

Automatic Capsule Filling Machine NJP-400C



The NJP-400C is a fully automatic hard capsule filler designed for reliable and efficient capsule production. It can fill up to 400 capsules per minute and supports capsule sizes from 0# to 4#. The machine uses a closed rotary turret, which keeps the filling area clean and makes maintenance easier. It combines mechanical, electrical, and pneumatic systems to ensure smooth and stable performance.

It is simple to change capsule sizes, thanks to its quick-change mold design.

Operators can replace parts without fully disassembling the machine. The machine also includes a powder level sensor to control the filling amount accurately for each capsule.

With its compact size, stable output, and modern control systems, the NJP-400C is suitable for small to medium-sized pharmaceutical factories. It is an ideal choice for companies looking to improve capsule production with less manual work and higher precision.



Features

- ✓ **High output.** It fills up to 400 capsules per minute for efficient production.
- ✓ **Advanced control.** Its upgraded electrical and vacuum systems improve reliability.
- ✓ **Lower maintenance.** The bottom cam design reduces friction and extends part life.
- ✓ **Vacuum separation.** It separates the capsule cap and body and removes defective capsules.
- ✓ **Dust removal system.** The strong suction keeps the machine clean during operation.
- ✓ **Easy mold change.** Users can quickly switch parts to match different capsule sizes.
- ✓ **Sensor-controlled powder level.** A sensor adjusts powder levels to ensure the right dose.

Technical Parameters

Model	NJP-400C
Maximum Output	24,000 capsules per hour
Electrical Supply	AC3 ~ 380/220 V, 50/60 Hz (customizable)
Total Power	3.7 kW
Vacuum	0.04 ~ 0.08 MPa
Compressed Air	NLT 5 kPa
Ambient Temperature	21 ± 3°C
Relative Humidity	45-50%
Overall Dimensions	Length: 750mm
	Width: 700mm
	Height: 1,700mm
	Weight: 700kg