

Liquid Sachet Filling Machine



The sachet filling machine is a type of packaging machinery used to fill and seal small pouches or sachets with various types of products such as powders, granules, liquids, and pastes.

These machines are commonly used in the food and beverage, pharmaceutical, and cosmetic industries to package products in small, convenient, and easily transportable pouches.

The sachet filling machine typically includes a filling system, a sealing system, and a control system that regulates the filling and sealing processes.

A liquid sachet filling machine is a specialized industrial equipment used to automate the process of filling and sealing sachets or packets with liquid products. These machines are commonly employed in various industries such as food and beverage, pharmaceuticals, cosmetics, and household products.

Key features and functionalities of a liquid sachet filling machine may include:

1. Automatic sachet forming: The machine can automatically form sachets or packets from roll stock or pre-cut sachet material.
2. Liquid filling system: These machines are designed to handle liquid products of varying viscosities, such as beverages, sauces, oils, syrups, creams, and detergents. They employ specific mechanisms to accurately measure and dispense the desired amount of liquid into each sachet. Common filling systems include piston fillers, volumetric fillers, or peristaltic pumps.
3. Sealing mechanism: The machine seals the filled sachets using heat sealing, ultrasonic sealing, or other appropriate sealing techniques. This ensures product freshness, prevents leakage, and extends the shelf life of the liquid product.

4. Sachet size flexibility: Liquid sachet filling machines can often accommodate different sachet sizes and shapes, allowing for versatility in packaging options.
5. Adjustable filling parameters: These machines offer adjustable settings for filling volume, sachet length, and sealing time, allowing for customization and adaptation to different liquid product formulations and packaging requirements.
6. Hygiene and cleanliness: Liquid sachet filling machines are typically designed with materials and surfaces that comply with hygiene standards, ensuring product safety and minimizing the risk of contamination.
7. Easy integration: Many machines can be seamlessly integrated into existing production lines, facilitating efficient workflow and compatibility with other packaging equipment.
8. User-friendly interface: The machine may have a user-friendly control panel or interface, enabling operators to set up, adjust, and monitor filling parameters, as well as troubleshoot issues.
9. Accurate sachet positioning: Advanced systems may include sensors or vision systems to ensure proper positioning of the sachets during filling and sealing processes.
10. High-speed operation: Liquid sachet filling machines are often designed for high-speed production to meet the demands of large-scale manufacturing.

By utilizing a liquid sachet filling machine, manufacturers can automate and streamline the packaging process, increase production efficiency, ensure accurate and consistent filling of liquid products, and enhance product presentation.

Technical Parameters

Capacity	20-40 bags/min
Range of Measurement	1-100G
Bag Size	(L)20-160 (W)20-100mm
Sealing Type	Back sealing
Power	1180W
Total Power	380V/50HZ 220V/50-60HZ
Packing Material	Paper/the polyethylene,nylon/polyethylene,tea filter paper,etc
Net Weight	260kg
Overall Dimensions	(L)800*(W)800*(H)1800