



Rotary Bottle Washing Machine HMPL–RBW–64/96



Brief on machine:

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

Salient Features of Rotary Bottle Washing Machine

The unit is made compact & versatile as per GMP norms.	The structure is made of SS 304.
Rigid vibration free construction for trouble free performance.	The contact parts such as washing nozzle, washing pump impeller, tanks, cup/bottle holder plate are made of Stainless Steel 304.
Easy to clean the base of the machine by removing the top cover.	The tanks capacity is 75 liters each.
Specially designed SS 304 Impeller based AC motor for pumps.	Pumps and tanks are mounted on portable stand for easy maintenance and cleaning purpose.
Higher capacity of centrifugal pumps to wash bigger bottles (500ml & 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.	Individual solenoid valve use 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 bottle.
Separate panel control to avoid any short circuit due to spraying of water.	SS glycerin fill pressure meter.

Technical Specification

Model	HMPL-RBW-64 / 96		
Bottle Size(Ø)	15mm Ø to 70mm Ø	Height: 50mm to 270mm	Neck Ø: 21mm to 25mm
Output Speed	2800 to 8000 bottles / hour		
Working Hight	850 ± 50 mm Adjustable		
Power Consumption	5.0KW (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/cm2		
Net Weight Approx.	450 Kg		
Dimensions Approx.	1600mm (L)x 1300mm (W)x 1300 mm(H)		
Direction	Clockwise		
Number of Cup Holder	64 / 96		
Wash Cycle	4 Inner + 1 Oute		
Tank Capacity	75 Litres (2 nos)		

Consumption of water:

First Wash	300 Liters/Hour
Second Wash	No consumption as such, water loss during recirculation shall be compensated
Third Wash	300 Liters/Hour
Fourth Wash	No consumption as such, water loss during re-circulation shall be compensated OR Air Wash
Outside Wash	300 Liters/Hour