



**Compact, flexible,
economical and robust:
Pouch Packaging Machine
FME 50**



Simple and perfect!

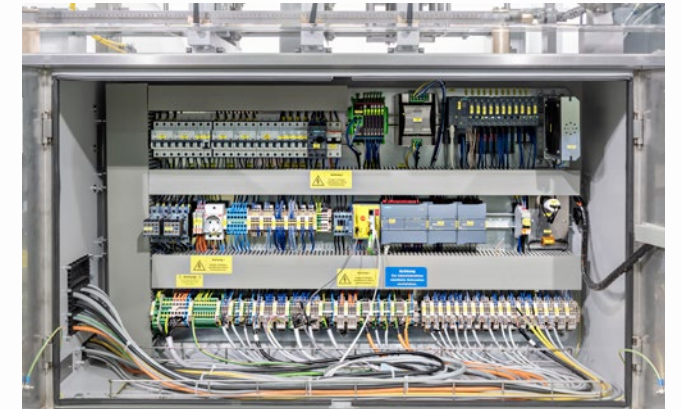
The horizontally operating form-fill-seal machine FME 50 enables a quick and easy entry into the world of flexible pouch packaging. If you mainly want to pack dry products, the FME 50 meets the highest demands with easy handling on a very small footprint.

With the proven SN technology, most pouch types, such as stand-up pouches or four-side sealed pouches, are produced from the film reel and filled on the rotary table. The insertion of resealing systems (zipper) is also possible with the SN entry-level model.

Of course, the FME 50 processes a wide range of recyclable films and this at a surprisingly low energy consumption. During operation approx. 2 kWh in the standard version translates into a low "CO₂ footprint".



Central gripper adjustment (manual)



Integrated control cabinet



A variety of possibilities.

The FME 50 is as versatile as our customers' products are in its ability to package these products gently and safely. Despite its small size, the FME 50 offers a high degree of flexibility for product packaging from a wide range of industries. And this with up to 100 cycles per minute – depending on the product and the pouch size.

With the optionally available auger dosing system, which has been specially developed for the FME 50, protein powder, cocoa powder, spices, sugar, but also chemical powders, for example, can be filled with high precision.

Scale dosing enables the precise filling of all kinds of chunky goods, such as snacks, pet food or household products. SN offers a synchronization for a multihead weigher including filling flaps and format parts. The scale itself can be ordered from SN or is provided by the customer. Special features such as product protection gassing are available, too.



SDE 10: Our solution for powdery products

From spices, herbs and ready mixes to instant products and protein powder, our SDE 10 auger dosing system offers simple, reliable and precise dosing. A stainless steel storage hopper and an infinitely variable agitator are standard features of the SDE 10. The screw dosing unit can be swivelled out for more convenient cleaning. The integrated height adjustment by handwheel also ensures reliable reproducibility for recurring product changes.

Filling flaps for filling chunky products

Chunky and solid products are available in countless variations, such as prepacked or unpacked confectionery, snacks, nuts, cereals, but even pet food and dairy products such as grated cheese or mozzarella pieces. The product drops from a dosing scale mounted above the FME 50 into the filling flaps at precisely timed intervals. These are diving into the open pouch and thus ensure optimum filling. In addition to a vibrating unit and pouch support, a product gassing unit can also be implemented.



The entry into the world of horizontal FFS pouch packaging machines.

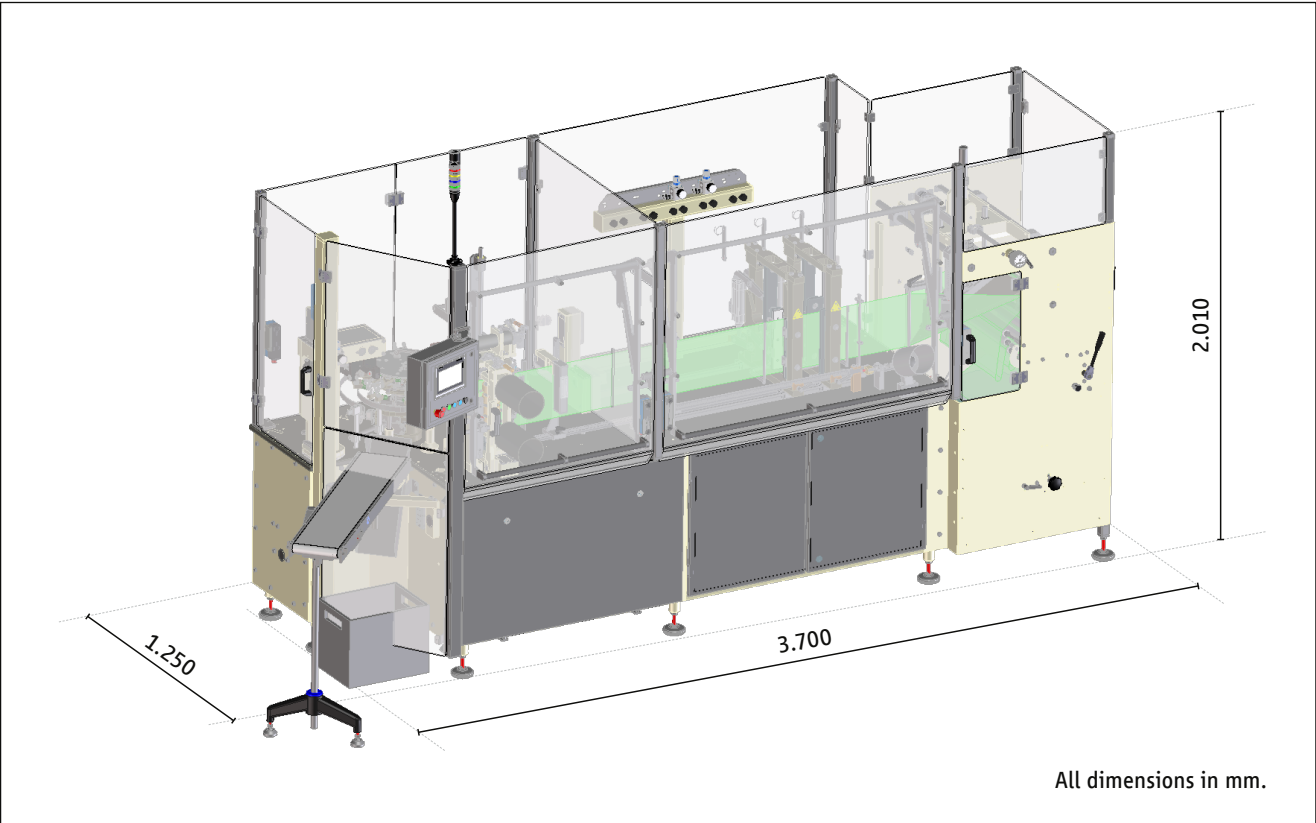
The FME 50 is unique thanks to its compactness and convinces with proven SN technology. The central pouch gripper adjustment on the rotary table and the optimized height adjustment of the folding wedge contribute to a reduction of format changeover times. This greatly simplifies operation. In addition, the new protective covering concept, including easy access to all relevant machine components, supports handling, cleaning and maintenance of the machine.

The modern pouch packaging machine with integrated control cabinet is supplied as a complete system. This reduces the time for commissioning by our technician to a maximum of one day. Alternatively, SN offers commissioning via online support. With a preset format, the FME 50 can even be used immediately after installation and connection at the production site, just "Plug & Play". This saves valuable time and money!



Highlights of the FME 50

- Robust and proven technology in a small footprint
- Easy commissioning ("Plug & Play"), reduced training hours, fast familiarization
- Durable and high-quality machine components
- Optimized access to all machine parts thanks to new enclosure concept
- Very low power consumption: ca. 2 kWh during production!
- Control cabinet integrated in the machine table
- Format change within 15 minutes
- Central pouch gripper adjustment (manual)
- Simplified folding wedge adjustment



Technical details FME 50

Specifications	FME 50
Pouch size [mm]	Width 50 - 170 Length 70 - 210
Machine output [Pouches/min.]	up to 80* (100*) * depending on filling characteristics and pouch size
Packing material	sealable film
Design	for processing dry products
Safety equipment	fulfills the international standard safety regulations e.g. CE , UL, OSHA
Power consumption in operation [kWh]	approx. 2,0 ¹⁾
Electricity supply	3 x 400/230V + N + PE, 50/60 HZ
Voltage [V]	400 / 230 / 24
Air consumption	approx. 200 - 300 NI/min., 6 bar ¹⁾
Machine dimensions L x W x H [mm]	approx. 3.700 x 1.250 x 2.010 ¹⁾

¹⁾ Depending on configuration. Technical modifications reserved.

Standard equipment

- Single sealing frames - quick and easy format changeover
- Central gripper adjustment (manual operated)
- Decentral control structure for all motion drives
- Integrated machine cabinet
- Empty pouch discharge on station 8
- Swiveling 7" touch screen
- Discharge conveyor belt 1.100 mm

Optional equipment

- Stand-up pouch equipment
- Zipper integration
- Auger doser and/or multihead scale synchronization
- Double vertical sealing and cooling
- Printer synchronization
- Preparation for dust extraction
- Swiveable top sealing for easy maintenance (further options on request)



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