

Automatic Cream / Paste Filling Machine

FILLING MACHINES

PISTON

4 / 6 HEAD

POPULAR



MANUFACTURED IN WAGLE ESTATE, THANE

OUTPUT CAPACITY

40-90 / min

FILL VOLUME RANGE

10 g - 1 kg

VOLUMETRIC ACCURACY

+/- 0.5%

CONTACT METALLURGY

SS 316

CORE PRINCIPLE & AUTOMATION DESIGN:

Hopper unit with synchronized conveyor and bottle indexing for gels, creams and viscous pastes.

1. TECHNICAL OVERVIEW & MACHINE WORKING PRINCIPLE

Designed specifically for viscous and non-free-flowing formulations, this automatic piston filler incorporates heavy conical hoppers with optional rotary paddle agitators. The rotary cut-off valves positive-charge each stroke without cavitation, ensuring dense creams, ointments, balms and pastes are dispensed cleanly into jars and bottles.

2. TECHNICAL PARAMETERS MATRIX

SPECIFICATION PARAMETER	ENGINEERING STANDARD / RANGE
Production Speed	40 to 90 containers per minute
Dosage Capacity	10 grams to 1000 grams
Viscosity Handling	Up to 100,000 cps (cold creams & pastes)
Contact Metallurgy	SS 316 mirror finished (Ra < 0.4 um)
Hopper Capacity	60 Litres SS 316 conical standard
Diving Stroke	Adjustable 50 mm to 180 mm bottom-up

3. MECHANICAL CAPABILITIES & FEATURES

Key Mechanical Inclusions:

- + Precision heavy-gauge rotary 3-way distribution valve
- + Positive cut-off blow-back shutoff nozzles to stop stringing
- + 50-litre to 100-litre jacketed stainless steel hopper unit
- + Variable speed slow-start diving stroke for wide-mouth containers

Tested Products & Viscosities:

- Face creams, hair gels, body butters & moisturizers
- Pharma ointments, pain balms, antiseptic gels
- Mayonnaise, peanut butter, chocolate spreads & fruit jams
- Dental pastes, polishing compounds & grease

TARGET INDUSTRIES & COMPATIBLE FORMULATIONS:

Cosmetics / Toiletry | Pharmaceutical | Food & Beverage

Tested Formulations: Face creams, hair gels, body butters & moisturizers, Pharma ointments, pain balms, antiseptic gels, Mayonnaise, peanut butter, chocolate spreads & fruit jams, Dental pastes, polishing compounds & grease

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](https://www.youtube.com/channel/UCFillingMachinesIndia)