



Automatic Rotary Bottle Washing Machine - Glass and PP Bottles



The Automatic Rotary Bottle Washing Machine for Glass and PP Bottles consists of the main structure, rotary platform, bottle holder/cups, flow regulators, pressure meter, solenoid valve, Geneva mechanism, 2 nos. of SS tanks with pump, nozzle, electrical panel & AC motor.

Features

- A continuous water spray from the top shall be also provided to wash the bottles from outside.
- The machine is manufactured or developed per GMP standards.
- The structure is made of MS cladding with SS 304.
- Rigid vibration-free construction for trouble-free performance.
- The contact parts such as the washing nozzle, washing pump impeller, tanks, and cups/bottle holder plate are made of SS 304.
- Easy to clean the base of the machine by removing the top cover.
- The tank's capacity is 75 liters each.
- Specially designed SS 304 Impeller-based AC motor for pumps.
- Pumps and tanks are mounted on portable stands for easy maintenance and cleaning purposes.
- Higher capacity of centrifugal pumps to wash bigger bottles (500 ml & 1000 ml).
- Stationary nozzles to eliminate contamination of water cycles.
- Specially designed Geneva Mechanism.
- Four inner wash (Included one air wash, two inner wash with recycled tray) & one outer wash.
- Easy loading/unloading & operation.

- An individual solenoid valve is used for each wash – which eliminates carbon plate and other accessories. This is to avoid leakages and minimize the maintenance ratio.
- Individual flow regulating valves to control the flow of water.
- Bottle guide system especially for lightweight bottles.
- Separate panel control to avoid any short circuit due to spraying of water.
- SS glycerin fill pressure meter.

Technical Data

Bottle Size(Ø)	15 mm Ø to 75 mm Ø
	Height: Up to 280 mm
	Neck Ø: 20 mm to 38 mm
Working Height	875 ± 50 mm Adjustable
Power Consumption	6.5 KW (Main Motor: 0.5HP, Pump: 1HPX2 & Heater: 3KW)
Power Supply	3 Phase / 440V AC/ 50Hz
Air Consumption	5 CFM
Air Supply	4 to 6 kg/cm ²
Net Weight Approx.	650 Kg
Dimensions Approx.	2200 mm (L) x 1600 mm (W) x 1350 mm (H)
Direction	Clockwise
Number of Cup Holder	48 / 96
Wash Cycle	4 Inner + 1 Outer
Tank Capacity	75 Liters (2 nos.)
Change Parts	Cup/Holder: If bottle neck diameter is change