

ESTEEM INDUSTRIES INC.

ROTARY BOTTLE WASHING MACHINE



ESTA - RWB SERIES

ROTARY BOTTLE WASHING MACHINE:

DESCRIPTION

ESTA-RWB Series are the high performing rotary bottle washing machine we offer to clients, have got various outputs ranging between 2000 - 18000 bottles per hour and are capable of handling different type and size of bottles as well as labels. The machine is highly efficient and compact, which can handle all types of glass and plastic bottles as well as containers with cylindrical, non-cylindrical and odd shape. These machines provide accurate labeling to various types of bottles. Suitable for washing of different sizes of glass/metal bottles from inside and outside. These bottle washing machines are completely GMP model with all contact parts in SS 304 and works on geneva mechanism. It consists of a rotary platform with specially designed cups to accommodate any size of bottles from 50 ml. Bottles are washed internally and externally at four different stations. The unit is provided with gear box, motor. SS pumps & SS tanks. Output can be between 75 to 100 bottles per minute with the help of variable speed pulley. Manual loading and unloading of the bottles.

SOME OF THE DISTINGUISHING FEATURES OF OUR MACHINES INCLUDE:

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 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.
 - Separate panel control to avoid any short circuit due to spraying of water.
 - S.S. glycerin fill pressure meter.
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- Easy operation with 'Geneva' mechanism
 - Four inner and one outer wash
 - 2 tanks with float valve & heater and 2 higher capacity GRUNDFOS make pumps
 - Suitable to wash 5ml to 500ml bottles/ vials
 - Stationary nozzles eliminate contamination of water cycles
 - Easy loading & unloading with two rows
 - Output: 64/100/150 bottles per minute

SPECIFICATIONS

Each washing station is controlled by separate solenoid valve. Machine can be supplied in MS or SS body. Machine works on geneva mechanism and designed for minimum maintenance. No contamination of waters because of different washing nozzles. Washing sequence can be interchanged as per requirement. One tanks of 75 ltr. Capacity for fresh/DM water and one tank is provided with heater thermostat control and hot valve for detergent/hot water two pumps for pressurized water jet for internal and external cleaning. Top hood, bottle platform, nozzles and all contact parts in SS 304 quality.

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.

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.

TECHNICAL SPECIFICATION:

MODEL		ESTA-RWB - 101	ESTA-RWB-102
Output / Hour		2600 to 6000 Nos.	4300 to 9000 Nos.
No. of Container Holder		64	94
Direction of Movement		Clock wise	
Electrical Specification	Main Motor	0.5 HP / 415 Volts / 50 Hz.	
	Pump Two Nos.	1HP 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 heights		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 Cases	Machine	1600 (L) x 1600 (W) x 1550 (H)	1600 (L) x 1600 (W) x 1550 (H)
	Tanks	1550 (L) x 1000 (W) x 1550 (H)	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	Ø30 mm to Ø100 mm Respectively Height 50 mm to 270 mm Ø20 to Ø28 Neck	Ø30 mm to Ø80 mm Respectively height 50 mm x 270 mm Ø20 to Ø28 Neck
	Flat / Square	30 mm to 100 mm (Lenght) 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

CONSUMPTION OF WATER:

MODEL	ESTA-RWB - 101	ESTA-RWB-102
First Wash	200 Ltr/ Hr.	230 Ltr./Hr.
Second Wash	No consumption as such, water loss during re-circulation shall be compensated OR Air Wash.	
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.	

UTILITY REQUIREMENT:

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

VISIT US : WWW.ESTEEM.IND.IN

PAYMENT TERMS :

PAYMENT TERMS COMMON FOR ALL THE ABOVE MENTIONED MODELS

PAYMENT TERMS :

Who are our Bankers and what are our Banking particulars?

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Our Bankers are:

Union Bank Of India,
SCF-3, Sector 21-C, Chandigarh,
UT, INDIA.
SWIFT CODE: UBININBBCHA

Esteem Industries INC. A/C No.: 398905010050309

May you like to Transfer Payment (T/T) to us, then depending upon the currency of remittance kindly choose one of the following methods:

PAYMENT PROCEDURE FOR USD \$

PAYMENT PROCEDURE : For making SWIFT Transfer payment of US\$ _____, please give the following information to your bank:

Intermediary Banks:

1. Citibank. New York ,Swift code: CITIUS33
2. Bank of America. New York, Swift code: BOFAUS3N
3. Bank of New York. New York, Swift code: IRUTUS3N
4. Standard Chartered Bank. New York, Swift code: SCBLUS33
5. JP Morgan Chase Bank. New York, Swift code: CHASUS33
6. American Express Bank. New York, Swift code: AEIBUS33

Beneficiary Bank:

Union Bank Of India,
SCF-3, Sector 21-C, Chandigarh,
UT, INDIA.
Swift Code: UBININBBCHA
Beneficiary: Esteem Industries INC

Account No. 398905010050309

Bank charges (fees) would be shared by buyer. Please fax us a copy of Transfer advice so that we can track payment.

PAYMENT PROCEDURE FOR GBP £

PAYMENT PROCEDURE : For making payment of Sterling Pound £ _____, please give the following information to your bank:

Intermediary Banks:

1. National Westminster Bank. London, Swift code: NWBKGB2L
2. HSBC London (Midlands), Swift code: MIDLGB22

Beneficiary Bank: Union Bank Of India,
SCF-3, Sector 21-C, Chandigarh,
UT, INDIA.

Swift Code: UBININBBCHA

Beneficiary: **Esteem Industries INC**

Account No. 398905010050309

Bank charges (fees) would be shared by buyer. Please fax us a copy of Transfer advice so that we can track payment.

PAYMENT PROCEDURE FOR EURO

PAYMENT PROCEDURE : For making payment of Euro_____, please give the following information to your bank:

Intermediary Bank:

1. Commerz Bank Dusseldorf Germany, Swift code: COBADEDD
2. Bank commerciale Italiana, Swift code: BCITITMM
3. Societe Generale Paris, Swift code: SOGEFRPP
4. ABN Amro Bank. Amsterdam, Swift code: ABNANL2A

Beneficiary Bank: Union Bank Of India,
SCF-3, Sector 21-C, Chandigarh,
UT, INDIA.

Swift Code: UBININBBCHA

Beneficiary: **Esteem Industries INC**

Account No. 398905010050309

Bank charges (fees) would be shared by buyer. Please fax us a copy of Transfer advice so that we can track payment.

Note: Please make sure we are INFORMED before and after sending any payment to our Bank Account.

E-MAIL : INFO@ESTEEM.IND.IN

