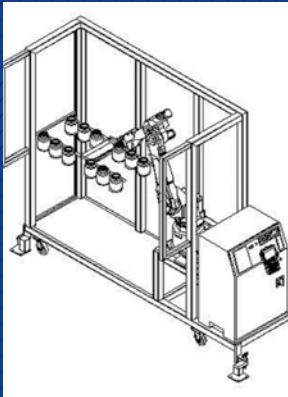


ROBOTIC SUBTA

In Line Automated Solutions for handling and unloading PET Bottles

WHAT IS A ROBOTIC SUBTA?

The Robotic SUBTA system enables in-line automated PET bottle handling and unloading for coating, leak checking, case packing and bulk palletizing. For larger mold machines, the system uses the FANUC M-6iB or the M-16iB robot. Systems that work with smaller mold machines use the smaller FANUC LR Mate 200iC robot. The Robotic SUBTA system grabs and sets the bottles on a conveyor standing up, acting as a takeaway unit.



Description:

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 company has developed SUBTA systems for most major molding machines on the market and sets itself apart by providing excellent service and technical expertise to all of its customers. Motion Controls Robotics can help keep your company competitive.



Benefits

Easy to use

- Easy change over – system that rolls away from molding machine to allow for mold changes
- Intuitive operation with pattern teaching
- Easy access door to bottle pick area to allow for adjustments
- Simple tooling for angled and/or tapered bottles
- Operator pendant for recipe adjustments and error reporting

Increased throughput

- High reliability and uptime
- Faster cycle times than most mold machine

Reduced costs

- Labor savings of up to two people per shift
- Automated machine reduces worker compensation costs
- Reduced floor space requirements

Flexible and precise

- Handles single or double row mold configuration
- Precise, 6-axis servo-controlled system
- Quick changeover using quick change tooling and stored recipes

Portable

- Can be moved from one mold machine to the other
- Tooling is interchangeable between SUBTAs

Programmable

- Built-in operator pendant with stored recipes
- Menu selection for patterns
- Adjust pick and place positions, on-the-fly
- Stores recipes and allows for easy retrieval
- 20 part recipe keeps part data such as part description pick, place locations and vacuum pattern



OUR SYSTEMS HELP
MANUFACTURERS
SAVE TIME AND
MONEY

WE OFFER AN
UNHEARD OF 3 YEAR
WARRANTY

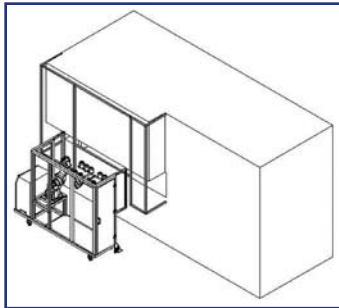
ROBOTIC SUBTA (Stand Up Bottle Take Away)

Durability and Reliability

- 5 year mean time between failures
- Rugged welded tubular construction
- Low maintenance requirements
- Straightforward tooling, eliminating need for multiple hoses that can develop leaks or become damaged
- An unheard of 3 year warranty

SUBTA Standard System Features

- Electronically guarded service doors to provide access for adjustments and troubleshooting
- Quick recovery from emergency stops
- RiA 15.06 safety standard compliance
- Operator pendant for adjustments and error reporting
- More than 10 screens of operational data, settings and status



SUBTA with typical mold machine



Connection and Installation

- Uses standard SPI connection
- Quick hand latches to connect and disconnect SUBTA from mold machine
- Installed in as little as one day

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



KEEP YOUR COMPANY COMPETITIVE!