

# Types of Filling Machines For Cosmetic Creams and Lotions

Introducción detallada :

## Types of Filling Machines For Cosmetic Creams and Lotions

There are several types of filling machines for cosmetic creams and lotions. Pump filling machines, piston fillers, automatic tube filling machines, and Monoblock filling and capping machines are just a few options. Each has unique features and benefits. You can also combine them to increase your productivity and reduce your vulnerability to breakdowns. Let's take a closer look. Listed below are the benefits of each type.

### Pump filling machines



When comparing cosmetic products, pump filling machines are the most versatile fillers. They are perfect for a variety of products, including creams, lotions, gels, and water thin products. Pump filling machines are available in many types and sizes, including semi-automatic, two-head, and 12-head options. These machines also have touchscreen controls and Allen-Bradley PLCs.

There are several types of cosmetic filling machines, including piston and gravity fillers. Piston fillers are ideal for thin liquids and gels, while rotary valve fillers work best for thicker products. Both piston and gravity fillers can handle various types of viscosity and are available in various configurations. Pump filling machines are usually semi-automatic but can be fully-automated. They can have as many as 20 heads to fill various sizes of bottles.

NF-120 Fully-automatic Plastic tube filling machine is a high-quality machine that can fill both liquid and paste products. It offers excellent consistency in filling weight and can be programmed to print

one time. It is suitable for a variety of cosmetic products and daily chemical industries. It can automatically fill, seal, and stamp batch numbers, making it a flexible and highly versatile machine for your cosmetic business.

APACKS Single Head Positive Displacement Pump Filling Machine is a good entry-level pump filling machine. It can handle both thin and thick products, and has a simple, user-friendly design. It comes with multiple attachments, including an auto-injector and a filling wand. Further, it can be upgraded to 24 channels in the future. These machines can also be used in mobile chassis applications.

Tube filling machines can be used for a variety of products. They can fill cosmetic creams and lotions and even other types of packaging. They can be used for a variety of products, including toothpaste, lipstick, lotion, and shampoo. They are easy to use, and can be used to fill plastic or laminated tubes. The machine has an automatic batch no code function and can be programmed to print the date on the packaging. They also have a quantitative shutdown device, which is useful for a variety of applications.

## **Piston fillers**

The use of piston fillers in the cosmetics industry is a vital part of the packaging process. Cosmetic creams and lotions may be either liquid or thick, and filling equipment is required for this process. This equipment uses piston fillers and various types of heads to produce the desired product thickness. Piston fillers have several advantages over other types of fillers, including pump matching and multiple feed and discharge options.

When used in the manufacturing of cosmetic creams and lotions, piston fillers are ideal for filling tubes, bottles and jars. They can handle a variety of viscosities and provide accurate volumetric fill. They are often more appropriate for thick creams and lotions, but may also be more suited to thinner products. Additionally, piston fillers are versatile enough to work in different containers and products. One of the most important features of a piston filler is its ease of use. The ability to calibrate and configure a large filling solution requires a considerable amount of time and skill. Tabletop piston fillers offer an extremely simple setup process, which allows you to "Prime, Set, and Forget" it. The piston automatically locks into the correct fill volume and flow rate without the need for repeat calibration.

## **Automatic tube filling machines**

A tube filling machine works by placing tubes on a storage room that rotates with a turntable. These tubes are then placed at their corresponding positions. The machine has various parameters that need to be set to ensure the proper filling of the cosmetic cream or lotion. Moreover, automatic tube feeding and charging are possible with these machines. In this article, we will discuss the advantages of tube filling machines.

First of all, you need to determine the type of machine that you want to purchase. This is because tube filling machines differ in terms of how they operate. This machine is essentially made of many parts that are integrated and play specific roles. Each part is essential for the operation of the machine. The components are listed below. These parts can be grouped according to the type of operation that you're seeking from the machine.

Depending on the type of product you plan to create, you can choose a machine that is specifically designed for the type of packaging material you're using. Tube filling machines can fill both plastic and laminated tubes. They can also be used for thicker cosmetic creams and lotions. This type of machine can be configured to suit the type of packaging that you're looking for, such as jars or bottles.

One important aspect to consider when selecting a machine is the speed of the filling process. Typically, an automatic tube filling machine will fill between ten and twenty-two milliliter bottles per minute. It has high accuracy, and it's also easy to adjust the volume of the product. If you're looking for an automatic tube filling machine, choose a machine with four heads. A four-head machine will fill at a maximum speed of 2000-3000 bottles per hour.

NF-60/80 automatic tube filling machine features a fully automatic tube feeding system and one or two sealing heads. The machine's low power consumption, noise level, and accuracy make it an ideal

choice for any cosmetic manufacturing facility. These machines can also be customized for specific applications, including creams and lotions. Once purchased, these machines will save you a lot of money in the long run.

## **Monoblock filling and capping machines**

A monoblock filling and capping machine is an extremely versatile packaging solution for creams and lotions. Cosmetic products can range in viscosity from thin liquids to thick creams. The versatility of these machines make them ideal for a wide range of cosmetic products. The company YQ machinery provides a complete range of cream fillers and capper machines for various applications, from filling small containers to meeting packaging requirements.

A monoblock filling and capping machine is an excellent choice for manufacturers of hand cream and lotion products. The machine uses a piston filling method and has a micro-computer-controlled pump. It reduces detergent materials and is extremely easy to use. It can be easily connected to a labeling and capping machine. The machine is portable, and it comes with wheels for easy mobility.

The speed of a monoblock filling and capping machine depends on the nature of the liquid and the type of packaging. Its capabilities range from 10ml to 1000ml. The machines are available for a wide range of packaging types, including flat, round, and oblong bottles. Some models are capable of filling up to 120 bottles per hour. Whether you're looking for high-volume production, a monoblock filling and capping machine is perfect for your needs.

A monoblock filling and capping machine for cosmetic creams and lotions is one of VKPAK's most versatile packaging solutions, combining multiple machines into one. Because they're so flexible, these machines allow for a high-volume fill. Some models have pulse-based systems to measure how much a pump should be turned, which is perfect for cosmetic cream.