adjustment of top feed with visual indicator (-918/14)

With this device, it is possible to preselect any two top feed settings which can be recalled, by activating the knee switch.

### Programmable control of fullness (-918/15)

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

- 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
- 918/15** Programmable control of fullness
- 918/38** Height control adjustment of floating foot
- 920/11** Air unit to blow in fringes during hemming
- 925/03** Air filter/lubricator unit
- 926/01** Bobbin thread monitor

## Standard sales range

	Thread trimmer -900/51	Thread trimmer -900/99	Quick-change stepping control -918/14	Programmable top feed device -918/15	Thread wiper -909/03	Bobbin thread monitor -926/01	Edge trimming device -731/11 or -731/12	Automatic presser-foot lifter, backtacking system, air filter/lubricator -911/97	Air blast
-2/63, -6/41, -6/61, -34/41	•								
-2/65-915/38, -6/45-918/38	•							•	
-6/65-918/38, -34/45-918/38		•						•	
		•	•					•	
		•			•			•	
		•			•			•	
-6/41, -6/61, -34/41	•		•					•	
-6/45-918/38, -6/65-915/38	•			•				•	
-34/45-918/38		•	•					•	
		•		•				•	
-6/45	•			•				•	
-6/61 AS*	•				•			•	
-6/61, -34/41								•	
-6/65-918/38, -34/45-918/38		•		•		•		•	
-6/45-918/38								•	
-6/65			•					•	
-19/19 ASN24*				•				•	
			•		•			•	
-19/19 ASN24*			•					•	•
				•				•	•
							•		
-6/41	•						•		
-6/45-918/38	•			•			•		
		•					•		
		•					•		
		•	•				•		
		•		•			•		
		•					•		
		•		•			•		

All types without \* will be delivered as model B.

For machines with pneumatic thread trimmer -900/99, and machines with edge trimmer -731/12, WITHOUT -911/97, an air filter/regulator for pneumatic devices -925/03 (Pfaff order number 91-187 426-70/893) is required for operation.

## 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:**

0.550 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

This machine is equipped with finger-guard, belt- and take-up lever guards as standard.  
Subject to changes in design, weight and dimensions.

**Hotlines:**

Technical service: +49-175/2243-101

Application consultancy: +49-175/2243-102

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



**Europäische Union**  
Wachstum durch Innovation – EFRE



**PFAFF Industriesysteme  
und Maschinen AG**

Hans-Geiger-Str. 12 – IG Nord  
D-67661 Kaiserslautern

Telefon: +49-631/200-0

Telefax: +49-631/17202

E-mail: [info@pfaff-industrial.com](mailto:info@pfaff-industrial.com)

Printed in Germany  
engl.  
296-12-18916 06/09