PRESS RELEASE

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Rexroth unveils solution for fully integrated tire pressure control

The new GFT 8150 TIS travel drive enables dynamically optimized tire pressure in series machines

In addition to the dynamic brake, Rexroth's GFT 8000 travel drive is also optionally available as the GFT 8150 TIS (Tire Inflation System). (Image source: Bosch Rexroth AG)

For the first-time ever, Rexroth's GFT 8150 TIS (Tire Inflation System), harvesters with individual-wheel drive can now be fitted with a tire pressure control system that seamlessly integrates into the machine and is operated via the standard terminal.

Controlling the tire pressure on harvesters has numerous advantages. In view of different vehicle handling characteristics on roads and on fields, fuel can be saved and driving stability can be increased at the same time. What's more, in fields, the increase in the contact surface area ensures a reduction in the ground pressure and an increase in the transferable tractive force due to reduced slippage.

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In the past, tire pressure regulation could only be carried out by retrofitting the vehicle frame, however due to the external piping this looks cumbersome and is susceptible to collisions. Rexroth's GFT 8150 TIS (Tire Inflation System) is the first fully integrated tire pressure control solution for harvesters with individual-wheel drive. The system is seamlessly integrated into the machine concept and is easy to operate via the standard terminal. The innovative GFT 8150 TIS uses the compact travel drive from Rexroth's GFT 8000 series and is also available in combination with the dynamic brake. Rexroth's TIS option will enable manufacturers to offer the benefits of tire pressure control in machines manufactured in series production and thus position themselves on the market with an integrated and reliable complete solution.

Visit Rexroth's booth S-80215 during IFPE/ConExpo 2020 to learn more.
www.boschrexroth-us.com/ifpe

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 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 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 32,300 associates generated sales revenue of roughly 6.2 billion euros ($7.3 billion) in 2018.

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

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About Bosch:

The Bosch Group is a leading global supplier of technology and services. It employs roughly 410,000 associates worldwide (as of December 31, 2018). According to preliminary figures, the company generated sales from operations of 77.9 billion euros ($92 billion) in 2018. 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 69,500 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.

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