

Automatic Capsule Filling Machine NJP-1200D



The NJP-1200D is a high-speed automatic capsule filling machine designed for hard gelatin capsules. It can handle complex filling tasks, like filling powders, pellets, or both in a single capsule. Its modular structure allows quick cleaning and changeover. The touchscreen interface makes operation simple, and the machine fits well in GMP-compliant environments with limited space.

This machine fills up to 1,200 capsules per minute and supports sizes from 000 to 5. It also includes special capsules like SUPRO and DB Caps. The five-stage tamping system ensures precise powder dosing, while an optional station allows pellet filling. smart capsule rejection and error alarms help ensure smooth and clean operation.

Features

- ✓ **Wide capsule compatibility.** It works with capsule sizes 000 to 5 and processes special capsules like SUPRO and DB Caps.
- ✓ **Precise powder dosing.** The five-stage tamping system creates uniform and compact powder slugs for accurate filling.
- ✓ **Modular design.** Its modular structure makes cleaning and changing parts fast and simple.
- ✓ **Easy control.** A touchscreen interface offers clear menu navigation and real-time production monitoring.
- ✓ **Integrated vacuum separation.** Capsules are gently separated with minimal damage.
- ✓ **Built-in cleaning station.** Upper and lower capsule segments are cleaned during production with vacuum and air.



Technical Parameters

Model	NJP-1200D
Maximum Output	72,000 capsules per hour
Capsule size range	00#, 0#, 1#, 2#, 3#, 4#
Electrical Supply	AC3 ~ 380 V, 50 Hz (customizable)
Total Power	7 kW
Vacuum	0.04 ~ 0.08 MPa
Compressed Air	NLT 5 kPa
Ambient Temperature	21 ± 3°C
Relative Humidity	45-50%
Overall Dimensions	Length: 980mm Width: 980mm Height: 2,100mm Weight: 1,200kg