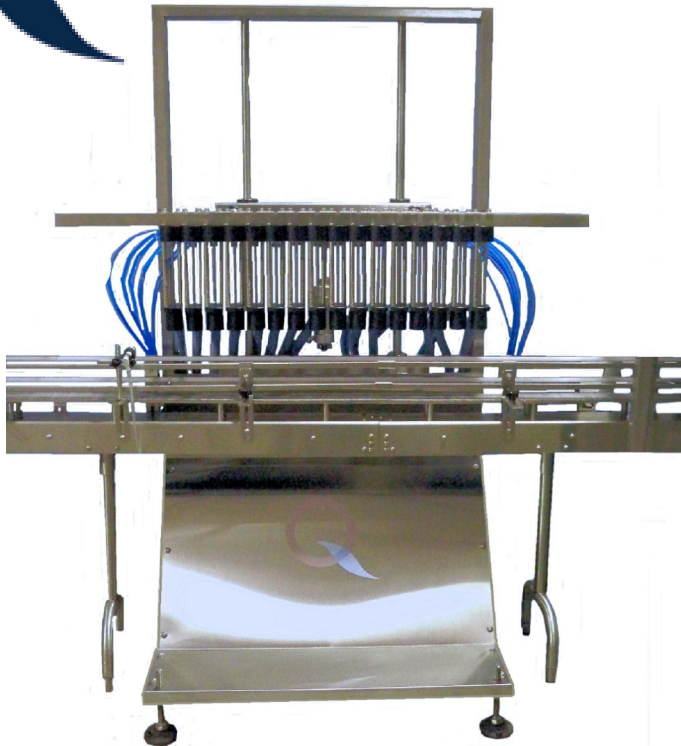


Automatic Bottle Vacuum



Container Cleaning Principle

Containers are indexed into the rinse area based on the number of dual action nozzles on the machine. Nozzles descend to bottles and first blast the inside of the bottles with air to loosen dust and debris. Dual action nozzles then seal on the container and vacuum out the debris to an easily removable and cleanable waste reservoir. Containers are then returned to the conveyor to be moved down the packaging line.

Industries Utilizing Bottle Vacuums

- Bottled Water
- Pharmaceutical
- Nutraceutical
- Food and Beverage
- Cosmetics

Works with Glass

And Plastic Bottles!!

Liquid Packaging Solutions, Inc.

3999 East Hupp Road
Building R-43
LaPorte, IN 46350
Phone: 219-393-3600
Fax: 219-393-5260
Toll Free: 888-393-3693

 **Quality People**
Building
 **Quality Equipment**
Maintaining
 **Quality Customer Relationships**



www.LiquidPackagingSolution.com

Email: sales@LiquidPackagingSolution.com

Automatic Bottle Vacuum

OPTIONS:

- Container indexing designed to fit your needs:
 - Gate/Pin
 - Star wheel
 - Timing Screw
 - Shuttle
- Ionizing air curtain prior to rinsing to remove static charges
- Hazardous environment construction
- Special electrical available
- Spare parts kit
- Bottle vacuum system
- Manual and Semi-Automatic models also available

De-ionized Air

Before being indexed into the bottle vacuum, some manufacturers may choose to run containers through a curtain of de-ionized air. Passing through this curtain of air removes any static charge from each container. This assists in the container cleaning process by assuring that no dust or debris clings to the sides of the containers during the rinse!



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Standard Features:

- Heavy duty portable stainless steel construction
- Automatic container indexing
- Allen Bradley Micrologix PLC and touch screen interface*
- Container Vision Systems
- Dual action rinse and vacuum nozzles
- Tool-free adjustments for different container sizes
- Power conveyor
- Upgradeable

Benefits:

- Bottle vacuum can be integrated with existing lines and roll up to almost any conveyor
- Easy to use and simple to understand controls increase productivity
- Vision systems minimize downtime by avoiding container jams and no bottle rinses
- Dual action nozzles provide consistent and thorough container cleaning
- Easy container changeover for added efficiency
- Upgradeable machine allows for longer machine useful life
- Made in the USA

Additional Products and Services:

- Liquid Fillers
- Cappers
- Conveyors
- Turntables
- Sealers
- Coders
- Labelers
- Container separation
- End of the Line Equipment
- Full line Integration

* Other PLC's available



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