



Automatic Air Jet Cleaning Machine Inbuilt Unscrambler of 30" Dia SBAC - 120



Description :

Shree BHagwati Pharma Machinery Automatic Air Jet Cleaning Machine inbuilt Unscrambler of 30" Dia. is a compact unit used for cleaning of Dry Syrup bottles before filling.

Operation :

This machine works on a principle of back pressure of Bottle which will be fed by the unscrambler to reach separator assembly, which transfer the Bottle on conveyor belt and pushes bottle to the cleaning section one after another. Machine consist of two inverters and one cleaning section. Bottle will be pushed by rotating separator towards the in feed inverter, which makes the Bottle in the wrong direction and push it to cleaning section through back pressure of other Bottle. Cleaning section is equipped with continuous vacuum system. Bottle reaches to the cleaning section, a pair of nozzle starts to flush the air inside the neck of the Bottle and simultaneously vacuum will suck the particle, disturbed by the air. Then Bottle passes to another inverter, where changes the direction to the right direction, further Bottle moves either to the filling machine.

Salient Features:

- Totally made of S.S. Pipe structure with adjustable screws for height adjustment.
- Total cGMP model.
- Require less installation space.
- No timing setting is required to be done.
- Less change over time for change parts.

- High capacity blower suck the minute particle from bottle, ensure good cleaning of bottles.
- A Special clutch device is incorporated on the Star wheel system for Stoppage of Machine in the event, bottle is over turned or over diameter.
- Single motor synchronizes conveyor, star wheels and sealing head. Speed can be varied by the % speed pot on operating panel.

Basic Machine :

- Imported Gear Motor for Main drive.
- A.C. Frequency drive for Main drive.
- Acrylic Cabinet with Aluminum Structure for Machine.
- Infeed Turn Table.

Technical Specifications of Air Jet Cleaning Machine

Model	SBAC - 120
Direction	Left To Right
Production Rate.	Up to 60 to 120 Bottles / Min
Electrical Supply	1.00 HP For Main Drive
	0.5 HP For Blower.
Power Requirement	440 Volts, 3 Phase (4 wire System) 50 Hz.
Height of Conveyor	Adjustable from 800 to 850 mm
Dimensions	1815 MM (L) x 597 MM (W) x 1298 MM (H)
Net Wight	300 KGS. (Approx.)
Gross Weight	450 KGS. (Approx.)
Input Specifications :	
Bottle Diameter	25 mm To 55 mm MAXIMUM
Height	45 mm To 110 mm MAXIMUM.