

MODEL: FOF320-1

Fully Automatic Overflow Filler (Fill-to-Level)

Chemical, Food Grade,
& Sanitary Construction



U.S. PACKAGING EQUIPMENT, LLC



Fill-to-Level technique used for Visually Consistent Fill Volume for beverages, cleaners, and other foam producing products. Product is held in a lower frame mounted reservoir, then pumped into a manifold that disperses product to each fill nozzle. Foam is recycled back to a surge tank and processed back into bottles. This technique is ideal for thin to mildly viscous liquids. Overflow Fillers are used for glass or plastic containers where the level within the container is required. Offered system from Semi-Automatic 1-4 Head to Fully-Automatic 2-16 Head machines. Nozzle size range from: ¼" to 1-½"

Features:

- Tool-less adjustments
- Positive shutoff nozzles
- Upgradeable
- Allen Bradley Micrologix PLC
- Touchscreen HMI
- 50 preset recipe
- Made in the USA

Specifications:

Industrial Duty 304ss tube frame
Model A- 36"x 48"x 76"
Model B- 48"x 48"x 76"
Model C- 60"x 48"x 76"

Power: 110, 220 single, 3-phase
Air: 6 cfm, 90 psi

U.S. Packaging Equipment - Overflow Filler

Control panel features: Allen Bradley PLC for all machine logic functions, special modifications on programs available for special adaptations. Frequency control drive for pump speed, acceleration and deceleration 3-Stage fill programmable. Front panel filling time adjustment, conveyor speed control, bottle counter. Front panel Start and Emergency STOP for easy access. Optic sensors standard for container gating. Expandable to 16 nozzles to increase speed. No bottle-no fill PLC controlled.

Main components features: 1 Hp, Single or 3-phase electric, 316 stainless steel centrifugal pump. Hardened Stainless steel calibrated shafts with linear bearings for nozzle rack movement smoothness and durability. 8-inch stroke air cylinder for nozzle up and down movement. 316L Stainless steel check-valve mounted for pump feed. Hand wheel and shaft mounted stoppers for height and stroke adjustment.

Standard features: Nozzle spacing fully adjustable through top screw. Container height adjustment from 1½ to 16 inches high. Nozzle stroke adjustments from 0 to 8 inches. Entry and exit bottle gating cylinders adjustable. Capable of filling both plastic or glass containers. No change parts needed for various types of containers. Air filter-regulator and safety lockout valve included. Index spacing and additional bottle control adjustments through Color Touch Screen Controller