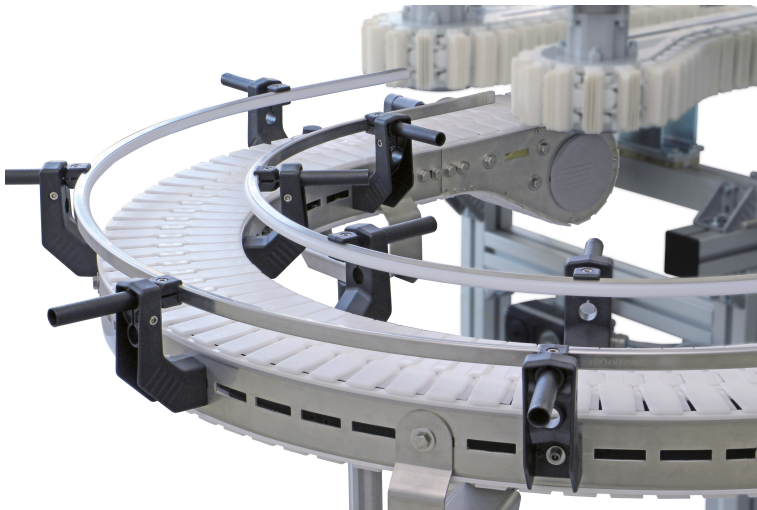


PRESS INFORMATION

Quickly to an individual transport solution

Manuela Kessler | 07.05.2026 | Lohr am Main / Germany | PI 020/26

Zott chooses Bosch Rexroth's VarioFlow plus chain conveyor system for new mozzarella packaging line



VarioFlow plus chain conveyor system from Bosch Rexroth with a stainless steel lateral guide (Image source: Bosch Rexroth AG)

Quality, productivity, and future-proofing were key criteria for the manufacturer Zott when designing its new conveyor system for mozzarella packaging. For the design, installation, and implementation, the company relied on the expertise of Bosch Rexroth and Rexroth Certified Excellence Partner HELDELE.

The demands of the food industry are constantly increasing. In this highly competitive and price-sensitive market, hygiene, reliability, and flexibility are essential for meeting expectations regarding production volume and product quality. It is also frequently necessary to upgrade or retrofit existing plants to meet these criteria.

After a comprehensive evaluation, Zott selected the VarioFlow plus chain conveyor system from Bosch Rexroth, featuring stainless steel components, for a new conveyor line for mozzarella packaging. Key factors for this decision were product advantages such as its hygienic design, as well as its flexibility, efficiency, and reliability. The experience of system integrator and Rexroth Certified Excellence Partner HELDELE Mechatronik GmbH was also a decisive factor.

With its new chain conveyor system, Zott reliably meets hygiene requirements: The chain and sliding rails comply with the requirements of FDA/CFR 21 (Title 21 of the Code of Federal Regulations of the U.S. Food and Drug Administration). Ball bearings, returns, and curve wheels are made of stainless steel, sealed on both sides, and filled with NSF-H1 grease.

The reduced cleaning requirements and lower wear help lower operating costs. Users also benefit from a smooth material flow as well as easy system operation and maintenance. In addition, HELDELE served as an experienced partner, designing and manufacturing the complete lateral guides for the VarioFlow chain as custom stainless steel components.

Thanks to universal drive units that allow for flexible motor mounting, the company did not need to make any spatial modifications. Space-saving, patented, low-friction roller curves enable the creation of very long conveyance routes. They also reduce energy consumption. The modularity and flexibility of the system solution allow for future adjustments and expansions without any issues.

The long-standing partnership between Bosch Rexroth and HELDELE paid off in the design and assembly of the system. Thanks to their well-established cooperation, implementation took only

PRESS INFORMATION

a few days and was carried out during a planned production shutdown to impair the ongoing operation as little as possible.

Basic Information Bosch Rexroth

As one of the world's leading suppliers of drive and control technologies, Bosch Rexroth ensures efficient, powerful and safe movement in machines and systems of any size. The company bundles global application experience in the market segments of Mobile and Industrial Applications as well as Factory Automation. With its intelligent components, customized system solutions, engineering and services, Bosch Rexroth is creating the necessary environment for fully connected applications. Bosch Rexroth offers its customers hydraulics, electric drive and control technology, gear technology and linear motion and assembly technology, including software and interfaces to the Internet of Things. With locations in over 80 countries, around 31,900 associates generated sales revenue of 6.5 billion euros in 2025.

Basic Information Bosch

The Bosch Group is a leading global supplier of technology and services. It employs roughly 413,000 associates worldwide (as of December 31, 2025). The company generated sales of 91 billion euros in 2025. Its operations are divided into four business sectors: Mobility, Industrial Technology, Consumer Goods, and Energy and Building Technology. With its business activities, the company aims to use technology to help shape universal trends such as automation, digitalization, electrification, and artificial intelligence. In this context, Bosch's broad diversification across regions and industries strengthens its innovativeness and robustness. Bosch uses its proven expertise in hardware, software, and services to offer customers cross-domain solutions from a single source. It also applies its expertise in connectivity and artificial intelligence in order to develop and manufacture intelligent, user-friendly, and sustainable products. With technology that is "Invented for life," Bosch wants to help improve quality of life and conserve natural resources. The Bosch Group comprises Robert Bosch GmbH and its roughly 500 subsidiary and regional companies in over 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. Bosch's innovative strength is key to the company's further development. Bosch employs some 82,000 associates in research and development.

Press Contact

Please get in touch with our Press Contact



Manuela Kessler

Spokesperson
technology topics
+49 9352 184145

Manuela.Kessler@boschrexroth.de