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Ingersoll Rand Expands Line of Precision Fastening Tools with QX Series High Torque Angle Wrench

New High Torque Angle Wrench increases efficiency, convenience and productivity for assembly manufacturing

New Delhi — May 25, 2015 — [Ingersoll Rand](#), a global leader in reliable and innovative power tools, has expanded its [QX Series™](#) of cordless power tools for assembly markets by introducing the High Torque Angle Wrench. The new angle wrench reaches a pinnacle of 60 newton metres of torque (44.2 foot-pounds) for the toughest jobs, while providing high accuracy and the comfort for which the QX Series is known.

The QX Series delivers the right tool for the right job in industries that require high accuracy for fastening and connecting parts, whether in the heavy equipment, light manufacturing, automotive, or aerospace sectors.

“As an industry leader for more than 100 years, Ingersoll Rand has a strong understanding of the functions power tools are called on to perform. The High Torque Angle Wrench is tailor made for our customers who require power tools with enhanced productivity and to reduce defects rates in assembly operations. We have already had successful trials at leading automotive manufacturers in India showcasing favorable results on the tools performance.” said **Dipen Shah, Territory Leader – India & Africa, Ingersoll Rand Power Tools.**

“With the introduction of the high-performance High Torque Angle Wrench we look forward to bringing in a next generation versatile tool that meets the specific demands of a variety of applications, whether simple or complex, while maintaining comfort, accuracy and reliability.” said **Brian Welborn, Global Channel Marketing Leader, Ingersoll Rand Power Tools.**

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High Torque Angle Wrench Reaches New Heights of Torque and Speed

The High Torque Angle Wrench is a cordless, right-angle fastening tool that expands the QX Series to cover high-torque applications and complement the existing range of Haz Tools, precision screwdrivers and low-torque angle wrenches already available. It is equipped with a bolstered 40-volt battery that delivers 2.5 amp hours of operation, enough to power the tool through a grueling five to six hour assembly shift without having to recharge the battery.

The High Torque Angle Wrench is ergonomically balanced to increase operator comfort, and comes in a sleek but tough black housing. It comes in five different model variations that range from low torque to high torque options, with or without wireless capabilities. The models are available in the following torque to free speed ratios:

- 20 Nm (14.75 ft.-lb.) at 1,045 rpm
- 30 Nm (22 ft.-lb.) at 775 rpm
- 35 Nm (25.8 ft.-lb.) at 640 rpm
- 40 Nm (29.5 ft.-lb.) at 540 rpm
- 60 Nm (44.2 ft.-lb.) at 375 rpm

The Technology in the QX Series High Torque Angle Wrench

The QX Series High Torque Angle Wrench is built with Ingersoll Rand's patented closed-loop transducer control at the heart of the tool, delivering precise torque and accurate, traceable results. The multifunction display is the interface for programming multiple torque, speed and angle configurations—saving time and eliminating the need for additional tools.

It features a wireless communication option that integrates the tool and the assembly line into a true plant-wide network with managed data, process control and the ability to adjust tool configurations in real time. Like all QX Series tools, the communications to and from the tool are exchanged over Ingersoll Rand's dedicated Process Control Module (PCM). The PCM allows connectivity of up to 10 tools per module to give operators total control of their assembly line, precision fastening tools, and the valuable fastening data it produces.

“More and more manufacturers are finding that the highest operational cost in the plant is the cost of quality,” said Mark Hasz, product manager, Precision Fastening Tools, Ingersoll Rand. “Manufacturers need an assembly process and the corresponding tools that get the job done right, the first time. With traceability and connected technology options in every tool, the Ingersoll Rand QX Series enhances the assembly process with diligent tracking mechanisms.”

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News Release

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About Ingersoll Rand in India

Ingersoll Rand is committed to India and is implementing strategies for product innovation and design for Industrial Technologies; Food Safety; Energy Efficiency and Sustainability. The company is based out of 18 locations in the country. Ingersoll Rand believes that Innovation for emerging economies is critical for products to succeed in these markets. The company has three world class manufacturing facilities at Naroda, Sahibabad and Chennai; and two Engineering and Technology Centers at Bangalore and Chennai. Ingersoll-Rand (India) Limited is listed on the National Stock Exchange of India and the Bombay Stock Exchange. For more information, visit www.ingersollrand.co.in.

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