



PHARMA MACHINERIES



SEMI AUTOMATIC ROTARY BOTTLE WASHING



ROTARY BOTTLE WASHING MACHINE

DESCRIPTION

The Rotary Bottle Washing Machine is compact and highly efficient machine with elegant look. This multifunctional multi featured machine meets the GMP requirements of washing for glass and plastic bottles. The machine operates on the Rotary principle with "GENEVA" mechanism and require manual loading and unloading of bottles.

OPERATION

The bottles are loaded on rotating platform and are cleaned in series of operations. Specially designed bottle holders provided to hold bottles with varying neck diameter. The bottles are placed in an inverted position in these cup shaped holders. Spraying showers does the external cleaning of the bottles. Solenoid valves are provided to enable the regulation of wash timing and sequence of various washing media to suit specific requirement.

TECHNICAL SPECIFICATION

Model	RRWM-64	RRWM -96
Output/Hour*	2600 to 6000 Nos.	4300 to 9000Nos. .
No. of Container Holder	64	96
Direction of Machine	Clock Wise	"
Electrical Specification	Main Motor 0.5 HP/415 Volts50 Hz. Pump Two Nos. 1 HP x 2 = 2 HP/415 Volts / 50 Hz Electrical Heaters 3 Kw.	" " "
Tank Capacity	75 Liters SS 304 (2 Nos.)	"
Wash Cycle	4 Inner + 1 Outer	
Working height	860 to 910 mm	
Machine Dimension in mm	1500 (L) x 1750 (W) x 1300 (H)	"
Case Dimensions in mm	1600 (L) x 1600 (W) x 1550 (H)	"
Tank Two Case	1550 (L) x 1000 (W) x 1550 (H)	"
Net Weight	450 Kgs.	550Kgs.
Gross Weight	750Kgs.	900 Kgs.
Change Parts required	(A) Neck Dia. Bottle holding pocket. (B) Flat Container : special type of cup.	
<u>Input Specification</u>		
Round Shape	(A) dia.30 mm to dia. 100mm**	(A) dia.30 mm to dia. 80mm**
Container Size*	Respectively Height 50mm x 270mm** dia. 20 to dia. 28 Neck**	" "
Flat / Square	30 mm to 100 mm (L) Respectively 10mm to 50mm (width) Respectively Height 58mm to 190mm	30 mm to 80 mm (L) " "



CONSUMPTION OF WATER

Model No.	FRWM-64	FRWM-96
First Wash	200 Ltr/Hr.	230 Ltr./Hr.
Second Wash	No Consumption as such, water loss during re-circulation shall be compensated.	
Third Wash	200 Ltr. / Hr.	230 Ltr. / Hr.
Fourth Wash	No Consumption as such, water loss during re-circulation shall be compensated.	
Out Side Wash	200 Ltr. / Hr.	

SALIENT FEATURES

- Geneva mechanism.
- Three inner, one outer and one air wash
- Sequence of washes to customer' s choice .
- Out put : 64 to 100 bottles per minute.
- Easy operation.
- Stationary nozzles eliminate contamination of water cycles.
- Individual solenoid valve for each washing sequence , which eliminates carbon plate and other accessories reduce leakage and maintenance to minimum. Higher capacity centrifugal pumps to wash bigger bottles (500&1000 ml.)
- The stationary nozzles avoid chipping of bottle necks .
- Pumps and tanks are mounted on portable stand for easy maintenance .
- Bottle guide system specially for light weight bottle.
- Separate panel control to avid any short circuit due to spraying of water.
- SS glycerin fill pressure meter.

UTILITY REQUIRMENT

Electrical Supply : 3 Phase+Neutral+Earthing
Electrical load : 2 KW + 3 KW for Heater
Air Pressure : Minimum : 6 bar pressure 5 CFM

RIDDHI PHARMA MACHINERY LTD.

Manufacturer & Exporters of Pharmaceutical Machineries

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