PFAFF® Industrial

KSL

Flexible & Powerful

Filter processing units

Modular and high-efficient filter production units of the brands PFAFF and KSL are planned and realized according to customer requirements (material, type of filter, etc.). The high degree of automation of our units guarantees a high output with max. process reliability. We offer solutions for the following areas:

- Air filtration (filter pockets and pleated filters)
- Dust filtration (filter tubes with stitched bottom)
- Liquid filtration (filter tubes with welded bottom, filter cloth)

Our product range for the filtration industry:

Filter pocket sewing units:

Efficient proccessing - from the basic material on the roll to the finished product at a fully automated production unit with recipe management at a variety of product sizes. Especially the technology of the stitch loosening provides the production of filter pockets with a reproducible volume.

Filter tube production units:

Flexible concept - in one operation, the material is endlessly sewn or welded into a tube and automatically cut to length. Production with or without bottom seam is possible. The bottom can be in v-shape or round shape. All parameters are programmable.

Filter cloth:

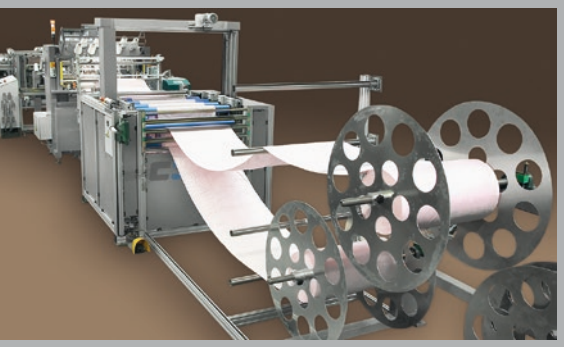
Automated production by large-area CNC sewing units. The material is inserted into a template and then sewn into filter cloths by using pre-programmed seam paths. A wide range of options and extensions meets the most diverse product and industry requirements.

Pleated filter:

The closing (longitudinal seam) of the filter is made via ultrasonic C&S DUAL (Edge cutting and sealing and a second weld seam as reinforcement IN ONE OPERATION. The ultrasonic welding unit PFAFF 8317 is predestinated for that application.

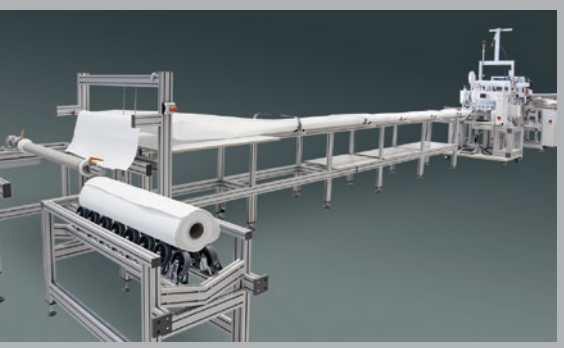
PFAFF 4508
New hot-air and ultrasonic welding unit for processing filter tubes (liquid filtration)

KL FPS 300
High-speed manufacturing system (sewing) for processing filter pockets

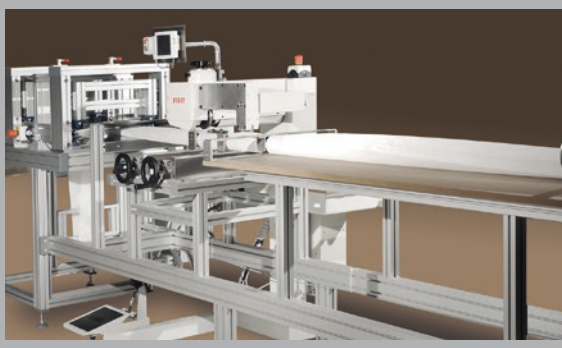


KL 970
Modular manufacturing system (sewing) for processing filter pockets

KL 980
Modular manufacturing system (ultrasonic welding) for processing filter pockets



PFAFF 4507
Hot-wedge / hot-air welding and/or sewing unit for processing needle felt filter tubes (gas filtration)



PFAFF 4504
Ultrasonic welding unit for processing filter tubes, supporting shells and pre filters

KL 361
CNC-controlled sewing unit with rotating sewing head and large sewing area for processing filter cloth

KL 371
CNC-controlled sewing unit with rotating sewing head and large sewing area for processing filter cloth

KL 200
Modern welding and/or sewing unit for processing filter tubes

PFAFF 8317
Single-head ultrasonic welding unit (CS DUAL) for processing pleated filters and filter bags