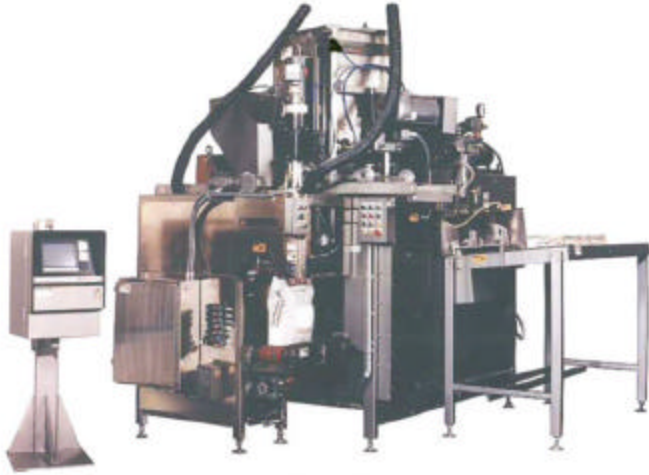
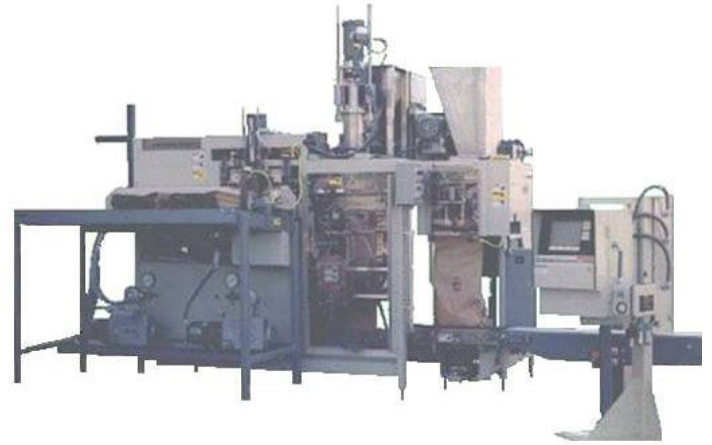


## AutoTrim® Packers Series 7116



*AutoTrim Chemical & Mix Packer*



*AutoTrim Flour Packer*

Thiele Technologies AutoTrim® Packers are completely automatic, integrated bag packaging systems. They offer automatic bag feeding, registration and positive bag opening, dual auger product handling and bulk filling, vibratory 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 **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.

### STANDARD FEATURES INCLUDE:

- Completely automatic system - requires no manual labor
- Inline operation - maintains bag top control
- Integrated two-stage feed ensures accuracies and maintains speeds
- Positive auger control that is capable of handling a variety of products while minimizing dust
- Computer controlled allows fill time adjustments automatically while making a variety of data available
- Tube in bag filling provides better product and dust control
- **AutoTrim Mix and Flour Packers** feature interchangeable feeders for easy clean-out
- **AutoTrim Chemical Packer** features a removable feeder, 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

# Barry-Wehmiller

## 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. The bag is 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 data center computer will change the volumetric charge (bulk filling) 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 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. The bag is then conveyed through the bag closer. 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.

## FEEDER SECTION

**AutoTrim Flour Packer** - The bulk fill uses a combination of product agitators, horizontal and vertical augers to transfer and feed product to the bulk fill station. The vibratory feeder for the top-off station is fed directly from the surge bin.

**AutoTrim Chemical & Mix Packers** - The Feeder section uses a combination of product agitators, horizontal and vertical augers to transfer and feed product to both the bulk fill and trim top-off stations. The feeder section can be completely removed for cleaning and maintenance with the use of a special cart. Additional feeder sections are available when quick changes and extensive cleaning is required.

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.

## MACHINE SPECIFICATIONS

### Speed

<i>Flour Packer:</i>	Up to 12 bags per minute*
<i>Chemical Packer:</i>	Up to 10 bags per minute*
<i>Mix Packer:</i>	Up to 10 bags per minute*

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

### Power Requirements

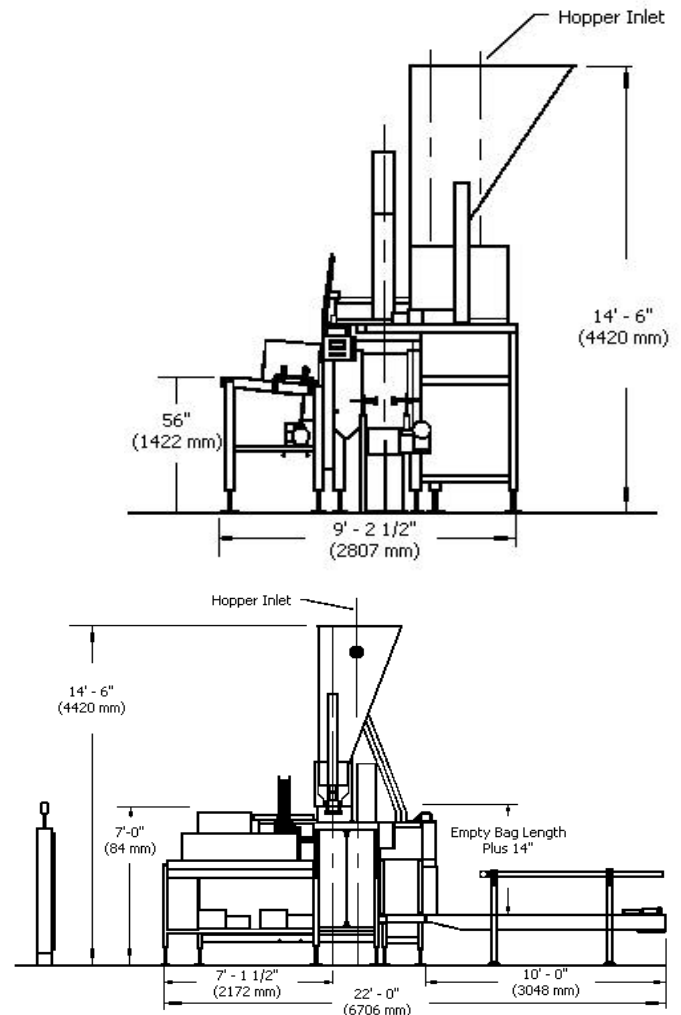
Input Power:	230/460 volt, 3 phase, 60 Hz
Control Circuit:	115 volts provided through control transformer
Maximum Draw:	230 volts = 70 amperes 460 volts = 35 amperes

### Air Requirements

Operating Pressure:	80 psi (5.4 Atm)
Line Pressure:	90 psi (6.1 Atm)
Free Air Per Cycle:	1.55 cu. ft.

### Weight

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



## Thiele Technologies, Inc.

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