

Suppository Filling and Sealing Machine



Automatic Suppository Filling and Sealing Machine

-- for the production of suppositories in aluminum cavities

The **SFFS-9A** is a sturdy, high-precision-made machine, designed to achieve high production rate, low noise levels, safe and hygienic performances. The machine is equipped with a PLC, from which all machine functions are controlled and monitored.

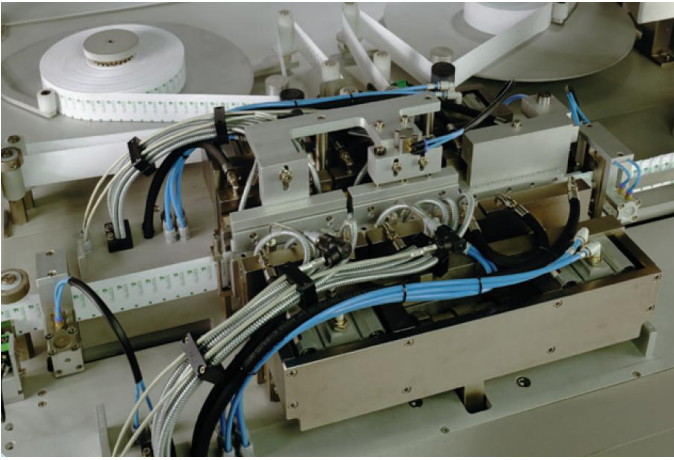


Performance characteristics:

- Optimized operation system which allows to have no waste during the production process and in case of machine stop.
- Forming station for aluminum foil (by punch and matrix system), to produce perfect suppository cavities.
- Bead (or linear) welding of the two films. Each cavity is sealed around the outline of the formed cavity to guarantee a perfect and uniform sealing and to allow an easy extraction of each suppository from the pack with the "peel-off" opening system.
- The product is filled into the container by a volumetric filling pump whose nozzles fit inside the cavities. The filling volume is automatically set through the man machine interface.
- Cooling process for product solidification, available in one or two cooling stages; the continuous suppository band is fed through a spiral path where it is cooled by the flow of filtered air, on both sides, until the suppositories are perfectly solidified, in order to obtain the best shape and consistence.
- The production of suppositories in continuous band allows any number of suppository per pack even. The machine is connected to any horizontal cartoner.



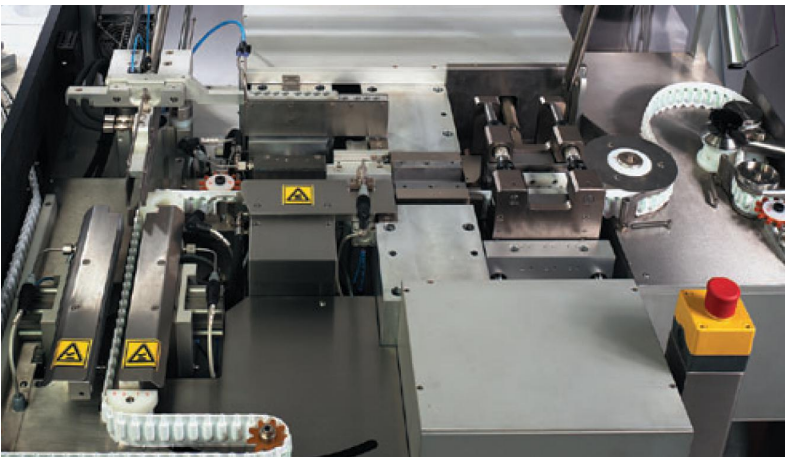
Filling station



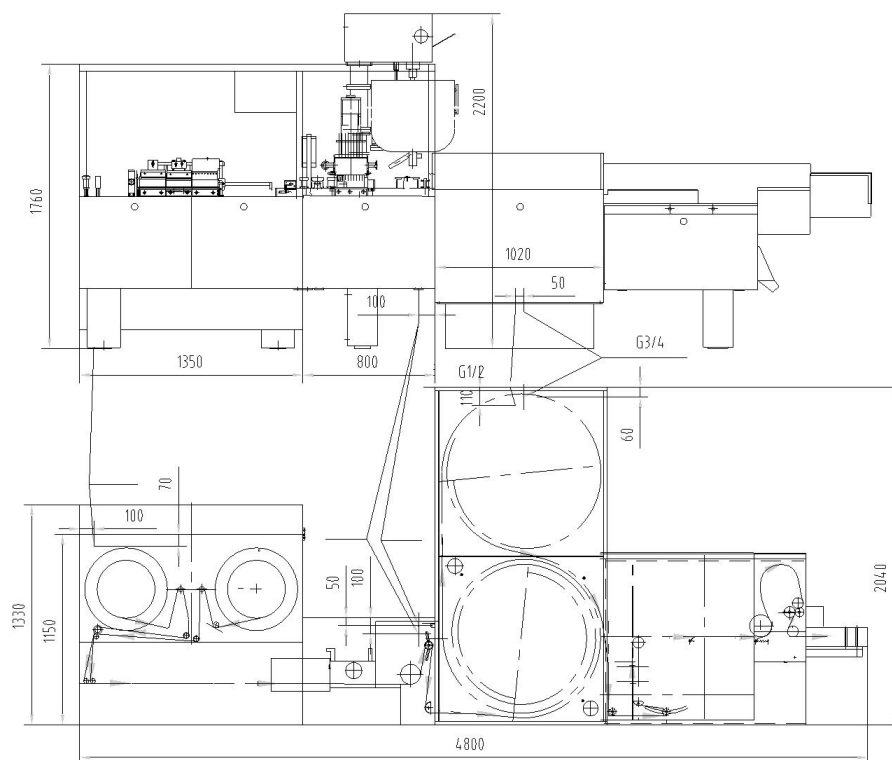
Forming station for aluminium foil



Cooling station



Sealing station

Dimensions:


Technical Data	SFFS-9A
Output	18,000-22,000 suppositories/h
Capacity of product tank	50L heated double-jacketed electric immersion element
Max diameter of packaging material reels	490mm
Max film width	70mm
Packaging materials	Aluminium Thickness: 70÷100microns
Control	Machine controlled by PLC
HMI	PC with touch screen
Cooling time	2 stages:10 min approx.(2x5) 4 stages:20 min approx.(4x5)
Min temperature of cooling air	5°C
Power of cooling group	7500W
Compressed air consumption	Max 110 NL/min
Rated pressure	6 bar
Indicative rated output	2 stages:13Kw 4 stages:15Kw
Control circuit	24 V.d.c
Standard power supply	380V,50/60Hz,3Phases
Noise level	Below the 78 dB(A)
Dimensions	2 stages:4700 x 2040 x 1400mm 4 stages:5720 x 2040 x 1400mm
Height from floor of strip outfeed	960mm
Weight	2 stages:1500 kgs 4 stages:1700 kgs

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