

PRESS INFORMATION

Efficient material flow in the production of tissue paper

Manuela Kessler | 07.05.2026 | Lohr am Main / Germany | PI 018/26

The VarioFlow plus chain conveyor system reduces the need for maintenance and increases reliability



The modular VarioFlow plus chain conveyor system enables the efficient transport of paper rolls between different production steps. (image source: Eurovast)

Eurovast is upgrading the production of tissue paper at its Pescia, Italy site from a traditional line to a highly automated production plant. The VarioFlow plus chain conveyor system from Bosch Rexroth enables flexible transport of the packaged products in the plant.

Eurovast, a leading company in the production of tissue paper, is working with Bosch Rexroth to optimize its production facilities. The initial goal was to implement a highly automated solution that enables continuous production with reduced machine downtimes.

Fully automated process

According to Saverio Capiferri, Operations Manager at Eurovast, the production process is based on an end-to-end automation line that can be monitored by operators without direct manual intervention. As soon as the machine is loaded with a huge roll of base paper, a fully automatic process starts, which ends with the palletizing of the end products.

The fully automatic process is divided into three main steps: unwinding the rolls and feeding the primary and secondary packaging. In order to ensure continuous production in 24-hour operation, the reliability of the machines is crucial.

Rexroth technology in use

Bosch Rexroth supplied an advanced material flow solution to the Pescia production site. The modular VarioFlow plus chain conveyor system allows the paper rolls and packaging units to be transported efficiently between the various production steps. Thanks to a specially developed software solution, the material flow can be adapted as required. This ensures maximum flexibility and enables optimized workflows.

One of the most innovative aspects of the conveyor system is that it can also be adapted to complex production processes. The paper rolls can, for example, be fed to different packaging machines as required. The material flow between the various processing phases is ensured. The solution also reduced the risk of failure. The system is less susceptible to dust absorption – one of the main causes of wear in the paper industry. By reducing friction and optimizing the number of drives, energy consumption was also significantly reduced.

According to Simone Ghilarducci, project manager at Eurovast, the decision for the VarioFlow plus chain conveyor system was the best choice strategically. Reducing wear and optimizing the number of transport sections with their own drive helped lower operating costs and improve the overall efficiency of the production plant. "We would therefore like to continue to work with Bosch Rexroth in the future in the field of automation," adds Capiferri.

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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.

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