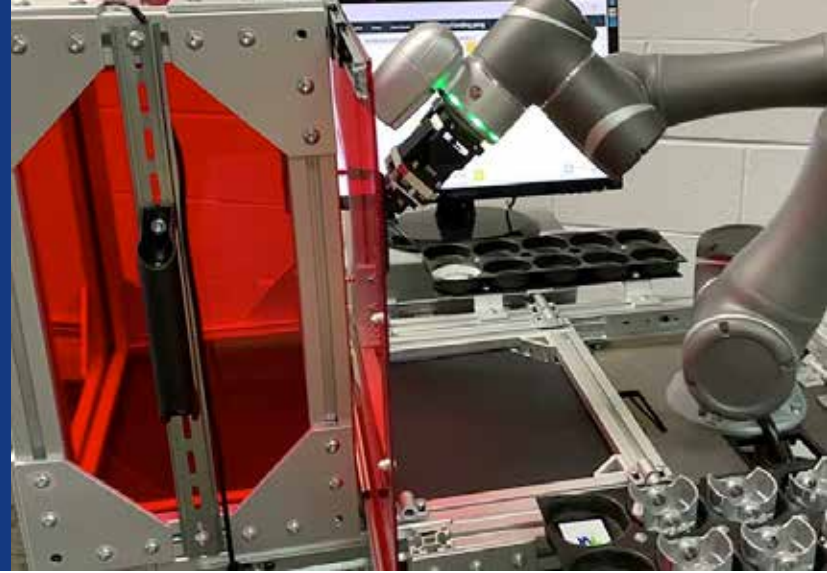


MACHINE TENDING & PALLETIZING

Automated Solutions for All Your Machine Tending and Palletizing Needs



COLLABORATIVE AUTOMATION ADVANTAGES

Maximize efficiency, increase quality, optimize production, and improve performance with our custom-built collaborative robot solution for machine tending and palletizing applications.

Streamline your machine tending and palletizing applications with collaborative robots. Collaborative robot arms are boosting output and quality across industries, enabling flexible production and enhancing worker safety.



FLEXIBILITY

Cobot robot arms are easily programmed and redeployed and can be mounted on carts for mobility. Solving both your palletizing and machine tending needs.



PRODUCTIVITY

Add new functionality without costly changes to production lines. Meet competitive demands for faster output, even in processes not typically suited for automation.



CONSISTENCY

Increase quality and consistency in repetitive tasks where human workers struggle. Cobots can work non-stop while operators focus on higher-value tasks.



ROI

See your ROI in a matter of months! The added value cobots bring to your production will increase efficiency, production and your bottom line.



Locate and Pick Part



Move Part to Set Pattern or Stack



Detect Human Presence and Stop



Pick and Place.
8 Sec. Cycle Time Avg.



Easily Customized to your Application



SMART.SIMPLE.SAFE.

Custom-built collaborative robot solution for machine tending and palletizing applications

Our custom-built collaborative robot solution for machine tending and palletizing applications makes selection of the components simple. Each scenario is unique and we determine what solution best fits your goals. In the design process, we consider a number of things; what type of gripper system is needed, the output of the cell, the target production rate, the floor space required and every other detail to build the best machine tending and palletizing solution. We will deliver you a complete custom collaborative robot machine tending or palletizing solution by combining multiple components with application-specific hardware and software to meet your needs.

JUST A FEW STEPS AND YOUR SOLUTION IS READY

1

YOU SELECT COMPONENTS

What needs improvement?

Tell us what you are looking to improve with your current manual process chain. Our Component Selection Guide makes it simple! Work with our experts to select the right components to improve your current manual process for machine tending and palletizing.

2

SOLUTION BUILT FOR YOU

We design the solution.

Your solution will be designed to give you a faster, more consistent, reliable and cost effective process. Our design to order concept is built with the most innovative products in the industry. The result is a tailored solution built by expert engineers.

3

WE SHIP IT TO YOU

Your complete custom-built solution will be shipped to you.



While cobots are not suitable for primary food handling, they are being used widely for handling, packaging and palletizing of packaged foods and beverages.

TRI-PHASE
AUTOMATION

Tri-Phase Automation
(888) 874-0024
tri-phase.com

Visit our website to find out more about our cobot solutions.
tri-phase.com/products/robotics/machine-tending-and-palletizing

