

Bottle & Bung Washing Machine

OTHER PACKAGING & LINE AUTOMATION

ROTARY PRESSURIZED JET WASHING

MULTI-STATION JET MANIFOLD

WASHING CYCLE



MANUFACTURED IN WAGLE ESTATE, THANE

OUTPUT CAPACITY

20 to 60 bottles/min

FILL VOLUME RANGE

Vials & Bottles 10 ml to 500 m

VOLUMETRIC ACCURACY

Multi-cycle Cleanliness

CONTACT METALLURGY

SS 304 / SS 316 manifold & pum

CORE PRINCIPLE & AUTOMATION DESIGN:

Rotary washing machine for glass bottles, plastic containers, and bungs. Features multi-station internal and external pressurized water and air jetting cycles for thorough decontamination.

1. TECHNICAL OVERVIEW & MACHINE WORKING PRINCIPLE

Designed to clean various types of glass bottles or plastic/metal containers and bungs by subjecting them to a series of distinct processing operations. Features internal and external pressurized water and air jet wash sequences of controlled duration.

2. TECHNICAL PARAMETERS MATRIX

SPECIFICATION PARAMETER	ENGINEERING STANDARD / RANGE
Output Rate	20 to 60 containers per minute
Washing Cycles	4-Stage internal + external wash & air rin
Water Consumption	50 to 150 Litres/hr (depending on cycle)
Pump Motor	1.0 HP SS High Pressure Centrifugal Pump

3. MECHANICAL CAPABILITIES & FEATURES

Key Mechanical Inclusions:

- + Continuous rotary indexing carousel with container pocket holders
- + Stationary internal diving wash nozzles and external spray header
- + Multi-stage wash sequence (Recirculated water, fresh DM water, filtered air jet)
- + Recirculation tank with multi-stage cartridge filter and booster pump

Tested Products & Viscosities:

- Pharmaceutical glass bottle and vial decontamination
- Plastic container inversion wash before syrup filling
- Rubber bung & dropper plug ultrasonic / water washing

TARGET INDUSTRIES & COMPATIBLE FORMULATIONS:

Pharmaceutical | Cosmetics / Toiletry | Food & Beverage

Tested Formulations: Pharmaceutical glass bottle and vial decontamination, Plastic container inversion wash before syrup filling, Rubber bung & dropper plug ultrasonic / water washing

FACTORY ACCEPTANCE TESTING (FAT) & CGMP VALIDATION PROTOCOL

Manufactured under Schedule M and cGMP guidelines with sanitary mirror-polish SS 316 / SS 316L contact metallurgy. Clients and procurement engineers are welcome to our Wagle Estate, Thane factory for pre-dispatch Factory Acceptance Testing (FAT) with actual product containers and fluids. Full IQ/OQ qualification documentation and turnkey on-site SAT commissioning supported across India.

MANUFACTURING PLANT (THANE, MUMBAI):

Filltech Packaging Machines (Formerly BVS Pharma)
115, New Modella Industrial Estate, Padwal Nagar,
Wagle Industrial Estate, Thane 400604, Maharashtra, India

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Engineering Portal: https://filltech.in

FACTORY ACCEPTANCE & VERIFICATIONS:

Pre-Dispatch FAT: Container Trials at Thane Works
Verified Supplier: IndiaMART | TradeIndia | ExportersIndia
Machinery Trial Videos: @FillingMachinesIndia