

Press Release

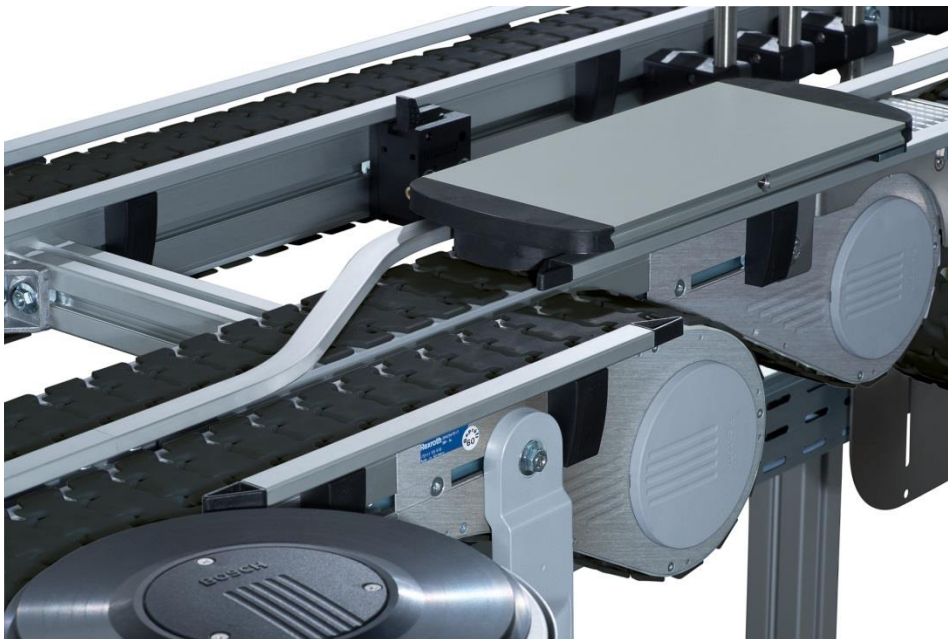
VarioFlow *plus* plastic chain conveyor expands application range

The time and cost-saving Rexroth plastic chain conveyor system ensures competitiveness by enabling fast time-to-market

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For Immediate Use

- ▶ New drive and chain variants for a wide range of applications
- ▶ Power ESD system in two sizes
- ▶ Pre-designed, drop-in modules simplify product planning and assembly



Rexroth's VarioFlow *plus* plastic chain conveyor enables diverse applications, from general machine interlinking to food and packaging to transportation tasks in difficult environments.

With the VarioFlow *plus* upgraded modular and flexible system, Rexroth now offers users a series of standardized solutions for specific conveyor functions, simplifying fast implementation of customer-specific designs. The application spectrum now includes everything from simple machine interlinking to special ESD solutions in the electronics industry, as well as secure transportation tasks in abrasive environments and stainless-steel designs for food and packaging.

In virtually every industry, a competitive advantage depends heavily on short time-to-market. Rexroth's VarioFlow *plus* plastic chain conveyor has the ability to achieve fast and easy implementation of diverse, complex transportation tasks, and is ideally suited for faster product introduction.

Contact for Journalists:
Bosch Rexroth Corporation
Susan Strauss
2315 City Line Road
Bethlehem, PA 18017
Telephone (610) 694-8352
susan.strauss@boschrexroth-us.com

Phase 3 Marketing & Communications
Laura Craft
Eden Estabrook
1435 West Morehead St., Suite 200
Charlotte, NC 28208
Telephone (704) 729-0146
Laura.Craft@phase3mc.com
Eden.Estabrook@phase3mc.com

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The system is quiet, enables flexible, customized solutions and saves space. In addition, the MTpro planning software supports fast project planning and has the ability to make short-term adjustments to changing market requirements.

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With the latest upgrades to this modular and flexible system, users can now benefit from the VarioFlow *plus* plastic chain conveyor in the area of sensitive electronics production. The ESD system ensures the safe avoidance of electrostatic build-up, offers a high chain tensile strength of up to 600 newtons and can also be used in applications requiring workpiece pallet systems.

For use in abrasive environments, the system includes new compact clean-rated conveyor section profiles in stainless steel and stainless-steel slide rails. This feature ensures that falling particles capable of causing extreme wear are carried out of the system immediately. Users can effortlessly transport sharp-edged products directly on a steel-plated conveyor chain.

If needed, the new drive concept contains a center drive and a transmission kit, allowing a direct drive to be easily upgraded to a transmission drive. Rexroth offers a low-cost solution especially for accumulating buffer applications: with the 90 degree return unit, users can significantly reduce the need for return chain. New chain types also ensure safe transport of a wide variety of products: the flocked chain protects delicate component surfaces, the gray chain minimizes optical distractions, and roller cleats protect product surfaces in ascending and descending conveyor sections.

Based on comprehensive application know-how, Rexroth has developed drop-in solutions for specific conveyor functions, such as a mechanically controlled traffic barrier for conveyor section junctions. These ready-to-use components simplify the implementation of customer-specific systems, without the need for extensive planning.

For more information, visit our VarioFlow *plus* website: www.boschrexroth-us.com/varioflow.

About 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

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any size. The company bundles global application experience in the market segments of Mobile Applications, Machinery Applications and Engineering, and Factory Automation. With its intelligent components, customized system solutions and services, Bosch Rexroth is creating the necessary environment for fully connected applications. Bosch Rexroth offers its customers hydraulics, electric drives and controls, 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 30,500 associates generated sales revenue of approximately 5.5 billion euros (\$6.2 billion) in 2017.

To learn more, please visit www.boschrexroth-us.com

About Bosch

Having established a regional presence in 1906 in North America, the Bosch Group employs nearly 34,500 associates in more than 100 locations, as of December 31, 2017. In 2017 Bosch generated consolidated sales of \$13.7 billion in the U.S., Canada and Mexico. For more information, visit twitter.com/boschusa, twitter.com/boschmexico and www.bosch.ca.

The Bosch Group is a leading global supplier of technology and services. It employs roughly 402,000 associates worldwide (as of December 31, 2017). The company generated sales of 78.1 billion euros (\$88.2 billion) in 2017. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT company, Bosch offers innovative solutions for smart homes, smart cities, connected mobility, and connected manufacturing. 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 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." The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiary and regional companies in 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. The basis for the company's future growth is its innovative strength. At 125 locations across the globe, Bosch employs some 64,500 associates in research and development.

Additional information is available online at www.bosch.com, www.iot.bosch.com, www.bosch-press.com, [www.twitter.com/BoschPresse](https://twitter.com/BoschPresse).

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