



Automatic High Speed Linear Tunnel type Bottle Washing Machine **SBLBW-100/150/250**



Description :

'**BHAGWATI's** High Speed Linear Bottle Washing Machine is most ideal for Round Bottles and finds wide application in PHARMA, FOOD & BEVERAGES INDUSTRIES. The automatic loading arrangement facilitates loading of bottles on to SS wire mesh conveyor through feed conveyor or bottles are pushed manually from feed table. This saves manpower as bottles are feed into pockets automatically. The automatic unloading mechanism consists of unloading bottle continues on to turn table (Optional).

Operation :

Three-cycle rinsing allows flexibilities of various wash cycles such as fresh water, dematerialized water etc. as per the rinsing requirement of bottle. All the pumps are made of SS and all the water contact parts are made of SS 316 on a heavy base of SS structure.

In tunnel design is such that separation is maintained between feeding zone and discharge zone of the cleaned containers. All the mechanical drives are separated and isolated from the washing zone. Approved materials only are used for construction, together with a careful choice of components, thereby taking in to consideration all aspects of sanitation and consequence complying with the pharmaceutical G.M.P. requirements.

The quality of rinsing is ensured through 3 sets of inner and 2 sets of outer nozzles accurately placed to direct the jet at center of the bottle and the bottle comes out with water totally drained with minimum droplets of water.

Technical Specifications of Linear Tunnel type Bottle Washing Machine

Model	SBLBW-100	SBLBW-150	SBLBW-250
Out put / Hour*	6000 bottles	9000 bottles	12000 bottles
No. of Pocket Across	10	12	20
Electrical Specification**	Main Motor	1 HP / 415 Volts / 50 Hz	
	Pump Two Nos.	1 HP x 2 = 2 HP / 415 Volts / 50 Hz	
	Electrical Heater	3 Kw.	
	Conveyor	0.5 HP / 415 Volts / 50 Hz	
Tank Capacity	80 Ltrs. S.S. 316		
Wash Cycle	3 Inner + 1 Outer + 1 Air		
Cycle Timing	3.5 Second for each wash + 1.5 second for traveling.		
Water / Air Consumptions	400 Ltrs. / Hr / Cycle / Pressure 2.5 Kg @ 20 CFM		

Salient Features :

- High-pressure spray nozzles ensure perfect wash of Bottles.
- Interchangeable wash sequences.
- Totally fabricated from SS Materials, including the basic frame.
- No change parts required for washing of round bottle saving time of change over. (Change Parts require for Flat bottles & if change of neck size.)
- All parts coming in contact with washing zones / jet are made from SS 316 materials.
- The machine suitable for handling washes of round and flat glass bottle (With help of change parts).
- Water re-cycling arrangement is possible as per customer 's need.
- Machine is totally rigid and with stands continuous operation for long working. Hours without any trouble.
- Higher capacity centrifugal pump to wash bigger container.
- Third Tank & pump can be fitted (optional).