

# Stickpack forming, filling and sealing machine

Multi-lane compact Stickpack machine  
for the production of simple or standard Stickpack sizes and designs



## SBL50M



Cosmetics industry



Food industry



Chemicals industry



Photo deviating from standard version

### LIQUIDS (0,5 - 45 ml)

e.g. shampoo, cosmetic samples,  
bath extract, oil, coffee cream, sugar  
milk, coffee syrup, chocolate drink,  
dressings, alcohol,...

### CREAMS (0,5 - 45 ml)

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

### POWDER (0,2 - 45 ml)

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

### GRANULES (0,2 - 45 ml)

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

# Stickpack forming, filling and sealing machine

## Type: SBL50M

**MERZSYSTEM**

Verpackungsmaschinen



### Description of operation

The packaging machine SBL50M 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, cut lengthwise, 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 SBL50M is conceived as a multi-lane basic machine for the bag production. In combination with different product supply systems and dosing units, a wide range of products can be packed.

### Technical data

	2-times	4-times
Bag width standard	12-40 mm	12-28 mm
Bag length	20-200 mm	20-200 mm
Filling volume per bag	0,2 ml – 45 ml	0,2 ml – 20 ml
Capacity cycles/min.*	0-70	0-70
Output bags/min.	up to 140	up to 280
Number of lanes	2	4
Diameter of film reel	max. 400 mm	max. 400 mm
Width of film reel	max. 182 mm	max. 268 mm
Diameter of film reel core	70/76 mm	70/76 mm
Air connection	6 bar	6 bar
Connected value	approx. 2,5 KW	approx. 3 KW
Voltage supply standard	400V/3/N/PE/50Hz	400V/3/N/PE/50Hz
Protection class	IP 54	IP 54
Weight	approx. 600 kg	approx. 600 kg
Colour standard	stainless steel – aluminum	
Packaging material	all current, heat-sealable composite films	

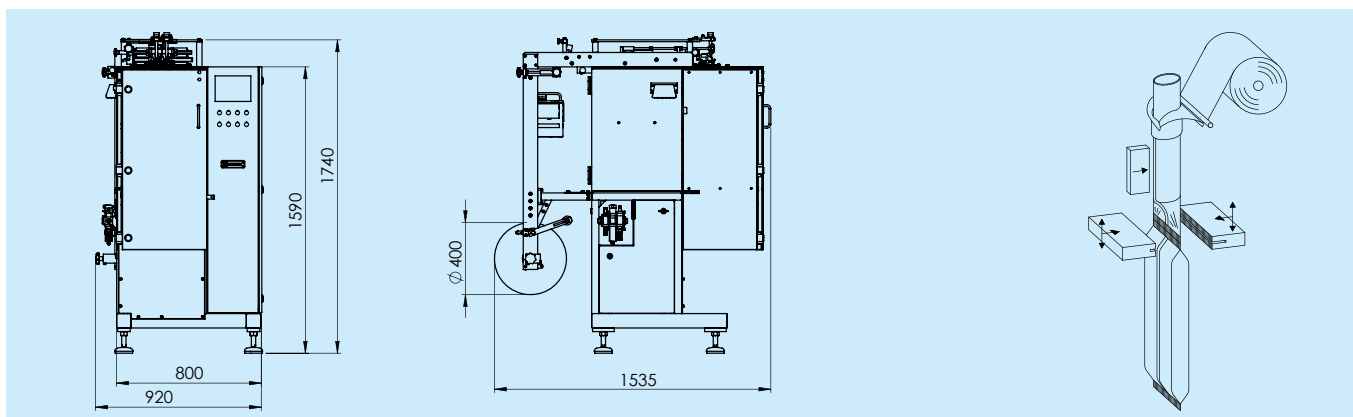
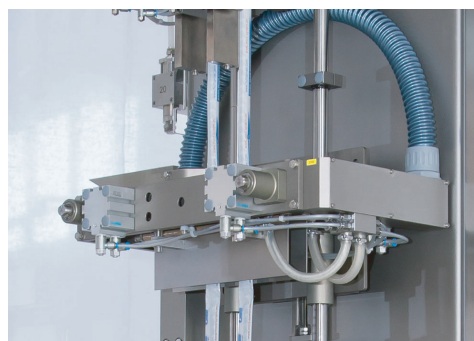
\*depending on product, filling quantity and packaging material

### Technical details

- ♦ machine completely in stainless steel and aluminum, suitable for food products
- ♦ continuous electromechanical main drive with pneumatic parallel sealing drive
- ♦ suitable for mechanical and photocell controlled bag draw-off by means of an up-down movement of transverse sealing station
- ♦ single bags and strings of bags with perforation by means of pneumatically operated plunging knife
- ♦ sealing temperature left/right plus longitudinal separately adjustable
- ♦ electrical bag counter, reset to zero possible
- ♦ Siemens PLC

### Options

- ♦ thermotransfer printing unit, alternatively ink jet
- ♦ foil monitoring (end of reel or torn)
- ♦ sealing pressure monitoring
- ♦ bag counter or changeover flap
- ♦ discharge conveyor belt
- ♦ gas flushing
- ♦ dust extraction
- ♦ continuous run/operation
- ♦ Allen Bradley PLC
- ♦ transformer for special voltage



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