



T.D. Sawvel Co. Inc.

Providing Automated Packaging Solutions Since 1976

Notes:

MODEL #702-1

Automatic Volumetric Bulk Can Filler / 3 Gallon Filler / Bulk Can Filling Machine / Bottom-Up Volumetric Filler

Description:

High speed mechanically driven automatic bulk can filler featuring continuous product flow, automatic container transfer, Sawvel's exclusive Bottom-Up[®] volumetric filling and automatic lidding designed for enhanced reliability.

Products:

Ice cream, frozen yogurt, whipped butter or similar product that does not seek its own level and can be supplied continuously.

Key Features:

- Mechanical drive
- Sawvel's exclusive Bottom-Up[®] volumetric filling
- Continuous product flow
- Simple, reliable control circuits
- 180° rotation prior to lidding
- Diaphragm style lid feeder
- Maintenance free Intralox infeed conveyor
- Easy-to-clean lidding conveyor with motorized pulley
- Drip guards over fill station
- Wide range of custom tooling available
- Enhanced reliability
- Speeds to 4000 gph
- 304 stainless steel construction

Container Size Range:

- 1 to 3 gallon straight wall container
- Special tooling available for filling and lidding of nestle 3 gallon container
- Special set-up available as a dedicated box filler for 3 to 6 gallon
- Special set-up available for filling 5 gallon Sealright cans



Model Shown
702-1-5G

Options Available:

- Automatic bypass controls; diverts product if no container is present
- 1.5" or 3" bypass valves for ice cream and syrup
- Air driven tub spinner for rotating container as it fills
- Variegators: single and dual flavor, choice of air or electric drive
- Inline blender; provides uniform color from three-barrel freezer
- Marbling blender for multi-color mixes; creates a distinctive pattern while maintaining identity
- Neapolitan adapter for linear flavor separation
- Left hand controls

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Bottom-Up[®] is a registered trademark of T.D. Sawvel Co., Inc.

Toll Free: 877.488.1816 • Phone 763.479.4322 • Fax 763.479.3517 • 5775 Highway 12 West • Maple Plain, MN 55359 U.S.A



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Features and Benefits

Mechanical Drive:

The four primary motions of the machine are cam driven, including container denesting elevator, container clamps, container transfer shuttle and fill elevator.

- Provides smooth, high speed operation
- Simplifies control circuits
- Enhanced reliability; less down time = more profits
- Two year limited warranty on drive
- Less controls = fewer parts to fail, simplified trouble shooting

Sawvel's Exclusive Bottom-Up® Volumetric Filling:

Each container rises to meet the incoming product. The product pushes the container downward as it fills.

- Eliminates air pocket formation
- Removes air pockets coming from freezer or ingredient feeder
- Every container fills to the exact same volume, no more over or under fill complaints
- Percentage of freezer overrun determines weight

Continuous Product Flow:

Each container enters the fill station without product flow interruption.

- Straight fill pipe maintains pattern integrity, allowing you to produce the industries most attractive variegated and multi-colored patterns
- Reduced back pressure at the freezer
- Higher production rates are possible

Simple, Reliable Control Circuits:

- Saves you money on original purchase
- Saves you from expensive down time
- Saves you money on service trips

180° Rotation Prior to Lidding:

Each container is rotated 180° prior to the lid placer.

- Assures a clean lidding application
- Eliminated the need to wipe the container after lidding
- Friction driven turn around, no moving parts

Diaphragm Style Lid Feeder:

Picks lids with a vacuum cup through a rubber diaphragm instead of a spin rod assembly.

- Less moving parts = enhanced reliability
- Works even better on warped or imperfect lids
- Direct acting 4-way limit switches activates cylinder

Maintenance Free Intralox Infeed Conveyor Assembly:

- No tension required for this conveyor belt
- No tracking problems
- Longer life for bearings
- Easy-to-clean sanitary design

Easy-to-Clean Lid Conveyor with Tilt-Up Motorized Pulley:

- Spliced food grade belt for easy replacement
- Tilt-up motorized pulley for cleaning ease
- Motorized pulley eliminates chain drive for enhanced reliability



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Specifications and Elevation Drawing

Air Requirements:

7 cfm @ 80 psi

Electrical Requirements:

220V AC, 3 Phase, 60 Hz, 7 amps

Drive / Indexer Type:

Mechanical

Shipping Weight:

900 lbs.

Width:

1' 10 1/2" (57.2 cm)

Length:

11' 4" (345.5 cm)