



**BROTHERS**<sup>®</sup>  
PHARMAMACH (INDIA) PVT. LTD.

## AIRWASH 120.UN

### Automatic Unscrambler with Linear Air Jet Cleaning Machine

The Automatic Bottle Unscrambler with Air Jet Cleaning Machine Model AIRWASH-120.UN with speed of Max. 120 bottles per minute depending upon type and size of Bottles.

The Unscrambler system transfer bottles directly from the Unscrambler to the Machine Gripper Belt system in inverted position with continues motion having inbuilt Air Jet Cleaning Station which use Compressed Air and Suction Blower to clean the bottles in inverted position and then another set of Belt Gripping system invert the bottle into vertical position to move further for filling operation. Machine can be supplied with optional Elevator conveyor belt system for uninterrupted supply of bottles to Unscrambler. Machine applies Compressed Air through Jets and also sucks through Suction blower to complete the cleaning process. Machine can be used to clean Plastic or PET Bottles, Jars etc. Machine suitable for cleaning of non-sterile products like Dry Syrups, and Bulk Packing of Tablets and Capsules.

Machine in Stainless Steel Finish with all contact parts in SS304 or 316 and Nylon Material as per user requirement/selection.

#### TECHNICAL SPECIFICATIONS

Product Diameter : Upto 80 mm\*

Product Height : 150 mm\*

Speed : Upto 120 per minute depending on bottle size

Conveyor Height : 825 to 925 mm Adjustable

Overall Dimensions : 2600+800 mm (L) x 1300 mm (W) x 1825 mm (H)

\* Specification can be changed as per customers requirements

#### SPECIAL FEATURES :

- Unscrambler for uninterrupted bottle feeding
- Air Jet Nozzle with Suction blower for Cleaning
- Air Jet Blowing process in inverted bottle position
- Fully Stainless Steel Finish
- Simple Change over for different size
- Built in Colour Touch Screen with PLC control system
- Built in A.C. Variable Frequency Drive System.
- Automatic Infeed and Outfeed of containers
- Continues Linear Motion of Machine

#### Other Available Models

AIRWASH-300.UN   AIRWASH-240.INV   AIRWASH-100   AIRWASH-120.INV  
AIRWASH-220   AIRWASH-50   AIRWASH-150   AIRWASH-200



#### UTILITY REQUIREMENT :

Filtered Compressed Air : 5 to 7 Bar Air Pressure

Electrical : 415VAC Three Phase Power Supply (50 Hz) and 220 VAC 1

Phase Power Supply

Power : 3.0 Hp

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