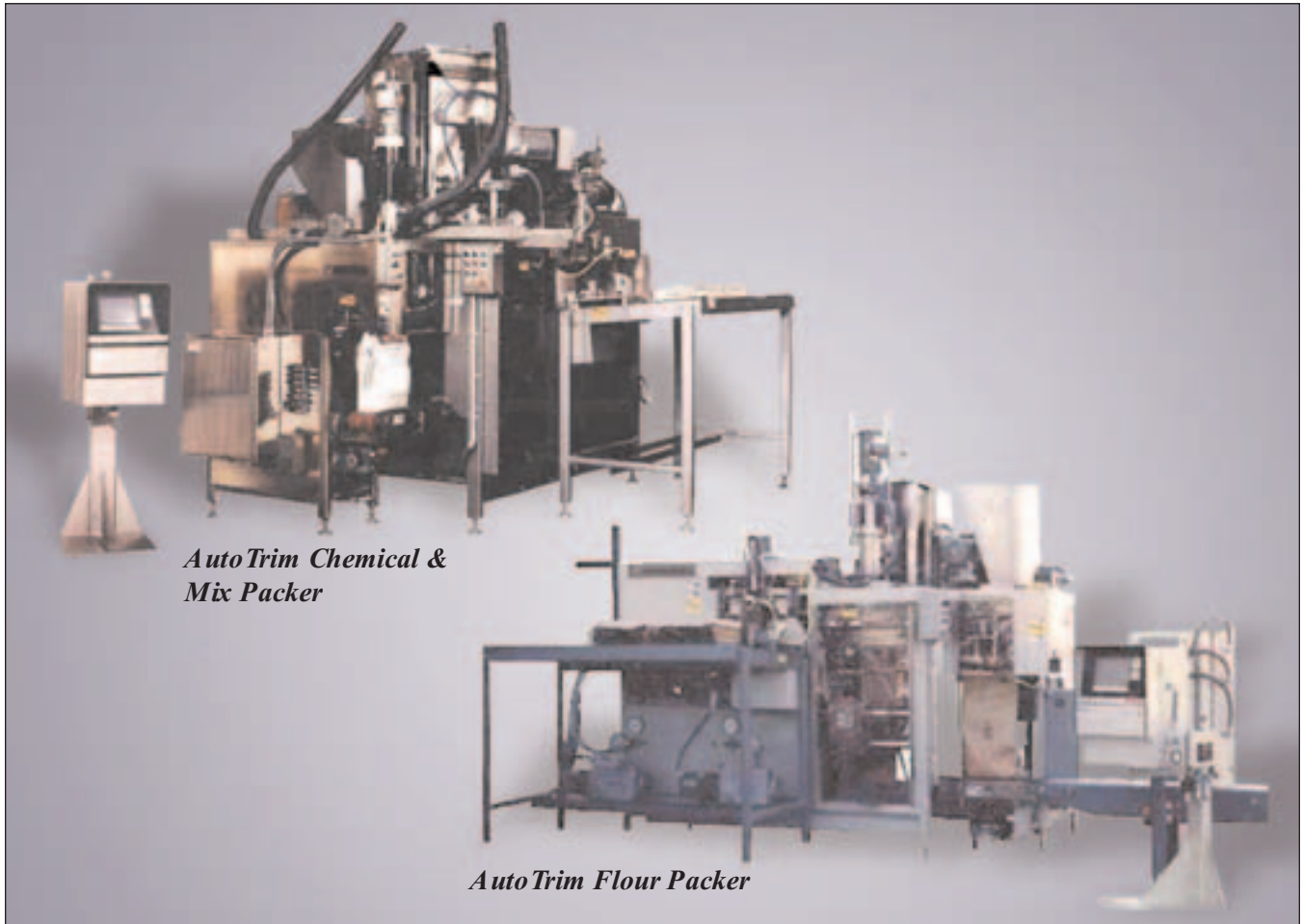


AutoTrim® Packers Series 7116



Standard Features:

- A completely automatic system that requires no manual labor
- Inline operation to maintain bag top control
- An integrated, two-stage feed that ensures accuracies and maintains speeds
- A positive auger control that handles a variety of products while minimizing dust
- Computer control that allows fill-time adjustments automatically while making a variety of data available
- Tube-in-bag filling to provide better product and dust control

Barry-Wehmiller

AutoTrim® Packers Series 7116

Thiele Technologies AutoTrim® Packers are completely automatic, integrated bag packaging systems. They offer automatic bag feeding, registration and positive bag opening, dual auger bulk filling, a vibratory or auger top-off station, and positive bag control throughout the system.

The **Chemical Packer** features a feeder section that is designed to handle a variety of chemical products. The dual bulk and dribble auger feed system is capable of feeding many hard to handle products. The Chemical Packer also features a durable, corrosion-resistant package for harsh environments, integral dust collection ports to further control product dusting, and a product collection pan to help maintain a clean packaging environment

The **Flour Packer** features a feeder section that is designed to handle a variety of flour products. The bulk feed dual auger system and vibratory top-off is able to feed free-flowing products while maintaining speed and accuracy.

The **Mix Packer** features a feeder section designed to handle a variety of food and bakery mix products. The dual bulk and dribble auger feed system is capable of feeding products with relatively high moisture and fat content.

AutoTrim Chemical Packer features a durable corrosion resistant package for harsh environments, integral dust collection ports to further control product dusting, and a product collection pan to help maintain a clean packaging environment

Operation

Bag Placement - The cycle begins with the bag placer selecting a PBOM (pinch bottom open mouth) or SOM (sewn open mouth) bag from the top of a stack of bags located in the magazine. The selected bag is fed to the registration area where the bag is registered side to side and top to bottom. Registration is maintained throughout the filling, closing and sealing cycle.

Transfer and Opening - After registration, the bag is picked up by the carriage assembly, with the gussets held securely in place, and transported to the bulk filling station. Opposing vacuum cups open the center section of the bag for filling.

Bulk Fill Station - At the bulk filling station, the horizontal and vertical auger begin the volumetric bulk filling of the bag. During the filling process, the bottom of the bag is vibrated to settle the product. After the fill is completed to approximately 2 lbs. (1 kg.) of targeted final weight, the bag top is reformed and presented to the trim filling station.

Top-Off Station - The bag is transferred without losing control of the formed bag top. The bag stops when it is in the proper position, is held by the bag top clamps at the bag gussets, and is reopened with vacuum cups for topping off. If the weight is not within the set limit, the CompuTrac computer will change the volumetric charge by adjusting the time that the bulk filling auger feeds product into the next bag. The bag is topped off by a horizontal/vertical auger combination or a vibratory feeder to the proper final weight. When weighing is complete, the bag is reformed and fed into the closing machine without losing control of the bag top.

Bag Reforming and Closing

As the accurately filled bag moves along the closing conveyor, the bag top is fed into the entrance guides of the bag closer and then conveyed through. The bag is sealed by either a heat sealer, band sealer or sewing pedestal and is ready for transfer (by conveyors) to a palletizing system.

Specifications

SPEED

Flour Packer	Up to 12 bags per minute*
Chemical Packer	Up to 10 bags per minute*
Mix Packer	Up to 10 bags per minute*

POWER REQUIREMENTS

Input Power	240/480 volt, 3 phase, 60 Hz	
Control Circuit	115 volts provided through control transformer	
Maximum Draw	240 volts	
	480 volts	70 amperes

AIR REQUIREMENTS

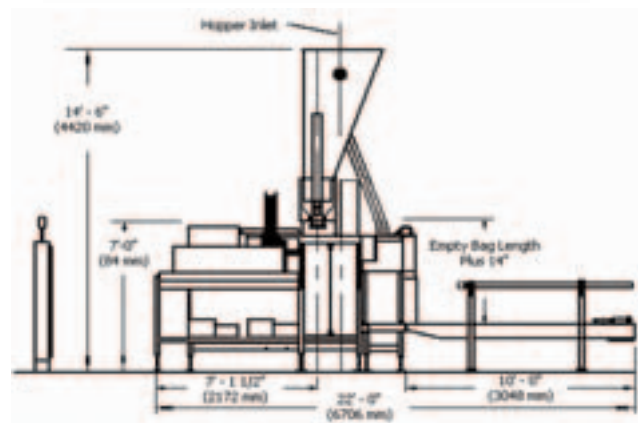
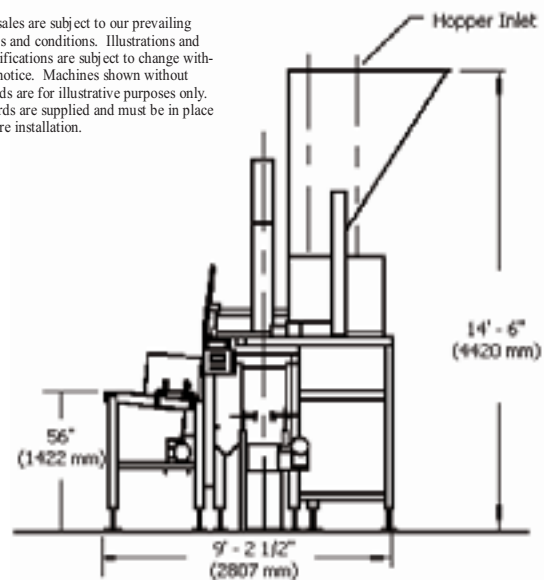
Operating Pressure	80 psi (5.4 Atm)
Line Pressure	90 psi (6.1 Atm)
Free Air/Cycle	1.55 cubic ft.

WEIGHT

Approximately 7,000 lbs. (3,175 kg)

*Dependent on product flow characteristics, bag weight and material bulk density

All sales are subject to our prevailing terms and conditions. Illustrations and specifications are subject to change without notice. Machines shown without guards are for illustrative purposes only. Guards are supplied and must be in place before installation.



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