

# PFAFF

fine sewing

## 5489

Two-thread chainstitch high-speed seamer  
with differential bottom feed



# PFAFF 5489

## Special features:

The PFAFF 5489 is available in a single-needle, two-needle or three-needle version.

The major features are:

- Pedal-operated bottom-feed control for changing the differential feed stroke during the sewing action.
- The bottom feed can be set for stretching or gathering the lower fabric ply.
- Low-noise and vibration-free running, even at top speed.
- Conveniently located controls
- Feed regulator with integrated differential-feed control levers.
- Easy maintenance, due to:
  - centralized fresh-oil lubrication of needle bar and hook drive,
  - maintenance-free roller bearings,
  - enclosed gearcase with long-service lubrication pads,
  - built-in adjustment gauges for quick and reliable adjustment.
- Standardized parts throughout the 5480 Series, thus reduced store-keeping costs for spare parts.

## PFAFF 5489 H-814/01-704/02-739/01-748/26-58/05-910/.. CSN46<sup>o</sup>

This machine is equipped with parallel-working differential feed (-739/01) and puller feed (-748/26) and is used for economic and distortion-free sewing of left-hand lap-felled seams (yoke seam and ... seam).

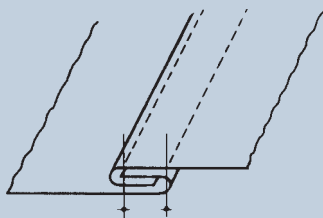
The top-driven puller mechanism works directly behind the presser foot and guarantees optimum feeding properties, even at the maximum sewing speed.

The puller is available with a smooth surface (plastic-coated) or splined surface (steel).

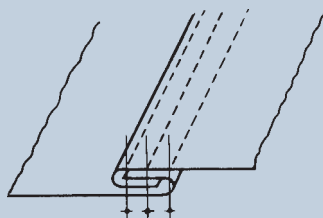
Puller roller and presser foot have one presser bar each and can be separately adjusted in pressure. This is of great advantage in sewing difficult materials.

The Pfaff 5489-H-814/01-704/02-739/01-748/26-58/05-910/.. is also available with Clinton cutter.

The machine is available in a two- or three-needle version. When ordering, please indicate required needle gauge.



**Needle gauges: 6.4; 7.2**



**Needle gauges: x3.2 x3.2  
or  
x3.6 x3.6**

<sup>o</sup> Two- or three-needle machine

## Work aids:

-748/26

Puller feed

-900/71

Thread trimmer

Electro-pneumatically controlled

-910/07

Automatic presser foot lift

Pneumatically controlled

-910/24

Automatic presser foot lift

Electro-pneumatically controlled

-917/35

Stitch condensation mechanism

Electro-pneumatically controlled

-925/03

Air filter/regulator

Clinton cutter

(for two- and three-needle machine)



## Subclasses-Table:

Model	Stitch length code	Subclasses	Max. speed in s.p.m.*	Number of needles	Max. stitch length in mm	Needle system	Stitch type
<b>B</b>		-814/01-6/01 -814/01-748/26-6/01 -814/01-748/26-6/01-900/71▲ -814/01-748/26-6/01-910/24-917/35▲	5500	1	4,5	4463-45	401
<b>C</b>	<b>N46</b>	H-814/01-704/02-739/01-748/26 -58/05-910/07▲ H-814/01-704/02-739/01-748/26 -58/05-910/24▲	4600	2 or 3	**	Uy 128 GAS	2x401 3x401

\* Depending on material and operation

\*\* **N46** = 4.5 mm stroke of main feed dog  
= 6.0 mm stroke of differential feed dog

**B** = Machine equipment for medium materials

**C** = Machine equipment for medium-heavy materials

**-6/01** = Standard-shape part set for plain seaming operations

**▲** = Air filter/regulator required for pneumatic mechanism

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## Specifications:

**Maximum speed:**

see table

**Effective balance-wheel**

**dia.:** 65 mm

**Motor power:** 0.550 kW

**Models:**

see table

**Max. stitch length:**

see table

**Needle system:**

see table

**Fabric clearance:**

7.0 mm

**Clear workspace:**

260 x 130 mm

**Bedplate dimensions:**

476 x 177 mm

**Net weight (head):**

approx. 39 kg

**Net weight (sewing head in**

**carton):** approx. 47 kg

**Carton dimensions:**

70 x 30 x 54 cm

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

Hotlines:

Technical service: +49-175/2243-101

Application consultancy: +49-175/2243-102

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



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