

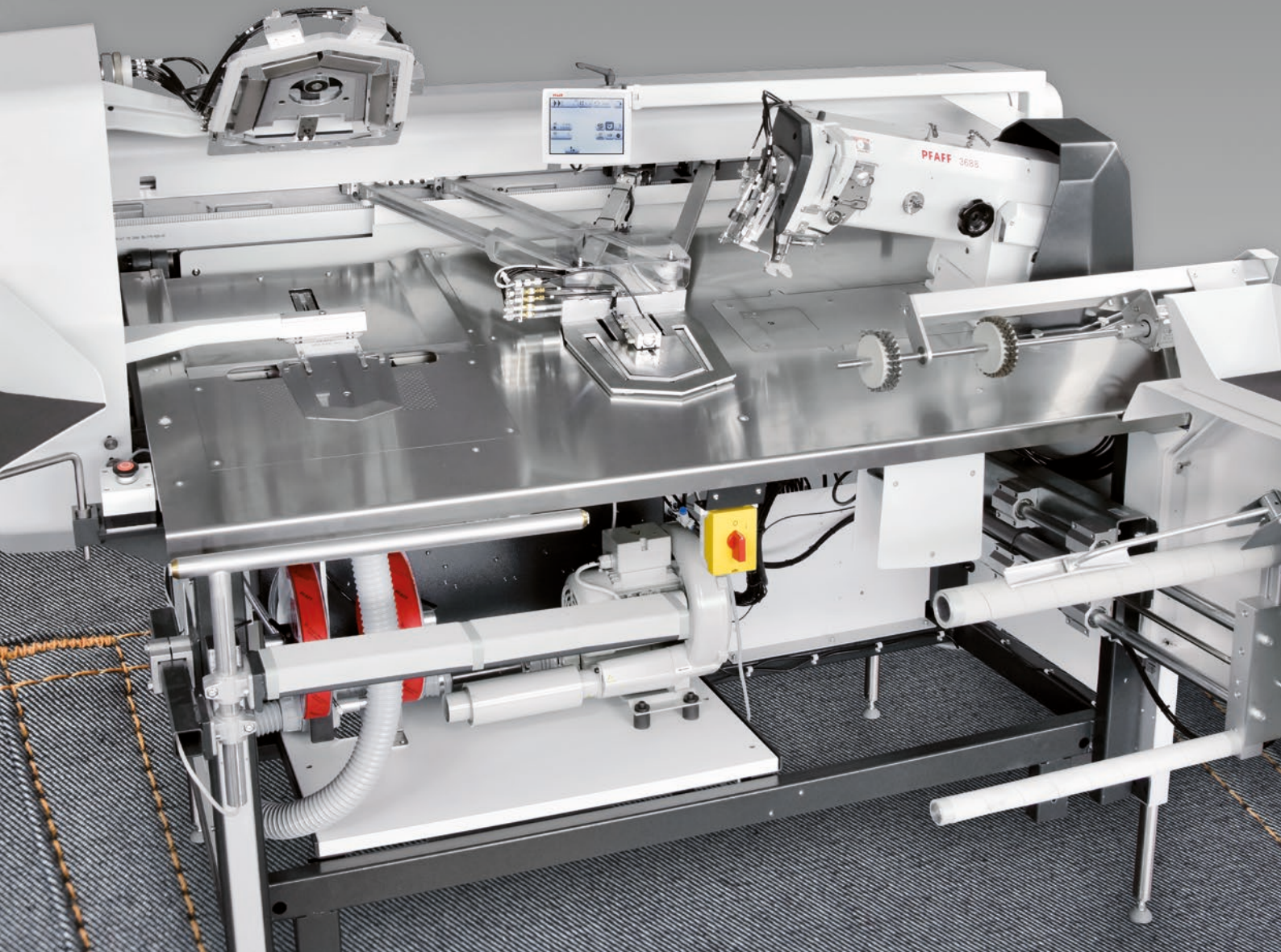
PFAFF  
JEANS PREMIUM RANGE  
MACHINES

**PFAFF**<sup>®</sup> Industrial

Excellence in seaming

**3688**

Programmable automatic  
pocket setter



# 3688 UPGRADE OF A LEGEND

Freely programmable automatic sewing unit for sewing pockets on jeans, shirts, blouses, workwear and similar articles. The new PFAFF 3688 features a simplified, intuitive operating concept plus electronically controlled thread tension, direct drive, carriage feed with servo drives, network connection (PFAFF CONNECT) and adjustable vacuum strength. The fullness function and the automatic bartack reinforcement, which enables high-quality processing of delicate stretch fabric and heavily stressed pockets, are other new features.

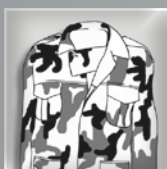


## 3688-111 and 3688-211

- For shirts, blouses and similar articles
- For attaching un-folded pockets
- Sewing areas: 3688-111: 250 x 250 mm  
3866-211: 280 x 280 mm

## 3688-121

- For shirts, blouses and light jeans fabrics
- With zigzag machine head
- Sewing area: 250 x 250 mm (280 x 280 mm on request)



## 3688-131 (-231)\* and 3688-132 (-232)\*\*

- For jeans, working wear and similar articles
- For processing pre-folded and un-folded pockets (in combination)
- Sewing of cotton and synthetic threads up to 11/3
- Sewing areas in mm: 3688-131: 250 x 250  
3688-132: 250 x 250  
3688-231: 280 x 280  
3688-232: 280 x 280



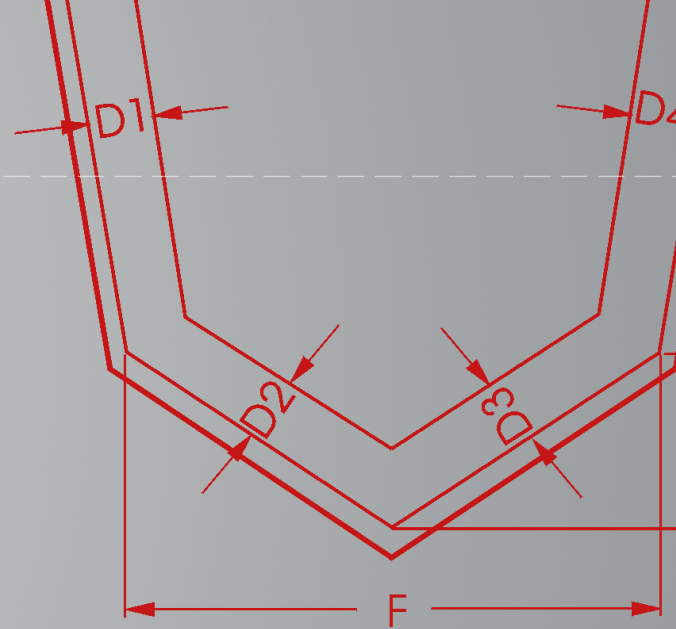
\* -131 and -231

Machine with radial fan (for vacuum generation)

\*\* -132 and -232

Machine with vacuum valve, necessary for the device "bartack reinforcement"

*„Best possible ergonomics,  
highest productivity and exceptional operating  
comfort characterizes this automated machine“*



### Features and advantages:

- The intermittent material feed reduces hook wear to a minimum and allows stitch lengths of 12 mm
- Individual seam programming and exact seam correction for different materials guarantee a highly sewing reliability and consistent quality
- Efficient combination of two operations with optional style kits to set pockets and attach flaps in one operation or insert labels
- Superior sewing results even if setting pockets with radii < 20 mm
- Individual designing and programming of decorative seams
- Rapid replacement of style kits: A fixed "zero point" makes it possible to use different style kits without time consuming re-adjustments
- Special PFAFF sewing head for automatic units with tilt sewing head
- High productivity, due to constant maximum sewing speed (4,000 s.p.m.) without speed reduction in corners or on bartacks
- Optional machine height adjustment
- Touch control panel P1 (with SD card reader) displays all machine parameters in easily understandable symbols
- NEW: Fullness function and automatic bartack reinforcement (for -132 and -232)
- NEW: Electronically-controlled thread tension
- NEW: Direct drive and infeed slide with servo drives
- NEW: PFAFF CONNECT Network connection (Details on request)
- NEW: Adjustable vacuum strength
- NEW: Basic kit "solenoid" - standard on all machines

**3688** UPGRADE OF A LEGEND

# SHIRT

**PFAFF 3688-111 and PFAFF 3688-211**

The shirt pocket setter for all occasions



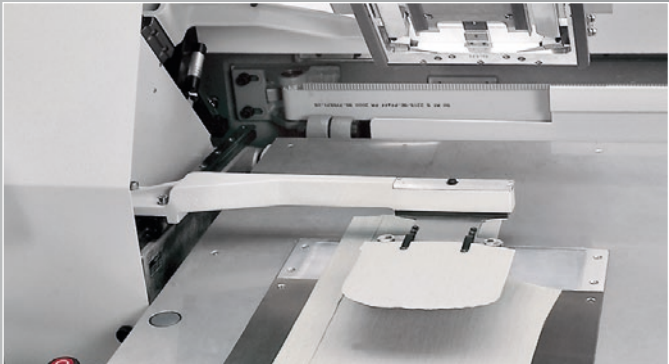
Output data:

Cycle time for one standard shirt pocket

8 sec. = effective output of 2,600 pockets / 8 hours  
(plain fabrics)

The classical solution for  
standard shirt pockets

**PFAFF 3688-111 or PFAFF 3688-211**  
with pocket style kit no. 95-300 250-70 with  
integrated folding station



### Special applications (Options)



Pocket with label and  
additional seam for pen slot



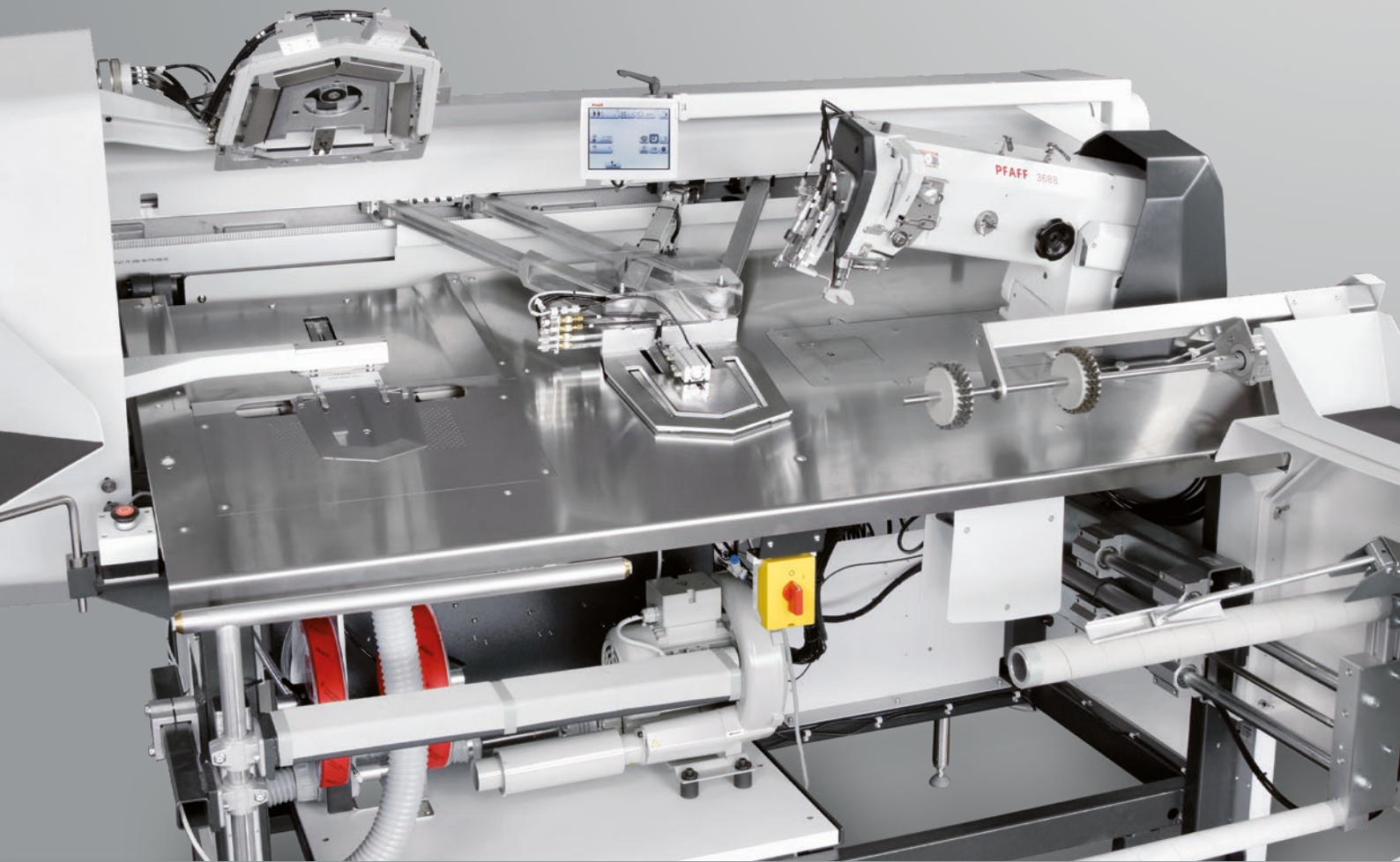
Dress shield on sweatshirt  
materials

**3688** UPGRADE OF A LEGEND

# JEANS

**PFAFF 3688-131 (-231) and PFAFF 3688-132 (-232)**

The Jeans pocket setter - The economical answer in every situation



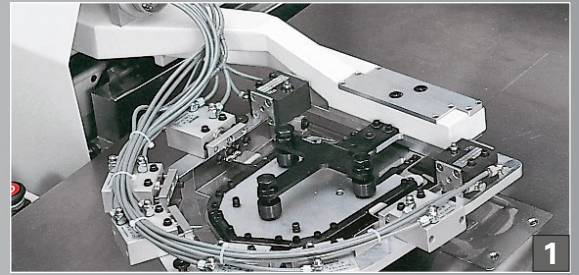
Output data:

Cycle time for one standard jeans pocket:

9 sec.= effective output of 2,400 pockets / 8 hours

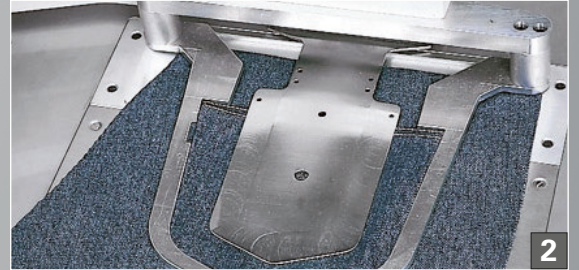
## The solution for standard jeans pockets

- 1 **PFAFF 3688** in combination with pocket style kit no. 95-300 250-70 with integrated folding unit



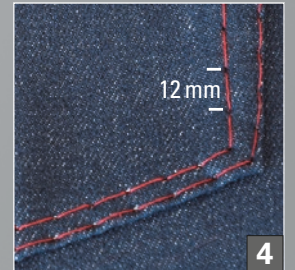
## The economic solution with pocket style kit for pre-folded pockets

- 2 **PFAFF 3688** in combination with pocket style kit for pre-folded pockets no. 95-300 308-70



## Special applications (Options)

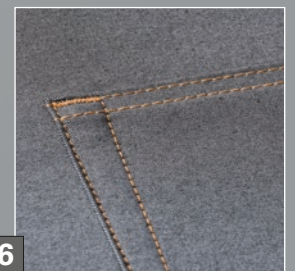
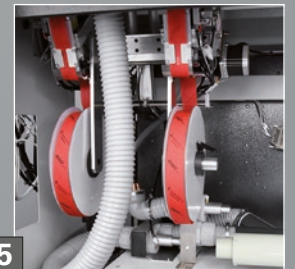
- 3 Pocket with label
- 4 Jeans pockets with 12 mm stitch length



## **NEW:** For delicate stretch fabrics and heavily stressed pockets

- 5 automatic bartack reinforcement
- 6 Fullness function for a perfect pocket opening

Orderable with the versions:  
**PFAFF 3688-132** and **PFAFF 3688-232** with vacuum valve)



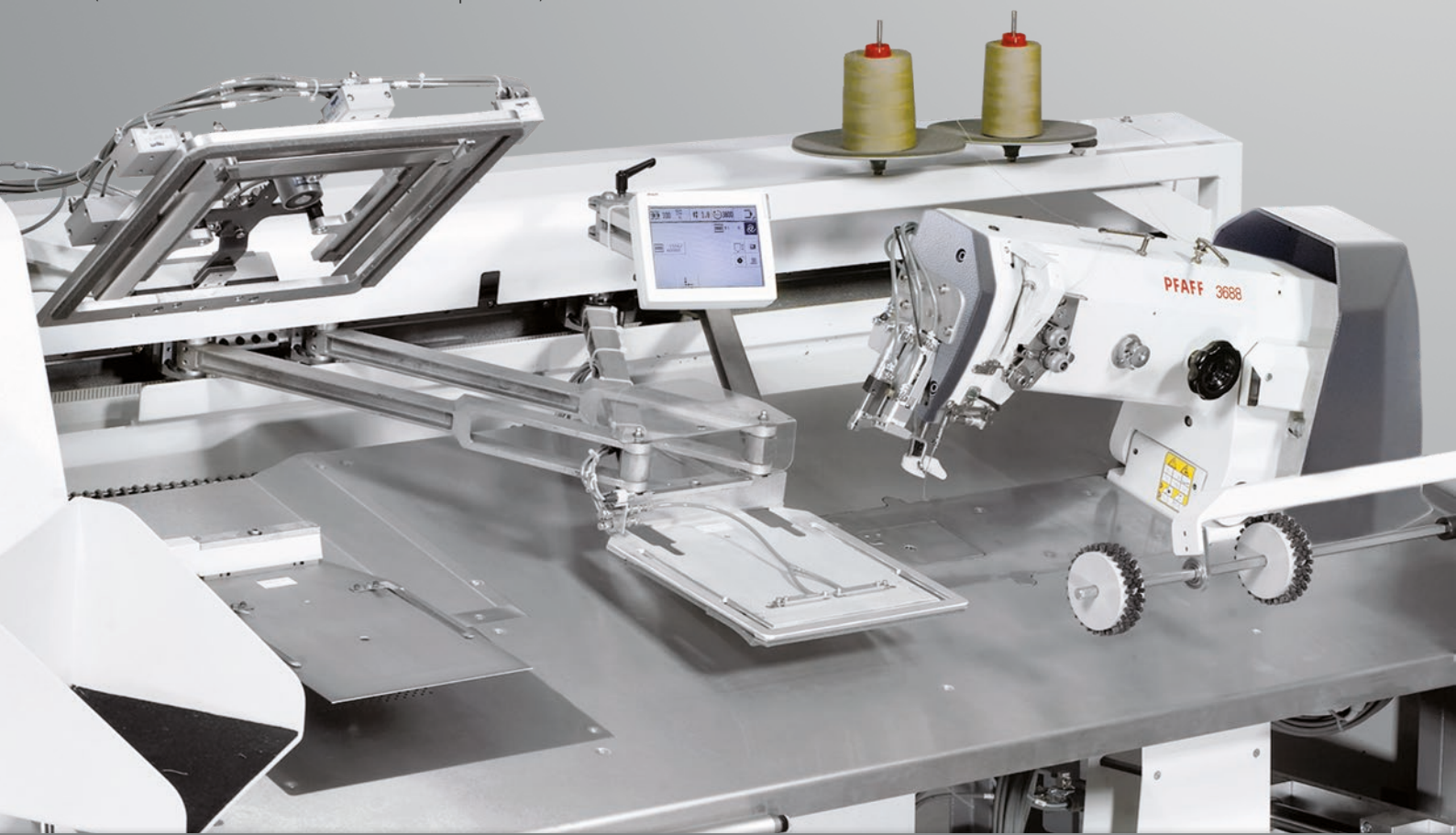
# 3688 UPGRADE OF A LEGEND

## Bellow

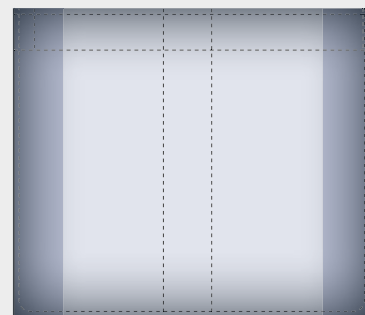
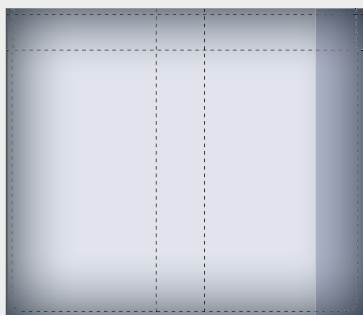
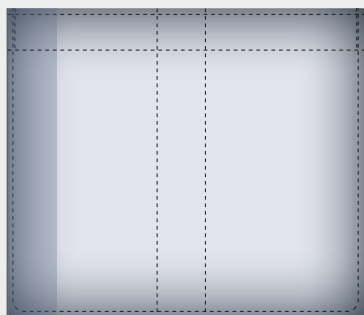
### PFAFF 3688 Cargo\*

Efficient attaching of side pockets

\* recommended basic machines PFAFF 3688-131 or PFAFF 3688-231  
(but also with versions -132 und -232 possible)



Bellow - one sided or double sided



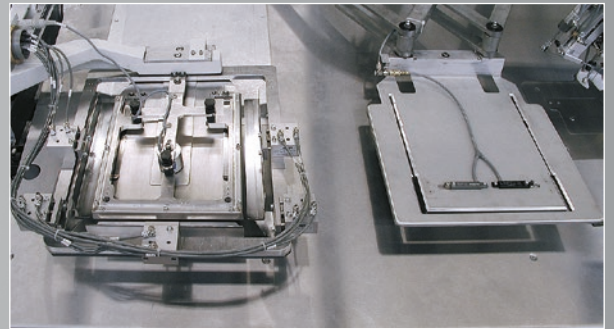


## Bellow pockets (work wear, sports wear and military garments)

### Bellow pockets - one and double sided:

Version for bellows (with wrinkles) on left and/or right side

Basic kit no. 95-297 966-70/898  
and pocket style kit no. 95-300 300-70



### Bellow pockets (L-Shape):

Version for bellows (with wrinkles) on the left or right side and bottom of pocket

Basic kit no. 95-297 966-70/898  
and pocket style kit no. 95-300 300-70



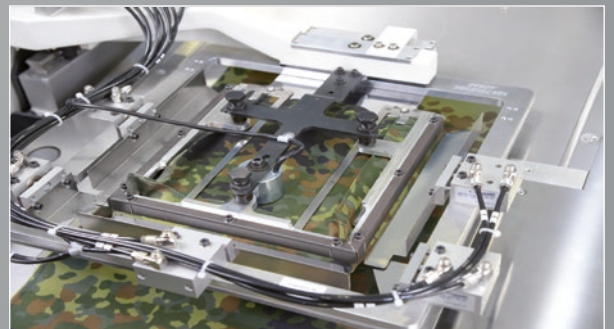
**New**

### Cargo Plus (U-Shape):

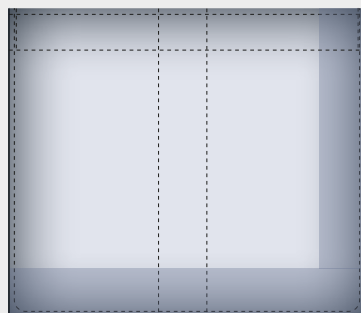
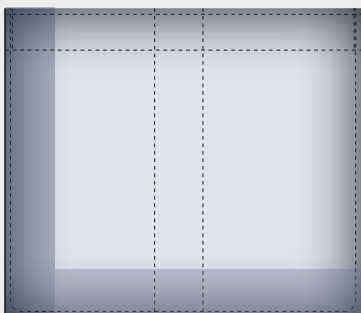
Version for bellows (with wrinkles) on the left, right and bottom side of pocket

Basic kit no. 95-297 966-70/898  
and pocket style kit no. 95-300 345-70\*

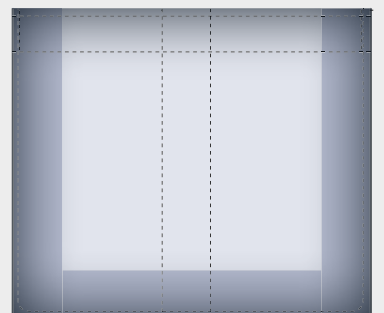
\* Sewing foot no. 95-854 321-91 necessary



## Bellow - L-Shape



## Cargo Plus



# 3688 UPGRADE OF A LEGEND

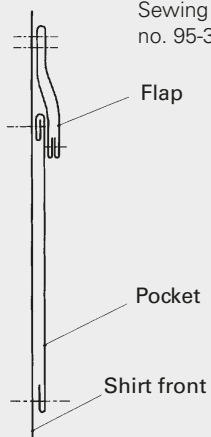
## FLAP

### PFAFF 3688 Flap

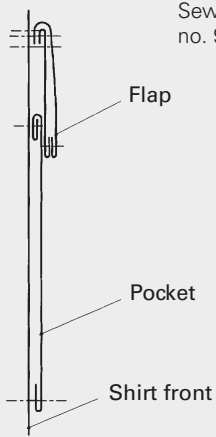
Attaching pocket with flap in one operation



Sewing on ready made flap:  
no. 95-300 330-70



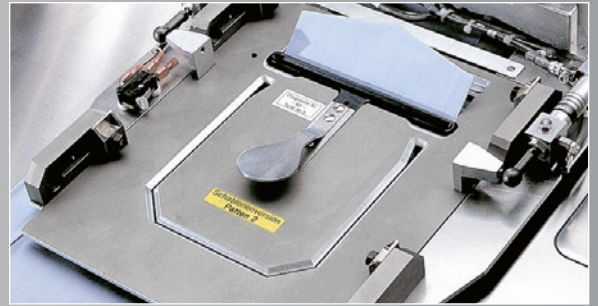
Sewing on and top-stitching flap:  
no. 95-300 256-70



## Open flap (Shirt)

**PFAFF 3688 (-111 or -211)**

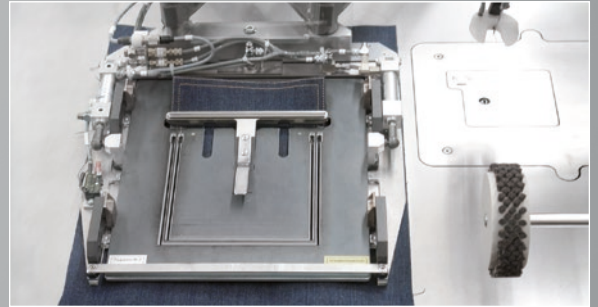
with basic kit no. 95-776 422-90,  
pocket style kit no. 95-300 256-70  
and sewing jig no. 95-300 311-70



## Open flap (Jeans)

**PFAFF 3688 (-131, -231, -132 or -232)**

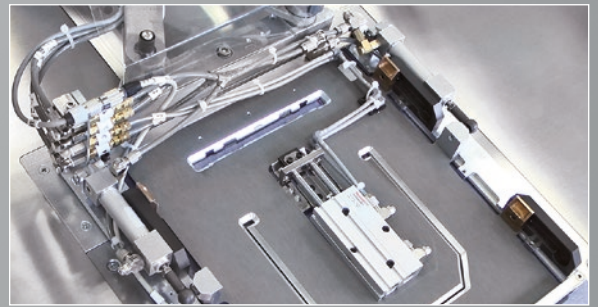
with basic kit no. 95-776 422-90,  
pocket style kit no. 95-300 256-70  
and sewing jig no. 95-300 311-70



## Ready made flap (Shirt + Jeans)

**PFAFF 3688 (all versions)**

with basic kit no. 95-854 082-90,  
pocket style kit no. 95-300 330-70  
and sewing jig no. 95-300 335-70



Shirt pocket with flap



Flap + additional seam  
for pen slot



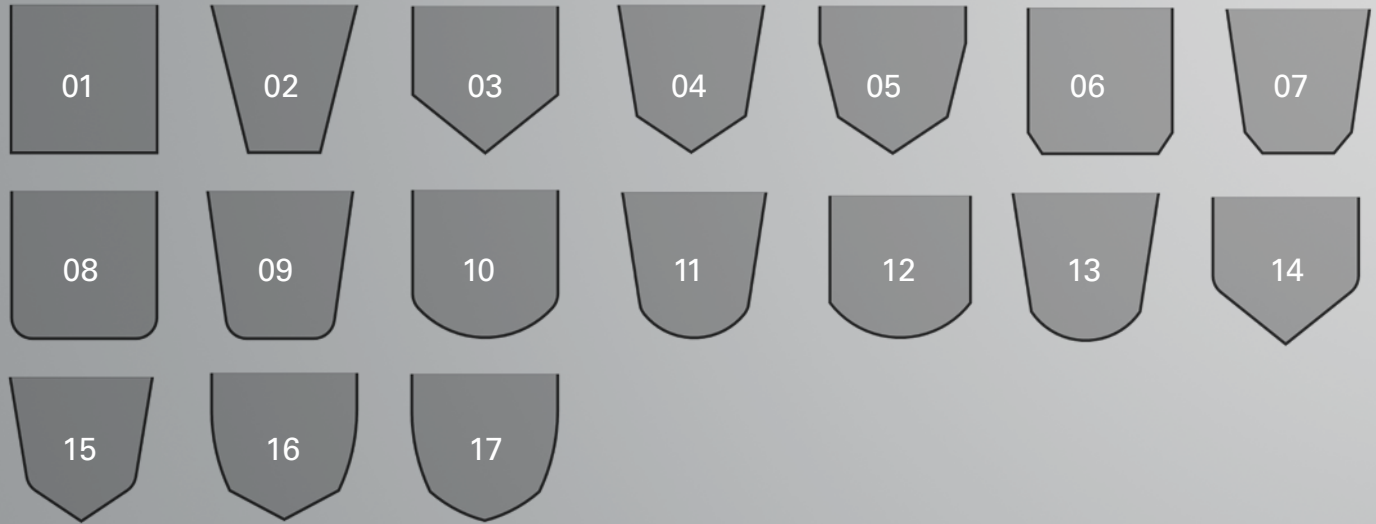
Flap on jeans trouser



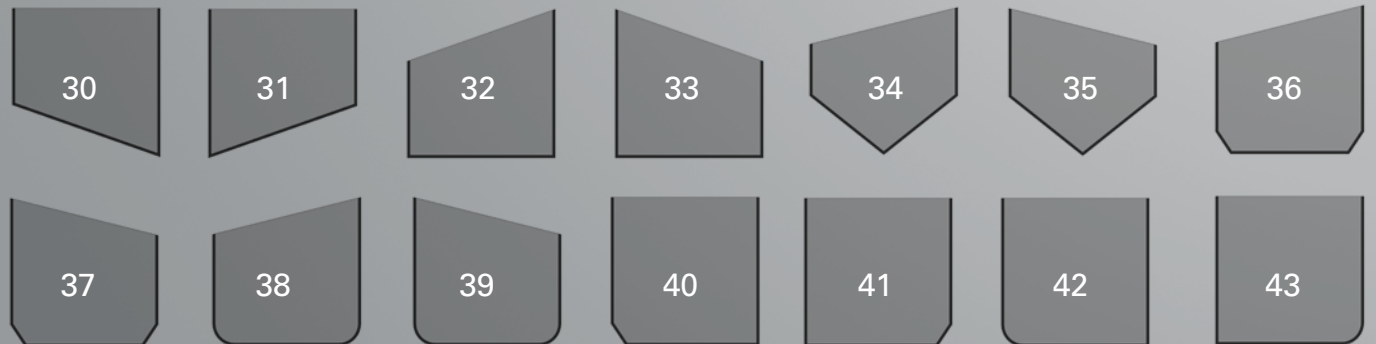
# 3688 UPGRADE OF A LEGEND

**Pocket styles:** A varied selection of sizes and styles

Symmetrical pockets:



Asymmetrical pockets:



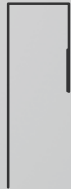
Bell-shaped pockets:



**Bartack styles:** Select your required bartack (enclosed some examples)



R-01



R-02



R-03



R-04



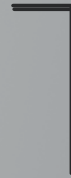
R-05



R-06



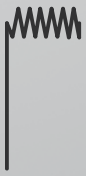
R-07



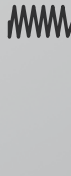
R-08



R-09



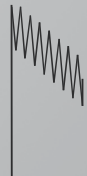
R-10



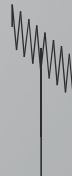
R-11



R-12



R-13



R-14



R-15



R-16



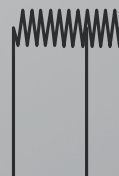
R-17



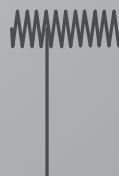
R-18



R-19



R-20



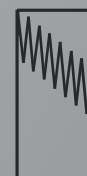
R-21



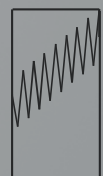
R-22



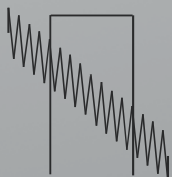
R-23



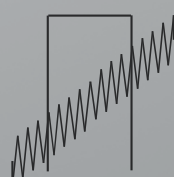
R-24



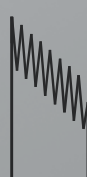
R-25



R-26



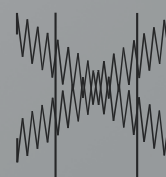
R-27



R-28



R-29



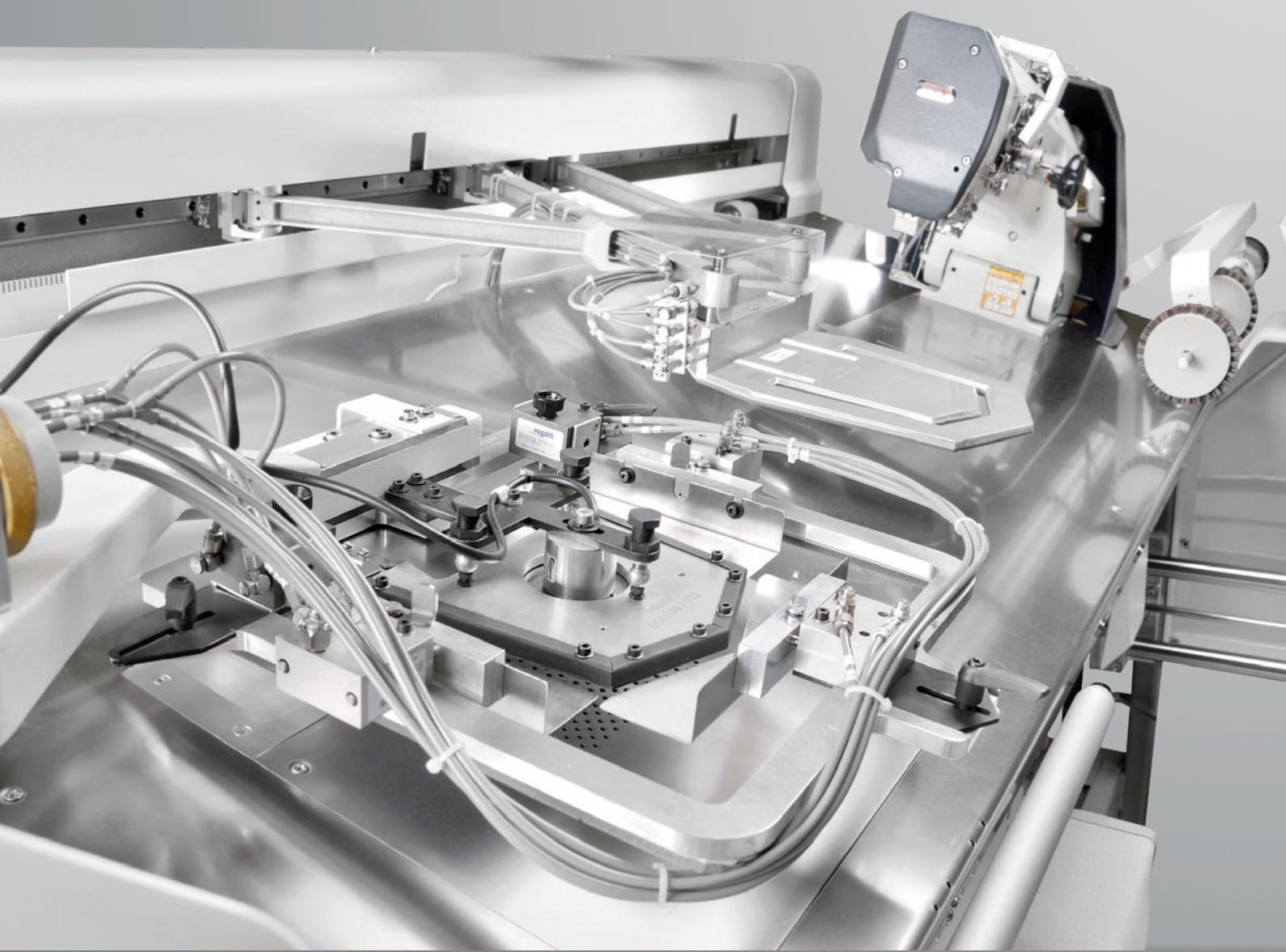
R-30

**3688** UPGRADE OF A LEGEND

# Eco-Flex

## Style kit

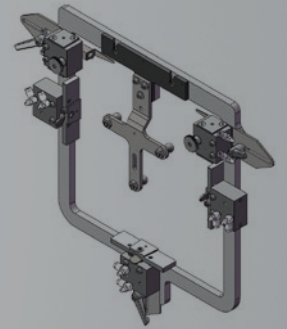
Flexible and cost-efficient concept for style kits for automatic jeans pocket setter



## Eco-Flex style kit consisting of:

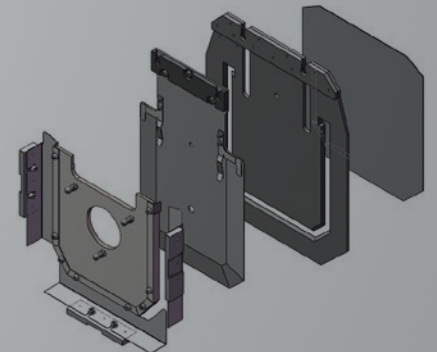
### Universal U-plate

- One-time purchase (35% of the original costs of a standard style kit)
- Universal outer frame can be used for pocket size range 100 x 100 mm up to 200 x 200 mm. (Larger pocket sizes on request)



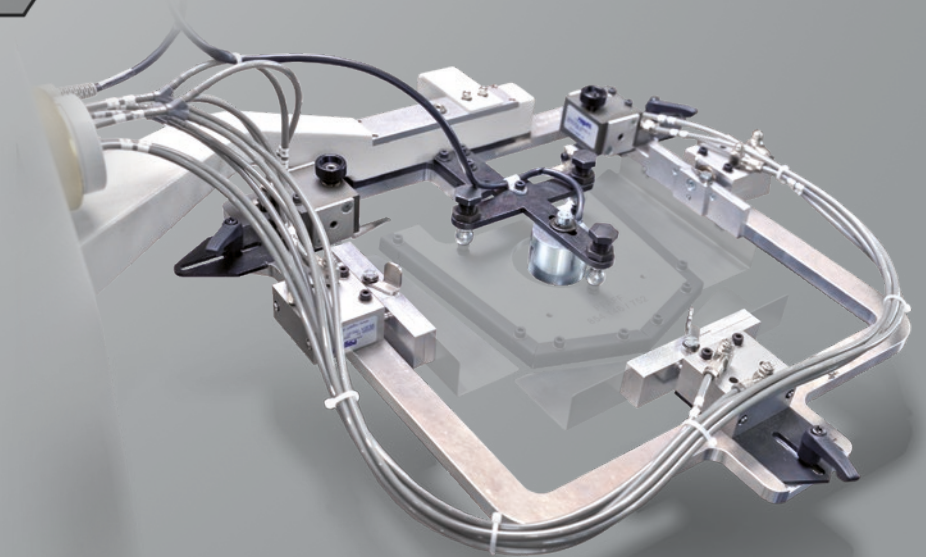
### Shape depending style kit

- For pocket styles 04 and 06 (others on request)
- Quick exchange of pocket style and or size to reduce downtime in your production (35% of the original costs of a standard style kit)
- No tools required for style set changes



04

06

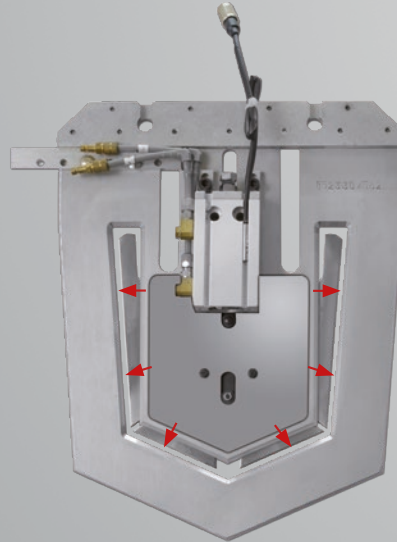
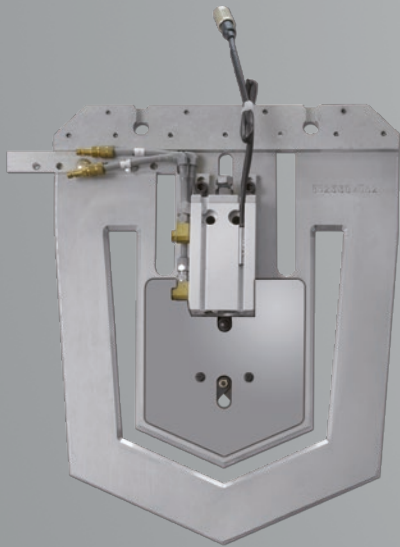


# 3688 UPGRADE OF A LEGEND

## Style kit including transfer plate with retractable sliders

### Recommended for:

- Double seam in light and medium heavy fabrics and stretch fabrics
- Achieving seam margins < 2,4 mm to the pocket edges

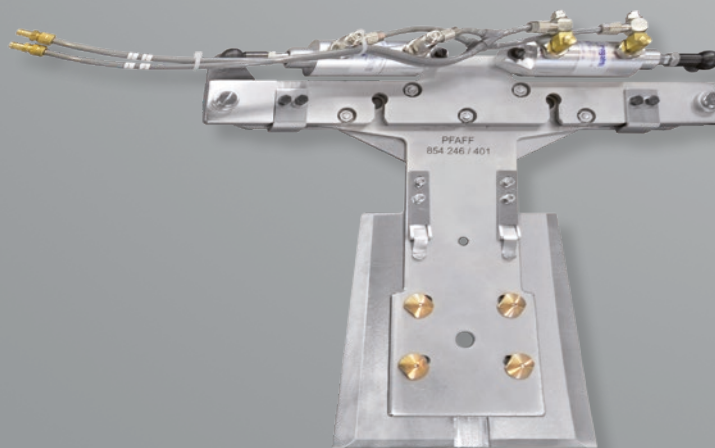


## Bell-shaped pocket / Pocket plate

(Style kits no. 60 - 63)

### Recommended for:

- For pocket shapes that are wider at the bottom than at the opening.
- The pocket plate is equipped with slides that may be swiveled in for easy removal despite the narrow opening. The slides fold without damaging the folded pocket.
- May be used for both the jeans and shirt version (single seam and double seam).





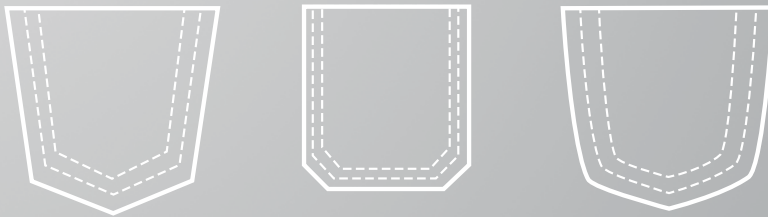
## EASY FLEX simple & flexible

For a significant reduction of pocket-style set costs!

EASY FLEX is the new PFAFF concept for easily manufacture your own pocket-style set for machine PFAFF 3688

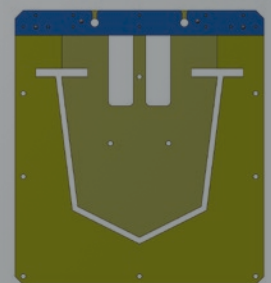
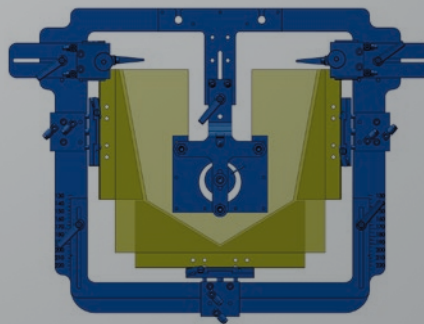
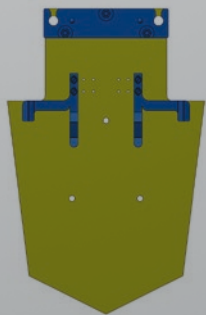
EASY FLEX is a system that enables the customer to create pocket style kits simple (EASY) and flexible (FLEX).

The repeatable and exact positioning of the self-made pocket-style kit is made possible by separating into machine-dependent and customer-dependent parts.



### The advantages of EASY FLEX:

- Consistently high quality and maximum output
- Maximum flexibility due to the simple manufacture on site (using the PFAFF milling machine or simple tools)
- Short response times (when changing the style of the pockets)
- Seam program may be created on the Touch Panel of the PFAFF 3688 or via the PC/notebook (PFAFF PSP software)
- After entering a few parameters PSP automatically calculates the pocket shape and automatically generates a DXF file for the milling machine



### machine-dependent parts:

The machine-dependent parts are high-precision items manufactured by PFAFF Industrial and are required to attach the style kits to the 3688 in exactly the right position. They can be re-used multiple times.

### customer-dependent parts:

The customer-dependent parts are simple aluminum and steel plates into which the customer's cut there own desired pocket style. These customer-dependent parts are attached to the machine-dependent parts exactly in the right position via a bore.

# 3688 UPGRADE OF A LEGEND

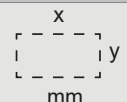







## Versions and style kits:

		-111	-211	-121	-131	-231	-132	-232
<b>STYLE KIT FOR STANDARD POCKETS</b>								
95-300 250-70	Pocket style kit for un-folded pockets (Folder, pocket plate, sewing jig)	●	●	●	●	●	●	●
<b>STYLE KIT FOR POCKETS WITH OPEN FLAPS</b>								
95-300 256-70	Pocket style kit for flaps (Folder + pocket plate)	●	●	●	●	●	●	●
95-300 311-70	Sewing jig for attaching and top-stitching of open flaps							
95-776 422-90	Basic kit for attaching pockets with flaps (Max. pocket size: L: 200 mm, W: 205 mm)							
<b>STYLE KIT FOR POCKETS WITH READY-MADE FLAPS</b>								
95-300 330-70	Pocket style kit for flaps (Folder + pocket plate)	●	●	●	●	●	●	●
95-300 335-70	Sewing jig for attaching flaps							
95-854 082-90	Basic kit for attaching pockets with flaps (Max. pocket size: L: 200 mm, W: 180 mm)							
<b>STYLE KIT FOR BELLOW POCKETS (without flaps)</b>								
95-300 300-70	Pocket style kit for bellow pockets - one sided, double sided or L-shape	●	●	●	●	●	●	●
95-300 345-70	Pocket style kit for "Cargo Plus" bellow pockets *							
95-297 966-70/898	Basic kit for bellow pockets – one sided, double sided or L-shape (Version for pleats on the transverse side and longitudinal side)							
<b>STYLE KIT FOR PRE-FOLDED POCKETS</b>								
95-300 308-70	Pocket style kit for pre-folded pockets	●	●	●	●	●	●	●
95-776 535-70/595	Set of blanks for in-house production of pocket style kit							
95-776 633-90	Basic kit for pre-folded pockets							
<b>ECO-FLEX STYLE KIT</b>								
95-300 420-70	Universal U-plate (150 x 150 up to 200 x 200 mm)	●	●	●	●	●	●	●
95-300 421-70	Universal U-plate (100 x 100 up to 150 x 150 mm)	●	●	●	●	●	●	●
95-300 450-70	Eco-Flex parts kit	●	●	●	●	●	●	●

\* Sewing foot 95-854 321-91 required

### Remarks:

- For the desired application the required basic kit per machine is only ONCE required (one-time investment)
- Different basic kits can be combined in one machine and therefore different applications are possible with the same machine
- For operating the machines, EVERY machine must be attached with a pocket pocket style kit

Types	 mm	 2						
	Sewing area	Number of threads	Vertical hook, large	Horizontal hook, small	Needle positioning	Thread trimmer	Bobbin thread monitor	Presser foot lift
<b>-111 / Shirt</b>	250 x 250	●		●	●	●	●	●
<b>-211 / Shirt</b>	280 x 280	●		●	●	●	●	●
<b>-121 / Shirt (zigzag)</b>	250 x 250	●		●	●	●	●	●
<b>-131 (-132) / Jeans</b>	250 x 250	●	●		●	●	●	●
<b>-231 (-232) / Jeans</b>	280 x 280	●	●		●	●	●	●









## Versions and style kits:

-111	-211	-121	-131	-231	-132	-232
------	------	------	------	------	------	------

	TRANSFER PLATE WITH RETRACTABLE SLIDERS recommended for a double seam in light + medium heavy fabrics as well as stretch fabrics and seam depths < 2.4 mm (jeans)						
95-300 255-70	Sewing jig for variable sewing slot	●	●	●	●	●	●
95-776 422-90	Basic kit for variable sewing slot	●	●	●	●	●	●
	DEVICE FOR PROCESSING LABELS						
on request	Label positioning device - left pocket side	●	●	●	●	●	●
on request	Label positioning device - right pocket side	●	●	●	●	●	●
95-776 566-90	Basic kit for processing labels	●	●	●	●	●	●
	DEVICE FOR PROCESSING BELL-SHAPED POCKETS						
95-300 307-70	Pocket plate (splited) for bell-shaped pockets	●	●	●	●	●	●
95-776 566-90	Basic kit for bell-shaped pockets	●	●	●	●	●	●
	EASY-FLEX POCKET-STYLE CONCEPT						
95-786 011-91	EASYFlex basic kit (Universal folder frame)						
95-786 081-90	Machine-dependent parts				●	●	●
95-786 082-90	Customer-dependent parts (raw parts)						

## Optional equipment/Upgrade-Kits

95-298 078-70/898	SEWING HEAD TILTING MECHANISM for easy bobbin change	●	●	●					
	DEVICE FOR JIG MONITORING (via RFID) (if required, each pocket style kit needs to be equipped)								
on request	Sewing jig monitoring (RFID Chip)	●	●	●	●	●	●	●	●
on request	Basic kit / Transponder	●	●	●	●	●	●	●	●
91-291 919-91	SOLENOID - to support the folding process	●	●	●	●	●	●	●	●
95-297 745-70/898	HOLDER ARM for cross laser	●	●	●	●	●	●	●	●
95-298 093-90	CROSS LASER, red	●	●	●	●	●	●	●	●
95-298 100-90	CROSS LASER, green	●	●	●	●	●	●	●	●
95-297 998-70/898	HEIGHT-ADJUSTING DEVICE (motor driven)	●	●	●	●	●	●	●	●
95-775 715-90	FEED ROLLERS (4 pieces)	●	●	●	●	●	●	●	●
95-297 810-90	DEVICE Fullness function & bartack reinforcement							●	●

Types		SD-CARD / USB				- System		- Type		mm			- Nm
	Large part stacker	Data storage	Network connection	max. stitches/min.	Needle system	Needle system (special jigs)	recommended needle type	Stitch length, max.	mm	Needle cooling	Needle size		
-111 / Shirt	●	●	●	4.000	134	134-35	R	8		●	70-110		
-211 / Shirt	●	●	●	3.600	134	134-35	R	8		●	70-110		
-121 / Shirt (zigzag)	●	●	●	4.000	134	134-35	R	8		●	70-110		
-131 (-132) / Jeans	●	●	●	4.000	134	134-35	SUK SERV 7	8		●	110-160		
-231 (-232) / Jeans	●	●	●	3.600	134	134-35	SUK SERV 7	8		●	110-160		

## Technical Data:

**Stitch type:**

301 (lockstitch)

**Connection voltage:**

230 V single-phase a.c.  
50/60 Hz

**Electric power consumption:**

2.2 kw/h

**Working pressure:**

6 bar

**Air consumption:**

approx. 25 l/cycle

**Net weight:**

approx. 650 kg

**Dimensions (mm):**

Length: approx. 2,250  
Width: approx. 1,150  
Height: approx. 1,450  
Height of front: 870 to 1,170  
edge of table

**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](mailto:info@pfaff-industrial.com)