



MERZ SYSTEM
Verpackungsmaschinen

VERTICAL FORMING, FILLING AND SEALING MACHINE

SBL50TD

for smoke-free oral tobacco single-serve packs in filter foil
– one station –



PRODUCT AREAS



DRY TOBACCO

< 36 % MOISTURE

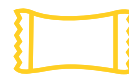
Dry tobacco
Will possibly be moisturized
after packaging



WET TOBACCO

> 36 % MOISTURE

Humid tobacco with more
than 36 % moisture content –
with and without rehumidification



ALL WHITE

3 % – 55 % MOISTURE

Nicotine powder with 3%–55%
moisture content



POWDER

POWDER

precise powder dosing

AREAS OF APPLICATION

SNUS



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Verpackungsmaschinen

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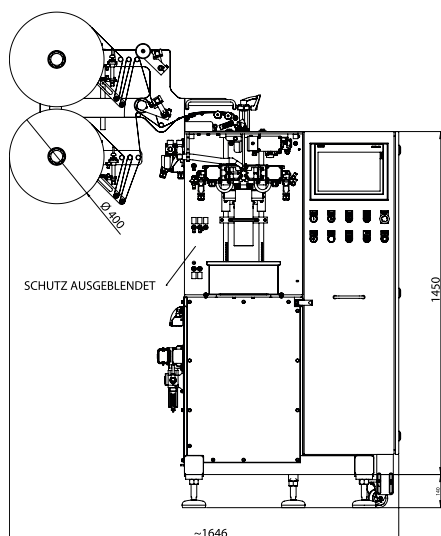
Since 1971
Made in Germany

DESCRIPTION OF OPERATION

The SBL50TD bag-making machine is a vertical, fully automatic form, fill, and seal machine designed for the production of small tubular pouches. The machine processes flexible non-woven or paper films from a flat film roll. In a sequence of individual operations, the flat film is unwound from the roll, formed into a tube during vertical transport, longitudinally sealed, filled, cross-sealed, and cut from the web. The SBL50TD bag-making machine is a 2-lane machine.

TECHNICAL DATA

Bag width standard	12 / 14
Bag length	28 – 41 mm
Filling volume per bag	0,2 – 1,2 g adjustable
Cycle rate (per minute)	0 – 100
Output bags/min	to 100
Numer of lanes	2
Diameter of film reel	max. 400 mm
Diameter of film reel core	70 / 76 mm
Sealing pressure	to 1000 N
Air connection	6 bar
Electr. connected wattage	approx. 3 kW
Voltage supply standard	400V/3/N/PE/50Hz
Protection class	IP 54
Weight	approx. 500 kg
Colour standard	Stainless steel – alu
Packaging material	Nonwoven fleece, paper foils, special foils



TECHNICAL DETAILS

- Machine made of stainless steel and aluminum
- Continuous electromechanical main drive, + pneumatic parallel sealing drive
- Sealing temperature left/right and lengthways separately adjustable
- Electrical bag counter, reset to zero possible
- Siemens PLC
- Foil monitoring (end + tear)

OPTIONS

- Sealing pressure monitoring
- Bag counter and changeover flap
- Discharge conveyor belt
- Dust collection
- Allen Bradley PLC
- Transformer for special voltage
- Box and lid supply
- Can closing unit

