



SMOOT

TAYLOR

ROBOTIC VALVE BAG PLACER

MODEL TRV-1000

Magnum Systems' Model TRV-1000 offers robotic valve bag placing technology. With many years of experience in container handling plus numerous applications for determining the most efficient motions for the robotic arm and tooling to provide safe, reliable, and productive operation of the robot. The TRV-1000 is capable of placing valve bags on multiple machines, being mounted in multiple positions, and customizable to your specific application.

ROBOTIC VALVE BAG PLACEMENT WITH SPEED AND PRECISION

Features

- Direct labor savings and improved personnel scheduling and utilization
- Reduces repetitive motion personal injury
- Multiple mounting positions, compact size, and small footprint facilitate placement in tight surroundings
- Dust and water-resistant design maximizes durability
- Flexibility to handle multiple-sized products with one robot
- Requires minimal programming and maintenance
- Integrated controls and robot teach pendant
- Application specific end-of-arm tooling

Optional Features

- Downstream conveying and palletizing equipment
- Indexing bag magazine
- Bag valve pre-opener



Model TRV-1000 robot placing 50 lb bags.

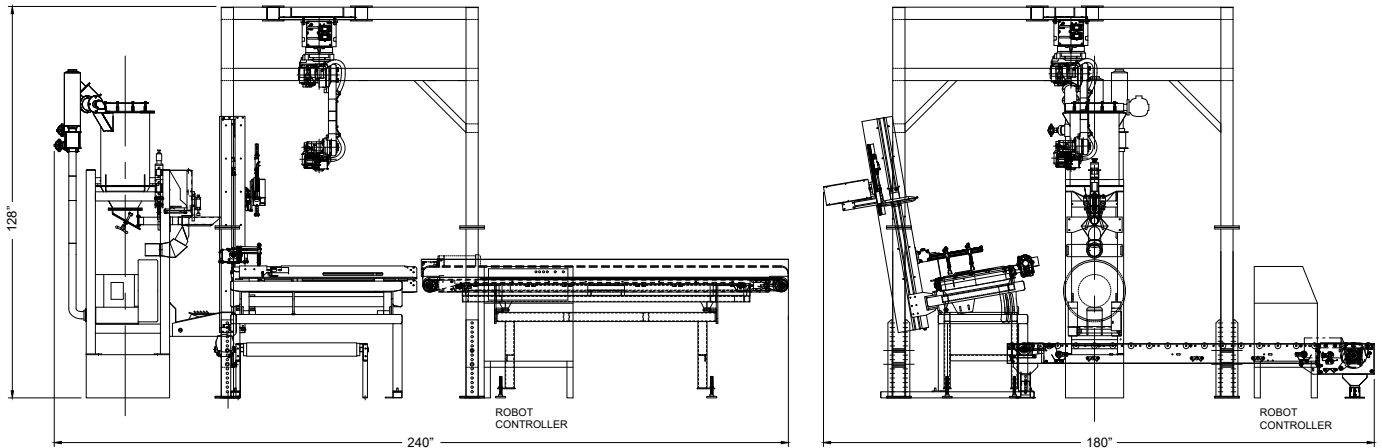


Three Model A Valve Bag Fillers with Robotic Bag Placing.

One Partner For All Your Material Handling Needs.

ROBOTIC VALVE BAG PLACER

Diagram dimensions are for reference only*



SPECIFICATIONS

| | |
|-------------------------|--|
| Speed | System can process up to 15 bags per minute <i>(to be determined with each application)</i> |
| Typical Footprint | Horizontal bag magazine configuration 255" x 118" x 107" <i>(to be determined with each application)</i> |
| Configuration | Single or multi-spout machine |
| Electrical Requirements | 460 volt, 3 ph, 40 amps |
| Air Requirements | 25 SCFM @ 80/100 psi |
| Robot Arm Axes | Six |
| Mounting Method | Inverted, wall, angle, overhead |



CLAMP END-OF-ARM TOOL (EOAT)

- Clamp grip-on bag
- Bag pre-opener integral to bag magazine
- Pneumatic suction on bag for pre-opener
- Used with indexing belt-bag magazine



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www.magnumsystems.com

Toll Free 800.748.7000 Fax 913.362.7863
7945 Flint Street, Lenexa, KS 66214