

Press Release

Modular, reliable, efficient: Bosch Rexroth introduces the latest generation of the transfer system TS 5

Numerous updates now allow the roller conveyor system TS 5 to be used for an even wider range of applications

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The ideal solution for numerous industries: Transfer system TS 5 with king shaft drive can now be used with greater flexibility and allows virtually any layout to be planned and implemented quickly.

With the latest edition of its transfer system for heavy loads, Rexroth has demonstrated impressively how something good can be made even better: By optimizing existing components and integrating important new modules into the portfolio, the company has made the TS 5 conveyor system more flexible – and able to meet the requirements of an even broader range of industry sectors. New capabilities, among many, include tandem transport for oversized cargo, which is of particular importance to users in the automotive sector. Also new: TS 5 now provides the option to connect with i4.0 tools, e.g. to visualize production processes in real time. Using the MTpro planning tool, the new generation of TS 5 makes it easy to implement any layout, which can display a load range of over 400 kg.

In the latest generation of the TS 5 conveyor, Bosch Rexroth has expanded on the roller conveyor system's known strengths and new applications by developing new modules which users can combine in any configuration they choose. With the new TS 5 conveyor, customers can now integrate a 3-way diverter, a rotate unit, a front end drive, and a compact stop gate into the final

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system. For larger components, the tandem transport capability allows for the transfer of excessively long products.

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The upgrades provide the user with even more flexibility when designing their individual system layout and make the TS 5 the ideal solution for numerous industry sectors – from automotive, to e-Mobility applications, to electronic devices and household appliances. The huge variety of application possibilities is supported by other TS 5 advantages, such as ESD capability, suitability for abrasive or oily environments, or use in a dry room.

Compared with systems using standard chain drives, the TS 5 system's king shaft drive and the conveyor rollers allow the customer to experience virtually maintenance-free production, with low wear and increased productivity.

Transfer system meets Industry 4.0

The TS 5 conveyor also sets the benchmark in terms of digitalization: the system can be seamlessly connected to other Rexroth solutions such as the ActiveCockpit. The interactive communication platform processes and displays manufacturing data in real time. Parameters such as energy efficiency, cycle time and workpiece pallet tracking can be measured and visualized for greater transparency and more efficient production processes.

Quick planning and assembly

Finally, the MT*pro* project planning tool simplifies every part of the project with its easy layout design, automated order lists and links to the product catalog and assembly instructions. This means that the transfer system can be planned and implemented even faster, thereby further shortening time to market for manufacturers who depend on TS 5.

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, and Factory Automation 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, more than 29,500 associates generated sales revenue of approximately 5 billion euros in 2016.

To learn more, please visit www.boschrexroth.com

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