

Automatic Capsule Filling Machine NJP-4000D



The NJP-4000D is a fully automatic capsule filling machine. It is used for large-scale pharmaceutical and supplement production, ideal for both powder and pellet filling. The machine handles a wide range of capsule sizes (from 00# to 5#) with consistent dosing precision. Its production is up to 4,000 capsules per minute.

The NJP-4000D completes capsule separation, filling, tamping, and ejection smoothly and efficiently. It helps maintain accuracy, reduce product loss, and support long-term stable operation. All processes comply with GMP standards to support strict quality control in capsule production. If you require customization, tell us your requirements in detail and our professional team try best to meet your needs.

Features

- ✓ **Flexible adjustments.** Dosing levels and machine parameters can be easily tuned to optimize filling efficiency for different products.
- ✓ **High-precision filling.** The machine is equipped with a 5-stage tamping system for accurate powder dosing and pellet filling support.
- ✓ **Modular Integration.** It easily connects with polishing, sorting, or counting machines for a full capsule production line.
- ✓ **User-friendly operation.** Simplified interface and low-cost maintenance make operation easy, even for new users.
- ✓ **Hopper level monitoring.** Integrated sensors automatically detect powder levels to maintain consistent flow and filling.
- ✓ **Capsule protection.** Smooth transport and handling system protects capsules from cracking or deformation.



Technical Parameters

Model	NJP-4000D
Maximum Output	240,000 capsules per hour
Capsule size range	00#-5# and safety capsule
Electrical Supply	380/220V,50/60Hz
Total Power	12 kW
Vacuum	-0.02 ~ 0.06 MPa
Noise	<70dB
Ambient Temperature	21 ± 3°C
Relative Humidity	40-55%
Overall Dimensions	Length: 1,950mm Width: 1,260mm Height: 2,380mm Weight: 2,800kg