

Excellence in seaming



Modern post-bed
high-speed machine series

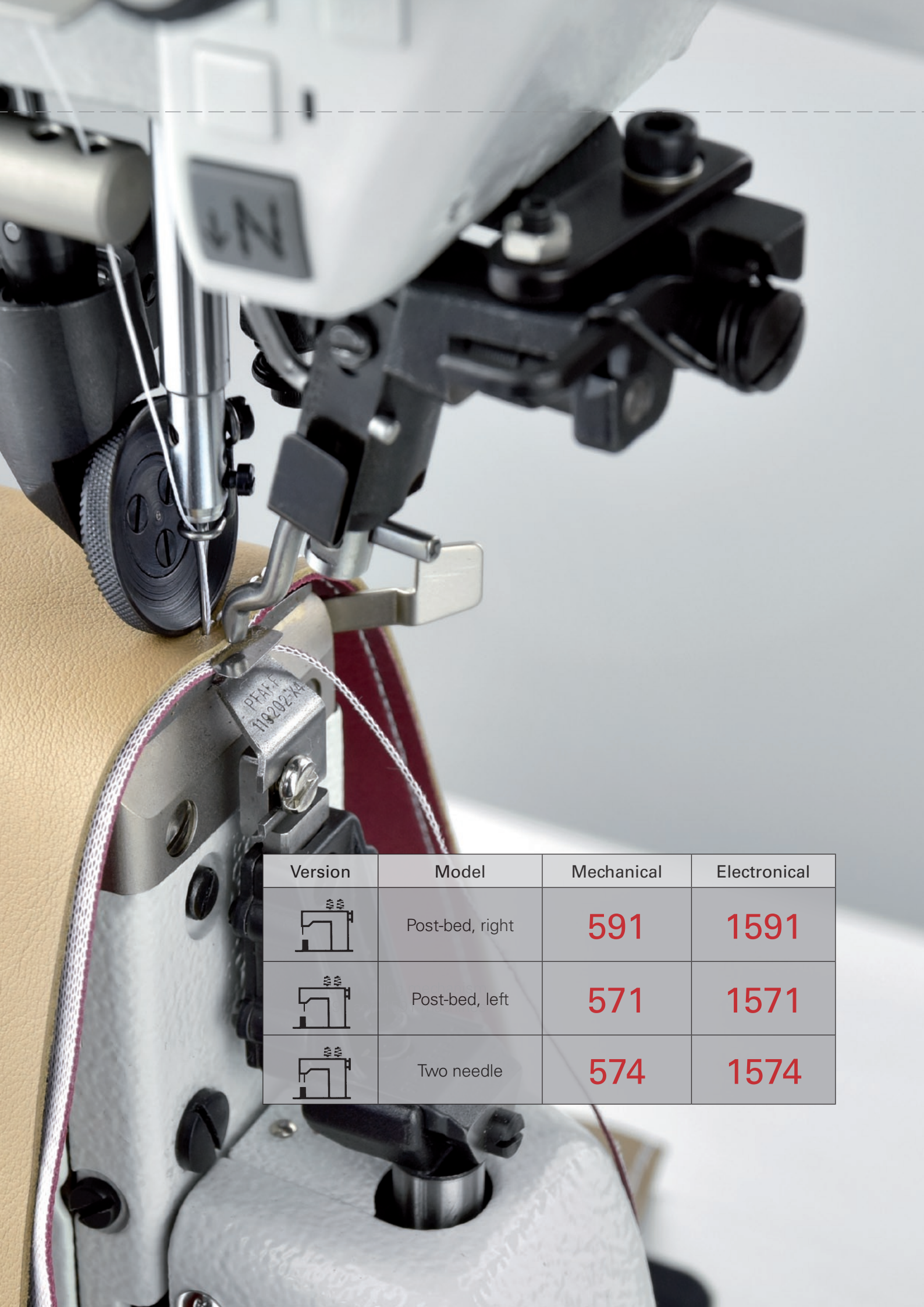
PFAFF 1591




570/590 1570/1590



Single and double-needle post bed machines with the PFAFF INDUSTRIAL brand 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 and 1571 / 1574 / 1591. The modern and new designed 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 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.



Version	Model	Mechanical	Electronical
	Post-bed, right	591	1591
	Post-bed, left	571	1571
	Two needle	574	1574

570/590 1570/1590

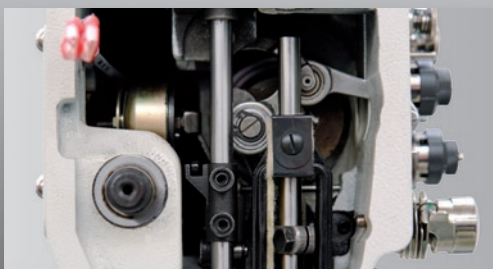
Features:

- Top-quality for all assembly and decorative seams
- Simple adjustment of seam programmes and seam distances via control panel
- „Stitch in stitch“ backtacking – no perforation of material
- Easily adjustable thread trimmer for short thread ends (up to 15/3 syn.)
- A multi-function switch with pre-programmed functions is integrated in the sewing head
 - Reverse sewing / intermediate tacking
 - Backtack inversion
 - Needle up, without trimming
- Take-up lever stroke is changable from 62 mm to 66 mm
- The LED light, which is built into the sewing head, creates optimum illumination of the sewing area
- No compressed air required
- Driven roller presser with presser foot and integrated edge guide - can be set to side of needle (574/1574)
- Needle gauge alterations in the range from 1.6 - 2.0 or 2.2 - 2.4 mm are possible by simply adjusting the needle holder (574/1574)
- Downholder with edge guide (Option: 574/1574)
- Subclass -725/04: Edge trimming mechanism, bottom driven (Option)

Additional features of the 1571 / 1574 / 1591:

- Step motor drive - no tolerance of the stitch lengths at different speeds
- Needle feed in addition to wheel feed and roller presser (completely step motor driven)
- Stitch length of roller presser and wheel feed can be adjusted separately in the operating panel
- Max. stitch length of roller presser and wheel feed can be adjusted up to 7mm
- Programmable extra width of roller presser or wheel feed up to 7mm
- ½ stitch length for corner stitch, target stitch or programmable stitch
- Programme creation of decorative seams, double stitch or programmes
- Storage and transmission of the programmes created via USB, SD card or multi-card reader to other machines
- NEW and WORLD's FIRST: Regulated and programmable thread tension (Option on 1571/1591)

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

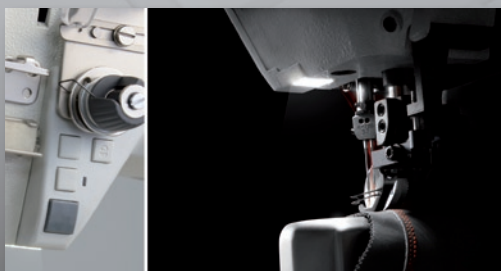


New: Touch panel P1 on machines 1571, 1574 and 1591: Easier programming (also with teach-in-method), graphical display of all areas with extra fullness. (Option)





Hot key (forward/reverse) and 3 further keys for the most important adjustment possibilities in the reaching area of the operators hands. Integrated LED-Light



NEW: Easily adjustable thread trimmer (-900/81) with reinforced catcher and knife system for short thread ends (up to 15/3 syn.)



570/590

1570/1590

Subclasses + Additional attachments:

-725/04	Edge trimming mechanism, bottom driven
-900/81	Powerful and reliable thread trimmer (electromagnetically controlled) 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
-911/50	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 <ul style="list-style-type: none"> • Standard on machines without a thread trimmer • On machines with a thread trimmer, the thread trimming block must be removed. (post cover and stitch plate must be removed)

The machines 571, 574, 591 are equipped with P40 CD drive technology

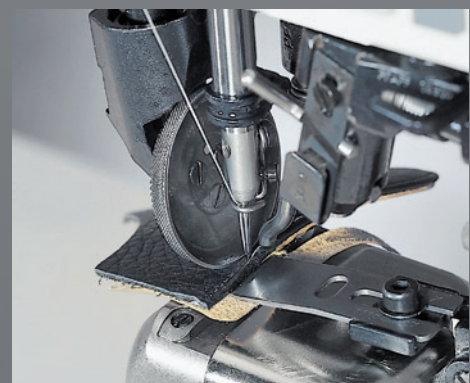


Examples:

PFAFF 591/ 1591



PFAFF 591/ 1591
with edge trimming mechanism

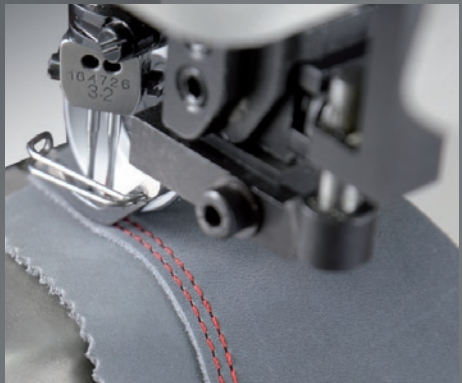




PFAFF 571/ 1571
with edge trimming mechanism



PFAFF 574/ 1574



570/590

1570/1590



Versions:

Types	Model												
571	B	●			○	3,000	5.0	●	●	○	○	○	-
571	C	●			○	2,000	5.0	●	●	○	○	○	-
591	B		●		○	3,000	5.0	●	●	○	○	○	-
591	C		●		○	2,000	7.0	●	●	○	○	○	-
574	B			●	○	3,000	3.6	●	●	○	○	○	1.6 - 2.0 2.2 - 2.4 (DIA 3,2)
574	C			●	○	2,000	3.6	●	●	○	○	○	1.8 - 2.0 2.2 - 2.4 (DIA 2,8)

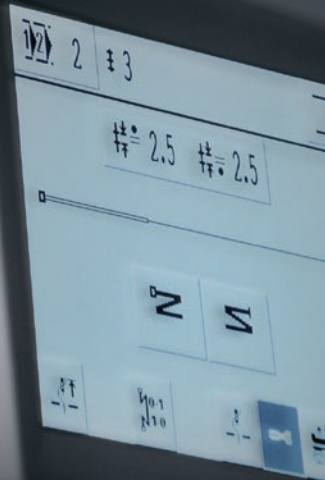
Types	Model												
1571	B	●			○	3,000	7.0	●	●	●	●	●	-
1571	C	●			○	2,000	7.0	●	●	●	●	●	-
1591	B		●		○	3,000	7.0	●	●	●	●	●	-
1591	C		●		○	2,000	7.0	●	●	●	●	●	-
1574	B			●	○	3,000	7.0	●	●	●	●	●	1.6 - 2.0 2.0 - 2.4 (DIA 3,2)
1574	C			●	○	2,000	7.0	●	●	●	●	●	1.8 - 2.0 2.2 - 2.4 (DIA 2,8)

● Standard
○ Option



Yesterday and today

PFAFF is synonymous with reliable
and powerful shoe machines.





The right roller presser for any application – suitable for all machines of the model range:

	25 mm Ø	30 mm Ø	35 mm Ø
 Cross toothed „RZ“ (standard)	91-363 048-93/001 (RF 25 RZ)*	91-363 050-93/001 (RF 30 RZ)*	91-363 052-93/001 (RF 35 RZ)*
 Rubber coated „B“ (option)	91-363 048-93/002 (RF 25 B)*	91-363 050-93/002 (RF 30 B)*	91-363 052-93/002 (RF 35 B)*
 Straight toothed „GZ“ (option)	91-363 048-93/003 (RF 25 GZ)*	91-363 050-93/003 (RF 30 GZ)*	91-363 052-93/003 (RF 35 GZ)*

*Example: **RF 25 RZ**

- Kind of surface
- Diameter (Ø)
- Roller presser



PFAFF - The shoe machine maker

Specifications:

Stitch type:

301 (lockstitch)

Clearance under roller presser:

12 mm

Diameter of roller presser:

Standard: 30 mm

Optional: 25 mm + 35 mm

Balance wheel effective Ø:

65 mm

Needle system:

571/1571: 134

591/1591: 134

574/1574: 134-35

Needle size:

80 - 140 Nm (depends on version)

Thread size:

80/3 - 15/3 syn (depends on version)

Power supply:

230 Volt, 50-60 Hz

Power consumption:

0.55 KW

**PFAFF Industriesysteme und Maschinen GmbH**

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

Telefon: +49-6301/3205-0

Telefax: +49-6301/3205-3171

E-mail: info@pfaff-industrial.com