


Automate Line Loading and Unloading Tasks

On a moving conveyor or rotary table, loading and unloading parts requires skilled workers who can move parts to and from tables, maintain counts of product, or re-orient parts for the next step in the line.

Although these tasks require a modest skill set and attention to detail, they're boring and repetitious. When workers lose attention, errors are made and injuries happen. But, automating these lower-level tasks seemed impossible – especially since production lines were constantly being changed or modified for short product runs.

Until now.



 Sawyer fits right into the moving production line. From conveyors to rotary tables, Sawyer can move product, maintain counts, and re-orient parts – freeing up workers to perform higher-value tasks.

The newest collaborative robot from Rethink Robotics, Sawyer delivers a cost-effective, reliable automation tool for line loading and unloading applications.

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: Ideally suited for loading and unloading parts on conveyors or rotary tables

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 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 at work in a packaging work cell: <http://bit.ly/1SIM9qx>



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