



Tube Filling & Sealing Machine

Anxine provides advanced tube filling and sealing machines, engineered for the efficient and hygienic packaging of viscous products. Our solutions ensure accurate volumetric filling for creams, gels, ointments, and pastes, followed by robust and secure sealing to prevent contamination and leakage. Ideal for pharmaceutical, cosmetic, and food industries, these systems are built for reliable high-speed operation and consistent quality.

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Semi-Auto Plastic Tube Filling Sealing Machine CNF-30A



The CNF-30A is a great option for businesses that are looking for a reliable and affordable way to package tubes. This machine is designed for efficiency and accuracy. It's excellent at dispensing products of various viscosities (ranging from thin liquids to thick pastes) into tubes. Once filled, it creates strong, neat seals, ensuring that the product remains in good condition and looks professional. The semi-automatic operation is great for different batch sizes and easy changeover. This makes it an essential tool for the pharmaceutical, cosmetic, food, and chemical industries.



Features

✓ Hygienic & Durable

Construction: All parts that touch your product are made from high-quality 316L stainless steel, so they're hygienic and long-lasting.

✓ **Easy Cleaning & Maintenance:** You can quickly take the parts apart and clean them because they connect easily.

✓ **Clean & Reliable Operation:** It has high-quality pneumatic parts and a device that blows air at the tail cutting section to prevent material buildup, ensuring smooth operation.

✓ **Precise & Stable Movement:** The motor can change its speed, which makes the tubes move in a steady and predictable way.

Technical Parameters

Model	CNF-30A
Filling Capacity	0~250 mL
Production Capacity	0-20 pcs/min
Power Supply	~220V±10%
Power	1.2 kW
Dimensions	1,200 x 800 x 1,450 mm
Weight	350kg

Automatic Plastic Tube Filling Sealing Machine CNF-80A



For big producers in pharma, cosmetics, food, or chemicals, the CNF-80A Automatic Plastic Tube Filling Machine delivers maximum output and consistent quality. This machine fully automates tube packaging, from loading to precise filling and tight sealing. Its high speed dramatically increases how much you can produce each day. Smart controls ensure highly accurate fills and flawless, leak-proof seals for your plastic tubes. The CNF-80A cuts labor costs, makes products consistently uniform, and helps you meet the strictest quality and GMP standards.

Features

✓ Blazing Production

Speed: Achieves a high output of 50 to 80 tubes per minute.

✓ **Broad Tube Versatility:** Handles a wide range of tube diameters (13.5-50mm) and lengths (up to 220mm).

✓ **Precise Filling Accuracy:** Guarantees filling accuracy of $\leq \pm 1\%$, ensuring consistent dosage.

✓ **Intelligent Safety System:** Equipped with multiple safety features like emergency stops, door interlocks, and overload limits for operator protection.

✓ **Hygienic & Corrosion-Resistant Build:** All product-contact parts are 316L stainless steel, offering corrosion resistance and stability in various chemical environments. The smooth, non-toxic surface is easy to clean and non-polluting.

✓ **Intuitive User Interface:** Features a simple, easy-to-understand operation panel for quick setup and control.

✓ **Optional Enhancements:** Available with optional insulation barrels and hybrid power to suit specific process requirements.



Specifications

Model	CNF-80A
Production Speed	50-80 tubes/minute
Filling Range	3-250 mL/tube
Filling Accuracy	$\leq \pm 1\%$
Recommended Room Temperature	18-26°C
Matching Motor	1.5 kW
Dimensions	2,400×1,100×2,400 mm
Weight	1500 kg

Automatic Aluminum Tube Filling Sealing Machine NF-60Z



If your products require strong, clean packaging in aluminum tubes, the NF-60Z automatic aluminum tube filling and sealing machine is the best choice for you. This machine does it all automatically: loading tubes, filling them precisely, and creating super-strong crimped seals. You'll achieve high output with consistent, leak-proof fills that help keep your products fresh longer. The NF-60Z cuts down on staff costs, reduces mistakes, and keeps your production line running smoothly and efficiently while meeting strict GMP quality standards.



Features

- ✓ **GMP-Compliant Design:** It features a smooth, non-toxic surface with no hidden corners, making it exceptionally easy to clean and maintain according to GMP standards.
- ✓ **Compact and efficient:** Its compact structure allows for rapid filling and sealing and can support complex tail shapes for diverse packaging needs.
- ✓ **Superior Filling Accuracy:** It employs a reliable piston-type filling valve for precise, easily adjustable, and consistent dosing.
- ✓ **Quick Disassembly for Hygiene:** Components such as the barrel, valve body, and injection head detach quickly for thorough cleaning and disinfection.
- ✓ **Versatile Sealing Options:** It easily adjusts to create various secure tail seals, including two-fold, three-fold, and saddle shapes.
- ✓ **Contamination-Free Bearings:** The fully enclosed, self-lubricating bearings prevent product contamination and reduce maintenance.
- ✓ **Stable and High-Speed Operation:** Frequency conversion speed regulation and coordinated controls ensure smooth, stable, and fast performance.
- ✓ **Robust Safety Features:** Essential safety mechanisms like an emergency stop button and door protection ensure operator safety.

Technical Parameters

Model	NF-60Z
Max Capacity	30-50pcs/min
Filling Range	Aluminum Tube 5-150mL
Length of Tube	Aluminum Tube 50-180mm
Diameter of Tube	Aluminum Tube 13-35mm
Pressure	0.5-0.7MPa
Dimensions	1,950 x 1,000 x 1,800mm
Weight	850kg



info@anxine.com

0086 137-5776-3288

<https://www.anxine.com>

DaoHang Rd. Wenzhou, Zhejiang, China, 325200

Wenzhou Anxine Machinery Co., Ltd.