

Improve CNC Machine Cycle Time, Achieve Higher Throughput

Although fast, efficient and a definite boon to the factory floor, CNC machines typically require human tending, from **loading and unloading machines** to supporting finishing operations.

Operators may tend multiple machines, but for many highly skilled workers, routine machine tending can become boring – resulting in error, downtime, and even injury. While it makes sense to automate repetitive tasks, skilled people are still needed to respond to scheduled changes with the machine, the work piece or the environment.

Reconciling these two incompatible needs – **automation with intelligence** – seemed impossible. Until now.



 Sawyer increases machine cycle time and throughput, and reduces error and potential injury, by performing repetitive CNC machine tending tasks.

The **newest collaborative robot** from Rethink Robotics, Sawyer delivers a cost-effective, high performance automation tool for CNC machine tending.

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: Ideal for repetitive CNC machine tending tasks

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 operate a CNC machine:
bit.ly/sawyer-cnc



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