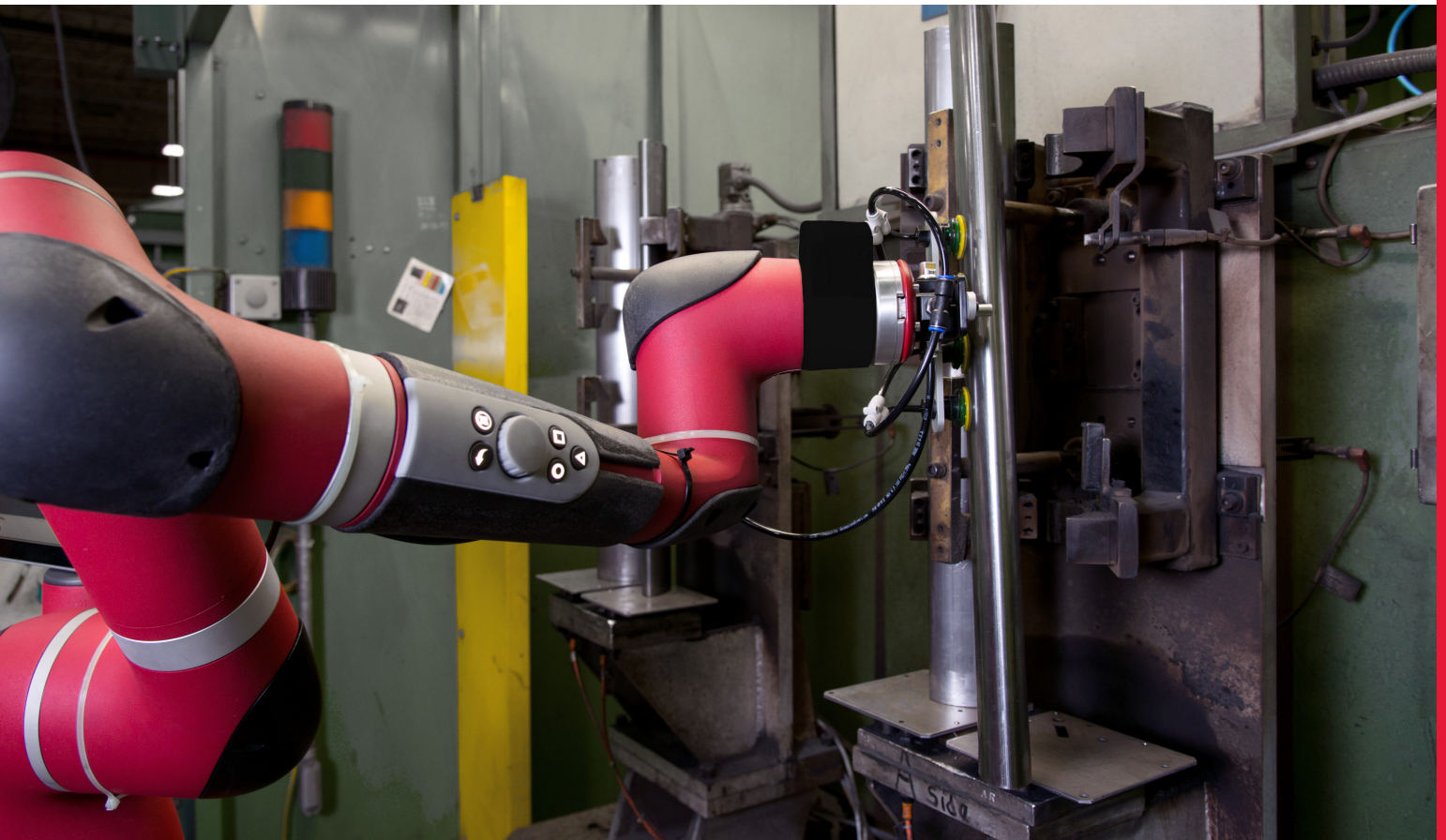


Automate Repetitive Metal Fabrication Tasks

Working with metal forming press brake and stamping machines can be dirty, dull and dangerous. Handling smaller parts with sharp exposed edges, or moving heavy metal pieces into place for extended periods of time, translates into increased safety-related issues due to worker fatigue and human error.

While a number of repetitive production tasks have been automated in factories through traditional factory robots methods, many important processes still require the “human touch.” This is especially true for metal fab workers, who must adapt to constantly changing line configurations, precisely load and unload parts, and tend to complex machinery. Automating these tasks with interactive production robots would definitely improve worker productivity and safety, but doing so has proven impractical and cost-prohibitive.

Until now.



With a 4kg payload, Sawyer is well-suited to the rigors of metal fabrication and helps reduce workplace risk and stress on workers – while freeing them up to perform higher-value tasks.

The **newest collaborative robot** from Rethink Robotics, Sawyer delivers a cost-effective, high performance automation tool for repetitive metal fabrication tasks.

Weighing in at a slim 19 kg (42 pounds) and featuring an industry-leading 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: Improve productivity while lowering margins of error

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 load metal furniture parts into a press brake machine: <http://bit.ly/1TDhafc>



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