



Notes:

## **MODEL #120-SRVO**

**Automatic Inline High Speed Volumetric Filler**

### **Description:**

Automatic inline servo driven filler featuring stainless steel construction, automatic denesting, automatic container transfer, Sawvel's Exclusive Bottom-Up® volumetric filling and automatic lidding. Designed for 48 oz through 64 oz round or square-round containers.

### **Products:**

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

### **Key Features:**

- Servo driven pitch auger denester
- Servo driven split pocket container indexer
- Bottom-Up® volumetric fill with servo driven clean-wipe feature
- PLC controlled
- Continuous product flow
- 90° rotation prior to lidding
- Wide range of custom tooling available
- Automatic bypass controls, diverts product if no container is present
- Right or left hand operation
- Speeds to 80 cpm
- 304 stainless steel construction

### **Container Size Range:**

- 32 oz through 1/2 gallon square-round containers
- 32 oz through 1/2 gallon round containers

### **Container Types:**

- Nested paper or plastic



### **Options Available:**

- Tooling for additional container sizes
- Deluxe neapolitan head for linear flavor separation
- Variators: single and dual flavor, choice of air or electric drive
- 1.5" or 3" bypass valves for ice cream and syrup
- Marbling blender for multi-color mixes; creates distinctive pattern while maintaining identity
- Inline blender provides uniform color from three-barrel freezer

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



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### **Features and Benefits**

#### **Servo Driven Progressive Pitch Auger Denester:**

Servo drive motors provide the power, reliability and programmability to be smooth and very fast.

- Progressive pitch screws provide gentle separation of difficult packages and quick loading into the container shuttle
- Eliminating the vacuum pick cylinder allows denesting and container indexing to be done simultaneously for faster denesting by design
- Servo drive provides reliable denester cycle rates in excess of 100 containers per minute
- You can expect more than 100 million cycles from these motors



**Servo Driven  
Auger Denester**



**Servo Driven Split Pocket  
Container Indexer**

#### **Servo Driven Split Pocket Container Indexer:**

Servo drive motors provide the power, reliability and programmability to be smooth and very fast.

- Split pocket design eliminated all possible crash points of hard parts
- Servo drive provides reliable container index rates in excess of 80 containers per minute
- You can expect more than 100 million cycles from these motors
- Mechanically simple design means very little time required when it is time to rebuild

#### **High Production Speeds With a Very Compact Foot Print:**

You can fit two of these into less space than one big dual lane filler and run faster. Dimensions are 2' 4 3/8" wide x 9' 2 5/8" long.

- Space is not cheap, this model makes that valuable space available for other profit centers
- Two machines can fill at up to 160 cpm!
- You have more production flexibility, run two flavors simultaneously
- Save up to \$125,000 on the purchase!
- Small enough to be moved in and out of the line if you need to.



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## MODEL #120-SERVO

### Features and Benefits

#### **Sawvel's Exclusive Bottom-Up® Volumetric Filling:**

Each container rises to meet the incoming product. The product pushes the container down 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:**

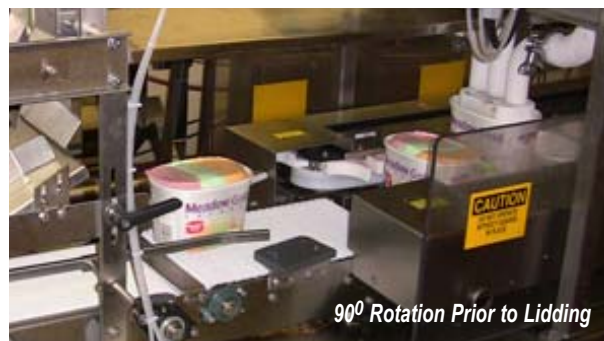
Empty containers enter fill station without product flow interruption.

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

#### **90° Rotation Prior to Lidding:**

Each container is rotated 90° prior to the lid placer.

- Assures a clean lidding application
- Eliminates the need to wipe the container after lidding



#### **Right or Left Hand Operation:**

Can be field converted from right hand to left hand operation.

- If your floor plan changes you don't need to buy another filler



Pattern shown made with Kemp's Custom Divided Fill Head

Below: Cut-Away



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## Specifications and Elevation Drawing

**WIDTH:**  
2' 4 3/8" (72.07 CM)

**AIR REQUIREMENTS:**  
20 CFM @ 80 PSI

**LENGTH:**  
9' 2 5/16" (280.19 CM)

**ELECTRICAL REQUIREMENTS:**  
220V, 10 amp, 60 HZ

**SHIPPING WEIGHT:**  
1300 LBS

