

Model PI3300 Piston Bottle Filler



ACASI expandable piston bottle filler model PI 3300, automatic inline filling machine (No pistons, nozzles, conveyor or options included)

- **Construction features:**
- 304 Stainless steel heavy duty stainless steel welded C frame.
- All contact parts are stainless steel, sanitary, Teflon, viton and hoses per your requirements.
- Special seals or hoses by order.
- Calibrated guide for fast height changeovers.
- Machine mounted on 4 heavy duty casters.
- Leveling of machine by 1 inch 304 stainless steel leveling screws.
- **Control panel features:**
- OMRON PLC for all bottle filler machine logic functions, special modifications on programs available for special adaptations.
- Three filling options on control panel (Up, Bottom Up and Down)
- Front panel conveyor speed control for machine sold with conveyor.
- Front panel mounted bottle counter.
- Front panel Start and Emergency STOP for easy access.
- Front panel nozzle code for changing nozzle quantities.
- Fiber optic sensors by Omron standard for container gating.
- Expandable to 14, 12 or 10 pistons to increase speed (Depends on piston size)
- No bottle no fill PLC controlled.

220 Volts, 60Hz, 10 Amps. 5 CFM @ 80 p.s.i.

Main components features:

- Piston filling and charging stroke by power full 6 inch bore air cylinder.
- Air over oil application on principal air cylinder to create a smooth and constant bottle filling speed.
- Main pistons support mounted and guided by Ball profile rails and carriages to create a smooth, silent and accurate filling and charging movement.
- Hardened Stainless steel calibrated shafts with linear bearings for nozzle rack movement smoothness and durability.
- 8 inch stroke air cylinder with magnetic sensors for nozzle up and down movement.
- Hand wheel and shaft mounted stoppers for height and stroke adjustment.
- Hand wheel counter mounted on volume control threaded rod.

Standard features:

- Nozzle spacing fully adjustable through top or bottom screw.
- Container height adjustment from 1 to 16 inches high.
- Nozzle stroke adjustments from 0 to 8 inches.
- Entry and exit bottle gating cylinders adjustable, sideways, up and down and inside and outside.
- Color coded flow control valve for filling speed.
- Will work with plastic or glass containers.
- No change of parts needed for various types of containers.
- Air filter-regulator and safety lockout valve included.
- Spacing and additional bottle control obtained by flow controls mounted on air gating cylinders.

