



## **MODEL #704-PF**

Automatic Piston Filler / Inline Filler / Piston Filling Machine / 10 Pound Filling Machine

### **Description:**

Mechanically driven automatic piston filler featuring stainless steel construction, automatic denesting, container transfer, piston depositor and automatic lidding designed for enhanced reliability.

### **Products:**

Potato salad, cottage cheese, sour cream or similar products that can be pumped with a piston depositor.

### **Key Features:**

- Model 133DP-85 ounce piston depositor, machine mounted
- No container / no fill feature
- Mechanical drive
- Simple, reliable control circuits
- Diaphragm style lid feeder
- Easy-to-clean lidding conveyor with motorized pulley
- Extremely accurate volumetric piston filling
- Heavy duty DC drive
- Denester elevator; index motions are cam operated
- Container denester and vacuum are controlled by adjustable cams and proxes
- 304 stainless steel construction
- Speeds to 40 cpm (depending on product characteristics)

### **Container Size Range:**

- 48 ounce through 3 gallon containers

### **Options Available:**

- Floor mounting frame for piston depositor
- Piston sets from 16 through 190 ounce
- Depositor cover with level sensor
- Remote control volume adjustment
- Right or left hand operation
- Tooling for additional container sizes





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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 controls 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:***

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

#### ***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

#### ***Easy-to-Clean 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

#### ***Extremely Accurate Volumetric Piston Fill:***

Fill volume is determined by the fill cylinders stroke length. Volume is adjusted by changing the position of the fill cylinder stop bolt.

- Provides very accurate and repeatable dose
- Very easy to adjust



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Notes:

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Specifications and Elevation Drawing

### Air Requirements:

15 cfm @ 80 psi

### Electrical Requirements:

220V AC, 3 Phase, 60 Hz

### Shipping Weight:

925 lbs.

### Width:

3' 11" (93 cm)

### Length:

9' 1" (277.3 cm)

