

Automatic Liquid Soap Filling Machine (Such As Pesticides, Disinfectants, Medical Alcohol, etc.)



The working principle of a liquid soap filling machine involves the use of a pump or piston mechanism to draw the liquid soap from a supply tank and dispense it into the containers. The machine can be adjusted to control the amount of soap dispensed, ensuring consistent fill volumes for each container.

The main difference between automatic machine and a semi-automatic liquid soap filling machine is the level of automation in the filling process.

An automatic liquid soap filling machine is fully automated and can perform the entire filling process without any human intervention. It typically includes a conveyor belt, a filling nozzle or nozzles, and a control system. The containers are placed on the conveyor belt, and the machine fills each container with the desired amount of liquid automatically. The automatic filling machine can handle a large volume of containers and can fill them quickly and accurately.

Liquid soap filling machines are used in a variety of industries for filling containers with liquid soap and other similar liquid products include:

- **Cosmetics industry:** Liquid soap filling machines are widely used in the cosmetics industry for filling containers with various types of liquid products, such as hand soaps, body washes, shampoos, conditioners, and lotions.

- **Pharmaceutical industry:** Liquid soap filling machines are used in the pharmaceutical industry for filling containers with various types of liquid products, such as cough syrups, liquid medications, and eye drops.
- **Food and beverage industry:** Liquid soap filling machines are used in the food and beverage industry for filling containers with various types of liquid products, such as sauces, dressings, oils, and juices.
- **Chemical industry:** Liquid soap filling machines are used in the chemical industry for filling containers with various types of liquid products, such as cleaning solutions, solvents, and industrial chemicals.
- **Household and personal care industry:** Liquid soap filling machines are used in the household and personal care industry for filling containers with various types of liquid products, such as detergents, fabric softeners, and disinfectants.

In general, liquid soap filling machines are used in any industry that requires accurate, efficient, and consistent filling of liquid products into containers. They can handle a wide range of container sizes and shapes, as well as different types of liquids, making them a versatile and essential piece of equipment for many industries.

Technical Parameters

Filling Heads	12 heads
Min Filling Volume	500ml-5000ml
Production Speed	2000 Bph(basis on 5L bottle)
	3000-5000Bph (basis on 1L)
Voltage	220V/380V
Power	1 kw
Application Bottle Type	1-5L different shape bottles
Filling Error	$\leq \pm 0.5\%$
Work Pressure	0.55Mpa-0.65Mpa
Size	2000mm × 1000mm × 2200mm
Weight	700 kg