



CB100F Integrated Craft Brew Filler and Seamer



Features

- Integrated twelve-head hygienic inline filler with Dual-head Seamer rated for continuous operation at speeds of up to 100CPM.
- Variable speed range of 30-100cpm
- Standard travel of can is from Left to Right
- Optimized for beverage can – height range 54-203mm
- Product Supply Tank and Filler Manifold Connection on Left
- Product supply tank for tightly controlled pressure producing consistent, quality fills
- Live temperature, pressure, and volume feedback displayed on HMI

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Filling Features

- Twelve sanitary 316 stainless steel filling heads utilizing PSA designed fill-nozzle technology
- Repeatable fill volume control using proprietary magnetic flowmeter technology capable of 1mL precision input by operator on HMI; hygienic with no moving parts
- Sanitary/hygienic product supply piping and connections
- Product supply CIP capable up to 180 degree temperature rating with caustic cleaners
- Filler designed for easy change for can height and body diameter
- Can stop assembly at filler infeed with upgrade available for metered starwheel infeed

CO2 Gassing Features

- Sanitary 316 stainless steel CO2 pre-purge nozzles located directly behind filling heads
- Limits distance of travel from pre-purge to filling to only 1 can body diameter for all heads
- CO2 gassing tunnel between the filler discharge and lid application featuring automatic shutoff to conserve CO2 usage
- Limits oxygen pickup between finished fill and lid application
- Under cover gassing (UCG) at lid applicator chute

Seaming Features

- Seaming levers designed with specific material and dimensions allowing torsional windup for same commercial seam as rotary equipment
- Cam operated can holding chuck (lower lifter)
- Adjustable can holding chuck spring
- (2) Two lid chutes for quick end reloading
- Angelus seaming spindle bearings
- Cam optimized for beverage applications
- Easily removed/replaced for future changes in material, can size and/or seam specifications.
- Hardened tool steel for long life.
- Easy access hand wheel can height adjustment
- Stainless steel product area and base assembly
- Discharge can rinser assembly with air dry

Tooling

- One set of body and end control components
- Titanium nitride coated Angelloy® seaming rolls with ceramic bearings
- Titanium nitride coated Angelloy® seaming chucks
- Individual Zerk fittings for manual lubrication of seaming rolls. (every 72 hours)
 - Incorporates a protective flange to prevent damage from maladjustment
 - Sealed for life seaming rolls available

Product Supply Tank

- Level Control - Differential pressure used to maintain level in the tank
- Pressure Control - Engineered to maintain consistent pressure throughout entire fill cycle & production run
- Configurable set points for desired level and pressure
- Ability to prime, purge, and run out for easy start and stop at the beginning or end of a run
- Automatically cleaned during CIP mode

Electrical Specifications

- Allen-Bradley controls with PanelView Plus HMI and innovative IO-Link technology
- Intuitive interface featuring data logging screen for quality control



Filling Heads



Seaming



HMI Touch Screen Display

Angelus | Carr Centritech | Consolidated | Continental/Closetech | Hema
Mateer Burt | Multi-Tech Systems | OnTrack | Zepf Change Parts