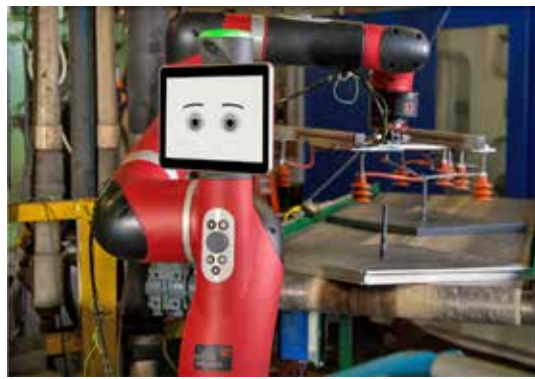


Harrison Manufacturing Increases Throughput by Deploying Rethink Robotics' Sawyer

Harrison Manufacturing, a custom plastics injection molding manufacturer specializing in molded plastics and light assembly for both automotive and consumer applications, is using Rethink Robotics' Sawyer to solve the challenge of hiring for monotonous and dangerous jobs, while increasing production output at its Jackson, Miss. facility.

Results

- Reduced risk of repetitive stress injuries for employees
- Able to run more shifts to keep up with customer demands
- Improved throughput and consistency of part production



The Challenge

Harrison Manufacturing is a family-owned company that wanted to automate tasks requiring repetitive motion, such as the continuous cutting of parts, which had the potential to cause cumulative stress disorders and strain human wrists. Traditional automation provided little help. As a small manufacturer, Harrison did not have room for a large, caged robot to take up the limited space in their factory.

The Solution

The Harrison Manufacturing team deployed Sawyer in a degating task in just a few hours, and saw immediate improvement in the quality of jobs on the factory floor. Further, Harrison Manufacturing can run more shifts to meet the seasonal demand for their plastic parts. Harrison is constantly competing with larger manufacturers, and must produce products in a timely manner. With Sawyer, Harrison Manufacturing can consistently deliver on production output, regardless of the task or the size of the order.

The Future

Looking forward, Harrison Manufacturing plans to deploy other Sawyer collaborative robots on the factory floor to further increase product output and create a safe environment for its human employees. Rethink Robotics gives small manufacturers the tools they need to safely and affordably automate with minimum downtime.

Watch Sawyer in action at Harrison Manufacturing:
<http://rethinkrobotics.com/harrisonmanufacturing>

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