

## Brushing Unit with FRP / SS Cover for Glass Bottles



- The Brushing unit is used for cleaning glass bottles.
  - It is assembled on a stainless steel base plate with a Fiber Reinforced Plastic (FRP) SS cover. This cover protects a 1/2 HP I Phase 230 V 50 Hz motor. The motor is connected to two stainless steel shafts with pulleys and V-belt.
  - This unit must be mounted on the center of a cement / stainless steel/plastic tank of height 2.5 –3 feet. The size of the tank depends on the space availability and the number of bottles to be washed. The brushing unit thus mounted has two brushes extending on one side and two brushes on the other. Therefore two people standing on opposite sides of the tank can at once wash 4 bottles.
  - Once the bottles are brought back from the market, they are soaked in another tank containing water with soap solution. This ensures that all dirt particles are loosened. The bottles are now ready to be brushed.
  - There are two types of brushes mounted on the unit. One long brush cleans the inside of the bottles and at the same time another brush cleans the mouth of the bottle where there is generally rust formation due to crown corks. Two persons can wash approximately 8-12 bottles per minute. This depends on the dexterity of the workers and dirtiness of the bottles.
  - After the brushing the bottles can be rinsed with plain water with the help of Rinser.
- The Maintenance of the machine consists of greasing, V belt tightening whenever required and general cleaning



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