

MEATINGPOINT

magazine

SUSTAINABLE TECHNOLOGY, PROCESSING & PACKAGING

PROTEIN: A JOURNEY TO A NEW REALITY



HOW TO MAKE THE MOST
OUT OF EXHIBITING AT A
TRADE SHOW

BESPOKE
MEAT PRODUCTS
TAILORED FOR YOU

PROSUR - YOUR BEST
SOLUTION TO PRODUCE
NATURAL FOOD PRODUCTS

THERMAL TREATMENT

THE GLOBAL MARKET LEADER TAKES THE LEAD

FESSMANN is currently convincing with the latest generation of its tried-and-tested systems for smoking, cooking, baking and cooling of foods. The global market leader in the area of hot smoking is highly successful in the area of crafts, as well as industrial food production. The company has ambitious plans for the future in particular in the area of fully automated production.

FESSMANN has existed since 1924 and has since been known for systems for the thermal treatment of foods in best quality. Over the last 90 years, they have been continually improved and adjusted to the requirements of modern food production. "The outstanding work of our development department has kept our systems at the latest technical status throughout," explains Hans Heppner, sales manager at FESSMANN. "This way, we ensure that our own demands are met: If you choose FESSMANN, you will get the best system on the market!" This assessment is shared by most of the industry: Fessmann is currently holding the "Best Image" award of



dfv media group in the area of crafts (last awarded in 2015), for which a survey was conducted among more than 300 meat-processing operations. This success is likely mainly due to the universal system T3000, the "classic" from FESSMANN.

The T3000 by FESSMANN is one of

the most successful universal systems around the world. The Turbomat permits everything from drying and roasting of the goods, to cooking, smoking and cooling processes, in a single machine. The system, made completely of stainless steel, convinces with high-quality processing and fastest drying times. The particularly high and flexible volume flows of approx. 5,200 m³/h per trolley station permits up to 26 complete air volume cycles in the system per minute. For gentle treatment of products with a low air output, the fan speed can be smoothly adjusted by the serial frequency inverter. The FESSMANN TRIPLEX insulation guarantees for best energy efficiency. Its special combination of high-temperature insulation plates, PU-foam and stainless steel reduces the U-value (heat transition coefficient) of the system walls and ceiling to 0.36! For comparison: When insulating with rock wool, only an U-value of 0.64 is reached. Without insulation, it is 12.81!





FESSMANN is thinking even further for the future. "We want to continue to expand our leading position in particular in the area of fully automated production," says Hans Heppner. In particular the coming year of

2018 will be decisive for this. It is to see the introduction of several new products. Whether this will maintain the innovation leadership position in the industry or not will become evident at the upcoming trade fairs – at the latest at IFFA 2019. The company doubtlessly has the potential for it, though.

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The default package of the T3000 includes an automated cleaning unit; on demand, an additional air conditioning package can be installed for optimised maturing processes.

FESSMANN holds a leading position not only in crafts, but also in the industry segment. In addition to systems for industrial batch production, either manually loaded or as semi-automatic solutions with pneumatic transport systems, the company offers a fully automated line in the TF4000 as well! The TF4000 is the company's flagship that permits continuous production of goods in premium quality. The system is made up of individually controllable chamber parts that are coordinated with each customer's specific products. The serpentine chain routing not only makes the goods particularly even, but also keeps the system's space demand down to 25 % of that of batch systems.

"Due to increasing wage costs, automation of production processes is an important subject for many manufacturers around the world," says Hans Heppner when interviewed. "Our great experience in this area often makes us the first point of contact. We can help producers develop the ideal concept for their products." The great flexibility pays off: Many customers return to expand their capacities later. Some manufacturers are running up to five continuous lines by now.