

Automatic Inline 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)

Specification of the Equipment

Machine's Basics:

Production Speed Per Hour	2000 to 2400 Bottles per Hour (Speed Depends up on the manual feeding of bottles on the conveyor by operator).
Number of Air Jet Nozzles	4 Nos. Nozzles
Suitable for Products	PET & HDPE Bottles ranging from 200 ml to 1000 ml
Bottles Cleaning Accuracy	95% Cleaning Accuracy
Rejection Ratio During Production	1%
Working Height	850 mm +/- 50 mm
Conveyor Length	5 Feet
Machine Weight	Approx 250 Kgs
Machine Dimension	Approx 5 (L) x 4 (W) x 5 (H) - in Feet
Change Parts	Required in case of change in Mouth OD / ID of Bottle

Machine's Material of Construction

Machine Main Base Frame	M.S. Powder Coated or Colored
Machine Coverings	Complete in S.S. 304
Product Contact Parts	S.S. 304
Non Contact Parts	S.S / M.S / Aluminium / Teflon (Whichever is applicable)
Conveyor Slat	S.S. 304 Slat with Nylon Strips on Side
Conveyor Shafts	M.S with Hard Chrome or Zinc Plating
Conveyor Sprockets	M.S or Nylon
Bearings	SKF / NTN
Plating(Wherever Applicable)	ENP / Zinc / Hard Chrome / Blackening
Diving System	IGUS Make
Centering Cups	Teflon Material
Guide Brackets	Moldex Make
Guide Rod & Pin	S.S. 304
Dust Collector	Drum with filter given inside the machine.

Machine's Electronics & Pneumatics Components

Conveyor Motor Make	0.5 H.P Hindustan / Remi / Bonfiglioli / Bonvario
Conveyor Gear Box Make	Hindustan / Remi / Bonfiglioli / Bonvario
Conveyor VFD Make	0.5 H.P Delta
In-Let Pipes	PVC
Pneumatics	FESTO / Janatics
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Vacuum Blower	1 H.P Indovac Make
Sensors	Photo Electric Sensors - SICK Make
Electrical Wiring	Ferule Numbering on all the wires with Proper Markings
Electrical Components	ABB / L&T / Siemens Make

Machine's Power & Air Consumption Requirement

Power Consumption	1 H.P / 230 V.AC
Phase	Single Phase
Compressed Air Required	2. H.P

Machine's Servicing & Maintenance

Maintenance of Machine	Weekly Oiling & Greasing is Required for smooth functioning of Machine
Machine Cleaning	Advisable to clean machine regularly for smooth functioning of Machine

Optional Accessories (If Required by Customer at Extra Cost)

1. Polycarbonate Enclosure in Aluminium Profile.
2. Production Counter
3. Touch Screen PLC – Delta Make.
4. Flame Proof Control Panel for Flammable Product

Machine's Utility Requirement (Customer need to Arrange)

1. Air Compressor for Compressed Air
2. Voltage Stabilizer to control power fluctuation
3. Main Electrical Power Input till Machine
4. Well Trained Operator for Operating the Machine
5. Un-Skilled Helper to help the Operator.