

Automatic Inverted Air Jet Cleaning Machines



(Photograph is for the reference purpose only. Machine Construction & Specification are subject to change without prior Notice due to Continues up-gradation Process)

Overview of the Equipments

- Machine having four / six / Eight nozzles for vacuum cleaning with INFEED, OUT FEED Tunnel & Dust Collector Mechanism
- Single and two track models are available.
- Useful for any diameter with outside diameter of neck of 20 to 45 mm & height of 225 mm.
- Out put speed is up to 60 to 120 Products per minute

Operation of the Equipments

Containers feed in upright position via a un-scrambler (optionally provided) are inverted in mouth down position and linearly feed through a chamber which is under a negative pressure. A series of nozzles blow air in the container to clean their containers, are re-erected with mouth up at the out feed end.

Containers are fed in upright position on a scrambler and further fed to feed worm, where they are automatically inverted.

The synchronized star wheel feed the container one by one through a chamber which is under negative pressure. A series of nozzles blow air in the container at a high pressure. The dust is collected in dust collector box through exhaust fan.

The container is further fed through the synchronized star wheel and feed worm.

It is once again inverted and comes out duly cleaned in upright position for further operation.

The turn table slowly & steadily feed bottles to the single track & two tracks feed worm where bottles are automatically inverted.

At the end of air washing operations bottles are re-inverted back into original position & attach with on line.

Salient Features of the Equipments

- Very compact, rigid & modular construction.
- Maximum 8 Wash of Air.
- All contact parts are of SS 304 or Hard-chrome plated or Brass for a corrosion free long life.
- Over load clutch is provided to prevent jamming on machine.
- No external lubrication required.
- Pressure regulator with pressure switch optionally provided.

Technical Specification of the Equipments

Optimum Output	60 to 120 Bottles Per Minute
Power Supply	1 H.P. , 415 Volts , 3 Phase (4 Wire System)
Cycle	50 Cycles / Sec.
Compressed Air	6 Kg Bar Pressure - Need to provide by customer