

Gravity/Pressure Gravity Filler

*LIQUID
PACKAGING
SOLUTIONS, Inc.*



FILLING PRINCIPLE

Time based fill system with individually timed fill heads make this one of the most accurate fillers for products that are consistent in viscosity

TYPICAL PRODUCTS

- Water
- Edible Oils
- Still Beverages
- Personal Care Products
- Household Cleaners
- Agricultural Products
- Molten Products
- Gels
- Corrosive Products
- Paints/Stains



Other Filling Principles

Piston - Overflow - Pump

Volumetric - Net Weight

Fill To Level with Vision System

Liquid Packaging Solutions, Inc.

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



www.LiquidPackagingSolution.com
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Gravity/Pressure Gravity Filler

OPTIONS:

- Bottom close fill nozzles
- Diving or bottom up fill nozzles
- Pressure filling
- Container indexing designed to fit your needs:
 - Gate/Pin
 - Star wheel
 - Timing Screw
 - Shuttle
- Automatic drip tray
- Bulk product supply pump
- Molten product fill capability
- 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
- All pneumatic construction
- Spare parts kit
- Tabletop, Semi-Automatic and Fully Automatic models

PRODUCT RESERVOIRS AND OPTIONS:

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



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Standard Features:

- | | |
|---|---|
| • Individually-timed fill valves | • Simple and quick changeovers |
| • Allen Bradley Micrologix PLC*+ | • Designed for easy clean-up |
| • Touch screen operator interface | • Ability to fill any size and shape container |
| • Product and container memory for quick changeover | • Designed to integrate with existing equipment |
| • Vision system for container available and back-up detection | • Robust construction - built to run 24/7 |
| • Power height adjustment+ | • Upgradeable |
| • Product reservoir+ | • Detailed set up documentation and manual |
| • One to sixteen fill heads | |
| • Tool-free adjustments | |

Benefits:

- | | |
|--|--|
| • Built to your size, specifications, budget and production requirements | • pumping |
| • Accurate filling | • Made in the USA |
| • Designed to minimize operator product contact | • Reduce labor costs and increase production |
| • Flexible - fill any shape or size container | • Portable - designed to roll up to your existing line |
| • Easy clean-up | • Simple and quick changeover increases efficiency |
| • Fill semi-viscous products without | • Pressure filling available for more viscous filling |

Additional Products and Services:

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

+ Automatic Systems
* Other PLC's available



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