

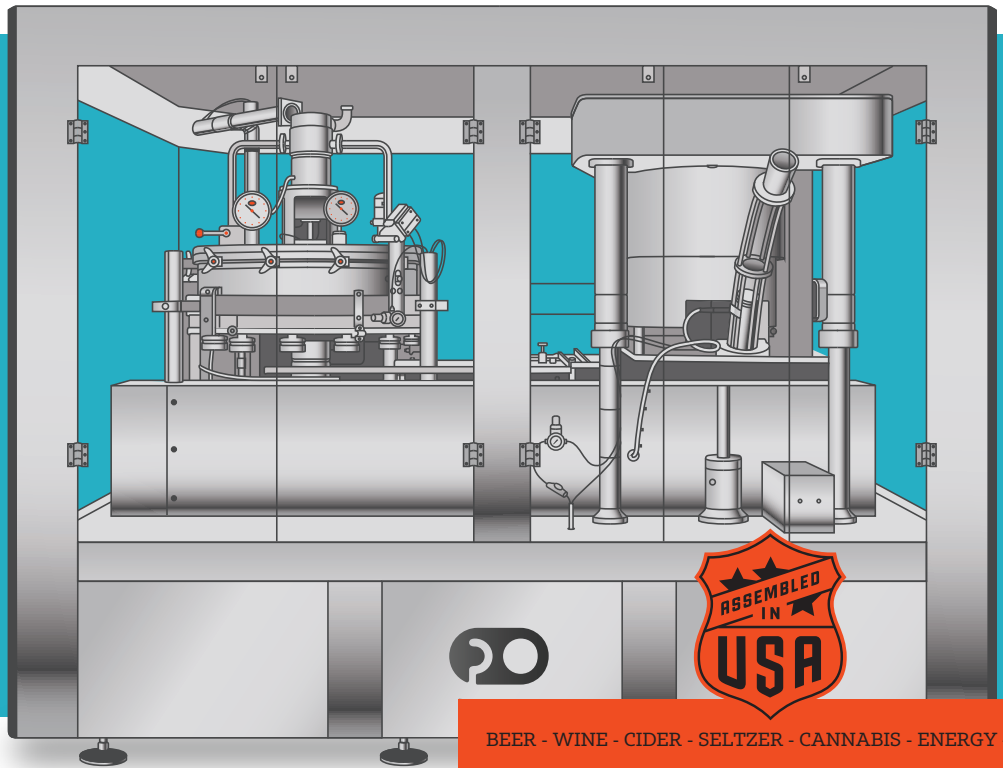


# Palmer Beverage Systems



## TRUE COUNTER PRESSURE ROTARY FILLER & SEAMER SYSTEM

- Pure gravity counter-pressure filler
- Production grade mechanical seamer
- Configurable to 60 - 300 cans / min.



### SYSTEM

The most industrial strength, USA designed Canning System competitively offered.

- Designed, engineered and assembled in U.S.
- Compact Monobloc design
- Stainless steel construction: Frame, Base Plate, Seam Head and Base
- Interlocked safety doors with electrical Nema 4X enclosed cabinets - Cat 3
- USA made: valves, can lift assemblies, and seam tooling & components
- USA designed Meyer Type rotary counter pressure filler
- Stainless steel seamer designed in USA made in Taiwan
- Automated line control, with WiFi/LAN connectivity - Allen Bradley / Pic / HMI
- 7 step quality control assembly process
- Installation & Training services

### CONFIGURATIONS

The Filler and Seamer is completely configurable to meet your volume and custom can size requirements.

- 12 to 36 head filling valve options delivering 60 CPM to 300 CPM
- Works with standard, sleek & slim cans from 6.8 oz. to 19.2 oz.

### FILLING

Rotary filling engineered to German standards and available at competitive pricing and installation schedules.

- Pro-Purge gravity-flow valve technology eliminates atmospheric oxygen contact enhancing beverage integrity
- Controlled fobbing minimizes spillage and beverage perturbation
- Mechanical fill valve enhance fill consistency and reliability
- Anti-biological filler bowl
- No Can/No Fill™ sensor
- CIP valve caps and connections for recirculation
- Integrated Can Stops



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# Palmer Beverage

## SYSTEMS



### SEAMING

Lock in beverage flavor and freshness characteristics with Palmer's Production grade mechanical seamer.

- Heavy duty seams preserve high CO2 product retention
- Seaming tooling – Titanium Carbide and Nitride coated rolls and chucks with ceramic bearings
- Mechanical cam-driven seaming – heavy duty – Continental 450
- Undercover gasing manifold

### CONTROL

Palmer PLC controls are designed for intuitive usability & rapid operator learning.

- Allen Bradley PLC control for entire system and synchronization of filler, seamer, and can conveyance
- Touch screen architecture by Allen Bradley

### INSTALLATION & TRAINING

Time to market is critical for start up Bev'preneurs. Palmer's On Time installation program works to meet your go to market plan.

- Palmer's School of Canning educates your production staff and provides ongoing consultations
- 24/7 in field Service & Support

TRUTH IN *Canning* CHICAGO

### OPERATIONAL SPECIFICATIONS

Adjustable production speed: 60 - 300 cans per minute  
 Fills: Standard - Sleek - Slim Cans  
 Filling valves: 12 / 24 / 36  
 Seaming heads: 1 / 4 / 6  
 Filling accuracy: <5 grams (5 ml)  
 Max CO2 Volume: 3.5 V/V (Beer 2.0-3.0)  
 Voltage: 230 / 3 - phase / 60 Hertz  
 Optional: 480 / 415 / 380 Volts  
 CO2 consumption: 6 - 10 CFM @ 60 PSI  
 Air consumption: 2 - 6 CFM @ 80 PSI  
 UL/CE/CSA electrical and CAT3 safety compliant



### COMPONENTRY

Main drive motor: Techtop  
 Main bearing: Slewing Type (stainless)  
 Taper bearings: Koyo-FAG-Timken  
 Roller bearings: EZO-SKF  
 PLC: Allen Bradley  
 VFD: Allen Bradley  
 Contactors: Schneider  
 Breakers: Schneider  
 Pneumatic components: SMC/Bimba  
 Valve seals: FDA Viton  
 Proximity switch: Schneider  
 Conveyance: Rexnord/System Plast



# Guarantee



PRECISION FILL LEVELS WITHIN 2ML. HIGH CO2 RETENTION. OXYGEN UNDER 2 PARTS / BILLION. LOW OXYGEN PICK UP. NO MICROBIOLOGIC INTRODUCTION. ON TIME INSTALLATION.