

With the series „SN Product Information“ we provide information about special projects and present interesting news about the company SN. Your ideas and suggestions are always very welcome.

FBM 20 in action: Filling of sauces at Bempflinger Lebensmittel GmbH

The medium-sized company Bempflinger Lebensmittel GmbH is an innovative manufacturer of trademarks and own brands for the food industry, discounter and large-scale consumer. Among being supplier of leading national and international brands, they are specialized in development customized products. The product range goes from ready-mix soups and sauces, pasta-convenience food and fruit products. Bempflinger Lebensmittel GmbH is distinguished itself for high quality, lean processes and dynamic.

Bempflinger Lebensmittel GmbH has decided on flexible packaging early in the past and has used pouch fillers from SN from the beginning. Last FFS packaging machine was put into operation in 2017. As usual the machine is tailor made for customer Bempflinger Lebensmittel GmbH.



To handle customer's the high quality and hygienic regulations the FBM 20 is built in stainless steel for wet application. Dosing is done by a cleaning in place (CIP) capable pump which fills products with or without solid pieces. Moreover, Bempflinger are using SN machines to produce pouches with contour or pouches with corner spouts. In total Bempflinger Lebensmittel GmbH uses three machines from SN Maschinenbau GmbH. With the stand-up pouches in various execution they are able to have an optimal product presentation at the Point of Sale.



LMS 124 in action: Ehrmann quality in the pouch

The international positioned family-owned enterprise Ehrmann is one of the leading dairies with nearly 100 years history. They are known for high quality, naturalness and tradition. For manufacturing, special emphasis is placed on best raw materials, modern processing and comprehensive monitoring. Ehrmann has state of the art production facilities with current proactive maintenance and periodical renovation.

The awarded MONSTER BACKE fruit curd and all favored ALMIGHURT jogurt sorts have been available as a stand-up pouch with center spout for a long time. SN Maschinenbau GmbH was especially proud in providing Ehrmann as the first german dairy with a pouch filler in SN ULTRA CLEAN execution. That execution is FDA, USDA and 3A dairy certified and satisfy to all international requirements for filling of fresh and liquid dairy products. Meanwhile Ehrmann Group is using three SN ULTRA-CLEAN machines.



In 2017 the most powerful LMS 124 SN machine was installed at the facility in Oberschonegg (Germany). It is a quattro machine with the total capacity of 13.200 pouches per hour.





Besides precise filling and high speed the sterility and storage life are the major challenges when filling fresh, liquid dairy products into pouches. This is where SN's concept is convincing. On meanwhile three SN Ultra Clean FFS machines of the LMS series achieved Ehrmann today has a product shelf life of 60 days.

With the series of the LMS 124 we serve the top segment of FFS high performance machines for filling of single serve pouches with spout. It does not matter if you need center or corner spouts, or radiuses or shaped pouches. The LMS machine is modular, flexible and offers many options.

The automatic hydrogen-peroxide sterilization is integrated in the pouch making process and ensures sterility of the film and spouts. In combination with the state-of-the-art clean-room technology and a dosing system which was developed for aseptic filling, the entire filling process remains clean all time. High value was set at a design to achieve simple cleaning and maintenance: All machine parts, including the filling area, can be cleaned and sterilized without dismantling.

SN ULTRA-CLEAN Technology Highlights

- Certified according to USDA 3A sanitary standards 23-06
- Hydrogen peroxide sterilization insures sterility of pouch material and spouts
- Sterile air filter and laminar flow keeps the filling environment clean
- CIP and SIP capable dosing fillers allow for a hygienic process
- Increased production cycles of 72 hours
- Increased shelf-life of your products 60 days in the cool chain





SN in growth

The globally increasing demand for flexible packaging, especially for our major segments stand-up pouches and single serve pouches with spout, lead to continuous growth with SN German Pouch Pack Technology. Answering this positive development SN acquired adjoining properties already in 2015 so that 6000 m² are readily available for local expansion.

In a first step new offices were built to accommodate the expanding departments Project Management and Shipping Department. Now both departments are located much closer to the manufacturing section.

Continuous growth also requires adjustments in organizational processes and management structures. In this context SN



newly installed the position of the **Operations Manager**. We are happy to announce that Mr. **Johannes Geiser** has taken on this position.

Mr. Geiser started at SN in 2013 as design engineer and has since acquired deep insight in all relevant technical areas of the company, especially through his latest position as

Head of Project Management. Already now, Mr. Geiser's positive influence in his new position has shown through remarkable improvements in the "Supply-Chain-Management".

Your SN representation:

2018 present worldwide

