



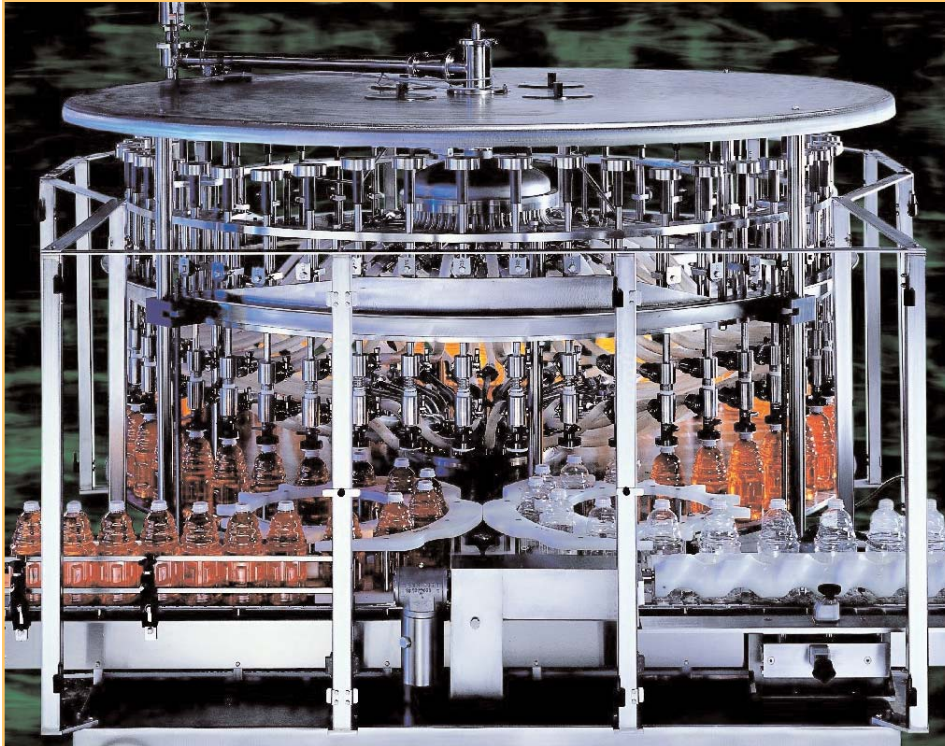
Pressure Gravity Filler





Simple, Efficient, Flexible

If filling to an accurate and consistent level is the desired liquid packaging method, the U.S. Bottlers Pressure Gravity Filler is the best 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, reliability, and reduced maintenance.



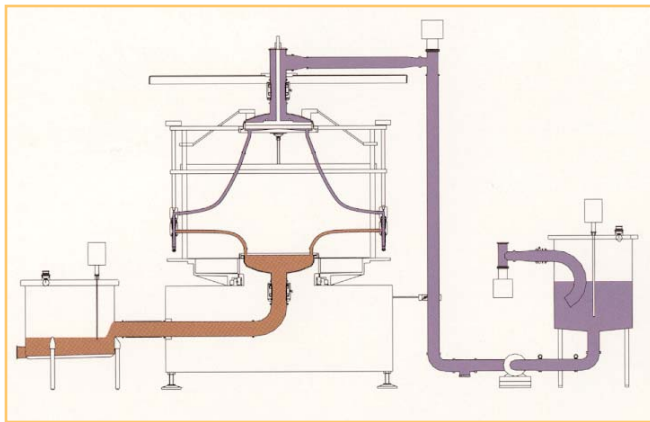
PRINCIPLES OF DESIGN

The Rotary Pressure Gravity 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 Rotary Pressure Gravity Filler, separated, then positioned on individual filling stations, under custom designed filling valves. Based on a bottle being present the filling process begins at a filling rate designed to suit the container's particular shape and dimensions and the product flow characteristics. Once the mechanically set fill level target is achieved, the flow of product is diverted to the overflow system, the filling process stops, and the full containers are discharged from the filler.

Available in several frame sizes, as well as in tangential discharge configuration, the Rotary Pressure Gravity Fillers operate at speeds of up to 1200 BPM.

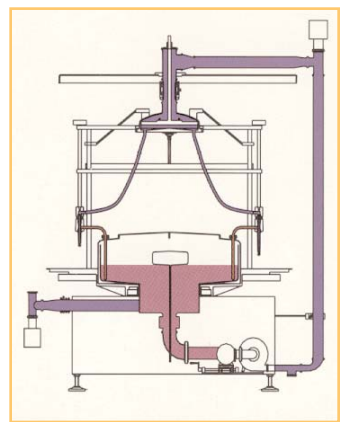


Feature: Simple and straightforward liquid systems, custom engineered for every application.

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.



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