

# PFAFF

fine sewing

## 910/930 Series



# 910/930 Series

... the new zigzag series – from silk to leather

## Features:

- High flexibility for many different operations on light to medium materials
- High seam quality - thanks to low thread tension values
- Quiet low-vibration operation even at top speed
- Very good feed properties with a very low sewing foot pressure result in optimum, smooth seams
- New fresh oil hook lubrication with precision adjustment - no soiled materials
- Minimum material displacement due to the optimum needle bar cinematics (straight needle entry).
- Simple, intuitive operation - The machines are equipped with the new control panels S1 und S2.
- 918-U, 938-U and 939-U: Machines with mechanical switchover from single to 3-stitch zigzag.

## PFAFF 938 with SRP (= speed responsive presser foot pressure)

- Highly efficient feed system (SRP) during sewing, even at high speeds there is no displacement of the workpiece.
- Very low thread tension required for a constant, superior seam = no tension puckering
- Almost no displacement of workpieces (no feed puckering)
- Optimum, high-powered feed system and good stitch formation when sewing over folds, bulky areas and multi-layered seams.

	918	918U*	937	938	938U*	939U*
Drop feed	●	●	●	●	●	
Variable top feed			●			
Differential bottomfeed						●
Large Hook	●	●				
SRP device					○	
Underedge trimmer (-771/04)				○		
Thread trimmer (-900/24)	○	○	○	○	○	○
Foot lift (-910/04)	○	○	○	○	○	○
Automatic backtacking system (-911/35)	○	○	○	○	○	○

● standard

○ option

\* Machines with P40-ED or P50-ED motors:  
With positioning switch for quick and simple change from single zigzag to 3-stitch zigzag

## PFAFF 918

High-speed zigzag seamers with drop feed and large hook

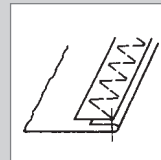
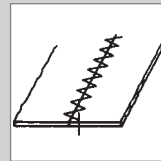
### Subclasses:

-6/01: For plain seaming operations

-49/01: Zigzag operations in the leather- and shoe industry

-716/06-82/15: The edge is folded, the elastic fed and the pieces joined with 3-step zigzag in one operation.

- Foot guide
- Folder on retractable bracket
- Motor driven tape feeder
- Programmable, reproducible gathering amounts
- Continuously controlled tape tension
- Sensor-controlled tape tension



## PFAFF 937

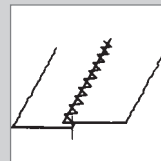
High-speed zigzag seamers with drop feed and variable top feed

### Subclasses:

-6/61: For plain seaming operations - With push-type vibrating presser

-32/23: Sew undercollar to neck opening

- Variable top feed for shift-free joining of parts
- Accurate application of fullness at the undercollar in the shoulder area



## PFAFF 938

High-speed zigzag seamers with drop feed

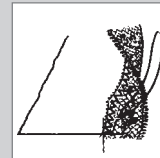
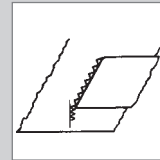
### Subclasses:

6/01: For plain seaming operations

R-34/01\* For sewing light materials

-358/01-918/18 Tacking down jacket breast pockets

-771/04-6/27 Attaching straight and curved lace, simultaneously under-cutting the fabric edge at the same time with a separately driven under-trimmer



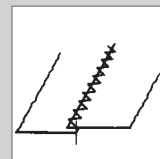
## PFAFF 939

High-speed zigzag seamers with differential bottom feed

### Subclasses:

-6/01: For plain seaming operations

-32/23: Sew undercollar (overlapped) to topcollar



Class	Model	Stitch length code	Subclasses	Stitch width in mm	Maximum stitch length in mm	Trimming margin in mm	Max. sewing speed in s.p.m.*	Max. stitch in s.p.m.* by U-Versions	Max. stitch in s.p.m.* by SRP-Versions	Needlesystem
<b>918</b>	<b>B</b>		-6/01; -49/01	10.0	4.5		5000	4500	-	438
		<b>N2.5</b>	-716/06-82/15	8.0	2.5		5000	4500	-	438
<b>937</b>	<b>B</b>		-6/61	6.0	4.5		5000	-	-	438
		<b>N24</b>	-32/23	6.0	●		5000	-	-	438
<b>938</b>	<b>A</b>	<b>N2.5</b>	R-34/01**	4.5	2.5		6000	-	-	438
			-771/01(04)-6/27	3.0	2.5	1.5	5500	4500	4500	438KK
	<b>B</b>	<b>N2.5</b>	-6/01	6.0	2.5		5500	4500	4500	438
	<b>B</b>		-358/01-918/18	2.0	4.5		2400	1400	1700	134EL
<b>939</b>	<b>B</b>		-6/01	6.0	4.5		-	4500	-	438
		<b>N24</b>	-32/23	6.0	●		-	4500	-	438

\* Depending on material and operations

\*\* Round eccentric for stitch widths of up to 4.5 mm and speeds up to 6,000 s.p.m.

N2.5: Max. stitch length 2.5 mm

● N24: On PFAFF 939  
= 2.5 mm stroke of rear feed dog / on PFAFF 938: stroke  
= 4.5 mm stroke of front feed dog

On PFAFF 937  
= 2.5 mm stroke of feed dog  
= 4.5 mm stroke of top feed

## Extras:

### -900/24 thread trimmer

solenoid-controlled.

### -910/04 automatic foot lift

electro-pneumatically controlled.

### -911/35 backtacking system

mechanically or automatically  
(electro-pneumatically operated).

### -918/14 quick-adjust top feed stroke (on 937)

### -918/18 switch control

for switching from zigzag to straight stitch during  
reverse sewing (electro-pneumatically operated).  
Only available for 938-358/01-900/24-910/04-911/35.

### -925/03 air filter/regulator

for pneumatically controlled units.

# PFAFF

fine sewing

## Specifications:

### **Stitch type:**

301 (lockstitch)

304 (zigzag lockstitch)

### **on 918, 938, 939**

308 (3-stitch lockstitch seam)

### **Models:**

A and B

### **Effective balance wheel dia.:**

65 mm

### **Connection voltage:**

380 V, 50/60 Hz.

### **Power input:**

0.55 kW

### **Working air pressure:**

6 bar

### **Clear workspace:**

260 x 130 mm

### **Bedplate dimensions:**

476 x 177 mm

### **Net weight of sewing head:**

approx. 50 kg

### **Gross weight (sewing head in cardboard box with accessories):** approx. 60 kg.

### **Box dimensions (sewing head):**

82 x 30 x 72 cm

### Hotlines:

Technical service: +49-175/2243-101

Application consultancy: +49-175/2243-102

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

### **PFAFF Industrie Maschinen AG**

- Postfach 3020  
67653 Kaiserslautern
- Königstr. 154  
67655 Kaiserslautern

Telefon: +49-631/200-0

Telefax: +49-631/17202

Internet: [www.pfaff-industrial.com](http://www.pfaff-industrial.com)