



RELIABLE SMART FASTENING TOOLS THAT GET REAL WORK DONE

**Simplify your fastening processes
with fast programming smart tools**

Provide your assembly line with simple, flexible, and capable solutions for all of your requirements all at a price you can afford. When it comes to fastening, you need tools with programmable tightening to deliver higher quality fastened joints and a level of control that meets requirements every time.

**Want to see how to increase line productivity while lowering costs?
Continue reading to learn more about smart fastening tools!**



CONNECTED SMART TOOLS

Network-Connected Tools Deliver Continuous Improvement

Do your tools enable you to be systematic and strategic with your fastening processes? In order to advance your line, you need an easy way to streamline processes to increase efficiency.

Integrating connected equipment to your line provides data and analytics that help you achieve higher manufacturing quality standards and gain more control over their processes.





AVOID BUSINESS RISKS

A Data-Driven Perspective for Successful Assembly Lines

One of the best ways to lower maintenance costs, prevent lost productivity, and cut down on equipment failures is to eliminate errors in the assembly process. Preventing failures can be done by integrating reliable, consistent and accurate quality indicators into the assembly line.

With network-connected tools, you enable your line to stay productive and prevent issues due to failures. Fastening tools that provide multi-purpose functionality and quality-critical applications on a plant-wide network enables greater plant productivity and delivers a highly accurate, repeatable and traceable fastening process.

CREATE PRECISION-BUILT PRODUCTS

Address Issues Before They Become Systemic Quality Issues

If your line wants to improve quality assembly processes and eliminate errors, your tools need to provide data that enables you to analyze errors.

The connected smart tools automatically count fasteners as they are tightened, monitoring and recording that they have been secured correctly. These records are stored for instant accessibility whenever needed, helping maintain service records. This provides traceability and reduces liability issues to increase uptime and improve production rates.



REDUCE COSTS, INCREASE FLEXIBILITY

Meet Requirements with Easy-to-Use Fastening Tools

Meeting targets in a complex manufacturing world doesn't have to be complicated. Your assembly line can see improved ROI and lower total cost of ownership with fastening tools that offer an innovative solution.

Smart fastening tools with feature-rich configurations offer flexibility and swiftly integrate into your line.

What else can a smart tool bring to your line?



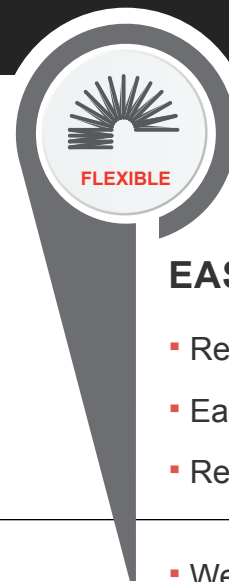
What does this mean to me?

EXPERTISE NOT REQUIRED

- Save on selection, training and installation costs
- Reduce errors and downtime
- Remove user dependencies

How does Ingersoll Rand provide value?

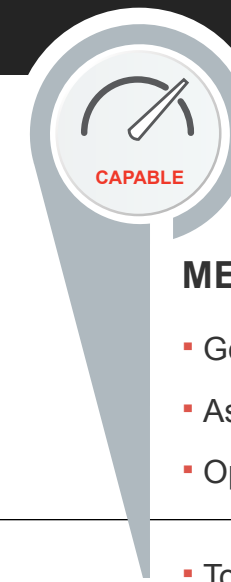
- Intuitive, visual programming interface
- Plug and play accessories and protocols
- Integrated backup and recovery
- Bundled controller options
- Easy Wireless Pairing (up to 6 tools with MTC option)
- Tightening configurations can be shared between tools (MTC)



EASILY IMPLEMENT CHANGE

- Reduce line rebalancing costs
- Easy line integration
- Remove device dependency

- Web-based programming accessible through any operating system or browser
- Meets current industry communication needs
- Integrated logic controls
- Easy hardware and software upgrades
- Onboard wireless energy scan



MEET YOUR REQUIREMENTS

- Get the job right, every time
- Assurance via traceability
- Optimize your productivity

- Touch screen interface
- Optimal cycle data storage: 500,000 results and traces
- Robust audit and system logs
- Advanced tightening strategies and features
- Onboard diagnostics
- Integrated statistical process controls

SMART TOOL TECHNOLOGY IMPROVES ASSEMBLY QUALITY

Tools That Get the Job Done Right

Your line doesn't have to deal with poor quality, inconsistent assembly, recalls, or customer dissatisfaction. There is a solution to improve processes and increase productivity. Lighter, quieter, and more durable smart fastening tools that provide greater control with verifiability over assembly processes are here.

Whatever your line needs, Ingersoll Rand can provide.



LEARN MORE ABOUT OUR PRODUCTS
AND TAKE CONTROL OF YOUR FASTENING PROCESSES

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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