AUTOMATIC OVERFLOW FILLER



APACKS' Automatic Overflow Filler is typically used in consumer packaging applications where a consistent visual (cosmetic) fill level is required.

The Automatic Overflow filling machine is manufactured with a heavy duty 304 stainless steel, tigwelded tube frame and is available with 1to 16 Fill Heads. It also comes standard with PLC Controls and touch screen HMI, a 304 stainless steel reservoir, and Pneumatic Indexing Gates, plus many more features. Options are available for even more versatility.

Overflow Fillers are commonly used for filling beverages and other thin products, especially where foam or bottle inconsistency might be an issue.

APACKS' Overflow Filler can be built to suit sanitary, hazardous, flammable and corrosive environments.





SPECIFICATION

- Standard Construction: Heavy duty 304SS, tig-welded tube frame
- Number of Fill Heads: 1 to 16
- Reservoir:_304SS tank is standard
- Filling Size: 1oz to 5gal
- Power Requirement: 115VAC, single phase, 20 amp, 50-60Hz
- Air Requirement: 5CFM @ 80PSI clean, dry, compressed air
- Dimensions & Weight: Subject to model configuration

FEATURES

- PLC Controls with touch screen HMI
- Automatic Pneumatic Gates (Entry and Exit)
- Front panel Start and Emergency Stop
- Container Counter
- On/off and speed Controls for Conveyor
- No bottle/No fill Sensor
- Bottle Backup Sensor (delays operation until jam is cleared
- Mounted on 4 threaded leveling legs

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OPTIONS

- Drip Tray
- Diving Heads
- 316SS or plastic wetted contact parts
- Container Neck Locators
- Starwheel or Timing Screw Indexing
- Pressure Assist for thick products

- Product Supply Pump
- Custom applications
- Special electrical requirements
- Additional remote E-stops
- Sanitary, hazardous, flammable and corrosive environment construction

APPLICATIONS

- Sauces
- Syrups
- Light gels
- Shampoos
- Water
- Fruit juices & extracts
- Liquid tea
- Liquid coffee
- Vegetable oil

- Tomato juice
- Some salad dressings
- Perfumes
- Essential oils
- Thin liquid soap
- Light makeup remover
- Motor oil
- Urethane
- Alcohol

1 2 3 Containers The nozzles are lowered into enter and the containers. aligned under Rubber the filling washers seal nozzles. the containers closed. Ther springs

> compress. exposing the

nozzle tips.

The fill cycle When the liquid starts and the levels reach the bottom of the pump begins filling the outer nozzle, the containers. excess fluid is nozzles outer tube and inner

HOW IT WORKS

Nozzles are retracted allowing the operator to move the containers out of the fill area.

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redirected up

between the

tube and back

to the overflow tank.

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