



# OPTIMIZE YOUR ASSEMBLY LINE WITH INGERSOLL RAND TOOLS

Count on a trusted partner to deliver tools that maximize productivity

Your personal success is our number one priority. Ingersoll Rand® QX Connect Series™ tools are here to provide simple, capable, and flexible solutions to all your fastening needs.

How?



**SMART TOOLS**  
that increase productivity  
and lower overall costs

## PROCESS INSIGHTS

Upgrade your assembly process with technologically advanced smart tools. You can confidently improve your line by partnering with a supplier that provides simple to use tools and gives you the ability to see clear and concise details about your process.

While there are a number of ways to improve your assembly process, implementing Ingersoll Rand® smart tools increases uptime, production rates, and safety, all with transparent licensing. Smart tools deliver automatic torque control with a data-driven perspective for greater control with verifiability. Our innovative QX Connect Series™ offers flexibility with numerous configurations, and allows you to manage everything from data and programming to modifications on your line for increased productivity and lower costs.



## SEAMLESS INTEGRATION

Your assembly line has existing processes, and new tools should effortlessly integrate to ensure minimal disruption and maximize efficiency. Smart fastening solutions deliver simple, flexible and customizable settings for all of your assembly requirements.

The Ingersoll Rand® QX Connect Series™ family of tools easily integrates into your line and comes equipped with connectivity options to enable fast programming.

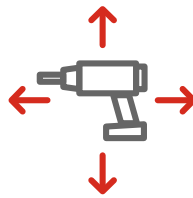


These tools boost your productivity by offering a solution that is:



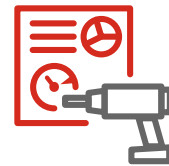
### SIMPLE

- » Multi-function display module for quick setup and feedback
- » Compact, lightweight and ergonomically balanced so the operator can work without restraints
- » The intuitive INSIGHT Connect app will help you stay productive & mobile on the plant floor via Bluetooth or wired connection



### FLEXIBLE

- » Provides up to 32 fully programmable configurations on a single tool, reducing costs and workspace clutter
- » Fast and intuitive programming makes the tool easily adaptable to any needed changes on your assembly line
- » Cordless and portable, allowing for effortless movement around your facility



### CAPABLE

- » At the heart of every tool is the closed-loop transducer control that delivers precise torque and accurate, traceable results
- » Available in a variety of configurations, including pistol grip, angle wrench, multiplied, and ETS
- » Wireless & Bluetooth communication options enable flexible line integration, remote monitoring and simple system programming across a plant-wide network
- » Manage cycle data, control the process, receive system status alerts and implement configuration adjustments in real time with INSIGHTqcx™ using Ethernet, Fieldbus and digital I/O



# ENVISION SUCCESS

Implementing a new smart tool solution means you are taking control of your fastening processes and business outcomes. You want a partner that understands your industry and learns about your specific process needs as they relate to your bottom line.

When you partner with Ingersoll Rand®, we provide you a path to improved outcomes and professional success through our INSIGHT Connect app. It programs any Ingersoll Rand® QX Connect Series™ tool without the need for additional technical training, special software, plant network permissions, or a laptop computer.



**Maximize productivity with the INSIGHT Connect app by using your mobile device to:**

Quickly retrieve cycle logs and share via email

Easily access audit logs

Instantly receive error codes with descriptions

Program all standard QX platform tools

Save and load configurations

Perform calibration and Cp/Cpk

**Ingersoll Rand® is your true partner in fastening tools. Integrating our QX Connect Series™ family of fastening systems delivers simple, flexible, and capable solutions for all of your assembly requirements. Our commitment extends beyond the purchase, providing you with the necessary support for installation, maintenance, and beyond. Our feature-rich configurations and smart tools manage everything from data and fast programming to modifications on your line to increase productivity and lower costs.**

**LEARN HOW YOU CAN DELIVER HIGHER QUALITY FASTENED JOINTS AND A LEVEL OF CONTROL THAT IS UNMATCHED BY OTHER SOLUTIONS.**

**Contact Us Today**

Ingersoll Rand (NYSE:IR), driven by an entrepreneurial spirit and ownership mindset, is dedicated to helping make life better for our employees, customers and communities. Customers lean on us for our technology-driven excellence in mission-critical flow creation and industrial solutions across 40+ respected brands where our products and services excel in the most complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity and efficiency.



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