



**MERZ SYSTEM**  
Verpackungsmaschinen

## STICKPACK FORMING, FILLING AND SEALING MACHINE

### SBL50-2

A fully automatic Stickpack machine for the production of all stickpack sizes and designs, including longitudinal seal set to side. Two independent lanes.



## PRODUCT AREAS



### LIQUIDS

0.5 – 100 ML

e.g. shampoo, cosmetic samples, bath extract, oil, coffee-cream, sugarmilk, coffee-syrup, alcohol, chocolate drink, dressings, vaccines,...



### GRANULES

0.2 – 100 ML

e.g. pharmaceutical products, salt, sugar, spices, soups, instant coffee, baker's yeast, tobacco, tea, detergents, spot removal salt, silicagel, seed,...



### CREAMS

0.5 – 100 ML

e.g. skin cream samples, mustard, mayonnaise, ketchup, yoghurt, grease, soft cheese, butter, gel,...



### SMALL PIECE GOODS

e.g. sweets, nuts, saccharine tablets, small sausages, test stripes, ear stoppers,...

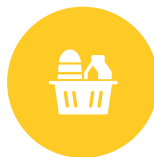


### POWDER

0.2 – 100 ML

e.g. medical powders, pudding, milk powder, baby food, tea, coffee creamer, cappuccino,...

## AREAS OF APPLICATION



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Since 1971  
Made in Germany

# DESCRIPTION OF OPERATION

The packaging machine SBL50-2 is a vertically operating, fully automatic forming-, filling- and sealing machine for the production of very small tubular bags, the so called "Stickpacks". The machine processes flexible, composite films (foils) from the flat foil reel. In a sequence of single operations, the film is drawn off from the reel, formed to a tube during transportation and sealed lengthwise, filled then, sealed transversally and cut off. At the same time, a photocell control assures the exact positioning of the print. The packaging machine SBL50-2 is conceived as a 1-lane basic machine for the production of bags, constructed as a double machine. This means that there are two machines in the housing which are operating independently from each other. In combination with different product supply systems and dosing units, a wide range of products can be packed.

# TECHNICAL DATA

|                            |                                            |
|----------------------------|--------------------------------------------|
| Bag width standard         | 12 – 50 mm                                 |
| Bag length                 | 20 – 200 mm                                |
| Filling volume per bag     | 0.1 – 100 ml                               |
| Capacity cycles/min (x2)   | 0 – 80/min                                 |
| Output bags/min            | up to 160                                  |
| Number of lanes            | 2 separate lanes                           |
| Diameter of film reel      | max. 400 mm                                |
| Width of film reel         | max. 111 mm                                |
| Diameter of film reel core | 70/76 mm                                   |
| Sealing pressure           | up to 1000 N                               |
| Air connection             | 6 bar                                      |
| Wattage                    | approx. 4 KW                               |
| Voltage supply standard    | 400V/3/N/PE/50Hz                           |
| Protection class           | IP 54                                      |
| Gewicht                    | approx. 900 kg                             |
| Colour standard            | stainless steel – alu                      |
| Packaging material         | all current, heat-sealable composite films |

# TECHNICAL DETAILS

- Machine made entirely of stainless steel and aluminium, suitable for pharma and food products
- Continuous electromechanical main drive, + pneumatic parallel sealing drive
- Suitable for mechanical and photocell controlled bag draw-off by means of an up down movement of transverse sealing station
- Pneumatic cutting station for straight or perforated cut-off
- Sealing temperature left/right plus longitudinal separately adjustable
- Electrical bag counter, reset to zero possible
- Siemens PLC

# OPTIONS

- Hot foil stamping or thermotransfer printing unit, alternatively inkjet
- Foil monitoring (end of reel or torn)
- Sealing pressure monitoring with or without documentation
- Bag counter and changeover flap
- Discharge conveyor belt
- Gas flushing
- Dust collection
- Continuous run/operation
- Transformer for special voltage

