

**MPS**



**SF**

***Fully Automated Syringe-Feeder  
for «disposable syringes»***

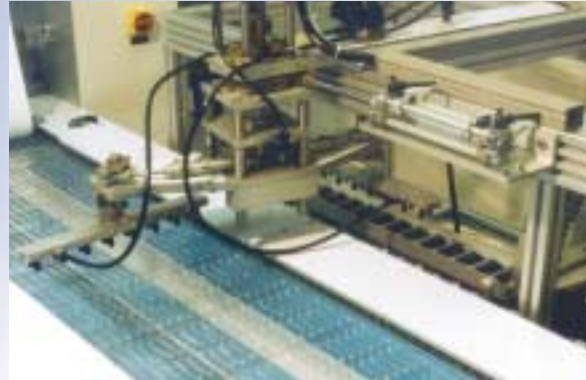


SF

# The highest performance you can get on the market!

not only for our various types of fully automated blister-packing machines but also for any other brand of blister-packing machine

All our machines are top reliable and nearly maintenance-free. For us at MPS «Made in Switzerland» is not only a phrase – it is a guarantee for quality!



## Function

As fundamental basis there are two possibilities

- a) The hanging syringes come directly from the assembling line. Via a conveying device they are transported into a magazine of the basic feeder.
- b) The syringes to be packed are fed into a storage hopper manually. Via a conveying belt, the syringes get transferred into a centrifuge, where after they will be separated and brought into a hanging position. Via a conveying device they are transported into a magazine of the basic feeder.

The syringes are taken out of this magazine by a link chain or a spindle. The system is designed that at all times enough syringes are in store for loading one cycle.

Corresponding with being loaded out of the magazine, the syringes are counted and if necessary checked for missing needles and their protection caps. When all syringes with needles

are present, the suction arm which is located above the syringes, comes down, sucks them up, moves over the formed cavities, lowers and interrupts the vacuum for unloading. At this moment, the opposite suction arm is now in position and ready for the next cycle to begin. Adjacent to the movement, the link chain/spindle is brought forward, releasing the appropriate number of syringes for

the next cycle. Should one of the needles or one of the protection caps be missing, the vacuum arm is blocked and a new impulse is given to the link chain/spindle which will execute this cycle and reloads again. This ensures that only the complete syringes are transported to the packing machine. An «attendance control» at this point is therefore not required.



## TECHNICAL DATA

<b>type:</b>	Fully Automated Syringe-Feeder Mk 2
<b>product:</b>	«One way syringes 2–10 ml»
<b>loading process:</b>	Feeding directly from the assembling line... or Feeding from bulk conveyor into a centrifuge... over a separator into the formed blister of the packing machine
<b>capacity:</b>	max. 22 cycles/min with 2 lines
<b>feeder length:</b>	3–6 m (depending on design)
<b>feeder width:</b>	700 mm
<b>feeder height:</b>	1400 mm
<b>feeder weight:</b>	approx. 320 kg (depending on design)
<b>electrical specification:</b>	3 Phase 400 V+N+E/50 Hz (different values on request)
<b>compressed air connection:</b>	approx. 60 l/min. at 6 bar



MASCHINEN & PACK-SYSTEME AG

LANGACKERSTRASSE 29  
6330 CHAM, SWITZERLAND  
www.mps-swiss.com

PHONE +41- (0)41- 780 36 81  
FAX +41- (0)41- 780 47 33  
e-mail: info@mps-swiss.com