



## Vertical Form Fill Seal Machine

These ingenious systems make bags from continuous rolls of film, accurately fill them with various products, including free-flowing powders, granules, liquids, and pastes, and then skillfully seal them. This integrated bag-making, filling, and sealing process provides unparalleled speed and adaptability to various bag types. For industries that prioritize high throughput and consistent quality, our VFFS machines ensure hygienic and reliable packaging for a wide range of products.

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# Automatic Powder Packing Machine DXD-80P



Make your own pouches to save time and money. A 3-side seal pouch machine takes a roll of film and quickly turns it into pouches that are ready to fill and sealed on three sides. This gives you full control over pouch size and quality. It speeds up production, saves money because you don't have to buy pre-made bags, and makes sure you always have enough packaging. It's great for many industries that need flexible, flat pouches.

## Features

- ✓ **Full Automation:** Automates the whole process from measuring to finished product, cutting manual labor.
- ✓ **High Accuracy:** Sensors ensure consistent, exact filling for every bag.
- ✓ **User-Friendly:** Touch screen control makes settings quick and easy, with real-time status display.
- ✓ **Wide Use:** Works well with many powder materials like medicines and food additives.
- ✓ **Simple Maintenance:** Compact design is easy to clean and maintain; quality parts ensure long life.
- ✓ **High Safety:** Features like an emergency stop and overload protection ensure safe operation.
- ✓ **Smart PLC Control:** Offers a clear touchscreen for easy monitoring.
- ✓ **Compact & Easy:** Simple to operate and maintain, saving training time.
- ✓ **Smart Temp Control:** Ensures firm, efficient seals.
- ✓ **Accurate Bag Making:** Fast and low-noise bag production with precise sensing.
- ✓ **Durable Build:** Stainless Steel Casing ensures long life and easy cleaning.



## Technical Parameters

| Model             | DXD-80P                            |
|-------------------|------------------------------------|
| Sealing Type      | Back-seal & 3-side seal            |
| Packing Speed     | 20-40 bags/min                     |
| Bag Size          | Length: 50-140 mm, Width: 30-80 mm |
| Measurement Range | 1-20 g, 20-50 g                    |
| Power Supply      | 220V/110V, 50-60 Hz, 1.5 kW        |
| Weight            | 195 kg                             |
| Dimensions        | 800 x 700 x 1550 mm                |

# Automatic Liquid Packing Machine DXD-80L

Filling liquids into pouches needs precision and cleanliness. The DXD-80L can do this easily. It accurately measures and fills liquid products into pouches, then seals them tightly. This helps prevent spills, makes sure you get the same amount each time, and keeps things clean. It's very important for high-speed lines that handle beverages, sauces, gels, and other liquids. It improves efficiency and product quality.

## Features

- ✓ **High Automation:** PLC and LCD combined ensure high automation from setup to operation, reducing manual work.
- ✓ **Flexible Adjustment:** Digital photoelectric system allows easy adjustment of bag length and pulling speed.
- ✓ **Precise Pattern:** Advanced cursor alignment ensures accurate pattern positioning on each bag.
- ✓ **Smooth Bagging:** Synchronous system ensures smooth and accurate bag pulling.

- ✓ **Versatile Sealing:** Supports 3-side, 4-side, or back (pillow) sealing. Can add thermal printers and easy-tear cutters.



## Technical Parameters

| Model             | DXD-80L                            |
|-------------------|------------------------------------|
| Sealing Type      | Back-seal & 3-side seal            |
| Packing Speed     | 30~60 bag/min                      |
| Bag Size          | Length: 50~120 mm, Width: 40~80 mm |
| Measurement Range | 1~20mL; 20~50mL                    |
| Power Supply      | 220V/110V, 50-60 Hz, 1.1 kW        |
| Weight            | 185 kg                             |
| Dimensions        | 850 x 700 x 1,650 mm               |



# Automatic Powder Packing Machine DXD-300F



The DXD-300F automatic powder packing machine is a high-tech solution for efficiently and precisely packaging powder. It automatically measures, fills, and seals, so every bag has the same product. This machine can handle different types of powders. These include medicines and food additives. It reliably processes all of them. It uses the latest technology for fast, accurate operations and strict quality control, making it ideal for modern production needs.

## Features

- ✓ **Full Automation:** Automates material feeding to finished product output, boosting efficiency and cutting manual labor.
- ✓ **Ultra-High Precision:** Advanced sensor and intelligent control ensure consistent, accurate fills with minimal error.
- ✓ **Highly Adaptable:** Works with diverse powder types and supports customized packaging sizes/specifications for varied market needs.
- ✓ **User-Friendly:** Intuitive touch screen for all settings, with detailed help documents for easy onboarding.
- ✓ **Efficient & Stable:** Optimized layout and rugged design ensure high reliability and durability for continuous, long-term operation.
- ✓ **Robust Safety:** Multiple built-in features like overload protection, temperature monitoring, and emergency stop ensure operator and equipment safety.
- ✓ **Simple Cleaning:** Modular design allows easy disassembly for cleaning; smooth, corner-free exterior meets strict hygiene standards.



## Specifications

| Model             | DXD-300F                            |
|-------------------|-------------------------------------|
| Sealing Type      | Back Seal                           |
| Packing Speed     | 20-40 bags/min                      |
| Bag Size          | Length: 30-160 mm, Width: 80-150 mm |
| Measurement Range | 30-100 g                            |
| Power Supply      | Single Phase 220VAC 50Hz, 1.1 kW    |
| Weight            | 200 kg                              |
| Dimensions        | 950 × 800 × 1650 mm                 |

# Automatic Powder Packaging Machine

## VFSS-50P



The VFSS-50P is an automatic powder back-seal packaging machine. It is a specialized, single-channel solution. It is designed for efficiently and accurately packing powdered materials. It completely automates the process, combining feeding, precise metering, bag formation, filling, sealing, and cutting into one smooth operation. This ensures that each pouch contains the exact amount of product, providing excellent stability in your production. It is perfect for industries like pharmaceutical companies and food processing plants. The VFSS-50P can handle different types of materials, including pharmaceutical powders, food additives, and more.

### Features

- ✓ **Efficient Automation:** Fully automates bag making, filling, sealing, date printing, tearing, cutting, and counting.
- ✓ **Precise Control:** Stepper motor-driven for adjustable bag length and speed, ensuring reliable performance.
- ✓ **Automatic Detection:** Photoelectric sensor



maintains pattern integrity and aesthetic appeal on bags.

- ✓ **Material Saving:** Automatically stops when packaging material is low, preventing empty bag runs.
- ✓ **Self-Diagnosis:** Built-in diagnostics with fault indication for quick and easy troubleshooting.
- ✓ **Quality Sealing:** High-precision PID temperature control system ensures consistent, quality heat seals.
- ✓ **Easy Maintenance:** Simple, intermittent structure designed for straightforward operation and upkeep.
- ✓ **High Versatility:** Multi-purpose packaging with interchangeable filling heads for diverse product needs.
- ✓ **Optional Functions:** Can include batch number printing and easy tearing for added convenience.
- ✓ **Durable Build:** High-quality components ensure stable performance, low noise, and extended service life.

### Specifications

| Model               | VFSS-50P   |
|---------------------|--|
| Packaging Materials | PE, PP, PET, aluminum foil composite film, etc.  |
| Packing Speed       | Up to 60 bags/min                                |
| Bag Size            | Length: 50-200 mm, Width: 50-150 mm              |
| Compressed Air      | 0.6 MPa, air consumption 0.3 m <sup>3</sup> /min |
| Power Supply        | AC220V/50Hz or AC110V/60Hz, 1.5 kW               |
| Weight              | 350 kg   |
| Dimensions          | 1200 × 700 × 1800 mm                             |

# Vertical Packing Machine VFSS-520P

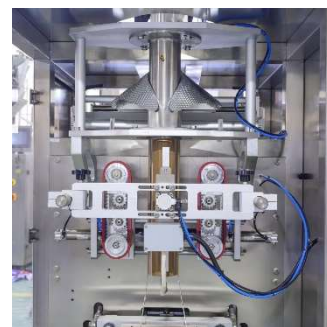


The BVL-520 vertical automatic packaging machine is designed for efficient and accurate packaging. It works across diverse industries. These include pharmaceuticals and food processing. It expertly handles a wide array of materials, including granular and powdered products, tablets, capsules, and candies of various shapes and sizes.

The BVL-520 was built with advanced technology and a simple design. It has a precise weighing system and a stable mechanical structure. It's great for medium-sized productions and changing packaging needs because it's so flexible and adaptable.

## Features

- ✓ **Fully Automated Process:** This machine handles everything from feeding materials to delivering finished products. It needs less manual work and boosts efficiency.
- ✓ **High-Precision Weighing & Filling:** Gets super accurate fills every time, thanks to smart sensors and controls. This means consistent product quality and very little waste.
- ✓ **Broad Versatility:** Works with many bag types (like 3-side and 4-side seal) and different package sizes. It easily adapts to various market needs.
- ✓ **User-Friendly Operation:** Has an easy-to-use touchscreen for all settings. Plus, built-in help documents make it simple for anyone to learn.
- ✓ **High Efficiency & Stability:** Designed for long-term, continuous work. Its strong build and smart internal layout mean high reliability, durability, and lower maintenance.
- ✓ **Strong Safety:** Packed with safety features like overload protection and emergency stops. This keeps operators safe and the machine running smoothly.
- ✓ **Easy to Clean:** Easy to clean thanks to its modular design; parts come apart easily. Its smooth, simple exterior also prevents dirt buildup and makes daily cleaning fast.
- ✓ **Compact Design:** Saves space without losing power. It's perfect for places where room is limited.
- ✓ **Vertical Design Advantages:** Its vertical design helps materials flow better, especially fragile or oddly shaped items. This reduces damage and improves package quality.



## Technical Parameters

| Model           | VFSS-520P   |
|-----------------|---|
| Packing Film    | Suitable for OPP/CPP, CPP/PE. Requires roll format, external diameter ≤ 400 mm, inner shaft diameter 75 mm. |
| Bag Size        | Width: 90-250 mm; Length: 80-360 mm (up to 450 mm with secondary belt push).                                |
| Packing Speed   | 5-70 bags/min   |
| Film Thickness  | 0.05-0.10 mm  |
| Air Consumption | 0.7 MPa, 300 L/min  |
| Weight          | 350 kg  |
| Dimensions      | 1,180 x 1,500 x 1,530 mm  |



[info@anxine.com](mailto:info@anxine.com)

0086 137-5776-3288

<https://www.anxine.com>

DaoHang Rd. Wenzhou, Zhejiang, China, 325200

**Wenzhou Anxine Machinery Co., Ltd.**