

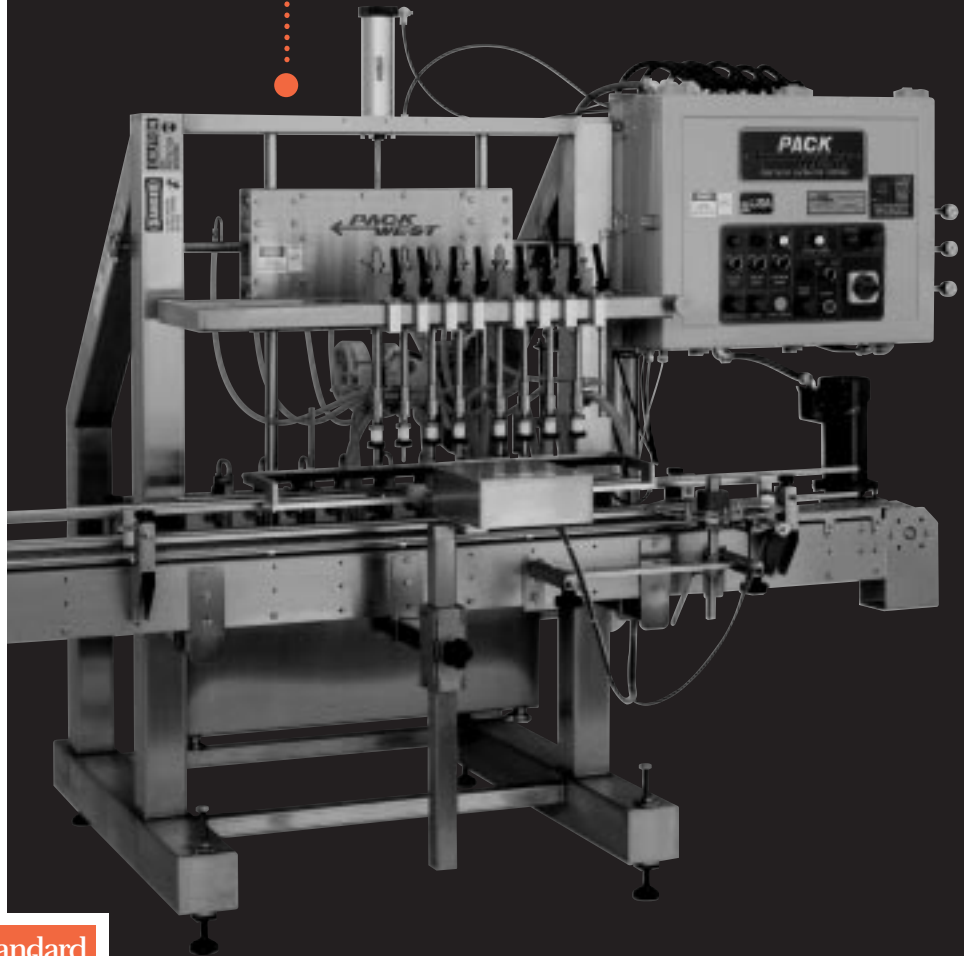
Monarch Series In-line Liquid Level Filler

Low Cost, Durable, Flexible
and Reliable

From free-flowing, foamy, semiviscous liquids to semi-solid liquids, the Pack West Monarch Series Liquid Level Fillers handle them all. Whatever your packaging requirements — Food, Drug, Cosmetic or Industrial applications — count on Pack West to fill the bill. We have many different models to choose from, depending on container size range, product characteristics and speed requirements.

Key Features

- Available in vacuum, gravity, pressure or combined systems.
- All 304 stainless steel wetted parts and machine frame.
- "Quick change" container handling attachments.
- Top fill or bottom-up style systems available.
- All parts CAD designed and CAD generated entirely on Pack West premises.



A Standard
Approach to
Special
Problems

**PACK
WEST**
Precision Packaging Systems

Features and Specifications



Member of
**WESTERN
PACKAGING
ASSOCIATION**

Operation

This machine is an in-line style of liquid level filler designed to fill glass, metal or plastic containers. All containers are filled to an identical height utilizing vacuum, gravity, pressure or combination system. One ounce to two-and-a-half gallons of free flowing liquid can be top filled or bottom-up filled depending on product characteristics. Models are available from four to sixteen heads depending on speed requirements. All models less than sixteen heads are expandable at any time in the future. Starwheel, feedscrew, air gate or combination indexing systems can be designed to handle almost any container configuration. A range of manifold and nozzle pressure shut-off designs is available to decrease the pressure against plastic bottles.

Features

- No bottle/no fill
- Starwheel, feedscrew, air gate or combination indexing systems
- Combination neck corrector, drip tray system
- Rise and fall fill tube assembly
- Supply tank level control (Specified by customer)
- Fill level accuracy of $\pm \frac{1}{16}$ "
- Flexible vinyl supply and overflow hoses of food-grade quality and standard size
- Left-to-right or right-to-left direction
- 304 stainless steel vertical guide rods and tube carriers
- Top-fill and bottom-fill nozzles in $\frac{3}{8}$ "— $\frac{1}{2}$ "— $\frac{5}{8}$ "— $\frac{3}{4}$ "— $\frac{7}{8}$ "—1"— $1\frac{1}{4}$ " OD sizes
- No castings used
- Electrics to accommodate customers' available utilities, including all necessary Nema 4X control panel and Nema 4 main power box with lock out — tag out provision
- Level controlled return tank system with appropriate return pump and tri-clover clamp assembly for ease in wash-down procedures
- 12 to 50 gallon supply tank (depending on application)
- 304 stainless steel conveyor bed complete with wear strip, "No Tool" adjustable rail network and customer-specified conveyor chain
- All seals and "O" rings of standard size and compound to fit application

Options

- All 316 stainless steel wetted contact parts
- Special seals and hoses available to match product requirements or customer preference
- Special electrics to include explosion-proof and AC or DC controls
- Special plumbing, encompassing combinations of pressure, gravity or vacuum, with no-drip feature
- Special alloys available for highly corrosive applications
- Special pumps
- Post surge protection
- Pendant style control console for front or rear of machine operation
- Special conveyor systems available for all facets of infeed and discharge situations

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