

Regal Series Rotary Top Drive Liquid Level Filler

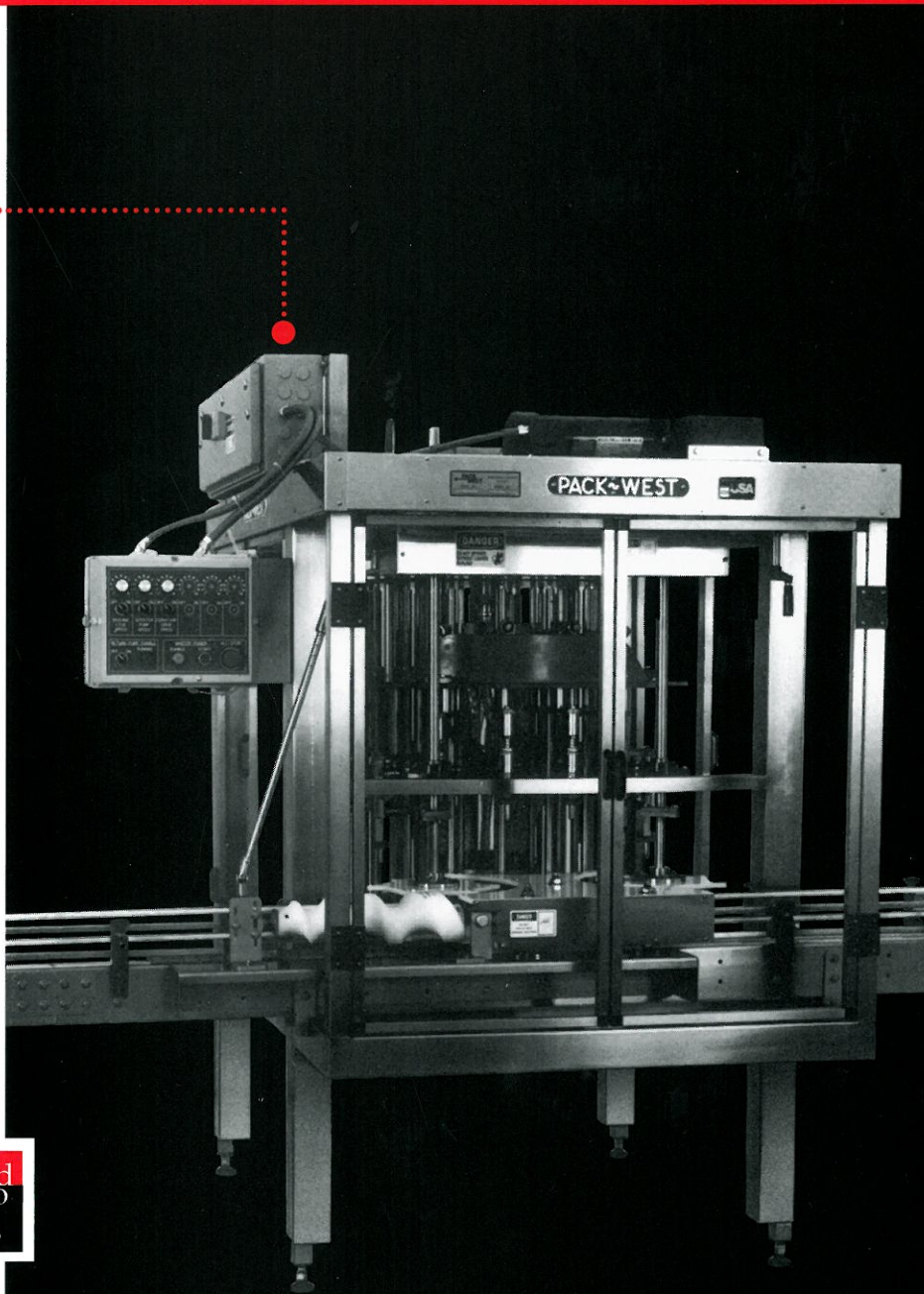
Low Cost, Durable, Flexible and Reliable

From free-flowing, foamy, semiviscous liquids to semi-solid liquids, the Pack West Regal Series Rotary Top Drive 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

- Completely top driven design.
- 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



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Operation

The rotary power that controls the discharge star, the main turret, infeed star and worm timing screw on the Rotary Top Drive Liquid Level Fillers is, as the name implies, driven from the top of the machines. The fillers handle container sizes from one ounce to two-and-a-half gallons with speeds up to 500-plus C.P.M. on quarts and 200-plus on gallons. Glass, tin and plastic containers are all suitable to be run on these systems. The fillers are available in six frame sizes. The flexible design gives the user many fill-system options, including vacuum, gravity, pressure, and combined systems. Choose from top fill, or, for foamy liquids, bottom-up fill. A range of manifold and nozzle pressure shut-off designs is available to decrease the pressure against plastic containers.

Features

- All machine operations enclosed behind 304 stainless steel Lexan safety interlocked doors
- No bottle/no fill
- 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
- All mechanical nozzle rise and fall

- Adjustable drip pan supplied in dead zone of center guide
- Left-to-right or right-to-left direction
- $\frac{1}{2}$ " diameter ball bearing tube carrier rollers
- Container handling attachment constructed of HDPE with stainless steel fastener system
- Main bottle dial utilizes no tool interchangeable container back rests for positive container alignment with fill tube
- 304 stainless steel vertical guide rods and tube carriers
- Top-fill and bottom-fill nozzles in $\frac{3}{8}$ "— $\frac{1}{2}$ "— $\frac{3}{4}$ "— $\frac{7}{8}$ "—1"—1 $\frac{1}{4}$ " OD sizes
- Torque limiter main drive protection
- 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
- Heavy gauge 304 stainless steel single piece main bottle dial

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 return line blow-out system for the running of higher viscosity products
- Special alloys available for highly corrosive applications
- Centering bells for unstable, small-necked or shaker neck containers
- 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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