



ROBOTIC PALLETIZER

MODEL TRP-3000

Magnum Systems' TRP-3000 is a robotic palletizer. This robotic palletizing system offers great handling of bags or other containers. When supplied with Magnum's MRPT end effector, the results are a palletizing solution that is engineered for precision high-speed/high-payload operation, user-friendly setup, and maximum reliability.

ROBOTIC PALLETIZING WITH SPEED, PRECISION, AND FLEXIBILITY

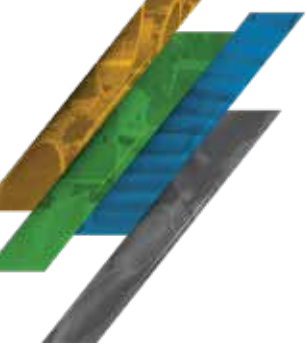
Features

- Direct labor savings and improved personnel scheduling and utilization
- Reduces repetitive motion personal injury
- Fastest cycle time and highest payload in robot class
- High-performance motion yields fast cycle times and high throughput
- Flexibility to service multiple production lines
- Palletize open-mouth or valve bags
- Requires minimal programming and maintenance
- Integrated controls and robot teach pendant

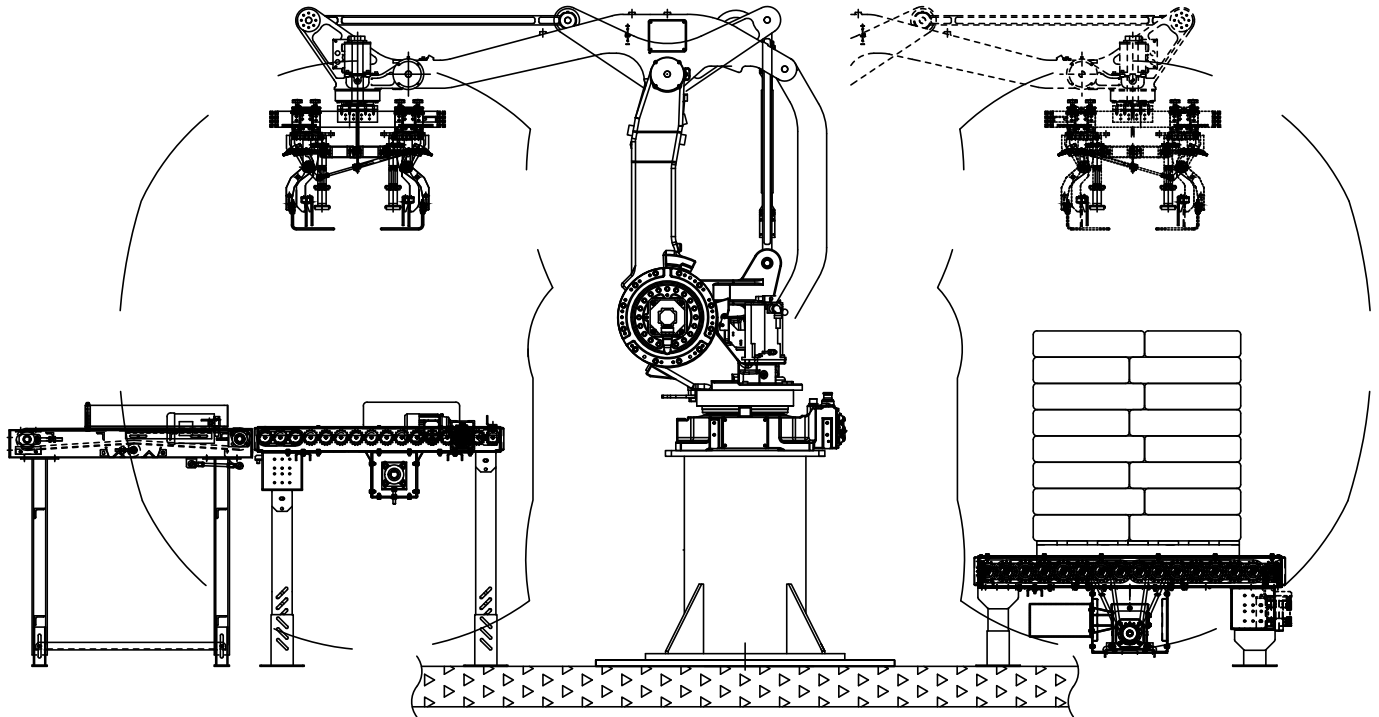
Optional Features

- Pallet retrieval tooling
- Slip-sheet tooling
- Pallet dispenser
- Upstream conveying
- Pallet-stacking stations
- Downstream conveying and shrink-wrapping equipment





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SPECIFICATIONS

Motion Range	248.0 in (6299 mm) <i>(to be determined by each application)</i>
Speed	System can process up to 27 bags per minute <i>(to be determined by each application)</i>
Configuration	Single or multi line/machine
Electrical Requirements	480 volt, 3 ph, 40 amps
Air Requirements	90 psi @ 5 CFM (STD Bag Grippers only) 90 psi @ 15 CFM (Slip Sheet Covers)
Robot Arm Axes	Four



MRPT END EFFECTOR

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

Optional

- Slip-sheet placer
- Pallet placer



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