

Semi Automatic Rotary Bottle Washing Machine



Semi Automatic Rotary Bottle Washing Machine is widely used in the chemical, pharmaceutical food and beverage industry for washing of bottles. The bottle washing machine is suitable for washing of both the round and flat bottles. Rotary bottle washer machine is based on the Geneva mechanism. The bottle washer machine has an efficiency of washing 60 to 100 bottles / minute. The bottles go through a sequence of washes to have completely clean bottles. Bottle rinsing machine is equipped with stationary nozzles which eliminate the contamination of water cycles. The machine has two pumps and an electric heater tank to provide hot water for washing of bottles.

Process of operation

The bottle cleaning machine consists of a rotator platform which has an indexing part for the loading of bottles. The bottles are washed through a series of washing cycles. The machine has a cup-shaped bottle holder which is used to hold the bottles of various neck diameters. The bottle holder holds the bottles in the inverted position. A spraying shower is used to perform the external cleaning of bottles. The machine is equipped with solenoid valves which are used to regulate the wash timings and to save water.

Salient features

- Geneva mechanism for the optimization of time between washes
- Four inner washes, one outer and one air wash
- Adjustable washing system as per the requirements
- Equipped with stationary nozzles to avoid the contamination
- Solenoid valve for the regulation of wash timings
- High pressure centrifugal pumps for easy cleaning
- The pumps and tanks are mounted on separate stand for easy cleaning
- Adjustable bottle guide height for all types of bottles

Technical Specification

PRODUCTION RATE :	
60 to 100 Containers/Min.	
INPUT SPECIFICATION :	
Container Dia.: 25mm to 100mm	Container Height: Up to 280mm
POWER SPECIFICATION :	
1 H.P., 3 Phase, 4 Wire System, 50 Hz	
OPTIONAL ACCESSORIES :	
2 Pumps - Pumping Station	Electric Heater Tank
UTILITY :	
Fresh Water: 900 Liters/Hour	DM Water 300 Liters/ Hours
Air 30 CFM @ 5 bar (5 Wash)	
OVERALL DIMENSION :	
1550 mm (L) X 1700 mm (W) X 1300 mm (H)	
Net Weight: 750 Kgs. Gross Weight: 1000 Kgs.	