

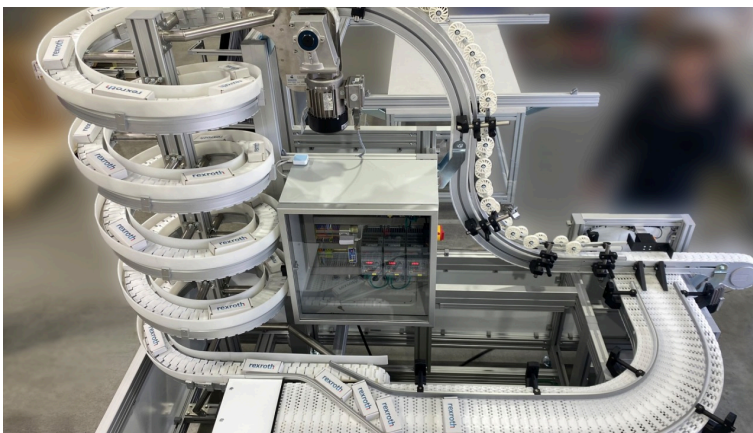
PRESS INFORMATION

Compact spiral transport system for the economical transport of goods

Manuela Kessler | 04/05/2023 | Lohr am Main / Germany | PI 026/23

At interpack 2023, Bosch Rexroth presents an integrated, compact transport solution for vertical and horizontal product transport

- Vertical and horizontal product transport and buffer storage
- End-to-end system with low maintenance and commissioning costs
- Efficient planning with the MTpro engineering tool



At interpack 2023, Bosch Rexroth will present a spiral transport system based on components of the VarioFlow chain conveyor system. (Image source: Bosch Rexroth AG)

Products have to be packaged ever faster and at lower cost. Individualized products and small batch sizes require a high degree of flexibility. In addition, space is often a scarce commodity in production. With the VarioFlow plus chain conveyor system, Bosch Rexroth supplies an essential component for flexible and economical transport within a plant. It conveys packed and unpacked goods vertically and horizontally in the smallest possible space. Together with the spiral transport system from smartPac Srl, this results in a continuous transport system with low commissioning and maintenance costs.

Modular solutions for material flow such as the VarioFlow plus chain conveyor system can be adapted to a wide variety of specifications. Users can also make adjustments on site in production. Products are safely transported, distributed and brought together with the solution. The chain conveyor system also transports different types of packaging in all packaging stages in the tightest of spaces and with minimal friction, safely, quickly and without disruption. The modular system allows a wide range of combination options. The comprehensive product range includes versions made of aluminum and stainless steel as well as FDA-compliant materials.

Spiral transport system for space-saving goods transport

The spiral transport system from smartPac Srl is based on components from the VarioFlow modular system and thus offers an integrated system solution for the space-saving and efficient transport of goods. It enables vertical product transport and serves as a buffer store in the

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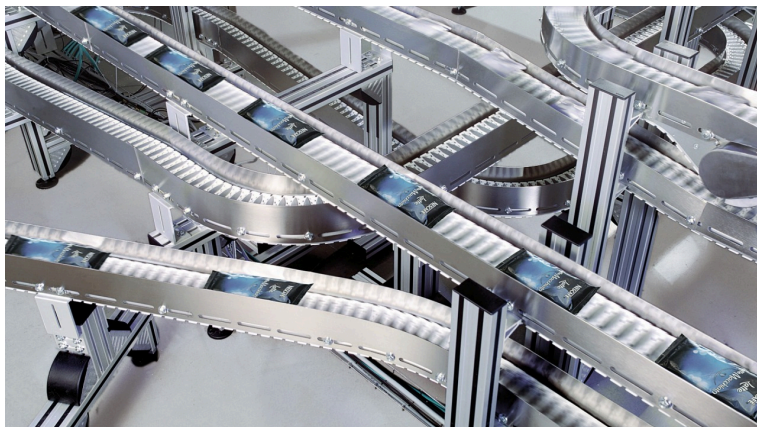
smallest possible space. The spiral transport system offers chain widths between 80 and 320 mm and can overcome height differences of up to 3000 mm between infeed and discharge. Depending on the product to be conveyed, inclines of 5 to 12 ° and speeds of 5 to 60 m/min are possible. Users can commission and maintain it with little effort and at low cost.

"We chose the VarioFlow components because of their quality and adaptability to our spiral transport system," summarizes Sandro Turbine, sales manager at smartPac. "Together with Bosch Rexroth, we thus offer our customers the best components and solution system." The Italian smartPac Srl has been a partner company for many years and is now also a certified Certified Excellence (CE) Partner of Bosch Rexroth.

Local expertise: the Bosch Rexroth partner network

As local contacts, CE partners offer quickly available products and comprehensive service, including engineering services. They combine the stability and competence of a large company with the flexibility and agility of medium-sized companies, directly in the vicinity of the users. The CE partner network comprises the three partner types Distribution, Service and Solution and is being continuously expanded.

Bosch Rexroth will present the spiral transport system based on components of the VarioFlow chain conveyor system at interpack 2023: Hall 6, Booth A42



Space-saving and cost-effective transport of consumer goods (Image source: Bosch Rexroth AG)

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The spiral transport system from smartPac Srl is based on components from the VarioFlow modular system and thus offers a consistent system solution for the space-saving and efficient transport of goods. (Image source: Bosch Rexroth AG)

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 more than 32,000 associates generated sales revenue of around 7.0 billion euros in 2022.

Basic Information Bosch

The Bosch Group is a leading global supplier of technology and services. It employs roughly 421,000 associates worldwide (as of December 31, 2022). The company generated sales of 88.2 billion euros in 2022. Its operations are divided into four business sectors: Mobility, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT provider, Bosch offers innovative solutions for smart homes, Industry 4.0, and connected mobility. Bosch is pursuing a vision of mobility that is sustainable, safe, and exciting. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to facilitate connected living with products and solutions that either contain artificial intelligence (AI) or have been developed or manufactured with its help. 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." The Bosch Group comprises Robert Bosch GmbH and its roughly 470 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. With its more than 400 locations worldwide, the Bosch Group has been carbon neutral since the first quarter of 2020. The basis for the company's future growth is its innovative strength. At 136 locations across the globe, Bosch employs some 85,500 associates in research and development, of which nearly 44,000 are software engineers.

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