



Model GI 3300 Pressure Overflow Bottle Filler



- 304 Stainless steel heavy duty stainless steel welded C frame.
- 20 Gallon stainless steel overflow tank.
- Stainless steel cover for overflow tank.
- 20 hose 304 stainless steel feeding manifold.
- 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.
- Filling 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 machine logic functions, special modifications on programs available for special adaptations.
 - Frequency control drive for pump speed, acceleration and deceleration.
 - Front panel bottle filling time adjustment through Omron Timer.
 - 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 20 nozzles to increase speed.
 - No bottle no fill PLC controlled.

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

• **Main components features:**

- 96 Gallon per minute, 1 Hp, 3phase, 316 stainless steel centrifugal pump.
- Hardened Stainless steel calibrated shafts with linear bearings for nozzle rack movement smoothness and durability.
- 10 inch stroke air cylinder with magnetic sensors for nozzle up and down movement.
- 316L Stainless steel sanitary check valve mounted on pump.
- Hand wheel and shaft mounted stoppers for height and stroke adjustment.
- Standard features:
 - Nozzle spacing fully adjustable through top screw.
 - Container height adjustment from 1 to 16 inches high.
 - Nozzle stroke adjustments from 0 to 10 inches.
 - Entry and exit bottle gating cylinders adjustable, sideways, up and down and inside and outside.
 - Will work with plastic or glass containers.
 - No change 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.

