

A photograph of a large industrial bagging machine, the PTR Series Open-Mouth Bagger. The machine is primarily white with a grey base and features two prominent yellow robotic arms. It is mounted on a sturdy metal frame. The background is a plain, light-colored surface.

PTR SERIES
Open-Mouth Bagger

The most versatile Open-Mouth Bagger (Patent pending)

Premier Tech is pleased to introduce one of its latest bagging innovations: the PTR-1030 Series Open-Mouth Bagger (Patent pending). Highly versatile, reliable and precise, this state-of-the-art system can adapt to applications that require multiple bag materials, bag sizes and bag closing devices. It uses two FANUC robots, one for empty bag handling and one for filled bag control. The two robots provide both reliability, by simplifying the mechanical aspect and limiting the number of moving parts in the machine, and precision, with their proven accuracy. The empty bag handling robot can be upgraded with a vision system which realigns

the top of the bag during the empty bag placing motion, thus ensuring the highest precision during the bag closing process. The PTR-1030 can fill either gusseted or pillow-type open-mouth bags, and can handle paper, PE and laminated polywoven bags. As an option, porous polywoven bags can be used.

The PTR-1030 Series Open-Mouth Bagger is the most versatile and agile bagger in the industry, providing speedy bag size changeovers.

Applications

The PTR-1030 is mainly designed for bagging dry free-flowing materials such as pet food, feed, grain, rice and seeds, when bag changeovers are frequent and need to be fast, and when high OEE (Overall Equipment Effectiveness) is required.



Features and benefits

- Two FANUC robots for precision and reliability
- All parts in direct contact with the product are made of 304 stainless steel
- Bag-on-spout detection system to avoid product loss due to spillage
- Very fast bag size changeover
- Low head-room
- Small footprint for floor space optimization
- Compact design and smart wiring allowing for a quick installation
- Compatible with all closing systems

Options

- Automatic correction of the bag position on the spout
- Fully automatic bag size changeover
- Upgrade for porous polywoven bag
- All types of net weigh scale feeders
- All types of bag closing systems



Upper Belt Exit to bag closer



Allen-Bradley PanelView Plus 1000 (10.4") color - touch screen

Production rate

Up to 18 BPM

Technical data

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| Typical Equipment Dimensions: | Length: 130" (3302 mm) Width: 125" (3175 mm) Height: 80" (2032 mm) |
| Bag specifications: | Material: Paper, PE, laminated and porous polywoven (option) Type: Pillow-type and gusseted open-mouth bags Width: 11" to 24" (279 to 610 mm) Length: 20" to 40" (457 to 1016 mm) |
| Electrical requirements: | 460 V / 3 Ph / 60 Hz |
| Control system: | Allen Bradley CompactLogix |
| Standard HMI: | Allen Bradley PanelView Plus 1000 (10.4") - color, touchscreen |
| Pneumatic components: | SMC Pneumatics |



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