



**Notes:**

## **MODEL #700-1-SQRND**

### **Automatic Square-Round Filler**

#### **Description:**

High speed, mechanically driven, automatic square-round filler, featuring stainless steel construction, automatic denesting, automatic container transfer, time filling and automatic lidding.

#### **Products:**

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

#### **Key Features**

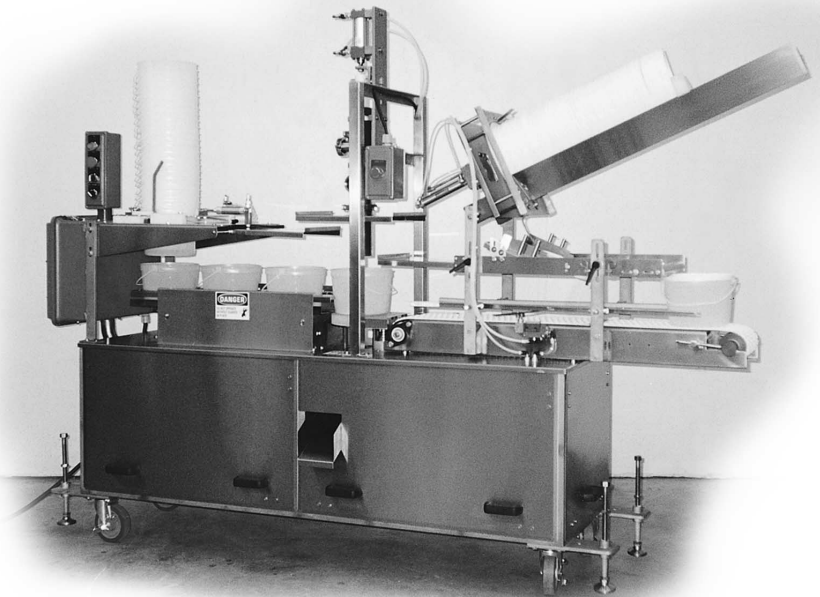
- Mechanical drive
- Simple, reliable control circuits
- Time fill with AC inverter drive
- Low profile
- Diaphragm style lid feeder
- Easy-to-clean lidding conveyor with motorized pulley
- Right or left hand operation
- Speeds to 50 cpm
- Drip guards over filling area

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

- 48 ounce through 1/2 gallon square-round containers only

#### **Options Available:**

- Variigators, single and dual flavor, choice of air or electric drives
- Marbling blender for multi-color mixes, creates distinctive pattern while maintaining identity
- Inline blender, provides uniform color from three-barrel freezer
- Neapolitan product valve insert, provides linear flavor separation
- No pail, no fill automatic bypass system
- Programmable limit switch
- PLC controller
- 3.0" x 2.0" Product inlet manifold
- Date coder



*Model Shown  
700-1*



## **MODEL #700-1-SQRND**

### **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 filling 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

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

Mechanical drive allows use of fewer controls.

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

#### **Time Fill with AC Inverter Drive:**

Fill volume is determined by the open duration of the fill valve. Volume is adjusted by changing speed of the inverter drive.

- Provides very accurate fill timing
- Simple, one control adjustment

#### **Low Profile:**

The distance from floor to pail hopper is 3'9".

- Very easy to load pails and lids

#### **Diaphragm Style Lid Feeder:**

Lids are picked 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 switch activates cylinder

### **Notes:**

#### **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

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

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

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



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### Specifications and Elevation Drawing

**WIDTH:**  
1' - 10 1/2" (57.2 cm)

**LENGTH:**  
8' - 7 1/2" (262.3 cm)

**SHIPPING WEIGHT:**  
800 LBS. (362.9 kg)

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

**ELECTRICAL REQUIREMENTS:**  
220 VAC, 3 PH, 60 HZ, 5 AMPS  
(other voltages available on request)

**DRIVE/INDEX TYPE:**  
1 HP, AC, INVERTER CONTROLLED  
MACHANICAL CAM

