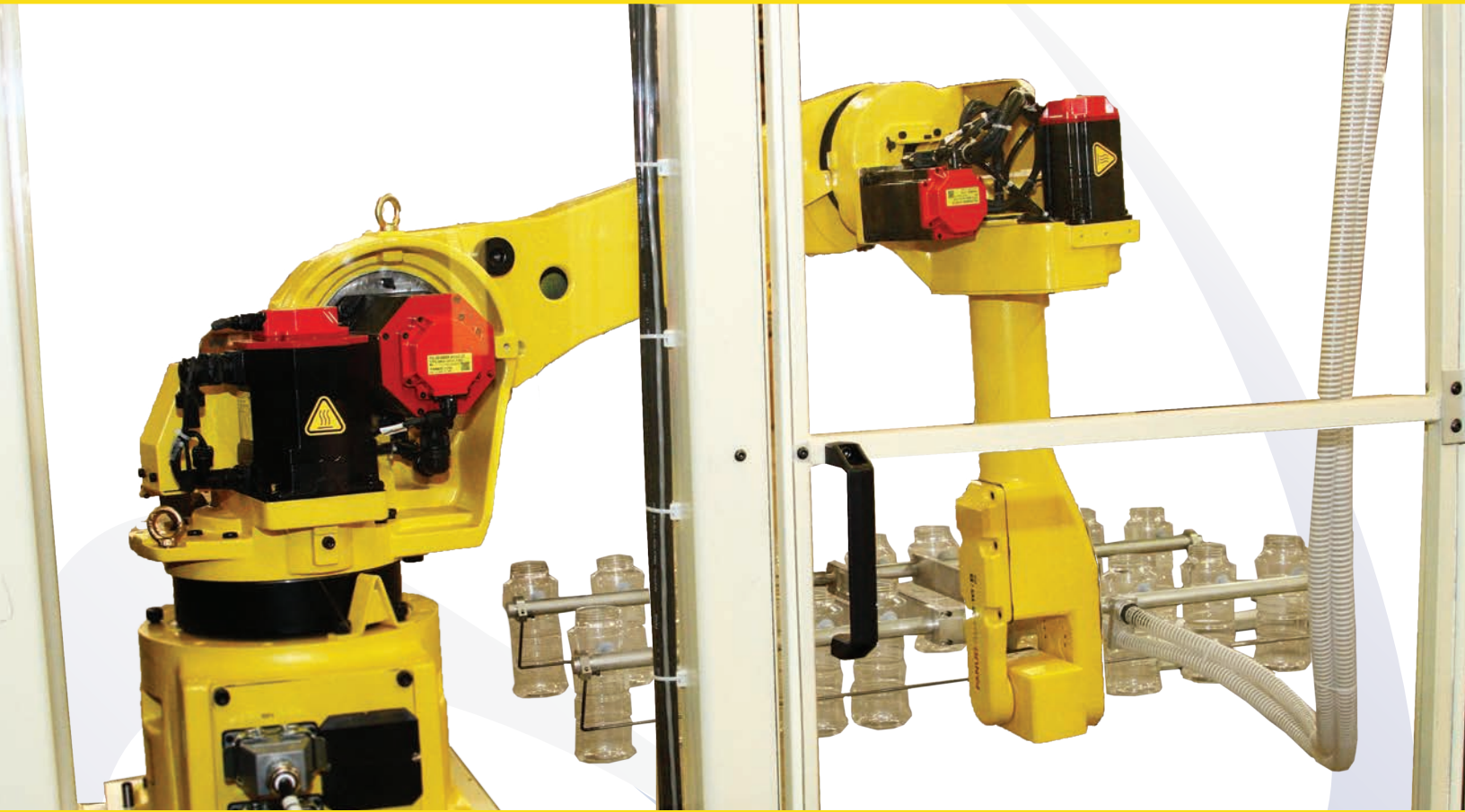


Keeping manufacturers competitive with  
**quality robotic solutions**



## Robotic SUBTA an in-line automated solution for handling and unloading PET bottles

Motion Controls Robotics' SUBTA (Stand Up Bottle Take Away) is a pre-engineered robotic system designed for PET blow-molded bottle handling. Motion Controls Robotics has the largest installed base of SUBTA robotic systems throughout the country, with many satisfied repeat customers. The SUBTA systems work with most major molding machines.

The Robotic SUBTA system enables in-line automated PET bottle handling and unloading for coating, leak checking, case packing and bulk palletizing. The Robotic SUBTA system uses the FANUC M-10iA robot to grab and set bottles on a conveyor standing up, acting as a takeaway unit.



# In-line automated solution for handling PET bottles



Robotic  
SUBTA

## SUBTA Standard System Features

- Standard RIA safety compliance
- Operator pendant for adjustments and error reporting
- More than 10 screens of operational data, settings and status
- Electronically guarded service doors to provide easy access for adjustments and troubleshooting
- The tooling provided allows for angled and/or tapered bottles to be used within the system
- Quick recovery from emergency stops
- Durable welded tubular construction with low- maintenance state-of-the-art components



The Robotic SUBTA system is flexible and precise it handles any mold configuration (single or double row) and provides quick changeover. The programmable built-in operator pendant has stored recipes and



menu selection for patterns and allows for on-the-fly adjustments. The 20-part recipe keeps data such as part description pick, place locations, and vacuum pattern. The system has a mean time of 5 years between failures, making it very reliable.

**Robotic SUBTA** system is easy to use since it is portable and rolls away from the molding machine to allow for mold changes. It can be operated intuitively with easy-to-use pattern teaching.

Watch a SUBTA system in action.



## SUBTA System Options

- Single or double row models available
- 240V or 480V
- Custom operating envelopes
- Custom cavity centerlines
- Custom end of arm tools for unique bottles
- Controls for conveyors and vacuum blowers
- Scrap conveyor

**Our systems help manufacturers save time and money.**

## Connection and Installation

- **FANUC** M-10iA Robot
- Robotic SUBTA system requires minimum floor space
- Quick hand latches to connect and disconnect SUBTA from mold machine
- Uses standard SPI connection
- Installed in as little as one day
- Portable - can be moved from one mold machine to the other
- Tooling is interchangeable between SUBTAs

