

**PFAFF**<sup>®</sup> Industrial

Excellence in seaming

Modern post-bed  
high-speed machine series

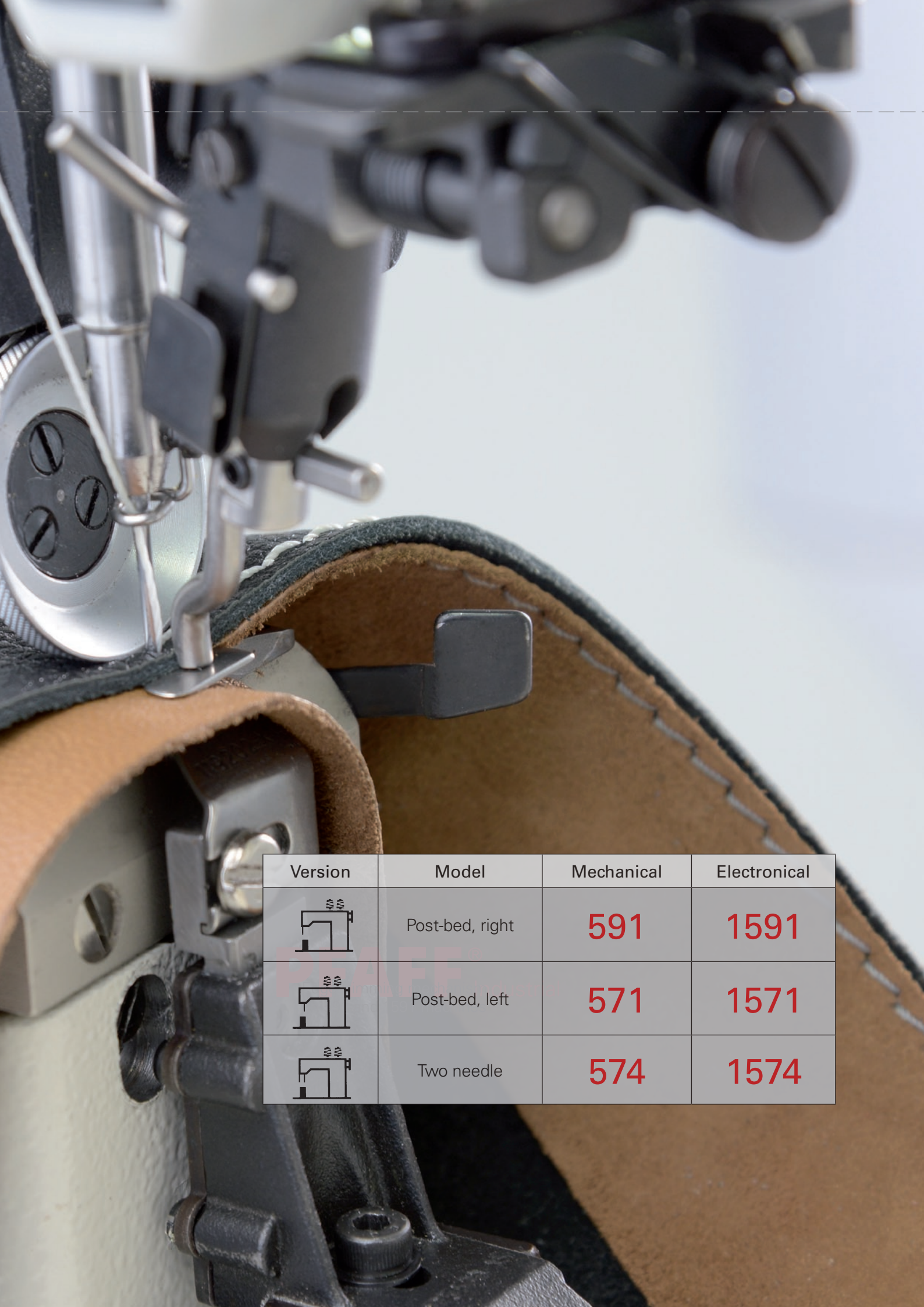





# 570/590 1570/1590

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	<b>591</b>	<b>1591</b>
	Post-bed, left	<b>571</b>	<b>1571</b>
	Two needle	<b>574</b>	<b>1574</b>

# 570/590

# 1570/1590

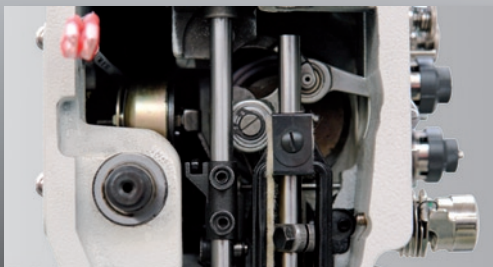
## Features:

- New high-class design of this classic PFAFF machine for the shoe industry
- Top-quality for all assembly and decorative seams
- Simple adjustment of seam programmes und 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.)
- Overload clutch for hook protection
- A multi-function switch with pre-programmed functions is integrated in the sewing head
  - Reverse sewing / intermediate tacking
  - Backtack inversion
  - Needle up, without trimming
- 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 (two-needle version)
- Needle gauge alterations in the range from 1.6 - 2.0 or 2.0 - 2.4 mm are possible by simply adjusting the needle holder (two-needle version)
- Subclass -725/04: Edge trimming mechanism, bottom driven

## Additional features of the 1571 / 1574 / 1591:

- Guaranteed and process secured „stitch in stitch“ backtacking – no perforation of material
- Exact accurate stitch length can be reproduced at any time
- Stitch length setting are identical from machine to machine
- Seam length programming with different stitch lengths + programming of bartack stitches via control panel
- Active differential feed (can be called anytime during sewing)

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. Easy to change needle plate inserts (from -900/..)







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.



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



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## Subclasses + Additional attachments:

<b>-725/04</b>	Edge trimming mechanism, bottom driven
<b>-900/83</b>	Powerful and reliable thread trimmer (electromagnetically controlled) for thread sizes up to 15/3 syn.
<b>-910/17</b>	Electromagnetically controlled presser foot lift with additional knee lever for intermediate roller presser lift; no compressed air required
<b>-911/50</b>	Electromagnetically controlled backtacking device with additional hand switch on sewing head for intermediate tacking
<b>-940/02</b>	Dome-shaped needle plate for PFAFF 571 and PFAFF 591 <ul style="list-style-type: none"><li>• Standard on machines without a thread trimmer</li><li>• On machines with a thread trimmer, the thread trimming block must be removed. (post cover and stitch plate must be removed)</li></ul>

### New:

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

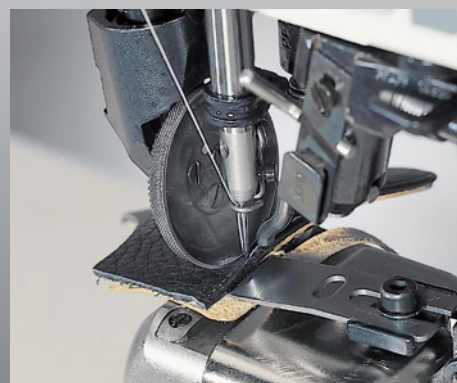


## Examples:

PFAFF 591/ 1591



PFAFF 591/ 1591  
with edge trimmer







PFAFF 571/ 1571  
with edge trimmer



PFAFF 574/ 1574





Versions:

Type	Model												
<b>571</b>	B	●			○ 1.2 mm*	3,000	5.0	●	●	○	○	○	-
<b>571</b>	C	●			○ 1.2 mm*	3,000	5.0	●	●	○	○	○	-
<b>591</b>	B		●		○ 1.2 mm*	3,000	5.0	●	●	○	○	○	-
<b>591</b>	C		●		○ 1.5 mm*	2,000	7.0	●	●	○	○	○	-
<b>574</b>	B			●		3,000	3.6	●	●	○	○	○	1.6 - 2.0 2.0 - 2.4 (DIA 3.2)
<b>574</b>	C			●		2,000	3.6	●	●	○	○	○	1.8 - 2.0 2.2 - 2.4 (DIA 2,8)

Type	Model												
<b>1571</b>	B	●			○ 1.2 mm*	3,000	7.0	●	●	●	●	●	-
<b>1571</b>	C	●			○ 1.5 mm*	2,000	7.0	●	●	●	●	●	-
<b>1591</b>	B		●		○ 1.2 mm*	3,000	7.0	●	●	●	●	●	-
<b>1591</b>	C		●		○ 1.5 mm*	2,000	7.0	●	●	●	●	●	-
<b>1574</b>	B			●		3,000	5.0	●	●	●	●	●	1.6 - 2.0 2.0 - 2.4 (DIA 3.2)
<b>1574</b>	C			●		2,000	5.0	●	●	●	●	●	1.8 - 2.0 2.2 - 2.4 (DIA 2.8)

\* further on request

● standard equipment  
○ option



PFAFF

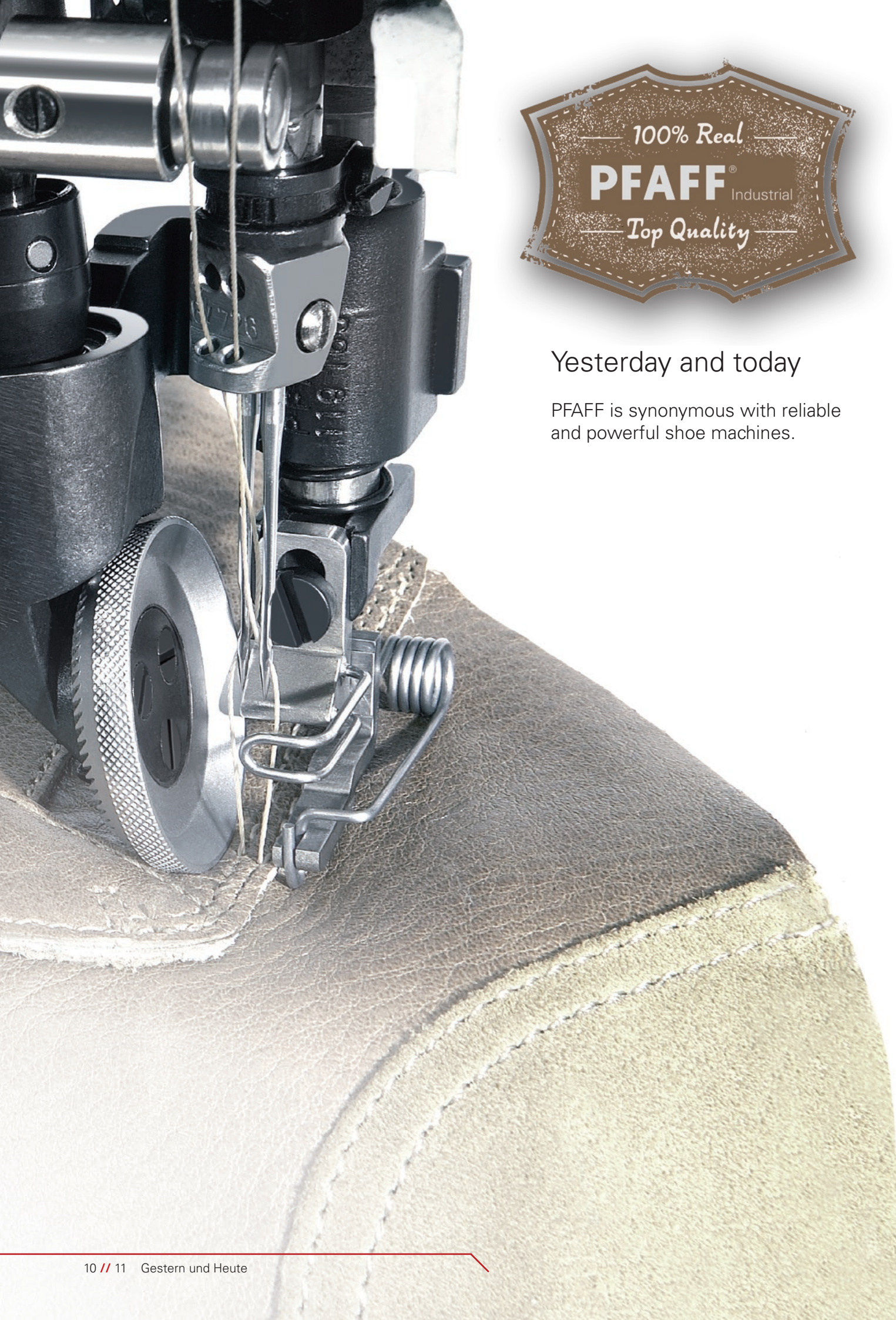


**NEW:**  
Hand wheel within easy reach of the operator



PFAFF 1574





## Yesterday and today

PFAFF is synonymous with reliable and powerful shoe machines.





**PFAFF** - The shoe machine maker

## Specifications:

**Stitch type:**

301 (lockstitch)

**Clearance under roller presser:**

7 mm

**Diameter of roller presser:**

Standard: 30 mm

Optional: 25 mm (only on 570/590 machines)

**Balance wheel effective Ø:**

65 mm

**Needle system:**

134 (DBx1)

**Needle size:**

90 - 150 Nm (depends on version)

**Thread size:**

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

**Power supply:**

230 Volt, 50-60 Hz

**Power consumption:**

0.4 KW

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