

Overflow Liquid Filling Machine

FILLING MACHINES

OVERFLOW

4 / 6 HEAD

COSMETIC LEVEL



MANUFACTURED IN WAGLE ESTATE, THANE

OUTPUT CAPACITY

50-90 / min

FILL VOLUME RANGE

30 ml - 2 L

VOLUMETRIC ACCURACY

Consistent visual fill height

CONTACT METALLURGY

SS 304 / SS 316

CORE PRINCIPLE & AUTOMATION DESIGN:

Level-fill technology for a consistent look in clear bottles, suitable for shampoos, cleaners and foaming liquids.

1. TECHNICAL OVERVIEW & MACHINE WORKING PRINCIPLE

When visual shelf appeal is paramount, slight glass or plastic bottle volume tolerances can make liquid look unevenly filled. Filltech's Overflow Filling Machine fills every single bottle to the exact same visual cosmetic fill height, returning surplus liquid through an overflow manifold back to the holding reservoir.

2. TECHNICAL PARAMETERS MATRIX

SPECIFICATION PARAMETER	ENGINEERING STANDARD / RANGE
Speed	50 to 90 bottles / minute
Fill Level Accuracy	+/- 1 mm visual liquid line height
Container Range	30 ml to 2000 ml clear bottles
Fluid Return Loop	Automatic closed-loop overflow recirculation
Nozzle Sealing	Food-grade silicone / Viton neck seal cups

3. MECHANICAL CAPABILITIES & FEATURES

Key Mechanical Inclusions:

- + Cosmetic level fill: hides interior bottle volume deviations on retail shelves
- + Built-in fluid circulation and return manifold with buffer reservoir
- + Excellent bubble & foam handling: foam escapes automatically via overflow line
- + Heavy sealing rings with customizable bottle mouth gaskets

Tested Products & Viscosities:

- Clear glass bottle perfumes, colognes & body mists
- Liquid dishwash, floor cleaners & surface disinfectants
- Spirits, liqueurs, syrups & clear vinegars
- Foaming facial cleansers & body washes

TARGET INDUSTRIES & COMPATIBLE FORMULATIONS:

Cosmetics / Toiletry | Agro Chemical | Food & Beverages

Tested Formulations: Clear glass bottle perfumes, colognes & body mists, Liquid dishwash, floor cleaners & surface disinfectants, Spirits, liqueurs, syrups & clear vinegars, Foaming facial cleansers & body washes

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,
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FACTORY ACCEPTANCE & VERIFICATIONS:

Pre-Dispatch FAT: Container Trials at Thane Works
Verified Supplier: IndiaMART | TradeIndia | ExportersIndia
Machinery Trial Videos: [@FillingMachinesIndia](https://www.youtube.com/channel/UCFillingMachinesIndia)