

SURE ROBOTICS™



SMART ROBOTICS AND MICRO-AUTOMATION SOLUTIONS

Micro-Automation is automating a manufacturing process that involves the handling of small parts. A small part is defined differently for each customer, but for Sure Controls, it ranges anywhere from 6" (150mm) down to .2" (5mm).

Collaborative

- ▶ Address labor shortage
- ▶ Deploy quickly
- ▶ Faster ROI
- ▶ Redeployable – use for a number of tasks

Micro-Automation

- ▶ Small footprint
- ▶ Quick changeover
- ▶ Redeployable automation

Addressing Complex Industry Issues

There are many factors to take into consideration when approaching system automation. These may include product in-feed, product out-feed, cycle rate, and quality inspection. Applications that involve handling small parts introduce an additional level of complexity due to challenges in handling the parts on the in-feed side.



Part Specific Bowl Feeders

Issues can occur during changeover because each bowl feeder is typically designed for a specific part which leads to a high investment that can't be easily re-purposed.



Delicate Materials

Feeding small delicate materials into the automation cell can be difficult.



Jamming

The smaller the part, the more prone it typically is to jamming.

Expert Integration

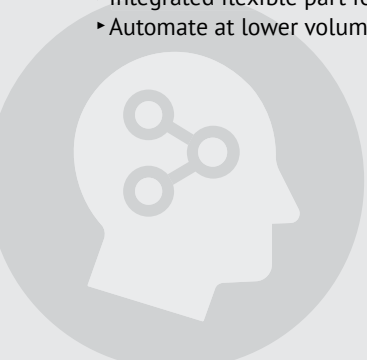
Expert Solutions

- ▶ Improve automation cell
- ▶ Minimize footprint
- ▶ Integrated flexible part feeders
- ▶ Automate at lower volumes

Effective Automation

Quicker ROI

- ▶ Address labor shortage
- ▶ Expert robotic integration designers
- ▶ Redeployability



SMALL PART AUTOMATION SOLUTIONS



Quick ROI

- ▶ Lower investment
- ▶ Quickly deployed
- ▶ Added flexibility
- ▶ Fast change-over

Added Flexibility

- ▶ One of our customers is currently running 1000+ part numbers on the same cell

Quick Changeover

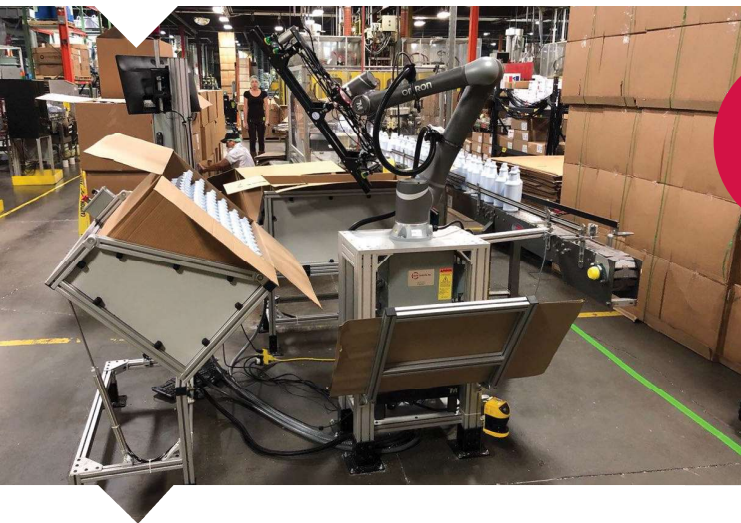
- ▶ Custom trays can be designed for nesting of parts with changeover in minutes vs. hours

Innovative

- ▶ Vision guided picking
- ▶ Spring detangler

Reduced Manufacturing Real Estate

- ▶ On average, automation can reduce current footprint by 30-50%



A team of experts that understand system automation address – product in-feed / out-feed, cycle rate, and quality inspection.

At Sure Controls we are Robotics experts, we will give you a fully integrated solution that solves your issue, whether it be the infeed, or a labor shortage. We design our solutions so that every hand-off is seamless. We fully understand that it isn't just about the robot, but the whole process and your whole business.



START AUTOMATING THE SMART WAY NOW!

📞 800.844.8405
✉ robotics@surecontrols.com

Talk to a company that understands manufacturing and what it takes to automate your process, because the last thing you want is a robot that just sits there.

Our goal is to give you a solution that keeps you sm;)ing.