

Stickpack filling and sealing machine

High-precision dosing into Stickpacks



MFS800



Pharmaceutical industry



Chemicals industry

Range of products:

Liquids

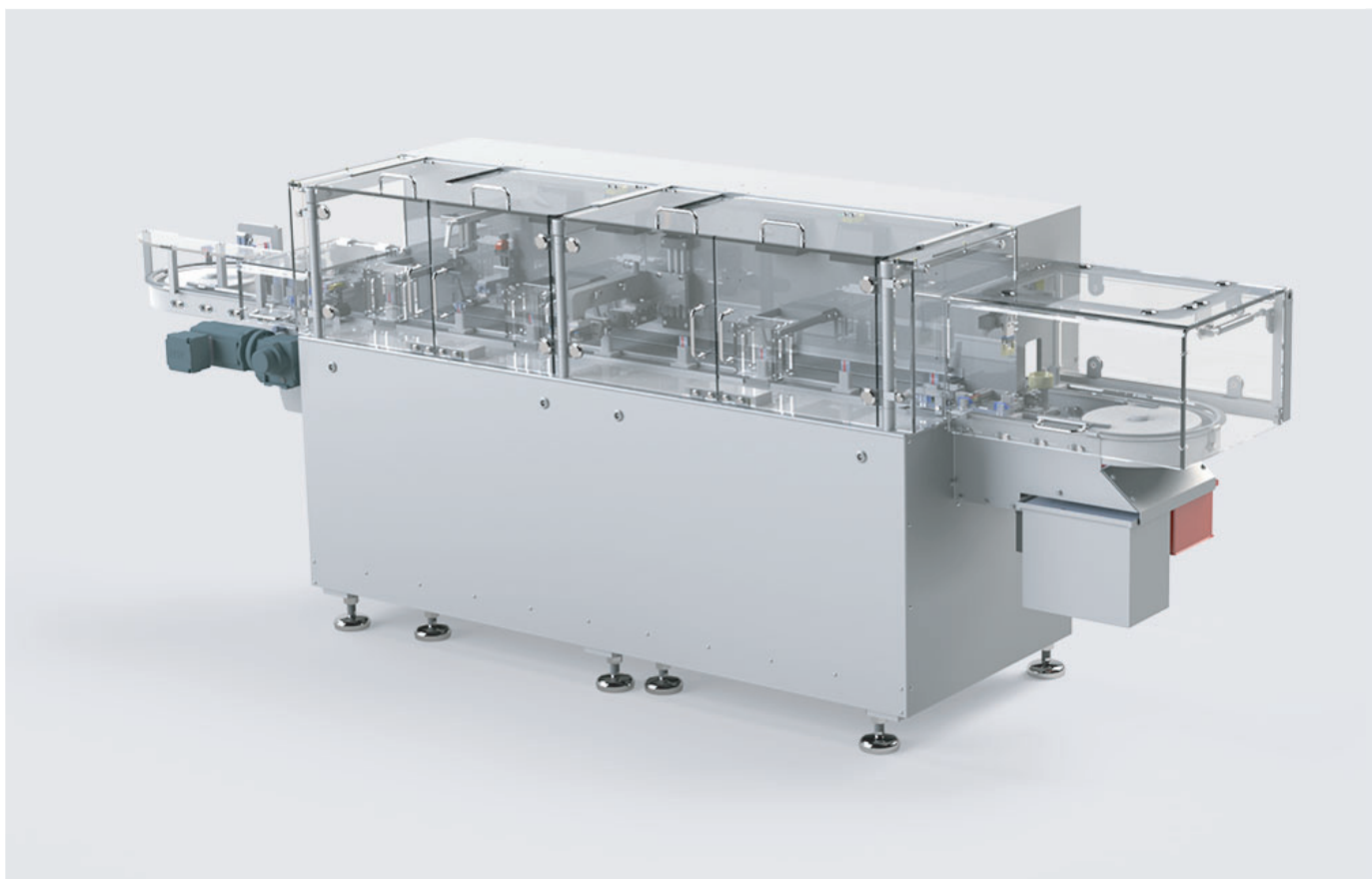
e.g. vaccines, reagents, analysing liquids...

Powders

e.g. pharmaceutical powders...

Granules, small piece goods

e.g. pharmaceutical products, micro tablets...



Stickpack filling and sealing machine

Type: MFS800



MERZSYSTEM

Verpackungsmaschinen



Description of operation

This system is mainly developed to control the net weight of a Stickpack by leaving out the influence of the weight of the wrapping material.

To this end, empty bags are put into carriers - manually or supplied by a MERZ packaging machine.

The filling and weighing of the bags is performed in several steps. The filled Stickpack carriers are being conveyed step by step via a transport system.

1. Step: Additional Stickpack spreading device
2. Step: The empty bag is weighed together with the carrier (tara)
3. Step: Additional camera for controlling open Stickpacks
4. Step: Dosing or rather filling of product 1
5. Step: Weighing of product 1
6. Step: Horizontal sealing product 1 (Option for separation of product 1 and product 2)
7. Step: Dosing or rather filling of product 2
8. Step: Weighing of product 2
9. Step: Horizontal sealing (closing of Stickpack)
10. Step: Waiting position (reserve position e.g. for control by camera)
11. Step: Sachet sorting into good and bad bags with reject verification
12. Step: Sensor with holder after Stickpack transfer for check of empty workpiece carriers
13. Step: The empty carrier moves on, back to the starting position

Technical Details

- ◆ Machine completely out of stainless steel and aluminum
- ◆ Pneumatic parallel sealing drive
- ◆ Sealing temperature left/right separately adjustable
- ◆ Bag counter
- ◆ Improved control by determination of empty bag net weight
- ◆ Siemens PLC

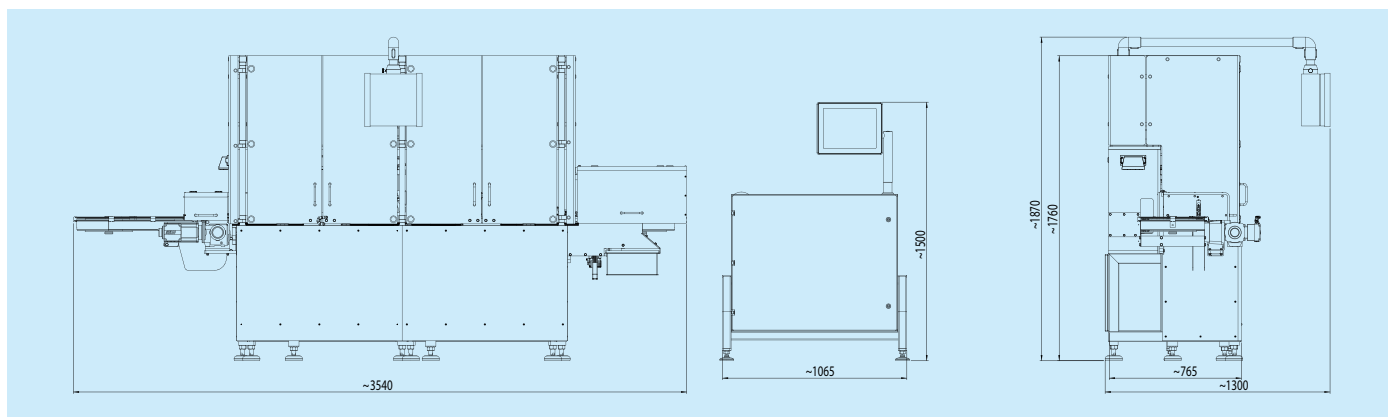
Options

- ◆ Discharge conveyor
- ◆ Dust collection
- ◆ Peel seam between two chambers possible
- ◆ Possibility of filling of two different products into one bag
- ◆ Transformer for special voltage

Technical Data

Bag width	9-23 mm
Bag length	30-120 mm
Filling volume*	ranging from some microliters up to 5ml or up to 200 micro tablets
Output bags/min	up to 25
Air connection	6 bar
Wattage	approx. 2 KW
Voltage supply standard	400V/3/N/PE/50Hz
Protection class	IP 54
Weight	approx. 1150 kg
Colour standard	stainless steel - alu

*Depending on product, filling quantity and packaging material



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