



*Akshar  
Engineering Works*

## ROTARY BOTTLE WASHING MACHINE



# Company Profile



*Akshar Engineering Works*



Akshar Engineering Works was incorporated in the year 1996. We are a renowned Manufacturer and Supplier of Industrial Products. Our organization is smoothly reaching the heights of success under the headship of CEO, **Mr. Tribhuvan K Panchal**, who has more than 35 years of experience in manufacturing Pharma machinery. Making an admiring global presence, we operate our business affairs from Chhatral, Gujarat.

- A premiere Pharmaceutical & Chemical Machines and Equipments manufacturing company to cater the growing needs of industries like Pharmaceutical, Chemical, Biotech, Ayurvedic, Cosmetics and Food & Beverages. We are engaged in offering Pharmaceutical Machines, Rotary Bottle Washing Machine, Automatic Bottling Line, Sparkler Filter Press, Starch Paste Kettle, Reactor Vessels, Storage Vessels & Tanks, & many more Products.



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## Rotary Bottle Washing Machine

### DESCRIPTION:-

Rotary bottle washing machine are widely used by a number of industries for fast and efficient washing, sterilizing and drying of bottles before being filled with solutions, liquid or powders. The output and productivity of the machine depends on the technical specifications of the machine can vary from 200-300 bottles per minute. 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 principal with "**GENEVA**" mechanism and requires manual loading and unloading of bottles.



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## Rotary Bottle Washing Machine

### OPERATION:-

The bottles are loaded on the subsequent indexing part of rotating platform and are cleared in series of operations. Specially designed bottle holders are 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.

Each washing station us controlled by separate solenoid valve. Machine can be supplied in MS is SS body. Machine works on Geneva mechanism and design for minimum maintenance. No contamination of waters because of different washing nozzles. Washing sequence can be interchanged as per requirement . Capacity for fresh / DM water and one tank is provided with heater thermostatic control and hot valve for hot water. Two pumps for pressurized water jet for internal and external cleaning. Top hood bottle platform, nozzles and all contact parts are in SS 304 good quality.



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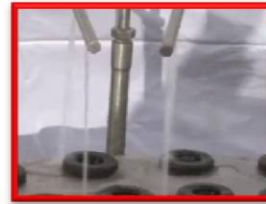
## TECHNICAL SPECIFICATIONS:-

<b>MODEL</b>		<b>ARBWM-32</b>	<b>ARBWM-64</b>	<b>ARBWM-96</b>
Output/Hour*		2000 to 3500 no.	2600 to 6000 no.	4300 to 9000 no.
No. of Container Holder		32	64	96
Direction of Machine**		CLOCKWISE		
Electrical Specifications**	Main Motor	0.5 HP / 415 Volts / 50 Hz		
	Pump Two no.	1HP x 2 = 2 HP / 415 Volts / 50Hz		
	Electric Heater	3 Kw.		
Tank Capacity		75 Ltrs. S.S. 304 (2 Nos.)		
Wash Cycle		4 inner + 1 Outer		
Working Heights		860 to 910 mm		
Machine Dimensions (In mm)		1500(L) x 1750(W) x 1300(W)		
Case Dimensions (In mm)	Machine	1600(L) x 1600(W) x 1550(W)		
	Tanks	1550(L) x 1000(W) x 1550(W)		
Gross Weight		550 KGS.	750 KGS.	900KGS.
<b>Input Specifications</b>				
Round / Shape	Ø30mm to Ø80mm***, Respectively height 50mm to 270mm***.Ø22 to Ø28 Neck***			
Flat / Square***	30mm to 80mm (Length), Respectively 10mm to 50mm (Width). Respectively height 58mm x 190mm			

\* Depends on bottle operator speed.

\*\* We can supply as per customer requirements,

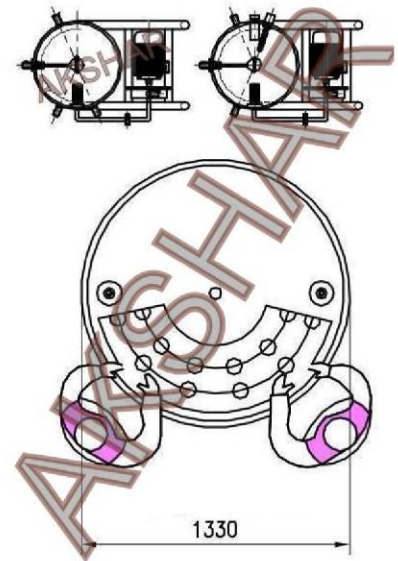
\*\*\* With help of change parts.



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### SALIENT FEATURES:-

- ❖ Geneva Mechanism.
- ❖ 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 reduces 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 especially for lightweight bottle.
- ❖ Pumps and Tanks are mounted on portable stand for easy maintenance



## DEMONSTRATION AVAILABLE



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# Rotary Bottle Washing Machine

**32 JETS**



**64 JETS**



**96 JETS**



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