

## ROBOTIC CASE PACKER

Automated solutions for case packing bottles.

### Description:

Motion Controls Robotics' Case Packer is a pre-engineered robotic system designed for case packing bottles. Flexibility is designed into the system since it can be moved from mold machine to mold machine, via casters and over-sized leveling pads. This feature also makes the system easy to move for service and to access machine tooling. Motion Controls Robotics provides excellent service and technical expertise in automated solutions, keeping your company competitive.



### Benefits

#### Easy to use

- Easy change over – system rolls up to the end of an existing bottle conveyor
- Bottles may be stacked, upright, inverted and horizontal using automatic tool changers
- Easy access door for change over adjustments
- Tooling is adjustable for a wide range of product sizes and pick positions
- Operator pendant for recipe management and error reporting

#### Reduced costs

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

#### Flexible and Precise

- Cycle time as fast as eight rows per minute
- Handles multiple bottle sizes
- Standard corrugated and plastic/film lined cases
- Precise, 6-axis servo-controlled system
- Automatic tool change over

#### Portable

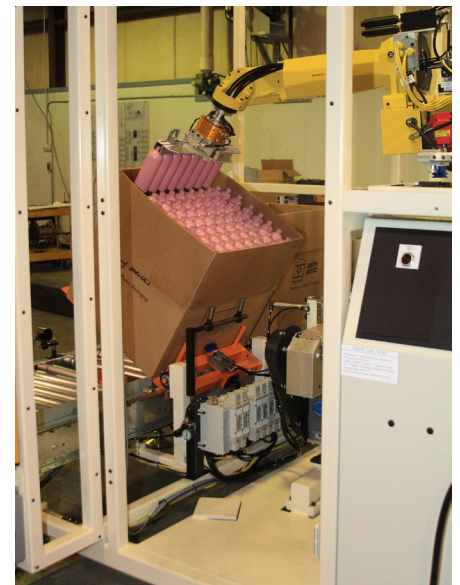
- Can be moved from mold machine to mold machine
- Interchangeable tooling between packers

#### Programmable

- No need for direct teaching of points
- Built-in operator pendant with stored recipes
- Menu selection for patterns/pack outs
- Adjustable pick and place positions, on-the-fly
- Offline programming via easy-to-use text file
- 200 part recipes keeps data such as part description, pick/place locations and stack patterns

#### Upgradable

- Case in-feed conveyor can be attached to automated box erector
- Completed cases can be conveyed to automated case sealers for taping



### WHAT IS A ROBOTIC CASE PACKER?

The Robotic Case packer system allows bottles to be automatically packed into unlined or lined corrugated pre erected cases. The system utilizes the FANUC M-20iA robot. Bottles are fed into the system via flat top conveyor and transferred onto the systems vacuum flat top conveyor. Erected cases are placed on the case conveyor and are automatically registered for packing. Packed cases exit the system for easy removal.



OUR SYSTEMS HELP  
MANUFACTURERS  
SAVE TIME AND  
MONEY

WE OFFER AN  
UNHEARD OF 3 YEAR  
WARRAANTY

# ROBOTIC CASE PACKER (CASE PACKING BOTTLES)

## Durability and Reliability

- 5 year mean time between failures
- Rugged welded tubular construction
- Low maintenance requirements
- Fully adjustable tooling for quick change over

## Case Packer Standard System Features

- Electronically guarded service door 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

## Connection and Installation

- Stand alone design requiring only air and power drops
- Installed in as little as one day

## Case Packer System Options

- Inverted bottle placement
- Horizontal bottle placement
- Custom end of arm tools for unique bottles
- Controls for additional conveyors
- Fallen bottle detection



Inverted bottle placement option



Horizontal bottle placement option



AUTOMATED SOLUTIONS FOR CASE PACKING BOTTLES



KEEP YOUR COMPANY COMPETITIVE!