MAGNUM SYSTEMS

ROBOTIC PALLETIZER

MODEL TRP-3000

Robotic palletizing with speed, precision, and flexibility

Magnum Systems' TRP-3000 is a robotic palletizer. This robotic palletizing system offers great handling of bags or other containers. When supplied with Magnums' 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.



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

VALVE BAG AIR PACKER

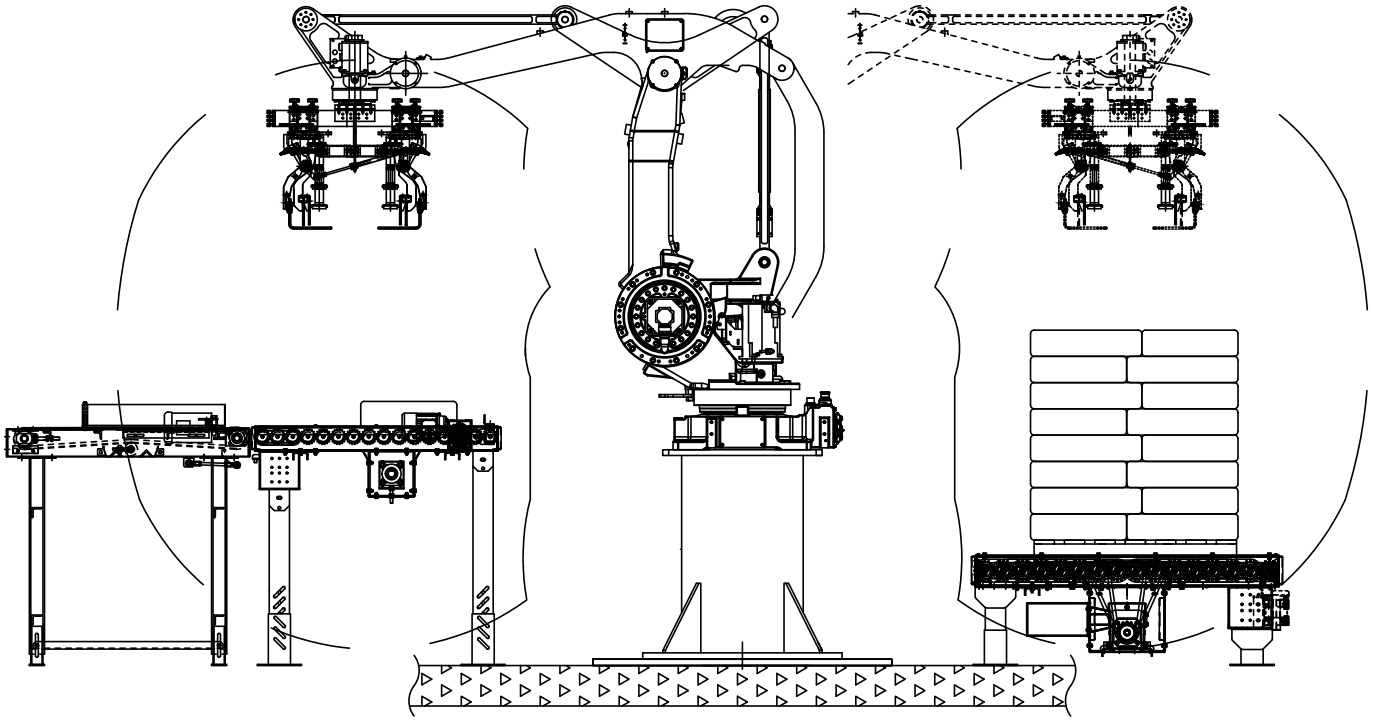


Diagram dimensions are for reference only*

SPECIFICATIONS

Motion Range	248.0 in (6299 mm) (to be determined by each application)
Speed	System can process up to 27 bags per minute (to be determined by each application)
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

MADE IN USA

Member of PMA

MEMBER PMMI

MAGNUM SYSTEMS

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