



**T.D. Sawvel Co. Inc.**

Providing Automated Packaging Solutions Since 1976

Notes:

## MODEL #1000-PLC

Semiautomatic Bottom-Up Volumetric Bulk Can Filler /  
Semiautomatic Ice Cream Filler / 3 Gallon Filler

### Description:

Semiautomatic dual head bulk can filler featuring, continuous product flow programmable logic controller and Sawvel's exclusive Bottom-Up<sup>®</sup> volumetric filling.

### Products:

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

### Key Features:

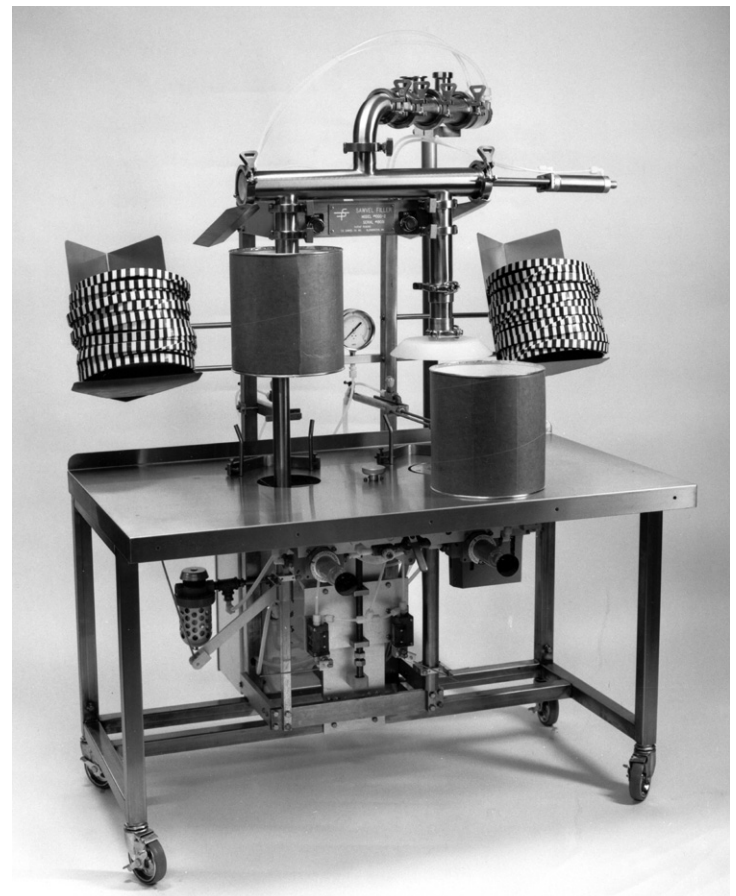
- Sawvel's exclusive Bottom-Up<sup>®</sup> volumetric filling
- Continuous product flow
- PLC controlled
- Diverter valve
- Quick and simple tooling change
- Speeds to 15 cpm with one operator or 22 cpm with two operators
- 304 stainless steel construction

### Container Size Ranges:

- 1 quart through 3 gallon containers

### Container Types:

- Round, square or rectangular
- Bulk can filler



### Options Available:

- Spinner assembly for rotating container as it fills
- Revel injectors (spinner assembly needed)
- Deluxe neapolitan head for linear flavor separation
- Deluxe fill valve assembly; maintains pattern integrity
- Tooling for additional container sizes
- Customer specified PLC

[tdsawvel.com](http://tdsawvel.com)

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

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### Features and Benefits

#### **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 Tooling Change:**

No tools needed for change over; can be changed in under 2 minutes!

- Provides flexibility in production planning
- Saves money at change over
- Can fill 1 quart through 3 gallon sizes in one day

#### **PLC Controlled:**

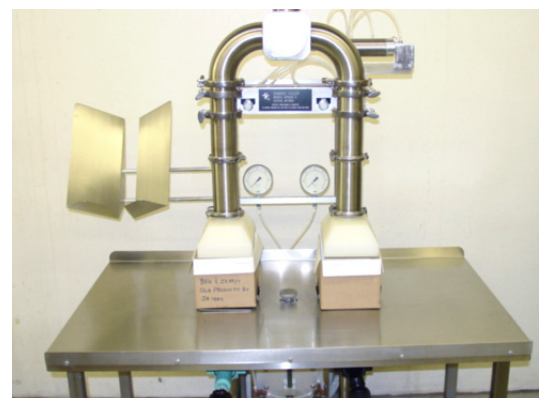
A programmable logic controller used for machine functions.

- Very reliable
- Program can be customized to meet your exact needs
- Reduces the amount of air valves needed to run the machine

#### **Compact Design:**

The base machine is 24" wide x 24" long

- Saves valuable floor space
- Keeps price affordable
- Easily moved



*Shown with Optional Deluxe Fill Valve Assembly, Tooled for Square Containers*



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Specifications and Elevation Drawing

### Air Requirements:

10 cfm @ 80 psi

### Electrical Requirements:

110V, 1 Phase, 50/60 HZ, 5 amps

### Shipping Weight:

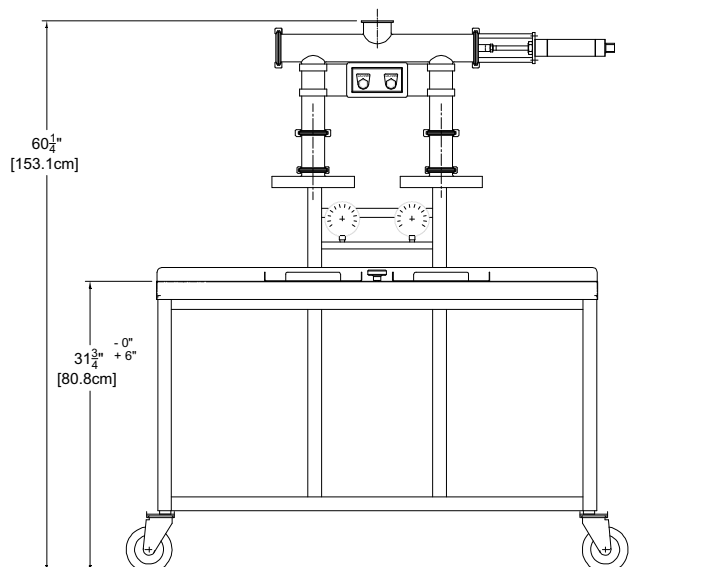
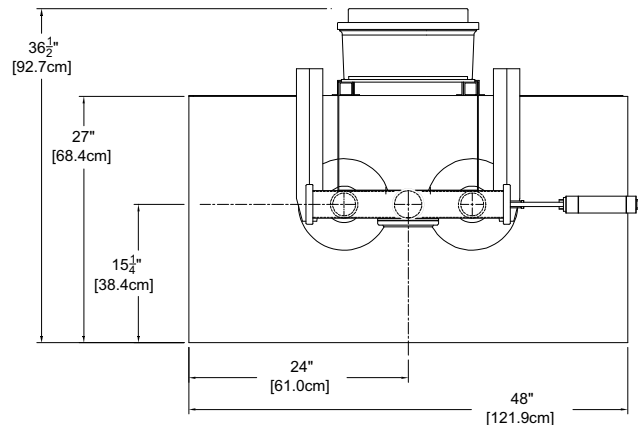
585 lbs.

### Width:

3' 1/2" (92.7 cm)

### Length:

4' (121.9 cm)



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The features, specifications and dimensions describes in this document are subject to change at any time without notice.

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