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DTM Packaging PUREFIL 1500, Automatic Inline Pressure/Overflow Filling Machine

DTM
Packaging & Custom Automation
Machinery & Engineering Services

The DTM Packaging Purefil In-line Pressure/ Overflow Filler works on the principle of filling each container to a predetermined level making it ideally suited for filling transparent containers requiring a consistent fill level.

The liquid to be filled flows from the reservoir tank to the container through a pump and manifold that dispenses product to each filling head. A servo controlled nozzle bar is used to lower all heads into the containers to start the filling process. Once the fill reaches the desired fill level, excess product or foam flows back to the reservoir tank and the nozzle bar retracts and containers exit from the machine.

Features:

Speed to 150/minute depending on size and product.

Expandable to 20 nozzles to increase speed.

Clean design for quick product changes and no tools quick size changes.

Indexing bottle control with adjustable entry and exit bottle gating cylinders.

304 Stainless steel heavy duty stainless steel welded frame.

316L stainless steel product contact parts.

316 Stainless tank for the reception of products to be filled, includes top cover and tank level control

All product contact parts are stainless steel, Teflon, Viton and sanitary design.

Special seals or hoses by order.

No container no fill safety and container neck guide control.

Allen Bradley Control Logic PLC and HMI with provision to store product recipes.

Servo control for fast container height changeovers.

Nozzle spacing fully adjustable with hand knobs and Vernier scales

Safety interlocked lexan guards.

Air filter-regulator and safety lockout valve included.

No change parts needed for various types of containers.

Will work with plastic or glass containers.

Back up photo eye.

Modem in electrical panel for remote maintenance and trouble shooting.

UNSCRAMBLER   FILLER   CAPPER   LABELER   CASE PACKER