



Liquid Capsule Filling Machine

This machine fills oil or semi-liquids into hard capsules precisely. It seals the capsule body and cap tightly, and completes the process with drying. Anxine offers both semi-automatic and fully automatic liquid capsule filling machines, along with sealing and drying equipment to support your full production line.

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Semi-Automatic Liquid Capsule Filling Machine JTJ-L



For liquid capsule filling, the JTJ-L is a smart pick. This tough semi-automatic machine helps pharma and specialty makers accurately fill hard capsules (gelatin or HPMC) with liquids, oils, or even thick pastes. Unlike full-auto machines, the JTJ-L offers the best of both: human control combined with machine accuracy. This makes it perfect for R&D projects, clinical trial samples, or medium-sized batches where flexibility matters and you want to avoid waste. It's easy to use and quick to switch between products. Plus, it meets high hygiene standards, ensuring consistent doses and top-quality capsules every single time.

Features

- ✓ **Boosted Accuracy & Efficiency:** Don't worry about the problems that come from filling by hand. It uses mechanical methods to greatly improve how accurately and efficiently you can fill liquids.
- ✓ **Precise Dosing:** A smart suction pump works with a precise control valve system to make sure that every liquid dose is exactly right.
- ✓ **Smooth, Continuous Flow:** The smart driving motor and turntable design allow liquid to flow seamlessly and efficiently into capsules without interruptions.
- ✓ **Simple Maintenance:** We provide detailed cleaning and maintenance guides, making it easy to keep your machine running stably and reliably for years to come.
- ✓ **Built for Safety:** It uses a 380V50Hz three-phase, four-wire power supply, so safety is very important. We always emphasize proper grounding protection to ensure your team's safety.
- ✓ **User-Centric Design:** Every step, from pouring in capsules to collecting the finished product, is designed to be easy and smooth.
- ✓ **Easy Care:** Key parts of the machine, like capsule delivery, turning and separation, and the filling mechanism, are designed as separate units. This makes repairs easy and upgrades simple.



Technical Parameters

Model	JTJ-L
Output	1-10,800 capsules per hour
Capsule Size	00#, 0#, 1#, 2#, 3#, 4#
Filler Drug Type	Liquid material
Total Power	3.2 kW
Compressed Air	0.03 m ³ /min, 0.7 MPa
Vacuum Pump	40 m ³ /h
Overall Dimensions	Length: 1,130mm
	Width: 700mm
	Height: 1,600mm
	Weight: 400kg

Automatic Liquid Capsule Filling Machine

NJP-500L



The NJP-500L is a game-changer for automatic liquid capsule filling. It brings top speed and precision to industrial pharma production. This advanced machine easily handles a steady flow of hard gelatin or HPMC capsules, filling them precisely with liquids, suspensions, or oils. It's built for efficiency with very little need for hands-on work. The NJP-500L makes sure every dose is consistent and the process is super hygienic. This also really cuts down on labor costs and meets strict GMP rules. It's the perfect fit for manufacturers who need high output and consistent, top-quality products. It helps you stay ahead in a tough market.

Features

- ✓ **Advanced Technology:** Built with top-tier international components like its reducer, vacuum pump, and cam indexer, the NJP-500L offers a high-end setup and rock-solid performance you can count on.
- ✓ **Enhanced Efficiency:** You'll get excellent sealing, super precise filling, and smooth operations. Plus, its variable frequency speed control means high output, but with low energy use and surprisingly little noise.
- ✓ **Versatile Applications:** It's incredibly versatile. Not only can it handle liquids, but it also fills slow-release pellets or tablets, and can even mix different ingredients into one capsule.
- ✓ **User-Friendly Interface:** The touchscreen is very user-friendly. It keeps you updated with clear alarm notifications and lets you monitor key things like motor status, hopper levels, and how capsules are feeding, so everything runs smoothly.
- ✓ **Precision Sealing and Drying:** Its clever dual sealing rollers and efficient drying process make sure capsules are perfectly sealed and stay intact, every time.
- ✓ **Smooth Conveyance:** Capsules move smoothly through the machine thanks to a special mechanism that corrects their position, preventing any damage or printing issues.
- ✓ **Adaptive Capsule Sizing:** Changing capsule sizes is a breeze. Just swap out a few parts, and you're ready to go.
- ✓ **Consistent Sealing Solution:** A clever water-supplying function keeps the sealing solution's concentration just right, ensuring consistent, optimal sealing performance.



Technical Parameters

Model	NJP-500L
Capacity	36,000 capsule per hour
Capsule Size	00# to 5#
Power input	380V 50Hz three-phase four-wire
Total Power	7.75 kW
Relative humidity	40~55%
Temperature	21°C±3°C

Automatic Liquid Capsule Sealing Machine

ACF-1200



The ACF-1200 is specifically designed to be the ultimate guardian for your liquid-filled capsules. This automatic capsule sealing machine applies a precise, uniform seal around the capsule joint, effectively preventing any leakage of liquid, oil, or suspension. More than just sealing, the ACF-1200 adds a critical layer of product protection, extending shelf life, safeguarding against contamination, and providing clear tamper evidence. Built for high-speed operation and consistent results, it's an indispensable addition to any

pharmaceutical production line focused on delivering truly secure and high-quality liquid capsule products.

Features

- ✓ **High Precision & Consistency:** It uses advanced servo drives and high-resolution photoelectric sensors. This means every single capsule gets sealed with incredible precision and consistency.
- ✓ **Fully Automated Process:** From the moment capsules are fed in, through precise positioning, to the final seal, it's all completely automatic. This cuts down on manual work and really boosts how much you can produce.
- ✓ **User-Friendly Interface:** The HMI touchscreen is super easy to use. It supports multiple languages and even has detailed online help, making operation and maintenance straightforward.
- ✓ **Built-in Safety:** Safety is a top priority. With features like an emergency stop button and door interlock switches, your operators are always protected.
- ✓ **Modular Design:** Its modular structure makes parts quick to swap out and clean, cutting down on downtime. Plus, all critical components are made from high-quality materials for a long, reliable life.
- ✓ **GMP Compliant:** It's designed and built strictly to Good Manufacturing Practice (GMP) standards. This ensures top-notch hygiene and product safety, which is essential in pharma.



Specifications

Model	ACF-1200
Capacity	1,200 capsules per minute
Capsule Size	00#~2# and safety capsules A~E
Capsule filling rate	≥99.5%
Vacuum	-0.02~-0.06 MPa
Water flow	250L/h
Motor power	7.75kW
Power supply	three-phase four-wire AC 380V; 50Hz
weight	900kg
Dimensions	2,300 × 860 × 2,000 mm



info@anxine.com

0086 137-5776-3288

<https://www.anxine.com>

DaoHang Rd. Wenzhou, Zhejiang, China, 325200

Wenzhou Anxine Machinery Co., Ltd.