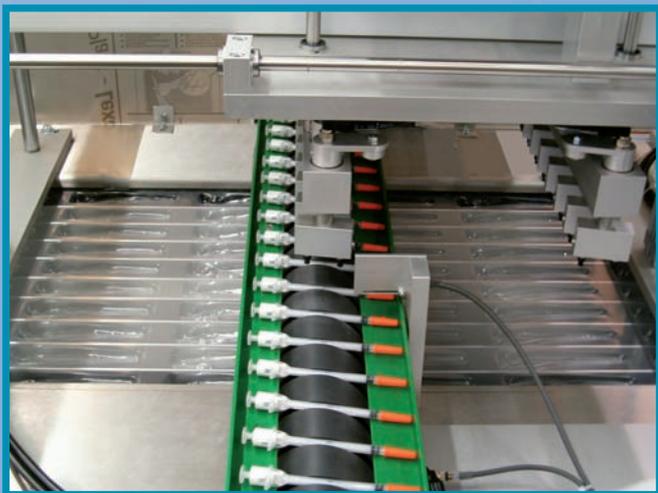


MPS



SF

Fully Automated Syringe-Feeder
for «disposable syringes»



SF

The highest performance you can get on the market!

... adaptable to other brands of Blister-Packing Machines

This machine is treating the syringes smoothly with care. Syringes with broken plungers will be separated and also attached needles will be checked.



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

- The hanging syringes come directly from the assembling line. Via a conveying device they are transported into a magazine of the basic feeder.
- 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 screw. 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 sy-

ringes 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 screw is rotated, 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 screw 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.



Machine:	Fully automated Syringe-Feeder
Type:	SF-1S & SF 2S
Product:	Disposable Syringes 0.5ml – 50ml
capacity::	> 25 cycles/min (2 product lines)
feeder length:	1230 mm
feeder width:	800 mm
feeder height:	1940 mm
feeder weight:	approx. 150 kg
electrical specification:	3 Phase 400 V + N + E / 50 Hz (different values on request)
compressed connection:	approx 25l/min. at 6 bar



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