



**SN Fill & Seal Machines:
Proven Technology for
your Success.**



**Uniquely customized.
Uniquely economical.**

Perfect filling and sealing of pre-made pouches: FS Technology made by SN!

SN offers a wide range of pre-made pouch filler. The machines are able to fill and seal pouches of nearly every size. Our product line of horizontal filling and sealing machines (HFS) is developed with a tough, hygienic and compact machine design. We combined the machine design with benefits of a smallest possible footprint.

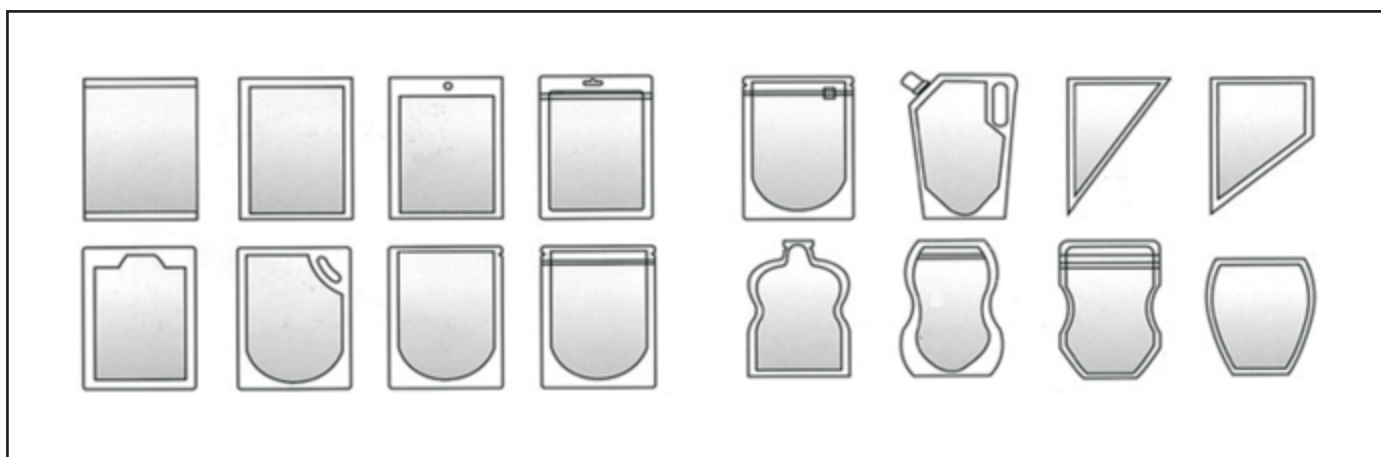
Almost every kind of products can be filled, for example granulates, liquids, pasty products, powders, soups, sauces, pet food, seeds, household and care products as well as pharmaceutical products.

The machines are easy to operate (e.g. HMI touch panel for machine visualization) and offer a high flexibility for your production standards (format change within 15 minutes). The general functions pouch transfer from magazine to rotary table, pouch opening, filling and sealing are obligatory. To satisfy every individual demand of our customers, we offer a variety of additional options.

Our HFS machines can be equipped with gas injection, steam injection, dust extraction, servo driven liquid/pasty filling pumps, ultra sonic sealing and many additional features. Every machine is available in a wash-down execution as well. A special safety equipment (optional) of the machine enables filling of easily flammable liquids.

All our machines are built according to the high SN standard and fulfill the latest EU regulation for safety, hygienic and electrical execution. Product touching parts are made of stainless steel 316.

SN machines grant a reliable function for long time and all production environments.



Our FS machines are able to handle stand-up pouches with zipper or corner spout, side gusset pouches, contour pouches and pouches with an extraordinary design.

Hot and cold filling of sauces

Sauces and soups are able to fill hygienically in hot or cold condition in stand-up pouches with or without spout. A format change is easily possible at anytime by using the exchange segments and central adjustment.



Duplex filling of sauces



Pouch transfer



Filling of screen wash into stand-up pouches with corner spout



Pouch filling with powder and measuring spoon



Pouch examples



Highlights

- Solid and proven technology on smallest footprint
- Hygienic design and easy cleaning
- Operation and machine status via touch-screen
- Long life and high quality machine components
- Dosing equipment: Slide doser, auger doser, scales, micro doser for smallest volumes, dosing pumps, seed dosing equipment and many different dosing units for individual solutions
- Format change without format parts in less than 15 minutes
- Central motor driven adjustment of pouch gripping units
- Peripheral units can be easily integrated

Overview SIMPLEX Machines

machine	stations	max. pouch width [mm]	max. pouch length [mm]	max. pouches per minute*
FS 624	6	240	350	45
FS 632	6	320	350	45
FS 640	6	400	350	40
FS 824	8	240	350	45
FS 830	8	300	425	45
FS 835	8	350	425	35
FS 840	8	400	425	30
FS 924	9	240	350	45
FS 1024	10	240	350	45

* depending on filling characteristics and pouch size

Overview DUPLEX Machines

machine	stations	max. pouch width [mm]	max. pouch length [mm]	max. pouches per minute*
FS 6 D 24	6	240	350	80
FS 8 D 11	8	110	350	90
FS 8 D 14	8	140	350	90
FS 8 D 16	8	160	350	90
FS 9 D 11	9	110	350	90
FS 9 D 16	9	160	350	90
FS 10 D 11	10	110	350	90
FS 10 D 14	10	140	350	90

* depending on filling characteristics and pouch size

Standard Equipment

Pouch magazine

Pouch control (no pouch – no filling)

Operation via touch-screen

Deflation of pouches before sealing

Independent PID control of each heating

PLC Siemens

Teleservice with the Siemens PLC

Festo pneumatic components

Optional Equipment

Wash down execution

ATEX version

Ultrasonic sealing

Reclosure systems

Nitrogen gassing

Further details on request



German Pouch-Pack Technology: Unlimited reliability.



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