



ROBOTIC PALLETIZER TOOLING

MODEL MRPT

ROBOTICS EXPERIENCE

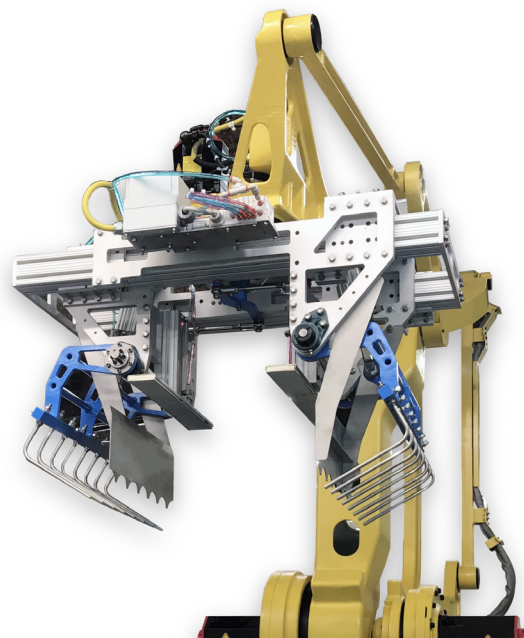
Magnum Systems, Inc. has been in the Robotic Palletizing and Bag Placing market since 2004 with the introduction of the TRV 1000 valve bag placer, followed by the TRP 3000 bag palletizer in 2005, and the TRD 2000 buckhorn box de-nester in 2014. Over the years, the number of robotic arm manufacturers has grown to almost commodity levels, but the constant for successful application remains in efficient programming and container manipulation experience. Magnum Systems has remained a leader in quality applications.

EFFICIENT PROGRAMING

At the root of each application is a custom program based on the container size(s), number of functions required, system layout, and space limitations. The Magnum Systems team determines the most efficient motions for the robotic arm and tooling to provide the safest, most reliable, and most productive operation of the robot.

APPLICATION EXPERIENCE

For more than 47 years, Magnum systems has been designing and installing packaging lines. These lines fill everything from 4,000 lb FIBC's, all the way down to 4 oz pouches. We understand that knowing the type of container, dimensions, and desired capacity is only the first step of the application solution. When it comes to robotic equipment, our experts also understand the application may ask the robot to handle more than just containers and more than one function. We are proud to introduce the Magnum Robotic Palletizer Tool, designed by container handling experts to meet each custom application.



UPGRADE YOUR END OF ARM TOOLING WITH MAGNUM'S NEW MODEL MRPT

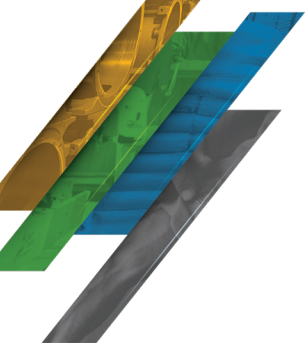
Features:

- Auto adjustment on the fly.
- Linear bag squaring.
- Proof of position Indication.

Benefits:

- Increase process line efficiency.
- Precise bag placement on pallet.
- All functions are proofed back to robot, for justification on a fully automated line.

Engineering, Design & Manufacturing
to Keep the Line Moving



ROBOTIC PALLETIZER TOOLING

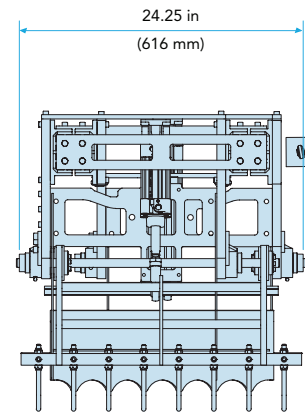
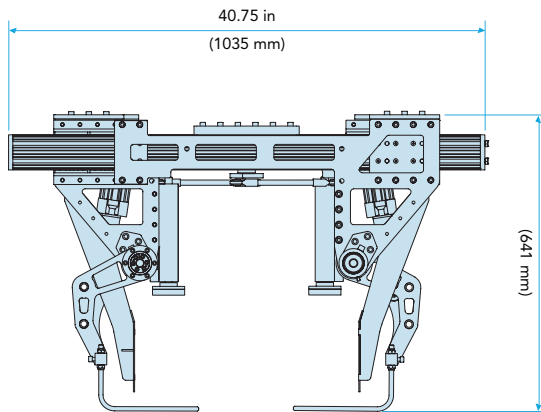
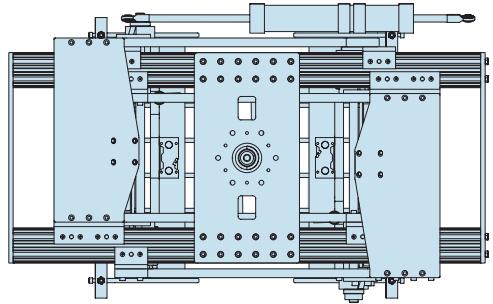
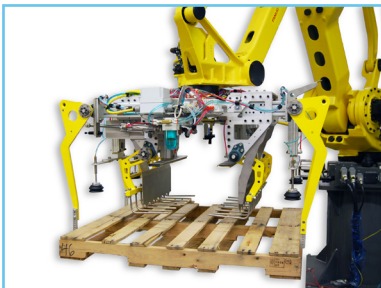


Diagram dimensions are for reference only*

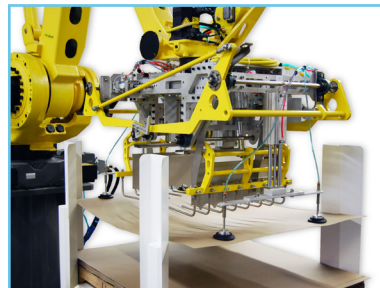
BAG HANDLING CAPABILITIES

Weight	35 lbs to 100 lbs (15.88 kg to 45.36 kg)
Length	14 in to 40 in (355.6 mm to 1016 mm)
Width	14 in to 20.5 in (355.6 mm to 520.7 mm)
Thickness	3.5 in to 7 in (88.9 mm to 177.8 mm)
Rate	Varies based on application



PALLET ACCESSORY

- Retrieve and Place Empty Pallet
- Pallet Present Sensor
- Ensures pallet is in correct position for picking and placing.



SLIP SHEET ACCESSORY

- Retrieve and Place Slip Sheet on Pallet
- Single Source Vacuum Suction
- Pressure Indication Sensor for loss of suction. Blow off capability ensures slip sheet is quickly and positively released.



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