

PFAFF®
Industrial



570/590



570/590

Philosophy



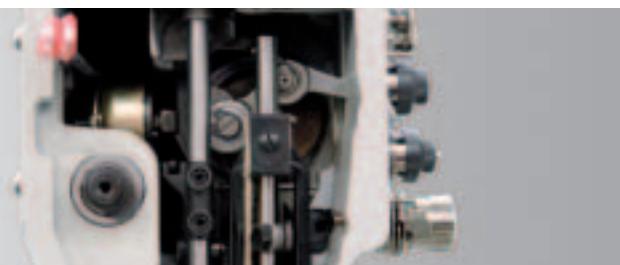
The PFAFF brand **single and double-needle post bed machines** are the most-used equipment in the shoe industry. PFAFF has succeeded in achieving a true upgrade of this legendary machine generation with the new series 571 / 574 / 591.

The modern case in the new PFAFF product lead design, the sturdy thread trimmer as well as the automatic hook lubrication are the distinguishing features of this new product range. The machines are equipped with integrated, energy-saving "PicoDrive" drives.

This range is mostly used for nearly all top-stitching work with single or two needles in the shoe production. Ornamental and assembly seams on classic and sport shoes can be sewn easily and in a top seam quality. The whole range of light to medium-heavy materials is covered here. The machines guarantee maximum performance and quality at an extremely attractive price – reason enough for many well-known manufacturers to use PFAFF post bed machines for their production.

Features

- New high-class design of this classic PFAFF machine for the shoe industry
- No compressed air required
 - 900/83: automatic thread trimmer
 - 910/17: automatic roller presser lift (with mechanical intermediate lift)
 - 911/37: automatic backtacking device
- Pico-Drive: New concept of integrated drives (Versions: from thread trimmer)
 - energy-saving and environmentally-friendly
 - 30% higher torque compared to usual drives
- Optimised kinematics with new part sets guarantee top sewing results
- Easily adjustable thread trimmer for short thread ends (up to 15/3 syn.)
- Overload clutch for hook protection
- Easily and accurately adjustable needle guard
- A multi-function switch with pre-programmed functions is integrated in the sewing head
 - reverse sewing / intermediate tacking
 - selection of pre-set speed

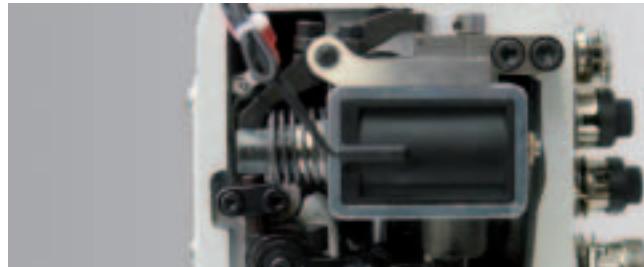


Sewing kinematics with increased needle bar stroke
enables the processing of highly-flexible threads in sizes 80/3 - 15/3 syn.



Inspection glass in hook compartment cover for controlling the amount of thread on the bobbin
Needle gauge alterations in the range from 2.0 to 2.4 are possible by simple adjusting the needle holder (e.g. PFAFF 574, C-version)
Easily exchangeable needle plate inserts (from -900/..)

Electromagnetic control unit for releasing the roller presser feed direction



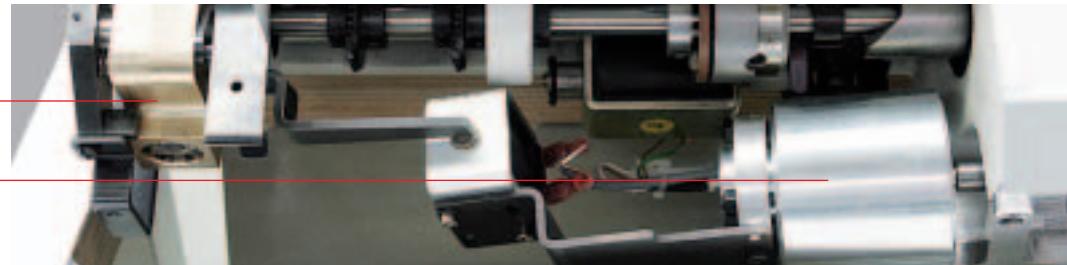
Control concept

- Functions are controlled easily on the one-line display
- Possibility of creating 5 sewing programs each with 9 seam segments with up to 250 stitches.



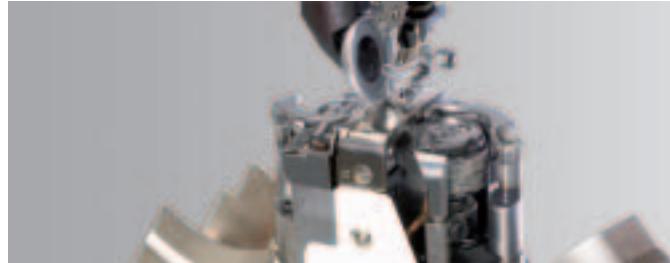
Electromagnetic control unit

- for switching over the feed wheel unit
- for the presser foot lift



Driven roller presser with presser foot and integrated edge guide (PFAFF 574)

- can be set to side of needle
- with spring bearings

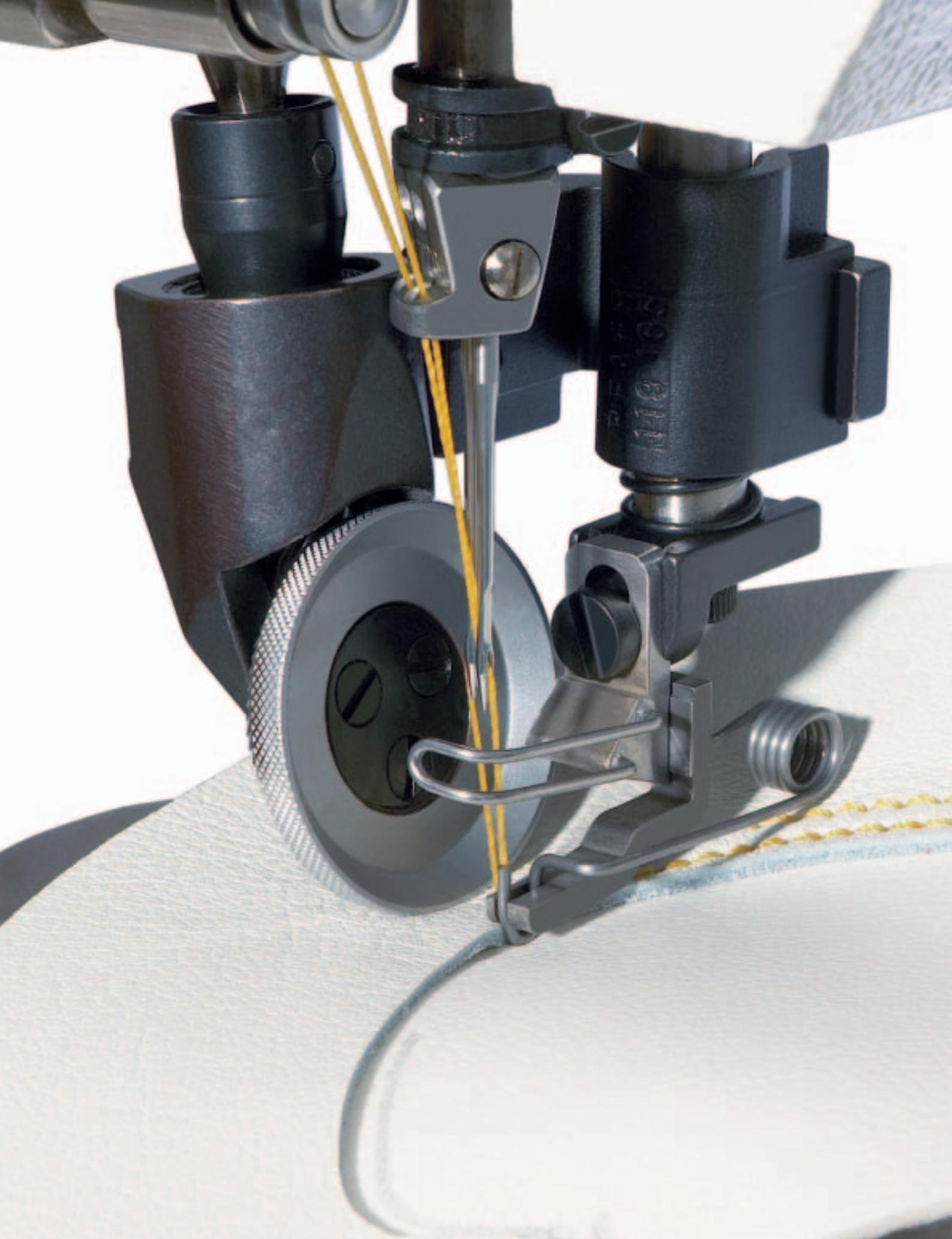


Easily adjustable thread trimmer with reinforced catcher and knife system for short thread ends (up to 15/3 syn.)

Cutting pressure of the knife

can be adjusted easily and accurately (thread trimmer -900/83)





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Subclass and additional equipment (571, 574, 591)

-725/04

Edge trimming mechanism, bottom driven

-900/83

Powerful and reliable thread trimmer (electromagnet control) for thread sizes up to 15/3 syn.

-910/17

Electromagnetically controlled presser foot lift with additional knee lever for intermediate roller presser lift; no compressed air required

-911/37

Electromagnetically controlled backtacking device with additional hand switch on sewing head for intermediate tacking

-940/02

Dome-shaped needle plate for PFAFF 571 and PFAFF 591

- Standard on machines without a thread trimmer
- On machines with a thread trimmer, the thread trimming block must be removed. (Loosen only two Allen screws.)

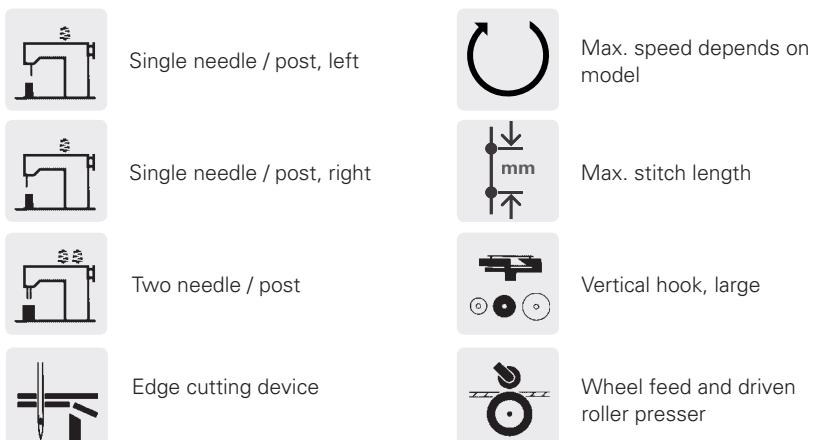


Technical data + Specifications

Typ	Model								
571	B	●			1.2 mm*	3,000	4.5	●	●
591	B		●		1.2 mm*	3,000	4.5	●	●
591	C		●			2,000	7.0	●	●
574	B			●		3,000	3.6	●	●
574	C			●		2,000	3.6	●	○

* more on request

** up to 4,5 mm stitch length



		 - System	 - Nm						Balance wheel effective Ø
○	○	134	90 - 110	80/3 - 40/3	-	260 x 290 mm	10 mm (Knee: 7 mm)	30 mm (Optional: 25 mm)	65 mm
○	○	134	90 - 110	80/3 - 40/3	-	260 x 290 mm	10 mm (Knee: 7 mm)	30 mm (Optional: 25 mm / 35 mm)	65 mm
○	○	134	90 - 150	80/3 - 15/3	-	260 x 290 mm	10 mm (Knee: 7 mm)	30 mm (Optional: 25 mm / 35 mm)	65 mm
○	○	134	90 - 110	80/3 - 40/3	1.6 - 2.0 2.0 - 2.4 (DIA 3.2)	260 x 290 mm	10 mm (Knee: 7 mm)	30 mm (Optional: 25 mm / 35 mm)	65 mm
○	○	134	90 - 150	80/3 - 15/3	2.0 - 2.4 (DIA 2.8)	260 x 290 mm	10 mm (Knee: 7 mm)	30 mm (Optional: 25 mm / 35 mm)	65 mm

- Standard
- Optional

	Automatic presser foot lift		Needle system		Arm clearance in mm
	Backtacking system		Recommended needle size in Nm		Clearance space during lift
	Thread trimmer		Thread size (metrical number in Nm)		Roller presser diameter
	Needle gauge				



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