



## Rotary Bottle Washing Machine SRWM Series



### 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 Specifications:

| Model                                  |                 | SRWM - 64                                 | SRWM - 96          |
|--|-----------------|---|--------------------|
| Output / Hour (bottle)                 |                 | 2600 to 6000                              | 4300 to 9000       |
| No. of Container Holder                |                 | 64  | 96                 |
| Direction of Movement                  |                 | 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 Heights                        |                 | 860 to 910 mm                             |                    |
| Machine Dimensions (In mm) (L x W x H) |                 | 1500 x 1750 x 1300                        | 1500 x 1750 x 1300 |
| Case Dimensions (In mm) Two Cases      | Machine         | 1600 x 1600 x 1550                        | 1600 x 1600 x 1550 |
|  | Tanks           | 1550 x 1000 x 1550                        | 1550 x 1000 x 1550 |
| Gross Weight                           |                 | 750 Kgs.                                  | 900 Kgs.           |
| Change parts required                  |                 | (A) Neck Dia: Bottle holding pocket.      |                    |
|  |                 | (B) Flat Container : Special type of cup. |                    |

### Input Specification:

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

\* Depends on bottle size & operator speed.

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

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

### Consumption of Water:

| Model        | SRWM - 64   | SRWM - 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 OR Air Wash |              |
| Outside Wash | 200 Ltr /Hr.  | 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 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.

### Utility Requirement:

|                           |                                  |
|---------------------------|----------------------------------|
| <b>Electrical Supply:</b> | Three Phase + Neutral + Earthing |
| <b>Electrical Load:</b>   | 2 KW + 3KW for heater            |
| <b>Air Pressure:</b>      | Minimum : 6 bar pressure 5 CFM   |