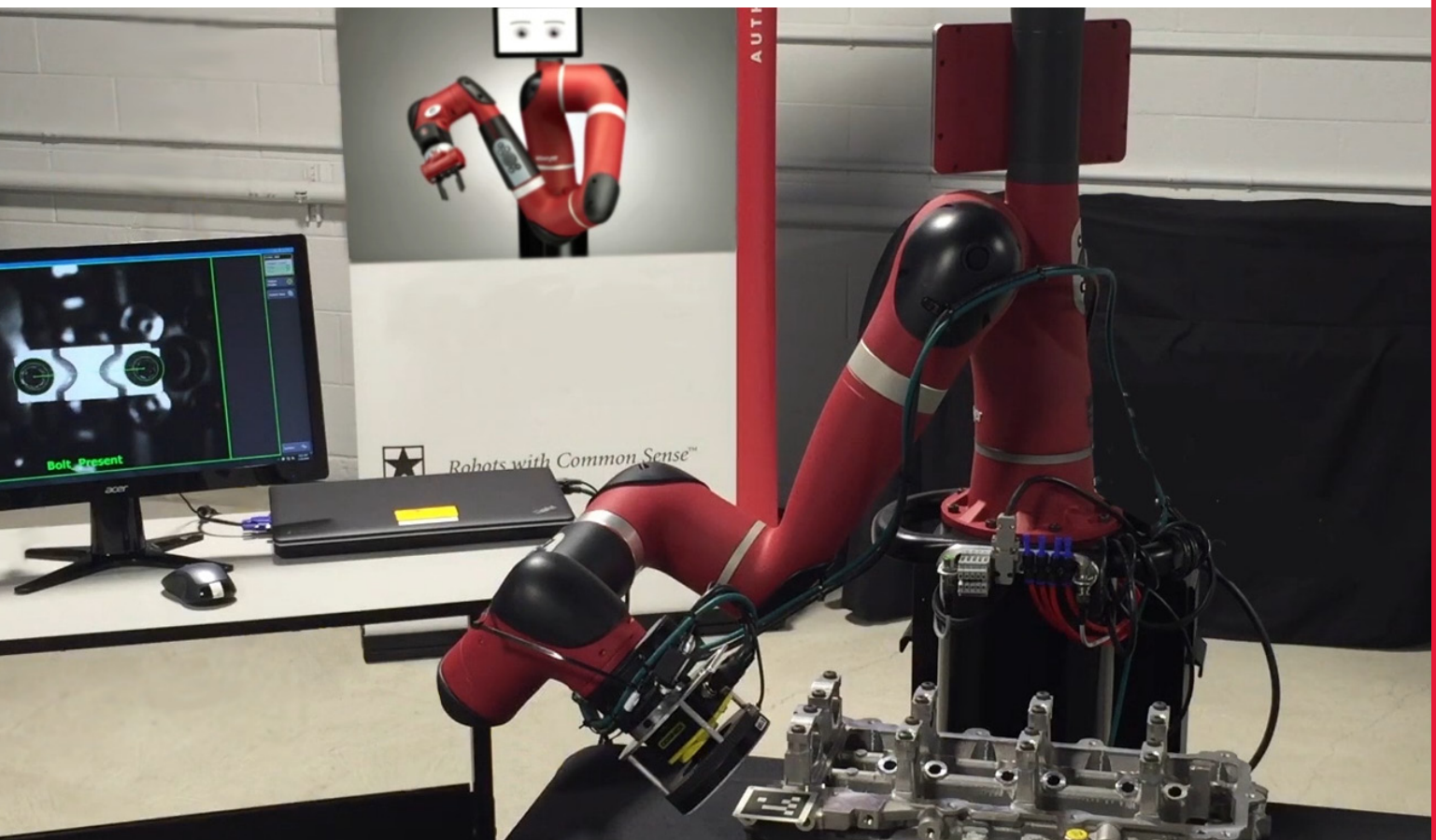



Automate Test and Inspection Tasks

Historically, vision and testing systems used to detect part defects or scan barcodes have been found on high-speed, high-volume manufacturing lines. These systems rely on parts arriving in fixed orientations, are expensive, and should production needs change, costly to reconfigure.

Due to these limitations, manufacturers with relatively small or custom production runs perform test and multi-point inspection tasks manually. While these tasks require dexterity and skill, they're also repetitive, boring, and prone to human error. And due to the variety and change on the line, these tasks couldn't be automated cost-effectively.

Until now.



 Sawyer delivers the complete package that includes multi-point inspection using a single camera, full digital traceability of results, and error-proof processing.

The **newest collaborative robot** from Rethink Robotics, Sawyer delivers a cost-effective, high performance automation tool for the testing and inspection of finished parts or products.

Weighing in at a slim 19 kg (42 pounds) and featuring a standard reach of 1260 mm with seven degrees of freedom, Sawyer can drop right into your existing environment, with minimal reconfiguration of your current infrastructure.



Sawyer: Ideally suited for testing and visual inspection of finished parts

Ready to deploy throughout North America, Europe and Asia-Pacific, Sawyer offers manufacturers the following benefits:

Smart – Sawyer’s patented compliant motion control technology allows the adaptive robot to work the way people do, dynamically managing semi-structured environments and adapting to real-world conditions.

Flexible – Sawyer features two embedded camera systems, which enable the **Robot Positioning System**. The powerful yet intuitive **Intera® software** allows workers to quickly and easily train Sawyer for new tasks when production needs change.

Lower cost of ownership – Sawyer’s built-in intelligence translates to increased uptime, lower scrap rates, and significant process quality enhancement. These benefits lead to a dramatically lower cost of operation for the entire line – which means you realize ROI in months, not years.



Watch Sawyer in action: bit.ly/1NFJnpp



rethinkrobotics.com

27 Wormwood Street

Boston, MA 02210

(617) 500-2487

inquiry@rethinkrobotics.com

