

ROBOTIC VERTICAL PACKER

Side-load case packing

The BluePrint Automation vertical packer case packs vertically into secondary container. The system is ideal for fragile products such as bags of chips and other snacks and is now supplied with an optional automatic changeover (virtually no manual adjustments)! Simply select your product code and the end-effector and cassette automatically change over to your next bag and case size. It's that simple! Benefits of this system include:

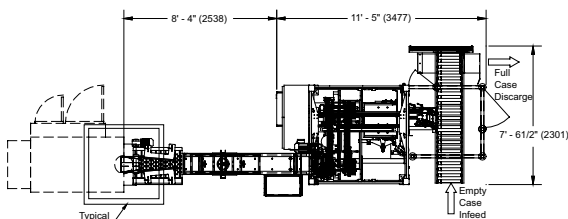
- **Auto Changeover:** Bounces back to maximum efficiency after the changeover process is complete.
- **Versatile:** Designed to run bags and cartons on the same machine.
- **Programmable:** Robotic motion easily controlled through operator interface.

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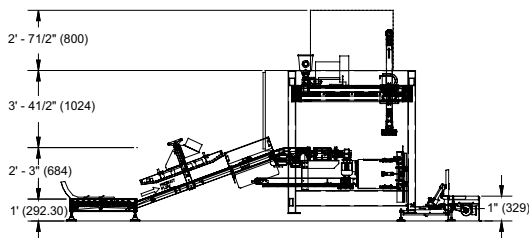
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Top view



Side view



Our company and solutions...

We built our reputation with systems that load bags, pouches and other flexible packages into cases and other secondary containers. With over 20 years of experience, BluePrint Automation offers a large choice of standard and customized product collation modules, as well as a wide variety of end-of-arm tooling.

How the "Vertical Packer" works...

Product is collated into a group using our Smart-Trak collation system. The product is then picked by one of our specially designed end-effectors. The fully servo-driven robot ensures smooth placement of the product into an intermediary cassette. Cases are tipped towards the cassette and the entire stack is side-loaded into the secondary container for a stand up (vertical) presentation.

The Robotic Vertical Packer, with its smaller footprint and patented high-speed collation method, is available with integrated or reusable case erection and closing for new or re-usable cases.

Machine characteristics and specifications:

- **Auto-Changeover (Optional):** Providing our customers with a solution that bounces back to maximum efficiency after the changeover process is complete
- **Versatile:** Designed to run bags and cartons on the same machine
- **Programmable:** Robotic motion easily controlled through operator interface

Construction:

Painted carbon steel or stainless steel available. Varying degrees of wash down if required.

Safety:

Fully guarded and interlocked. Power to customer's specifications.

Bag type:

Bags of fragile product such as chips and other snacks; vertical packing of rigid products

Speed:

Up to 150 packages per minute.

Examples:

snacks, confectionery, fresh vegetables, salads, shredded cheese, sugar, coffee, nuts, spices, etc.