

Positive Displacement Pump Filling Machine



FILLING PRINCIPLE

Time or pulse based filling system using individually controlled pumps. One pump for each fill head.

TYPICAL PRODUCTS

- Food Products
- Products with Particulates
- Personal Care Products
- Lubricants/Oils
- Industrial Chemicals
- Agricultural Chemicals
- Household Chemicals/Cleaners
- OTC Medication
- Gels
- Edible Oils



Other Filling Principles

Piston - Overflow - Pressure/Gravity

Volumetric - Net Weight

Fill To Level with Vision System

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



Positive Displacement Pump Filling Machine

OPTIONS:

- Bottom close fill nozzles
- Diving or bottom up fill nozzles
- Servo motor drive
- Suck back product feature
- Container indexing designed to fit your needs:
 - Gate/Pin
 - Star wheel
 - Timing Screw
 - Shuttle
- Automatic drip tray
- Bulk product supply pump
- Hot product fill capability
- Variety of contact parts for compatibility
- Positive container position (neck grabbers)
- Clean in place system
- Machine enclosure/sneeze guard
- Sanitary style construction
- Hazardous environment construction
- Special electrical available
- Spare parts kit
- Tabletop, Semi-Automatic and Fully Automatic models

PRODUCT RESERVOIRS AND OPTIONS:

- Conical Bottom
- Round Bottom
- Trough Style
- Heated/Jacketed
- Mixing Tanks
- Product Agitators
- Custom Design and Size



www.LiquidPackagingSolution.com
 Email: sales@LiquidPackagingSolution.com

Standard Features:

- One pump per fill valve
- Pump matched to your specific need
- Allen Bradley Micrologix PLC *+
- Touch screen operator interface
- Product and container memory for quick changeover
- Vision system for container available and back up detection
- Power height adjustment +
- Detail set up documentation and manual
- Product reservoir +
- Tool-free adjustments
- Simple and quick changeover
- Designed for easy clean-up
- Ability to fill any size and shape container
- Designed to integrate with existing equipment
- Robust construction - built to run 24/7
- Upgradeable

Benefits:

- Built to your size, specifications, budget and production requirements
- Accurate filling
- Designed to minimize operator - product contact
- Flexible - fill any shape or size container
- Easy cleanup
- Eliminate product waste
- Reduce labor costs and increase production
- Portable - designed to roll up to your existing conveyor
- Simple and quick changeover for greater efficiency
- Made in the USA

Additional Products and Services:

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

+ Automatic Systems
 * Other PLC's available



Quality People

Build

Quality Equipment

Maintaining

Quality Customer Relationships

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