



PACK EXPO International 2016

Bosch's latest hygienic solutions for frozen foods

Strengthen your food safety standards with washdown systems

August 2016

PI 9347JG

- ▶ Highly efficient packaging system for gentle handling of frozen foods
- ▶ Three cleaning methods available to match individual demands
- ▶ Bosch's experts present at the PACK EXPO booth S-3514 for consultation on hygienic design

Chicago, United States – At PACK EXPO International 2016, Bosch Packaging Technology will showcase its latest hygienically designed horizontal and vertical solutions for the frozen foods industry. The integrated hygienic concept ranges from gentle product distribution and feeding, through to horizontal flow wrapping and cartoning. Also on display will be the SVC 2620, Bosch's vertical form, fill and seal (VFFS) machine, ideal for the packaging of free-flowing frozen goods. The solutions were engineered to address increasing demand for hygienic packaging equipment across the U.S.

“With strict food safety regulations and growing consumer awareness towards product impurities and allergens, manufacturers are under increasing pressure to safeguard production against contaminants,” says Fabian Manger, product manager at Bosch Packaging Technology. “Hygienic design is often common sense, which - as we know - is not that common after all. Bosch solutions for the frozen foods industry feature stainless steel as well as proven and FDA compliant materials. Sloped surfaces, open construction and minimized contact areas prevent contamination. Bosch's years of engineering and technical expertise mean that we have been able to create solutions that not only match current regulation standards, but exceed them.”

High-speed complete packaging system

The design of the horizontal frozen foods packaging system is carefully thought through. It consists of a feeding system combined with a Sigpack HBM horizontal



flow wrapper and Bosch's flexible Sigpack TTM cartoner. All components feature the latest hygienic design standards. Depending on customer requirements, the system components are capable of handling common cleaning methods ranging from easy wipedown to a full washdown of the Sigpack HBM flow wrapper.

The frozen foods system's continuous product flow is guaranteed by the new Sigpack DCIE indirect distribution station and a feeding system transporting the products gently at high speeds. It is made for easy and fast belt, roller and scrapper exchange, while the double-pull-nose system ensures contactless handling of delicate products such as ice cream. Bosch also offers a second format set with a format parts carriage, which allows for one set to be cleaned while the second set is in use.

The robustly designed Sigpack HBM horizontal flow wrapper features a sealed electrical cabinet to protect drives. It is available with either cold or heat sealing and with an automatic splicer to guarantee high speeds of up to 600 products per minute. The Sigpack TTM cartoner, which is available with increased hygienic standards for frozen food production areas, is known for its efficient and reliable performance as well as its open design to allow for easy access and cleaning. Its patented format change concept enables easy and tool-less changeovers of pack styles and formats within a few minutes. The vertical restart takes place with no additional time required for supplementary fine adjustments.

State-of-the-art hygienic design

For producers of free-flowing frozen goods, such as chicken, French fries, fruit and vegetables, Bosch will showcase its SVC 2620 VFFS machine providing a hygienic platform for producers, protecting product packaging from potential contaminants. To meet individual production standards and demands, the SVC 2620 features three cleaning options, from dry wipedown, low-pressure right through to high-pressure with cleaning agents.

Furthermore, the continuous motion machine is designed for high uptime, easy set-up, operation and maintenance. Changing bags and vacuum belts – as well as other adjustments – are quick and require no tools, thus reducing downtime. Bag style flexibility allows frozen foods manufacturers to choose from pillow, block bottom, gusseted and corner seal pack styles with various reclose and easy opening features in widths of up to 260 millimeters. Manufacturers can also select their desired sealing technology, including poly heat seal (PHS), heat seal (HS), and ultrasonic seal. Total Preventive Maintenance (TPM) has been incorporated in the basic design philosophy, so producers are reassured that their production will continuously run at highest efficiency.



BOSCH

Thought through engineering concepts, high quality materials and gentle product handling – combined with years of experience in designing and realizing packaging solutions – creates an efficient packaging process with minimum downtime, maximum output and high product safety for all kinds of frozen foods.

Bosch experts will be at the booth to help navigate visitors through how to comply with food safety regulations and the various cleaning alternatives they offer to do so.

To learn more about the solutions and attend live demonstrations, visit Bosch at PACK EXPO International in Chicago, Illinois, from November 6 to 9, 2016, South Hall, booth S-3514.

Press photo: 1-PA-452284, 1-PA-452285

Contact:

Jana Ujevic
phone: + 1 715 243-2503

Contact person for press inquiries:

Jela Grubesa
phone: +49 711 811-58507

Based in Waiblingen near Stuttgart, Germany, and employing 6,200 associates, the Bosch Packaging Technology division is one of the leading suppliers of process and packaging technology. At over 30 locations in more than 15 countries worldwide, a highly-qualified workforce develops and produces complete solutions for the pharmaceuticals, food, and confectionery industries. These solutions are complemented by a comprehensive after-sales service portfolio. A global service and sales network provides customers with local points of contact. Additional information is available online at www.boschpackaging.com

Having established a regional presence in 1906 in North America, the Bosch Group employs some 31,000 associates in more than 100 locations, as of December 31, 2015. In 2015, Bosch generated consolidated sales of \$14 billion in the U.S., Canada and Mexico. For more information, visit www.boschusa.com, www.bosch.com.mx and www.bosch.ca.

The Bosch Group is a leading global supplier of technology and services. It employs roughly 375,000 associates worldwide (as of December 31, 2015). The company generated sales of 70.6 billion euros in 2015. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiaries and regional companies in some 60 countries. Including sales and service partners, Bosch's global manufacturing and sales network covers some 150 countries. The basis for the company's future growth is its innovative strength. Bosch employs 55,800 associates in research and development at 118 locations across the globe. The Bosch Group's strategic objective is to deliver innovations for a connected life. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life."

Additional information is available online at www.bosch.com, www.bosch-press.com, twitter.com/BoschPresse