Palmer Beverage Systems

TRUE COUNTER PRESSURE ROTARY FILLER & SEAMER SYSTEM

- Pure gravity counter-pressure filler
- Production grade mechanical seamer
- Configurable to 60 - 360 cans / min.

12/1 - 60 CPM
12/4 - 120 CPM
24/4 - 240 CPM
36/6 - 360 CPM

BEER - WINE - CIDER - SELTZER - CANNABIS - ENERGY - CBD

SYSTEM

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

- Designed, engineered and assembled in U.S.
- Compact Monobloc design
- Stainless steel construction: Including: 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

Allen-Bradley by ROCKWELL AUTOMATION

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 360 CPM
- Works with standard, sleek & slim cans from 6.8 oz. to 19.2 oz.

FILLING

Rotary filling & Seamer engineered to European 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 and product contact areas
- No Can/No Fill" sensor
- CIP valve caps and connections for recirculation
- Integrated Can Stops

PERFORMANCE GUARANTEE - NO RUST GUARANTEE

INDEPENDENTLY OWNED AND OPERATED

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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 C02 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
- Multi-seam heads for lower wear & tear

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

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 - 360 cans per minute
Fills: Standard - Sleek - Slim Cans (100ml - 568ml)
Filling valves: 12 / 24 / 36
Seaming heads: 1 / 4 / 6
Filling accuracy: +/i 2ml
Max C02 Volume: 4.0 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

IN PALMER VERITAS CHI CO_2 Palmer SEAMS GUARANTEE USA

SEAMS

IN CHI PALMER Veritas GUARANTEE PALMER USA SYSTEMS

Guarantee

CO_2 O_2 0.0

PRECISION FILL LEVELS WITHIN 2ML | HIGH C02 RETENTION | OXYGEN UNDER 100 PARTS / BILLION | LOW OXYGEN PICK UP | NO MICROBIOLOGIC INTRODUCTION | ON TIME INSTALLATION

COMPONENTRY

Main drive motor: Techtop (wash down)
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

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