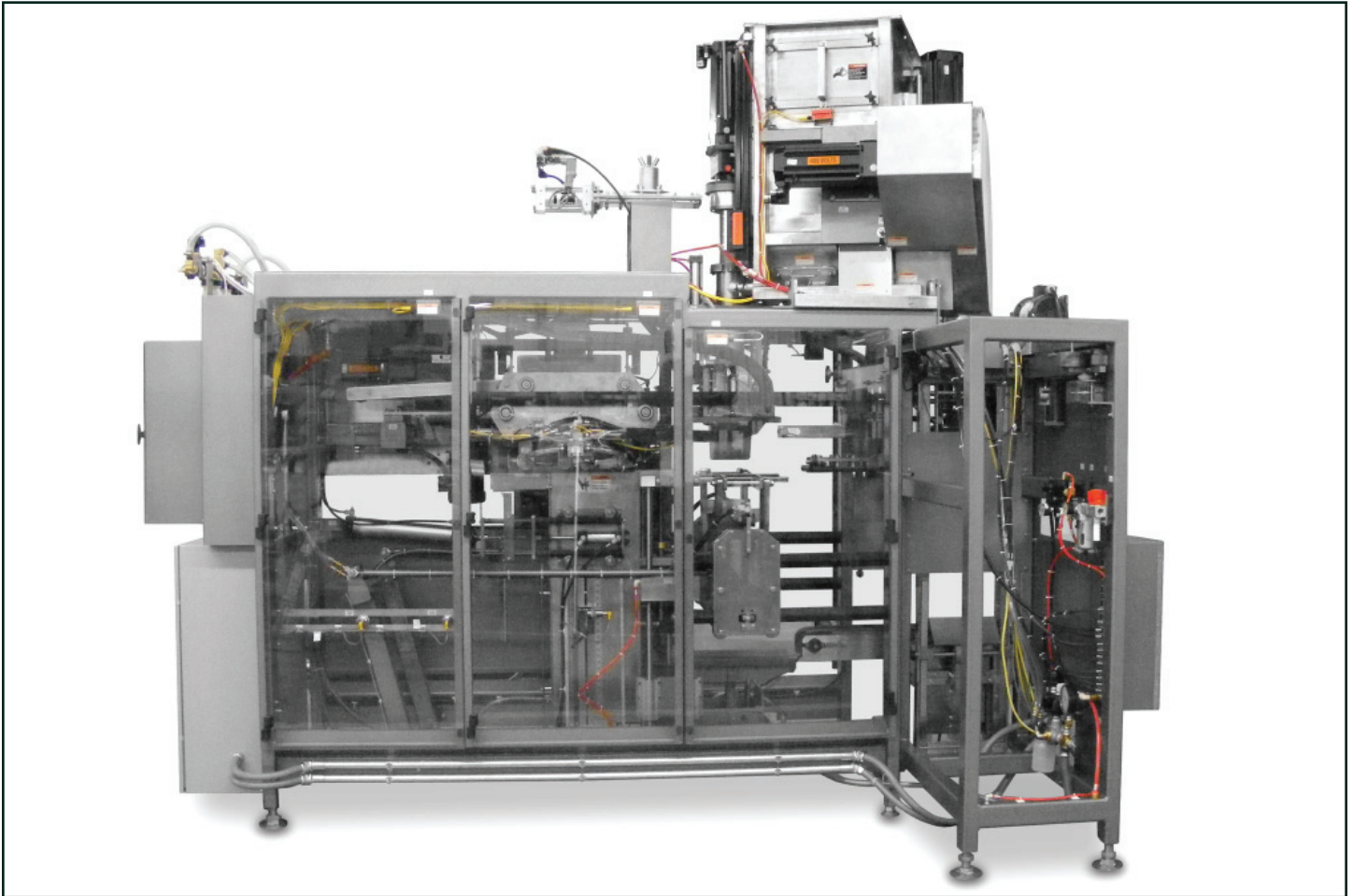


Thiele Technologies

AutoTrim® Packers Series 7116



Key Features

- Completely automatic system
- Inline operation maintains bag top control
- Integrated, two-stage feed ensures accuracies and maintains speeds
- Positive auger control handles a variety of products while minimizing dust
- Computer control allows automatic fill-time adjustments while making a variety of data available
- Tube-in-bag filling provides better product and dust control

Barry-Wehmler

BPMC

Streamfeeder

EDMEYER

NIGRELLI

HUDSON-SHARP

Salwasser

T I S M R

SWF

Thiele
Technologies

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.

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.

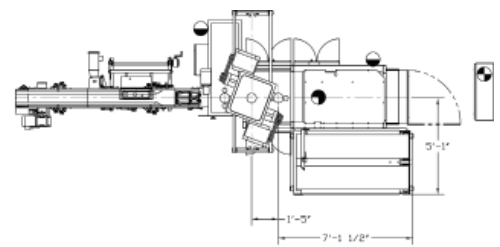
Transfer and Opening - After registration, the bag is picked up by the carriage assembly, with the gussets held securely in place, and transported to the bulk filling station. Opposing vacuum cups open the center section of the bag for filling.

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.

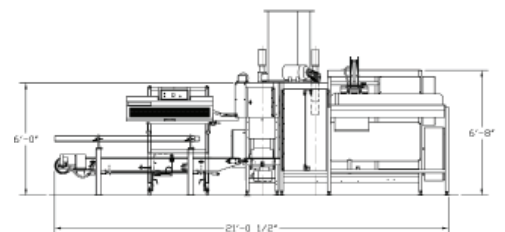
Top-Off Station - The bag is transferred without losing control of the formed bag top. The bag stops when it is in the proper position, is held by the bag top clamps at the bag gussets, and is reopened with vacuum cups for topping off. If the weight is not within the set limit, the CompuTrac computer 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 machine pedestal and is ready for transfer (by conveyors) to a palletizing system.

Specifications	
Production Speed	
Flour Packer	Up to 12 bags/min*
Chemical Packer	Up to 10 bags/min*
Mix Packer	Up to 10 bags/min*
Power Requirements	
Input Power	240/480 volt, 3 phase, 60 Hz
Control Circuit	24 VDC
Air Requirements	
Operating Pressure	80 psi (5.4 Atm)
Line Pressure	90 psi (6.1 Atm)
Free Air/Cycle	1.55 cubic feet
Weight	
Approximately 7,000 lbs (3,175 kg)	
*Dependent on product flow characteristics, bag weight and material bulk density	



Plan View



Elevation View

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 operation.

Thiele Technologies, Inc.

A BARRY-WEHMILLER COMPANY

315 27th Avenue Northeast, Minneapolis, MN 55418 USA • +1 (612) 782-1200
 sales@thieletech.com • www.thieletech.com