



Notes:

## **MODEL #704**

### **Automatic Mechanical Drive Filler**

#### **Description:**

High-speed automatic volumetric bulk filler featuring stainless steel construction, automatic denesting, 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:**

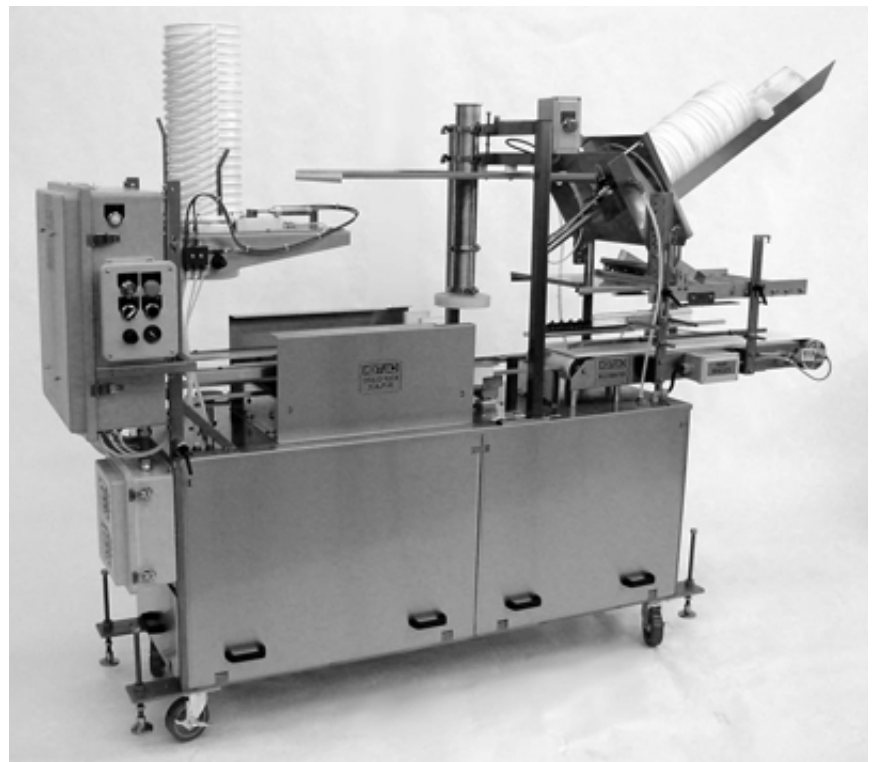
- Mechanical Drive
- Bottom-Up® volumetric filling
- Continuous product flow
- Simple, reliable control circuits
- 180° rotation prior to lidding
- Diaphragm style lid feeder
- Automatic container denesting
- Easy-to-clean lidding conveyor with motorized pulley
- Drip guards over fill station
- Wide range of custom tooling available
- Enhanced reliability
- Speeds to 3000 GPH

#### **Container Size Range:**

- 1/2 gallon / 64 ounce
- 1 gallon / 4 quart
- 5 quart
- 1 1/2 gallon
- 2 gallon
- 2 1/2 gallon
- 3 gallon

#### **Container Types:**

- Round, square or rectangular nestle containers



#### **Options Available:**

- Variigators: single and dual flavor, choice of air or electric drives
- 1.5" or 3" bypass valves for ice cream and syrup
- Automatic bypass controls, diverts product if no container is present
- Inline blender, provides uniform color from three barrel freezer
- Marbling blender for multi-color mixes, creates distinctive pattern while maintaining identity
- Neapolitan adapter for linear flavor separation
- Left hand controls (right hand is shown)
- Tooling for additional container sizes
- Programmable limit switch

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



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### **Features and Benefits**

#### ***Mechanical Drive:***

Three out of four primary motions of the machine are cam driven.

- Provides smooth, high-speed operation
- Simplifies control circuits
- Enhanced reliability: less down time = more profits
- Two year 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:***

Empty containers enter the fill station without product flow interruption.

- Reduced back pressure at the freezer
- Higher production rates possible
- Straight fill pipe maintains pattern integrity

#### ***Simple Reliable Control Circuits:***

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

Notes:

#### ***180° Rotation Prior to Lidding:***

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

- Assures a clean lidding application
- Eliminates 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

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## Specifications and Elevation Drawing

### WIDTH

22 1/2" (56.8 cm)

### LENGTH

9' 1/4" (274.8 cm)

### SHIPPING WEIGHT

1390 LBS.

### AIR REQUIREMENTS

10 cfm @ 80 psi

### ELECTRICAL REQUIREMENTS

220 V, 3 phase, 60 Hz  
(other voltages available upon request)

### DRIVE / INDEX TYPE:

Mechanical

