

Production of detergent pads

Clean processing of liquid filling media.



The PFM-K series is designed for very high outputs of molded packs made from film that is difficult to process – with processes such as:

- thermoforming of the film
- filling with the fill medium
- sealing of the molded packs
- die-cutting of the contour
- counting of the products

This technology can be used for the manufacture of packs of varying shapes and for the filling of a wide range of media:

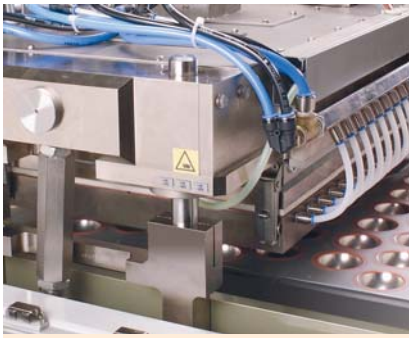
- liquids
- pasty media
- powders/granulates
- particulate

The special requirements for these are as follows:

- Fold-free processing of the extremely stretchable and flexible film materials into ready-to-use portioned molded packs
- The clean filling of media with consistencies that are difficult to handle

Product-compliant processing is guaranteed by the:

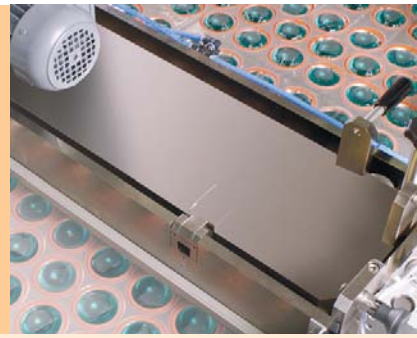
- continuous mode of operation
- easy accessibility due to the linear layout of the machine
- foldable work stations for easy size changeovers and easy cleaning
- web width of the film of up to 650 mm
- escorting stations ensure long processing times
- temperature control with short reaction times – due to which a narrow temperature range results with the sealing
- dependable command of the film, which is extremely difficult to process, due to servo-driven size plates with vacuum support
- sealing station optionally with individual head or plate sealing



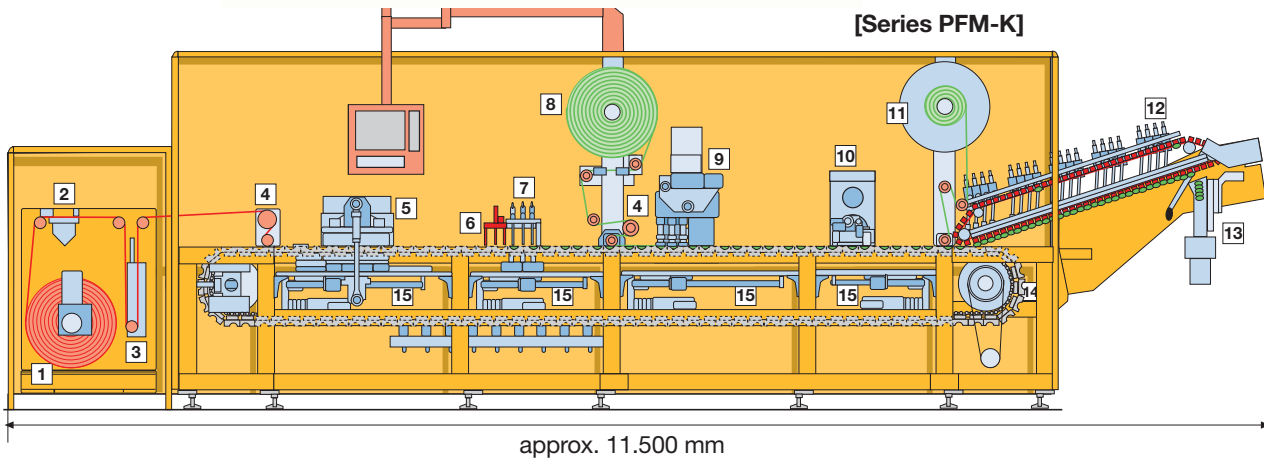
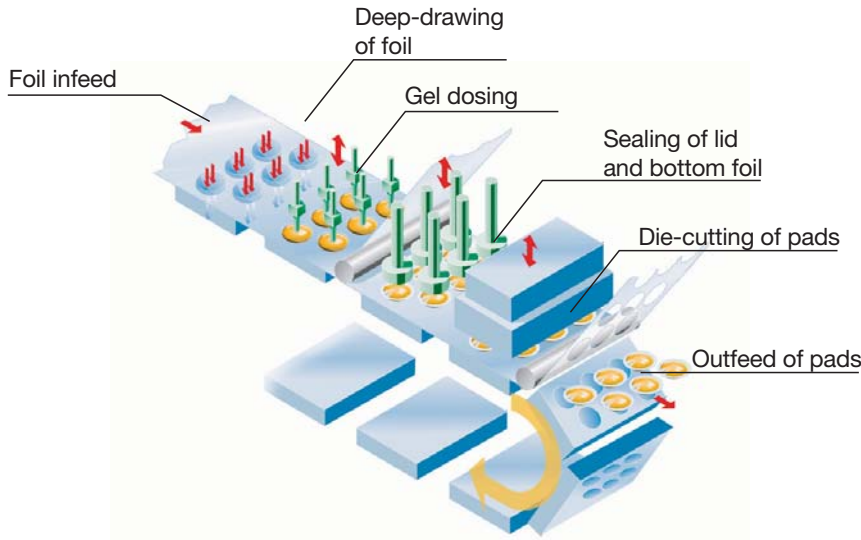
Thermoforming and vacuum deep-drawing of the base web



Sealing the base and lid web with individual sealing heads



Contour-cutting the formed package with rotary cutters



i You will find further informations in our brochure "Customized Solutions"

Technical data

Web width: up to max. 650 mm
wider webs upon request

Web material: all commercially available web materials can be processed

Output: Indexing capacity up to approx. 10 m / min.
up to 40 cycles/per minute
up to 1000 units per minute

Specifications of throughputs and dimensions dependent on the material to be processed

Production sequence

- | | |
|--|--|
| 1 Unwinding the base web | 9 Sealing station |
| 2 Splicing table | 10 Cutting/die-cutting station |
| 3 Dancing roller unit | 11 Winding the waste grid |
| 4 Rotary stretcher | 12 Suction belt |
| 5 Thermoforming of the base web | 13 Transfer and counting device |
| 6 Checking the forming | 14 Transport unit with servo drive |
| 7 Filling station | 15 Station drives with servo motors |
| 8 Unwinding the lid web | |