



# Automatic Gravimetric Filler

## Imagined

Develop a user friendly, compact and versatile filler to service the needs of manufacturers wishing to automate their filling processes.

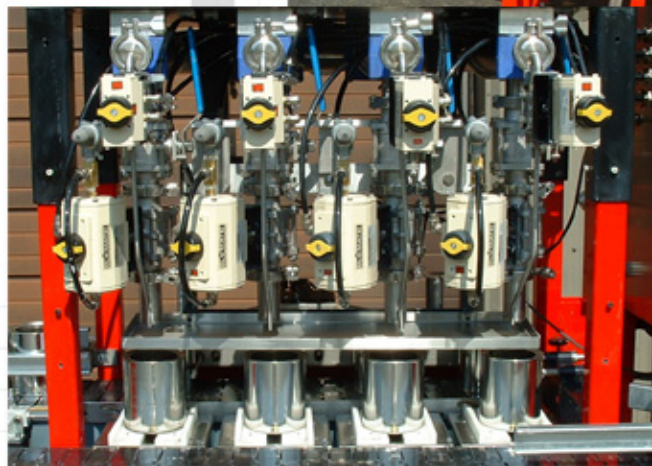
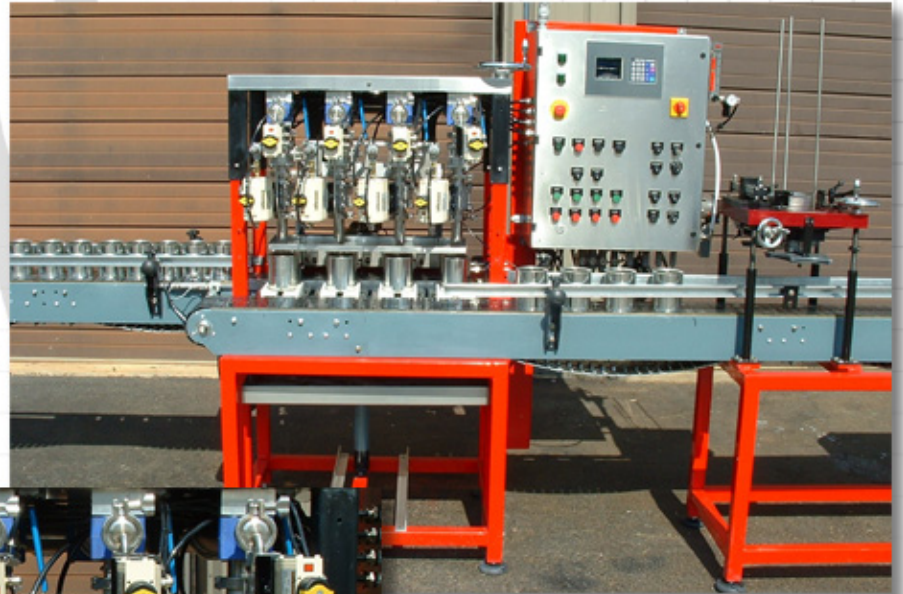
## Engineered Solution

A flexible inline/cross-push filler expandable to accommodate up to 6 filling heads, with unique design features to integrate lid placers, detectors and closers, with true plug and play capabilities.

Kinesys Automation's Automatic Gravimetric Bulk-Dribble Filling Platform System will accommodate the automated filling of standard quart and gallon metal containers (paint-style, friction plug) via digital net-weight fill controls. The system is equipped with a bulk-dribble manifold system for applications where speed and accuracy are critical.

The system is designed for quick and easy cleanup by purging with water, solvent or an appropriate cleaning solution. Each fill head assembly consists of a sanitary, 316 stainless steel, Teflon cavity-filled, air actuated ball valve used in conjunction with a capillary fill nozzle.

The ball valve and pneumatic actuator packings are easily and inexpensively replaced with standard rebuild kits, eliminating the need for custom and costly mechanical fill head or piston pump components. All connections are sanitary, tri-clamp for fast change-over, cleaning and maintenance.



### Speed and Accuracy (4-Head):

- Gallons: Up to 25 containers per minute, +/- 0.50%
- Quarts: Up to 30 containers per minute, +/- 0.25%

### Standard Features:

- Automatic Drip Pan
- Custom, Simplified Indicator Prompts
- Quick-Connect Purge Pan
- Spill Pan
- Hand-Wheel Height Adjustment
- Quick-Change Container Orientation Guides

### Optional Features:

- Lid Placement System
- Lid Detection System
- Lid Closing System
- Infeed/Discharge Conveyors and Controls
- Stainless Steel Construction
- Explosion Proof Controls (Suitable for a Class 1, Division 1 Hazardous Environment)

