

GAB 60

Single Head Tube Filling Machine



BY

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Case Packaging Solutions



GAB 60 is a versatile, single-head tube filling machine built for precision, hygiene, and productivity. Designed for pharmaceutical, cosmetic, and personal care applications, it supports a wide filling range of 1cc to 250cc with $\pm 1\%$ accuracy—making it ideal for varied SKUs and frequent batch changes. Whether you're handling plastic, laminated, or aluminum tubes, the GAB 60's intelligent changeover, multi-color dosing, and designer cut-seal options help elevate both form and function.

Salient Features

- **CE & GMP Compliance:** Built to meet global hygiene and safety standards for regulated industries.
- **Tail-Free Filling:** Ensures clean, consistent output with zero product wastage at the tube tail.
- **High-Quality Sealing:** Integrated with proven sealing technology for airtight, professional-grade tube closures.
- **Multi-Color Dosing:** Enables two-tone product designs, ideal for premium cosmetic or specialty formulations.
- **Automatic Tube Infeed:** Reduces manual effort and improves operational efficiency.
- **Fast & Easy Changeovers:** Optimized for frequent format shifts with minimal downtime.
- **Centralized Lubrication:** Built-in lubrication system increases uptime and reduces maintenance hassle.
- **Versatile Cutting & Sealing:** Offers designer cuts and combination sealing for custom branding requirements.
- **Safety Interlocks:** Operator-first design ensures safe machine access and minimized risks.

Technical Specifications

Parameter	Specifications
Machine Type	Single Head Tube Filling Machine
Max Mechanical Speed	Up to 60 tubes per minute
Minimum Filling Range	Min: 1cc Max: 250cc
Filling Accuracy	±1% of fill weight
Tube Diameter	Min: 12.7 mm Max: 40 mm
Tube Length	Min: 60 mm Max: 200 mm

Utilities Requirement

Parameter	Specifications
Power Consumption	3 Phase, 440 V, 50Hz Min: 1.5 kW Max: 4.25 kW
Air Consumption	Min: 100 LPM @ 6 kg/cm ² Max: 350 LPM @ 6 kg/cm ² or 13 CFM
Chilled Water Requirement	4 LPM @ 8–10°C (for hot air sealing)
Machine Weight	GAB Tube Filler – 1400 kg LS 120 Lamisealer – 400 kg

Optional Features

1	21 CFR compliant	18	Servo Indexing
2	Double Color Filling	19	Reverse Folding Beam
3	Combi Conversion	20	Jar Filling Conversion
4	Nitrogen Purging System before and after filling tubes	21	Pneumatic Sealer
5	Auto Infeed	22	Two Way rejection system
6	Profile Single Head	23	Three way rejection system
7	Profile Double Head	24	Inkjet printer
8	CI Pump to SS Pump conversion	25	Vision System for cleaning
9	Machine Extension	26	Vision System testing for sealing
10	Tube Orientation	27	Pharma code reader
11	PLC Control Panel	28	Ultrasonic Sealer
12	Cleaning In Place & Sterilisation In Place	29	Water Chiller
13	Motorised Stirrer	30	Trim Collector Indigenous
14	Jacketed Hopper	31	Trim Collector International
15	Guarding Cabinet	32	Jacketed Hopper
16	Servo Filling	33	Optical camera system for tube registration, Automatic tube orientation and print verification
17	Servo lifting	34	cGMP compliant

