



**Pouch packaging.  
New perspectives for  
your marketing.**



German  
Pouch-Pack  
Technology

Uniquely customized.  
Uniquely economical.



**Form, fill and seal.  
Anything you can  
imagine is doable.**

Food, beverages, pet food, seeds, household products, cosmetics and pharmaceuticals – SN is the ideal partner for all questions related to economical pouch packaging.

SN German Pouch-Pack Technology offers a worldwide unique high innovative technology in three different areas: pouch making machines (PM), horizontal filling and sealing machines (FS) and horizontal forming, filling and sealing machines (FFS) for a wide range of products, packaging formats and output. Consultation, development, production and service – SN combines fifty years of experience in the industry from five German companies. The result is high technology made in Germany, used by the most renowned companies around the world.



**Food in a pouch.  
Taste, shelf-life and  
protection in all  
varieties.**

A pouch is the ideal way of packing food: it offers a safe way of packing, a variety of forms and designs and materials which are compatible with the product and friendly to the environment. Furthermore, pouches are light, easy to transport, non-breakable and resealable.

Of course, just as with other ways of packaging, hygiene is most important during the process of filling. With this in mind, SN has improved its proven technology even further and developed the new FFS machine FMH 80 in hygienic design. Smooth surfaces and the separation of all areas which are hygienically relevant make it very easy to keep the machine perfectly clean.

The FMH 80 in hygienic design meets all international hygienic standards. A reduced amount of oxygen in the pouch leads to an extended shelf-life.

Any type of dry or wet food – also in combination – can be filled with the new FMH 80. The machine is compatible with all classic and special dosing systems. Partly automated format change overs help reduce change over times considerably and enhance repeat accuracy. The machine is capable of producing 50 - 600 pouches per minute.



FMH 80 in hygienic design for dry and wet food in all possible variations.





## Pet food in a pouch. Every pet will love you!

If the pet is happy with its food, then its person is happy, too. To create repeated and continuous happiness with both – the pet and its owner – the pet food has to be packed perfectly. FS and FFS machines from SN are made for this. Wet and dry food can be packed at a speed up to an output of 600 pouches/minute. The pouches for wet food are stable enough to be sterilized in an autoclave afterwards.

The FS and FFS machines from SN are characterized by their great flexibility in formats. All dosing systems which are typically used in this field of industry can be combined and all of the established pouch formats can be run on the machines. The integration of resealing-systems (zipper, slider or velcro) is easily possible.



FM 200: Also for pet food pouches in all standard formats.

## Seeds in a pouch. A potpourri of colors, shapes and sizes.

With SN machines you are able to pack seeds both in traditional and innovative pouches, completely depending on your preference and the market requirements. The current portfolio includes five basic machine types which can be combined among one another and with related accessories depending on your needs.

The sealing machine FB is ideal for producing germ-proof packages. With the machine series MK germ-proof packages are inserted in pre-manufactured paper pouches. And with our machine series FM you can produce and handle not only traditional pouches but also stand-up, contour and twin-pouches. When both machines are combined anything you can imagine is possible. One new topic are special solutions in the field of pouch marking for those pouches with frequently changing contents.

All dosing devices are developed further in a continuous manner with the focus on maximum precision and most gentle handling of the single grain. All dosing aggregates are available as mobile units and can be utilized either as stand-alone component or as exchangeable dosing device on various machines. All FM machines can be equipped with any of the advanced SN dosing devices.



FBV-MK: Configure seed pouches individually.





On the new machine SF 400 the beverage is filled into a pre-made pouch through the spout. This is a clean, quick and precise process. Smooth surfaces and the separation of all areas which are hygienically relevant make it very easy to keep the machine perfectly clean. All international hygiene standards can be met.

## Beverages in a pouch. Thirst for new ways of packaging.

In whichever shape you wish to pack your beverage product: the technology of SN machines make it possible. The pouch can be die-cut in any conceivable shape in order to create a way of packaging which suits the product, transports your corporate design and to simply make it look more attractive. The insertion of spouts is the second key factor: the easy and clean handling of the product in any daily situation is a great advantage of pouches. On SN machines all spout variations can be realized. Both conventional hot-filling and ULTRA-CLEAN applications are possible.

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SF 400 for all spouts and all shape variants.



LMS 124: ULTRA-CLEAN for all cold and hot fillings.



## Everyday products in a pouch. Give your product image a shiny polish.

Personal hygiene, cosmetics, pharma, household – the requirements for pouch packaging in these lines of industry are as versatile as the special machine portfolio from SN. For example, the LBV machine for bag-on-valve pouches, an extremely hygienic and fail-safe way of packaging for shaving gel. Or especially developed “pick-and-place” robots which are programmed to handle a specific product infeed.

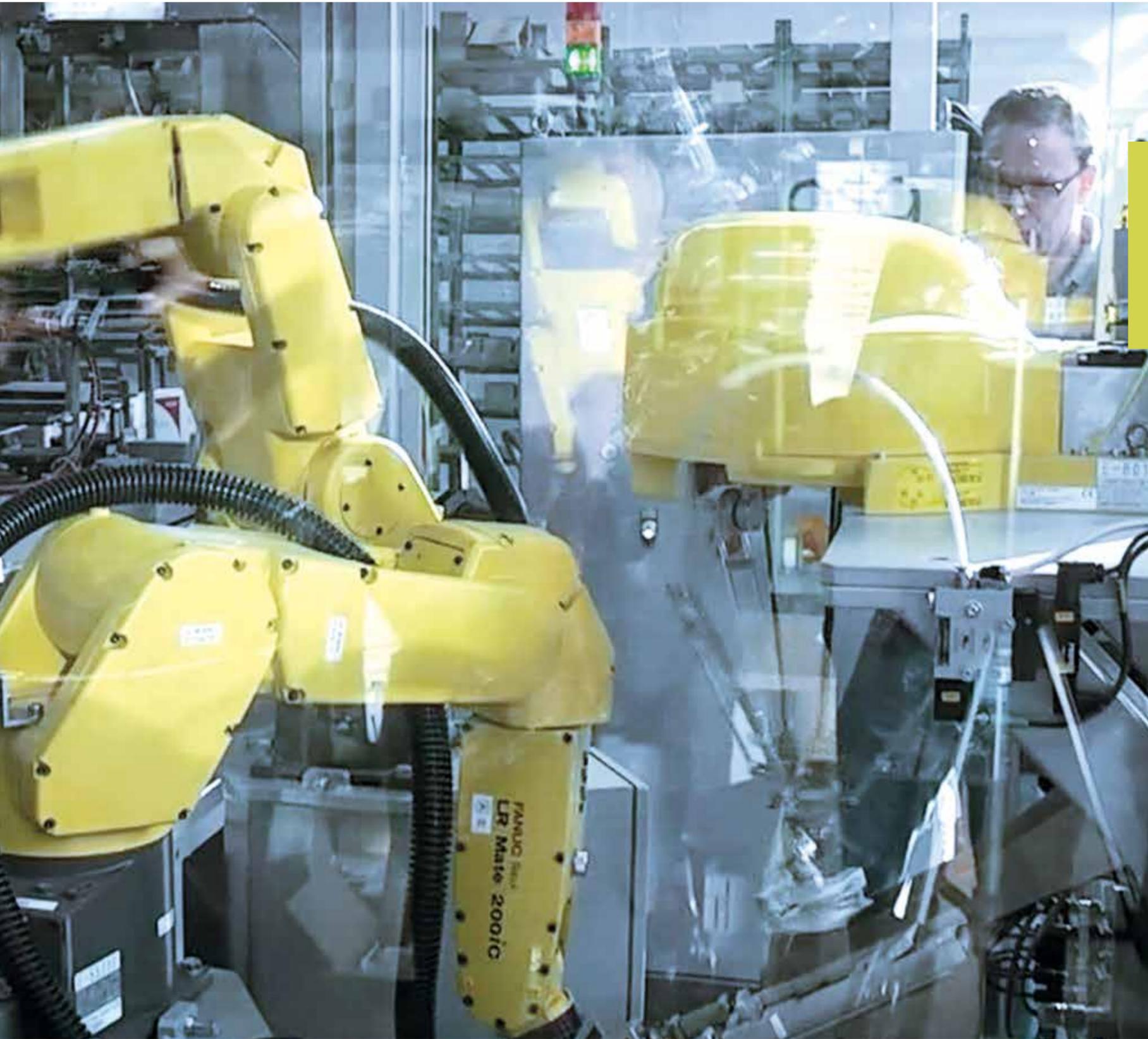
Machines in areas which are at risk of explosion are manufactured in accordance to the ATEX guidelines. For pharma and cosmetic products SN offers machines suitable for the special hygienic requirements and, if needed, a complete line validation. The integration and combination of different printers, e.g. laser, inkjet, thermo transfer, and labelers as marking systems is possible with all of the special machines.

Whatever product you are looking to pack efficiently – SN technology will work for you.



Bag-on-valve pouch-packaging machines for industrial packaging.





**SN technology concept. Radical reduction of packaging costs.**

At the SN Technology Center in Wipperfürth, near Cologne, best qualified specialists are working on a floorspace of 7,500 square meters to reduce your packaging costs radically and to fulfill every of your packaging ideas.

What characterizes the SN team are the same qualities that have made the term "Made in Germany" a global signifier of quality: innovation, hard work, precision, reliability and a high level of commitment. SN follows the "short distance" principle and believes in flat hierarchies. Responsible teams involved in development, construction, production, sales and service work hand in hand, thus guaranteeing personalized customer service, a smooth workflow, short delivery times and a high "return on investment".



Consulting. At SN the solution starts with listening.



Development and construction. SN turns the conceivable into the doable.



Production, reliability and an extraordinary long live cycle are standard at SN.



Service. As reliable as the SN technology.



## German Pouch Technology: Unlimited reliability



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