



Vacuum Filler





Accurate, Efficient, Reliable

If filling to an accurate and consistent level in rigid containers is the desired liquid packaging method, the U.S. Bottlers Vacuum Filler is the machine for this application. A superior concept incorporating a simple and straightforward liquid system in a robust and durable mechanical design offers unparalleled performance, with high efficiency, and reliability.



PRINCIPLES OF DESIGN

The Rotary Vacuum Filler design is based on filling every container to a pre-determined fill level. This provides the most uniform and accurate fill level regardless of fluctuations in product or container characteristics.

PRINCIPLES OF OPERATION

The containers are fed onto the Vacuum Filler, separated, then positioned under special custom designed filling stems. Each individual filling stem slowly descends into the opening of the container and the sealer rubber seals the top of the container. Then the vacuum system removes air from the container, which in turn induces the flow of product into the bottle. Once the fill level reaches the vacuum vent, surplus product is drawn into the overflow system, the filling process stops, and the full containers are discharged from the machine.

Available in several frame sizes, as well as in tangential discharge configuration, the Rotary Vacuum Fillers operate at speeds of up to 800 BPM.

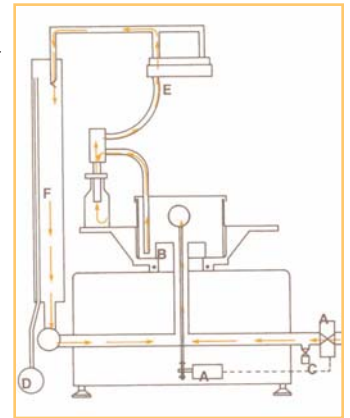


Feature: Simple and straightforward liquid systems, custom engineered for every application.

Benefit: Superior control over the filling process, no overhead bowl, easy access for cleaning and maintenance.

Feature: Superior design distributing manifold and filling valves.

Benefit: Consistent and accurate fill level and reduced overflow.



Feature: All drive train components located inside machine base.

Benefit: Protected from aggressive environment, extended life, clean and unobstructed cabinet surface.

Feature: Tool-less, quick-release container handling attachments.

Benefit: Easy and fast changeover between production runs.



U.S. Bottlers Machinery Company

11911 Steele Creek Road, Charlotte, North Carolina 28273

Tel: 704 588 4750 Fax 704 588 3808

Email: usb@usbottlers.com Web: www.usbottlers.com