

Press Release

Safely assemble with confidence using Bosch Rexroth's ErgoSpin

Rexroth's handheld CC-ErgoSpin product line enables a higher degree of process reliability and longer work times with minimal fatigue.

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PI 080-13
For Immediate Use



Conduct function-critical tightening operations according to VDI/VDE 2862 with the CC-ErgoSpin handheld nutrunner

With Rexroth's CC-ErgoSpin product line, users can save money when conducting function-critical tightening operations according to VDI/VDE 2862. The ergonomic handheld nutrunner optimizes the assembly process and reduces scrap. Compared to pneumatic nutrunners, the efficiency and reliability of ErgoSpin ensures better process control and a higher degree of process reliability.

In order to meet the demands for quality cycle time, components, screw, torque and angle of turn have to be perfectly matched. Function-critical tightening operations, which are now found in countless branches of industry, are the specialty of Rexroth's CC-ErgoSpin handheld nutrunners. Specially designed for B-tightening operations according to VDI/VDE 2862, the nutrunner determines the required torque via the current control. The user operates and programs the CC-ErgoSpin via the intuitive Rexroth BS350 operating software. It contains statistical tools for detailed analysis of the tightening case. This prevents faulty tightening operations, decreases scrap, minimizes warranty costs and ensures a high degree of process control. The

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
John Agresti
Laura Craft
1435 West Morehead St., Suite 200
Charlotte, NC 28208
Telephone (704) 729-0146
John.Agresti@phase3mc.com
Laura.Craft@phase3mc.com

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operating software can be used universally with all Rexroth nutrunners for A and B tightening operations.

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The CC-ErgoSpin stores up to 99 tightening programs that can be assigned to a specific component using a bar code scanner. This allows for clarity, space and cost-saving benefits. Compared to compressed air technology, CC-ErgoSpin cuts the total cost of ownership in half and uses up to 95 percent less energy. There are four sizes with working ranges from 2.4 to 40 Nm and output speeds of up to 1,090 revolutions per minute are available.

The robust design of the nutrunner allows for long service life and has been tested under full load to one million cycles without maintenance. That makes it a safe and reliable tool, even in difficult environments such as oily workplaces. At the same time, the nutrunner allows for low-fatigue plant work due to its ergonomic handle design and low-vibration operation. Unlike with pneumatic nutrunners, noise production is low and the risks from pressurized airlines are eliminated.

For more information, visit this [link](#).

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 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.,

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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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