

## Press release

### Low-noise conveyor system with fast assembly

Save time and money with Rexroth's flexible VarioFlow *plus* system

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The new Rexroth VarioFlow *plus* chain conveyor system offers advancements in simplicity, flexibility, and quiet operation.

**Future-proof production, assembly, and packaging lines must be able to deal with ever smaller batches, more frequent product changes, and a large number of product variants. Chain conveyor systems used in production therefore have to be easy to configure and assemble. Fast response times and time-to-market provide a major competitive edge for machine manufacturers and users. Low-noise operation is also crucial for this type of system. Rexroth's new VarioFlow *plus* chain conveyor system fulfills all of these requirements, supporting both manufacturers and users.**

VarioFlow *plus* is ideal for achieving a fast time-to-market. With the Rexroth chain conveyor system, users can easily configure individual, space-saving solutions for versatile, complex transportation tasks, even for particularly difficult environments.

A number of standardized modules cover differing application requirements are available, all from stock and with maximum interchangeability and modularity. To simplify selection and correct combination of the modules, Rexroth offers MTpro planning software with Layout Designer. Conveyors and even complex multi-conveyor and workstation systems can be designed,

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components selected, and the results output to CAD.

Even more valuable time can be saved during commissioning: the clever drive solution provides a great degree of planning freedom: the motor mounting position can be chosen on-site. This reduces the selection of drive variants to a minimum.

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With its low-noise operation, the new chain conveyor system contributes greatly to reduced noise and thus improved working conditions. Rexroth achieves this level of smooth operation through optimized sliding characteristics and the use of slide rails with lateral mounting. At the same time, this ensures low wear and fast, reliable assembly.

The Rexroth VarioFlow plus chain conveyor system consists of components that can be used universally for all system widths, including the new track width of 120 mm. This reduces the need for spare parts for users. The stable chain permits tensile forces of up to 1,250 Newtons. The chain surface is nearly closed, allowing even the smallest of parts to be transported safely and reliably. The system offers individual conveyor layouts and comes in six sizes and two material options: a basic aluminum version and a stainless steel version for higher hygiene demands, for example in the food industry, where Rexroth uses components made of FDA-compliant materials. Alternatively, Rexroth offers a work piece pallet system suitable for transporting work piece pallets in the automotive and electronic industries.

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*Economical, precise, safe, and energy efficient: drive and control technology from Bosch Rexroth moves machines and systems of any size. The company bundles global application experience in the market segments of Mobile Applications, Machinery Applications and Engineering, Factory Automation, and Renewable Energies to develop innovative components as well as tailored system solutions and services. Bosch Rexroth offers its customers hydraulics, electric drives and controls, gear technology, and linear motion and assembly technology all from one source. With locations in over 80 countries, roughly 36,700 associates generated sales revenue of approximately 5.7 billion euros in 2013.*

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*The Bosch Group is a leading global supplier of technology and services. According to preliminary figures, its roughly 281,000 associates generated sales of 46.4 billion euros in 2013 (Note: due to a change in the legal rules governing consolidation, the 2013 figures can only be compared to a limited extent with the 2012 figures). Its operations are divided into four business sectors: Automotive Technology, Industrial Technology, Consumer Goods, and Energy and Building Technology. The Bosch Group comprises Robert Bosch GmbH and its more than 360 subsidiaries and regional companies in some 50 countries. If its sales and service partners are included, then Bosch is represented in roughly 150 countries. This worldwide development, manufacturing, and sales network is the foundation for further growth. In 2013, Bosch applied for some 5,000 patents worldwide. The Bosch Group's products and services are designed to fascinate, and to improve the quality of life by providing solutions which are both innovative and beneficial. In this way, the company offers technology worldwide that is "Invented for life."*

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