

INSIDE

RFID
TECHNOLOGY

PFAFF[®] Industrial

3590 *vario*


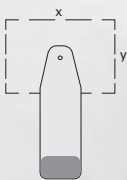
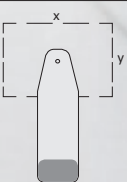
Programmable
large area computer stitcher



by PFAFF
Made
in Germany

Features:

- Special automatic sewing head suitable for threads from 80/3 to 11/3 with raisable arm (90 mm clearance)
- Vibrating presser with programmable height control (floating presser foot on request)
- Excellent multi-direction sewing properties due to vertical hook system
- Accurate seam quality due to the intermittent feed (feed stop when needle enters material), shifting of the material in the work clamp is avoided and wear on the hook is reduced.
- Work clamp identification and matching seam program via RFID (Radio Frequency IDentification)
- The RFID recognition realizes an automatic start of sewing after fixing the clamp (less idle time = higher output)
- New touch-control-panel P1 with integrated SD card reader. The P1 guarantees an intuitive operation
- Sewing programs + software changes can be entered via SD card
- In combination with the programming system „PSP“ the Class 3590 is the last link in a data-aided upper stitching program. Existing CAD data sets can be used with „PSP“ to create sewing and cutting programs.
- The simplicity of the work clamps design enables the technician to manufacture the inserts on site.

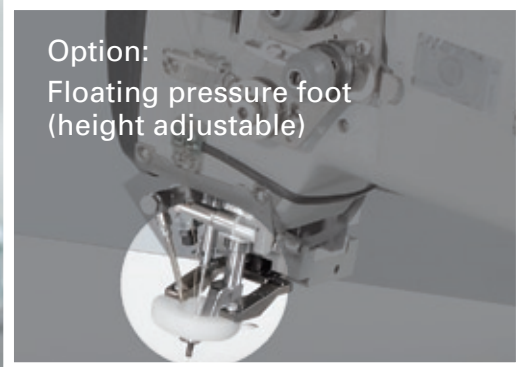
Version	Subclass	Sewing area (x - y)	Position: sewing area / sewing head
3590	-1/3030	300 x 300 mm	
	-2/5030	500 x 300 mm	
	-5/5040	500 x 400 mm	
	-50/12060 *	1200 x 600 mm	Portal version

* on request

** raisable arm



PFAFF



Option:
Floating pressure foot
(height adjustable)

Areas of application

Shoe production:

Classical shoe models and especially leisure shoes, cowboy boots, sports shoes, work and military boots

Accessories for the motor industry:

Airbags, belts, upholstery and linings

Leather and plastic articles:

Belts, document envelopes, bags etc.

Technical textiles:

Protective clothing, visors, awnings, filters

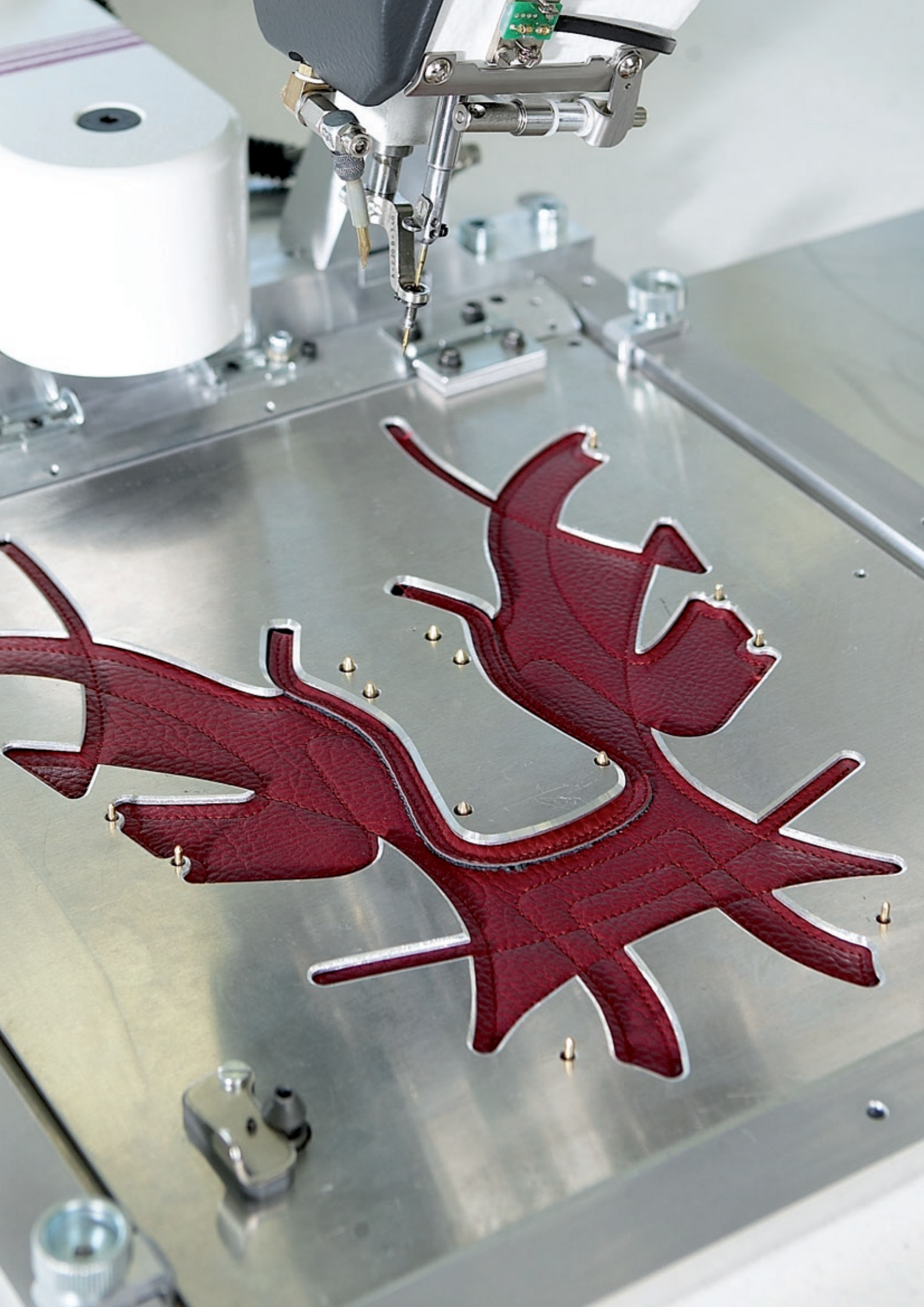
Equipment

- PFAFF special automatic sewing head with vertical hook system and raisable arm
- Touch-control-panel P1 with integrated SD card reader. Writing sewing programs and seam corrections on the machine
- Clamp monitoring via RFID (Radio Frequency IDentification)
- Storage capacity for up to 10.000 sewing programs or a total of 5.000.000 stitches
- Automatic selection of program numbers
- Bobbin thread monitoring via stitch counter
- 1 clamp frame to take shape depending templates
- Open frame for test seams

Options

- Sewing templates on customers request
- Programming system PSP (PFAFF Stitch Program)
- For perfect decorative stitching we employ a software controlled needle bar turning device and a mechanical bobbin thread slide to counter the multidirectional sewing effects
- Floating pressure foot (height adjustable)
- 1 set of rollers for transportation (4 pieces)
- Foot switch
- Bobbin thread monitoring via sensor
- High-adjustable machine stand
- Adapter for NON PFAFF clamps





Seam programming and data transfer via PSP (PFAFF STITCH PROGRAM)

What is PSP ?

PSP is a program for creating seam patterns

What is PSP capable of ?

- Free programming of individual seam types with the use of graphic elements, such as: Straight line, curve, circle, ellipse, rectangle, square
- Entering specific commands for a machine
- Using background graphics (bitmaps) as a model for programming specific seam patterns
- Additional tools for defining the exact seam pattern are the zoom function and a variable superimposition of raster patterns
- Import and export of DXF files

Requirements for PSP ?

- PSP can run on every PC or laptop (Windows XP and higher) with the possibility of transferring data via SD-card, SD slot or USB/SD adapter
-

Adopting NON PFAFF data with SPC (STITCH PROGRAM CONVERTER)

What is SPC ?

- SPC is a special conversion program developed by PFAFF

What is SPC capable of ?

- SPC can convert NON PFAFF (competitors) data to a PFAFF compatible data format

Requirements for SPC ?

- SPC can run on every PC or laptop (Windows XP and higher) with the possibility of transferring data via SD-card, SD slot or USB/SD adapter



Technical data:

Stitch type:

301 (lockstitch)

Max. sewing speed:

3,000 stitches/min.

Max. stitch length:

6.3 mm

Needle system:

134-35 KK

Needle size:

80 - 160

Mains voltage:

A/C 230 V, 50/60 Hz

Compressed air pressure:

6 bar

Power consumption:

1.7 KW

Air consumption:

approx. 15 l/cycle

Package size:

Length: 160 cm

Breadth: 160 cm

Height: 156 cm

Weight:

gross: 549 kg

net: 329 kg

Hotline:

Technical service: +49-175/2243-101



Europäische Union

Wachstum durch Innovation – EFRE

**PFAFF Industriesysteme
und Maschinen AG**

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

Telefon: +49-6301/3205-0

Telefax: +49-6301/3205-1386

E-mail: info@pfaff-industrial.com

Gedruckt in der BRD
dtisch.
296-12-19116/002 01/11