Robotiq Launches New Screwdriving Solution
Get consistent screwdriving around the clock and free workers for higher-value tasks.

Québec City, Canada (June 29)—Robotiq, the world's leading provider of tools and software solutions for the collaborative robot (cobot) market, announced today the launch of its Screwdriving Solution. Designed for manufacturers looking to automate screwdriving applications, this solution's intuitive features eliminate the need for expensive, complicated custom-designed solutions.

"Screwdriving is a dull and repetitive task that often leads to fastening inconsistencies and stress injuries," said Catherine Leclerc, product owner at Robotiq. "Lots of manufacturers want to automate this application, but can't find a solution that works for today's manufacturing reality: one where products are constantly evolving and manufactured in small, high-mix batches."

So what do manufacturers need? "An ultra-flexible solution that can be ordered off the shelf, deployed by staff onsite, and adapted to daily production needs. And they need all that without a massive upfront investment."

The Robotiq Screwdriving Solution gets the work done right. In simple small-screw assemblies it enables 5-minute changeovers, so manufacturers can produce multiple products per assembly line. Plus, it's affordable and easy to deploy. With the screwdriver controlled directly from the teach pendant, and built-in programming and error-proofing intelligence embedded in the pick

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and screwdriving nodes, automating this task has never been easier.

"Getting separate components to communicate together is a complex task for the end-user, so making it seamless was our top priority" continued Leclerc. "The patented Screw Feeder will also resonate with the cobot market because it's entirely adaptable. Within one minute, you can adjust the feeder to fit another type of screw and you're good to go."

The Screwdriving Solution provides precision fastening to torques of 1 to 4 Nm. It also has error-proofing features for uninterrupted screwdriving, such as screw presence detection, torque control, and position monitoring.

As a pioneer in the UR+ ecosystem, Robotiq continues its tradition of high-quality products. The included screwdriving URCap software lets users program many different screw fastening processes in just a few minutes.

"Designed to keep up with frequent changeovers, reach tight spaces, and deliver a quick ROI, the Robotiq Screwdriving Solution is one of the most elaborate and innovative products we've built so far," explained Jean-Philippe Jobin, CTO and co-founder at Robotiq. "While it's fairly easy to fasten small screws manually, it's much harder to automate. We've managed to simplify that process for the end user. After a pandemic year and the resulting changes, this is the perfect time to introduce a solution that will help factories automate better and faster, elevate their workforces, and free human hands from repetitive tasks."

Learn more about Robotiq's newest solution.

About Robotiq
At Robotiq, we free human hands from repetitive tasks. Our tools and know-how simplify collaborative robot applications so factories can start production faster. Robotiq works with a global network of connected robot experts who support their local manufacturers. For more information, please visit robotiq.com.

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