



ROTARY BOTTLE WASHING MACHINE

NRWM - 96



Empowering Liquid Packaging

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 requires manual loading and unloading of bottles.

OPERATION

The bottles are loaded on the subsequent indexing part of rotating platform and are cleaned in series of operations. Specially designed bottle holders provided to hold bottles with 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 timings, it also spraying water when bottle are stopped means ensure saving of water, and sequence of various washing media to suit specific requirement.

TECHNICAL SPECIFICATION

Model	NRWM - 64	NRWM - 96
Output/Hour*	2600 to 6000 Nos.	4300 to 9000 Nos.
No. of Container Holder	64	96
Direction of Machine**	Clock wise	
Electrical** Specification	Main Motor	0.5 HP / 415 Volts / 50 Hz.
	Pump Two Nos.	1 HP X 2 = 2 HP / 415 Volts / 50 Hz
	Electric Heater	3 Kw.
Tank Capacity	75 Ltrs. S.S. 304 (2 Nos.)	
Wash Cycle	4 Inner+1 Outer	
Working height	860 to 910 mm	
Machine Dimensions (In mm)	1500(L) x 1750(W) x 1300(H)	1500(L) x 1750(W) x 1300(H)
Case Dimensions (In mm) Two Case	Machine	1600(L) x 1600(W) x 1550(H)
	Tanks	1550(L) x 1000(W) x 1550(H)
Net Weight	450 Kgs.	550 Kgs.
Gross Weight	750 Kgs.	900 Kgs.
Change parts required	(A) Neck Dia: Bottle holding pocket. (B) Flat Container : Special type of cup.	

Input Specification

Container Size**	Round Shape	Ø 30 mm to Ø 100 mm** Respectively Height 50mm x 270 mm*** Ø 20 to Ø 28 Neck**	Ø 30 mm to Ø 80 mm** Respectively Height 50mm x 270 mm*** Ø 20 to Ø 28 Neck**
	Flat Square***	30 mm to 100 mm (Length) Respectively 10 mm to 50 mm (Width) Respectively height 58 mm X 190 mm	30 mm to 80 mm (Length) Respectively 10 mm to 50 mm (Width) Respectively height 58 mm X 190 mm

* Depends on bottle size & operator's skill ** Can be supplied as per customer's requirement. *** With help of change parts.

CONSUMPTION OF WATER

Model	NRWM - 64	NRWM - 94
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 OR Air Wash	
Outside Wash	200 Ltr./Hr.	

SALIENT FEATURES

- ◆ Geneva Mechanism.
- ◆ Four inner (Included one air wash) & one outer.
- ◆ Sequence of washes to customer's choice.
- ◆ Easy operation.
- ◆ Stationary nozzles eliminate contamination of water cycles.
- ◆ Easy loading and unloading.
- ◆ Individual solenoid valve for each washing sequence, that 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.

NOTE:- Technical detail, specifications & design is subject to change without any prior notice. Accessories shown in picture are not a part of standard design.

- ◆ Bottle guide system especially for lightweight bottle.
- ◆ Pumps and Tanks are mounted on portable stand for easy maintenance.
- ◆ Separate panel control to avoid any short circuit due to spraying of water.
- ◆ S.S. glycerin fill pressure meter.

UTILITY REQUIREMENT

- ◆ Electrical supply : 3 Phase + Neutral + Earthing
- ◆ Electrical load : 2 KW + 3KW for heater
- ◆ Air Pressure: Minimum : 6 bar pressure 5 CFM

 **NATIONAL Pharma Machinery**
Mfg. & Exporter of Pharmaceutical Machineries

11, Varahi Estate, Nr. Rly. Crossing, Gota Road, Gota, Ahmedabad - 382481, INDIA, Phone : +91-79-3290 3433, 3293 3433,
Mobile : +91-9825328056 Fax : +91-2717-242631 E-mail : sales@nationalindia.co.in, exports@nationalindia.co.in
URL: www.nationalindia.co.in, www.nationalpharmamachinery.com