

R30 Cosmetic Tube Filling Machine (Cosmetic, Cream, Lotion)



A cosmetic tube filling machine is a specialized piece of equipment designed to automate the filling process of cosmetic products into tubes. It is widely used in the cosmetic industry for filling various types of creams, lotions, gels, and other cosmetic formulations into tubes.

Key Features:

- 1. Tube Handling System:** The machine includes a tube handling system that guides and positions empty tubes for filling. It may have a conveyor system or robotic arms to transport the tubes to the filling station.
- 2. Filling Mechanism:** The filling mechanism of the machine involves a nozzle or multiple nozzles that accurately dispense the cosmetic product into the tubes. It can be adjusted to control the fill volume and ensure precise filling.
- 3. Hopper or Reservoir:** The machine typically has a hopper or reservoir to hold the cosmetic product. The product is either gravity-fed or pumped from the reservoir to the filling nozzles for dispensing into the tubes.
- 4. Speed and Control:** Cosmetic tube filling machines often offer adjustable speed settings to accommodate different production requirements. They may also feature controls to monitor and adjust parameters such as fill volume, tube positioning, and sealing.
- 5. Sealing and Coding (optional):** Some machines may include additional functionalities for sealing the filled tubes, such as heat sealing or ultrasonic sealing. They may also have coding systems to apply batch numbers, expiration dates, or other product information on the tubes.

Benefits:

- 1. Increased Efficiency and Productivity: By automating the filling process, a cosmetic tube filling machine significantly increases production efficiency and output. It can fill a large number of tubes accurately and quickly, reducing labor requirements and improving overall productivity.
- 2. Precise and Consistent Filling: These machines ensure accurate and consistent filling of cosmetic products into tubes, maintaining uniform quantities in each tube. This consistency enhances product quality, aesthetics, and customer satisfaction.
- 3. Versatility and Flexibility: Cosmetic tube filling machines can handle a wide range of tube sizes and shapes, allowing flexibility in packaging options. They are adaptable to different types of cosmetic formulations, such as creams, lotions, or gels.
- 4. Hygiene and Cleanliness: These machines are designed with hygiene in mind, incorporating features that ensure cleanliness and prevent contamination. They may have sanitary filling nozzles, easy-to-clean surfaces, and mechanisms for product containment.
- 5. Cost Savings: Automating the filling process with a cosmetic tube filling machine helps reduce labor costs, minimize product wastage, and optimize production efficiency. It leads to cost savings in the manufacturing process.
- 6. Product Integrity and Shelf Life: Accurate filling and sealing provided by these machines help maintain the integrity and shelf life of cosmetic products. They ensure proper product protection and minimize the risk of leakage or spoilage.

In summary, a cosmetic tube filling machine offers increased efficiency, precise filling, versatility, and cost savings, making it an essential equipment for the cosmetic industry. It allows for consistent and reliable packaging of various cosmetic formulations into tubes, meeting high-quality standards and enhancing the overall manufacturing process.

Technical Parameters

Voltage	220V /380V
Main Power	0.75KW
Air Pressure	0.6-0.7Mpa
Air Consumption	0.2m3/min
Capacity	10-40 tubes/min
Accuracy Measurement	+/-1%
Dimensions	1130*750*1680mm
Weight	300kg
Filling Volume	2-30/5-75/30-150ML