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Modular line for the production of suppositories in thermoplastic cavities

# SL6

## **Modular Line for the production of suppositories in thermoplastic cavities**

Four independent modular units make up the line:

- The **PA 2000** which winds out the two reels of plastic film and moulds them into cavities of appropriate shape and size which exit in a continuous strip.
- The **SG 6 R** filler-stage, which batches the suppository mix into cavities formed in the strip.
- The **SG 6 F** cooler, which solidifies the mix following batching.
- The **SG 6 S**, a final stage which seals off the batch-holes, stamps a code number, knurls the strip and makes the final cut into whatever packing length is required.

The SL 6 is a modular line and so you can consider purchasing the single units as well.



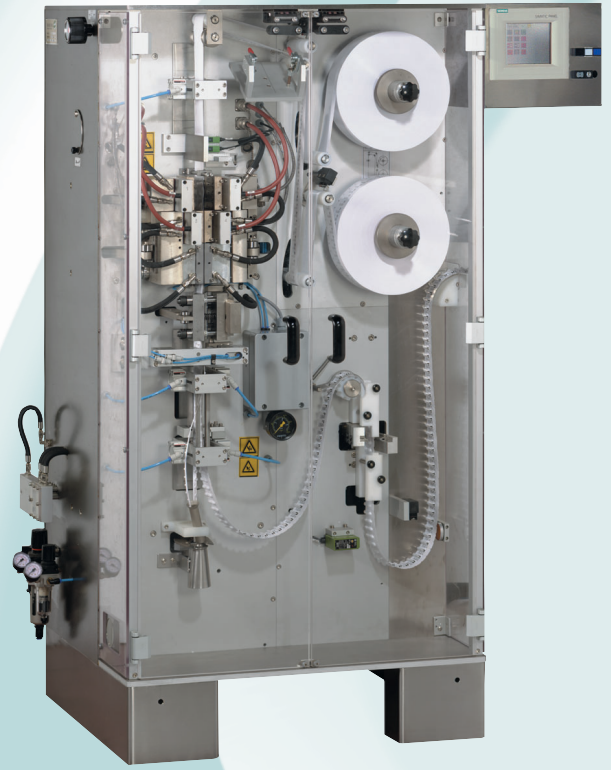
## **TECHNICAL DATA OF THE LINE SL 6**

- Output: up to a 12.000 suppositories per hour
- Input voltage: 230/400 V, 50Hz ,  
3-phase + neuter
- Control circuit: 24 V AC
- Nominal overall power rating: 12.6 KW
- Cooling water consumption: 5 Liters/min
- Compressed air consumption: 90 NL/min, at 6 bar
- Total weight: 1680 Kg.

# PA 2000 THERMOFORMER

## Technical data

- Continuous cavity strip output: up to 12.000 cavity/hour
- Wrapping material:  
PVC, PVC/PE, PET/PE or similar thermoplastics
- Roll diameter: 300 mm max.
- Thickness of film: 200 microns max.
- Film width: from 44 to 120 mm
- Standard center distance between cavities: 17.4 mm
- Variable speed control with synchronization to batch-rate
- Machine and temperature control through PLC
- MMI with "touch screen"
- Input: 230/400 V, 50 Hz., 3 Phase + Neutral, 6.0 KW
- Compressed air consumption: 80 NL/min (6 Bar)
- Cool water consumption: 1 L/min.
- Dimensions: 800 x 750 x 1827 mm
- Weight: 550 Kg.



# SG 6 F COOLING MACHINE

## Technical Data

- Output: 2200 Kcal/h
- Minimum cool-air temperature: 5°C approx.
- Cooling time: 8 minutes approx.
- Input : 230/400 V, 50 Hz, 3 phase + neuter, 2.8 KW
- Cooling water consumption: 2 L/min
- Dimensions: 1544 x 1040 x 1100 mm
- Weight: 400 Kg.

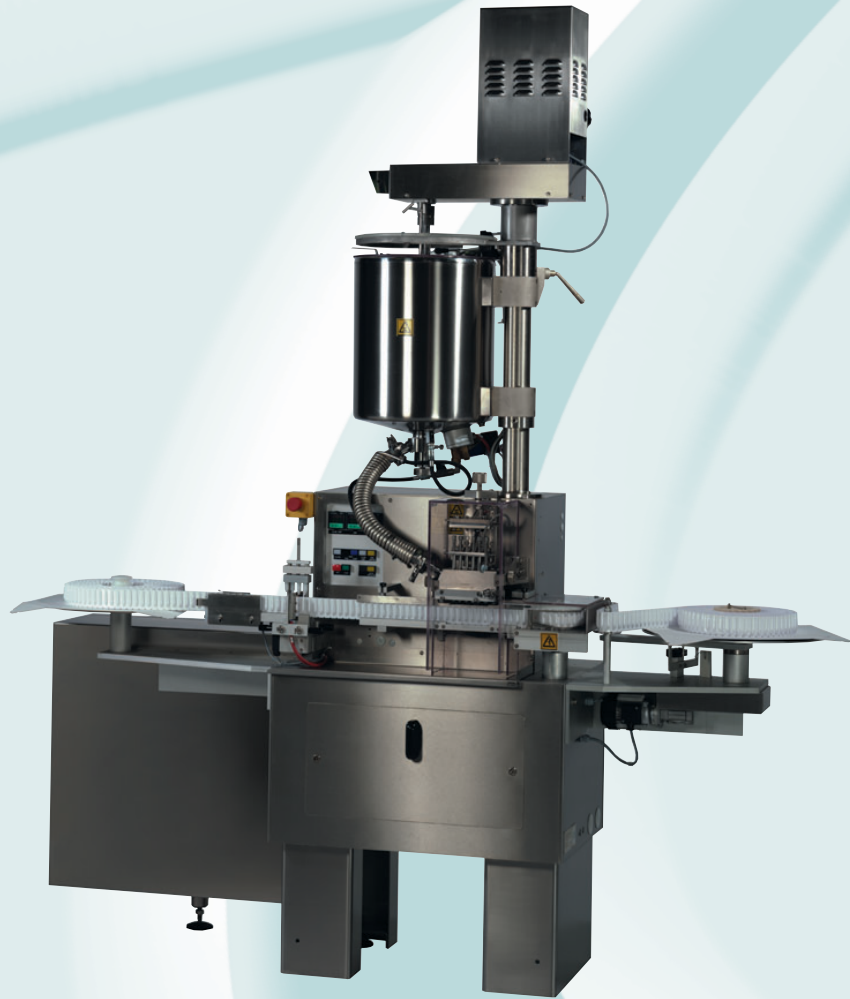


## SG 6 R FILLING UNIT



### Technical Data

- Products which can be filled: suppository masses and semi- dense liquids
- Standard filling range : from 0.5 ml to 3.7 ml. by volumetric pump
- Standard stainless steel mix tank capacity: 30 L
- Standard center distance between cavities: 17.4 mm
- Stainless steel surfaces in contact with product .
- Adjustable variable speed product mixer
- Hopper with immersion heater and water bath
- Machine and temperature control through PLC
- MMI with "touch screen" (on PA2000 when connected)
- Input: 230/400 V, 50 Hz, 3 Ph + neuter, 3.0 KW
- Dimensions: 1560 x 800 x 2615
- Weight: 420 Kg.



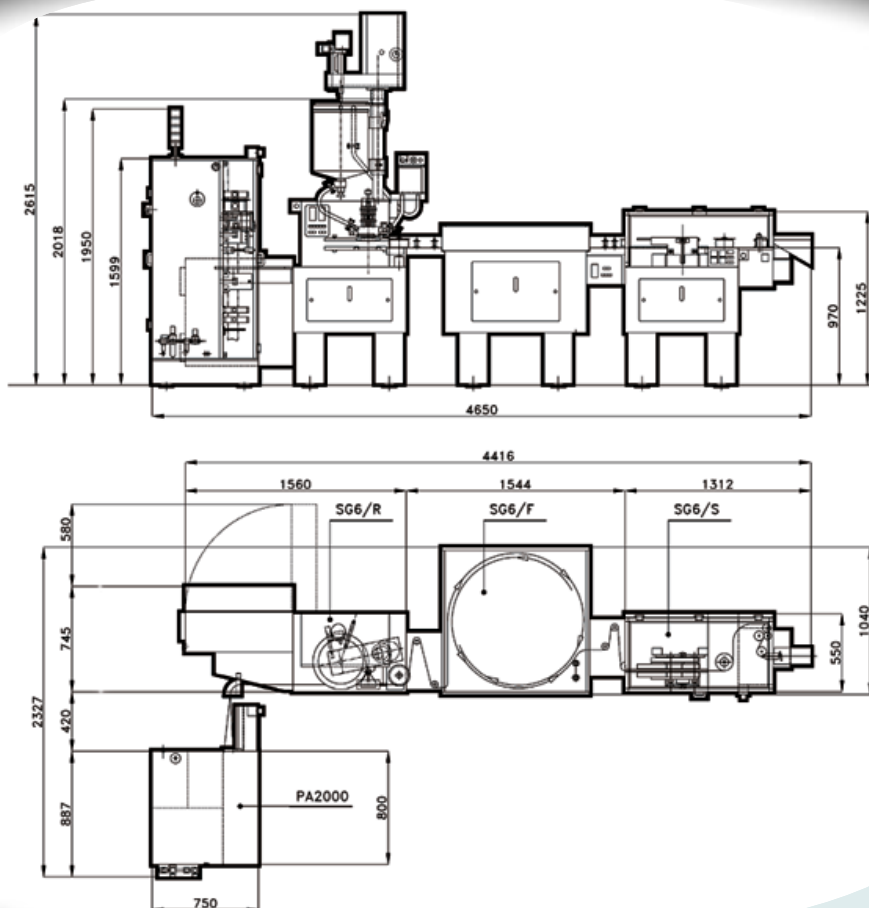
## SG 6 S SEALING MACHINE




### Technical Data

- Cut out for strips of 1 up to 99 suppositories
- Temperature control through PLC
- Input: 230/400 V, 50 Hz, 3 phase + neuter, 3.3 KW
- Compressed air consumption: 50 NL/min at 6 bar
- Cooling water : 2 L/min
- Dimensions: 1312 x 550 x 1225 mm
- Weight: 340 Kg.





 **OPTIONS**

- Special voltage ratings
- Print check (PA 2000)
- Print centering on body cavity (PA 2000)
- Film Splice detector (PA 2000)
- Micro-hole detector (PA 2000)
- Perforation between single cavities (PA 2000)
- Scrap cutting pieces suction (PA 2000)
- 80-liter product tank (SG 6 R)
- Product temperature control inside the tank (SG 6 R)
- Product temperature control at the pump outlet (SG 6 R)
- Peristaltic pump for re-circulation of product (SG 6 R)
- Product tank level control (SG 6 level control inside the cavity (SG 6 R)
- Additional cooling stage (SG 6 F)
- Dry-coding unit (SG 6 S)
- Trimming unit (SG 6 S)
- Flap device to sort-out the defective packages (SG 6 S)

