

Automatic Capsule Filling Machine NJP-7500C



The NJP-7500C is a high-speed automatic capsule filling machine designed for hard gelatin or HPMC capsules. It handles capsule separation, powder dosing, and capsule closing all in one continuous process. With a maximum output of 7,500 capsules per minute, it's one of the fastest options on the market. This model supports capsule sizes from 00# to 5#, and works well with powders, granules, or pellets. Whether you're producing pharmaceuticals, dietary supplements, or functional foods, the NJP-7500C helps ensure precise filling and consistent quality. The NJP-7500C focuses on large-scale capsule production with stable output. Its compact design fits well in cleanrooms, while the fully enclosed structure keeps operations hygienic and safe. The machine also meets GMP standards, making it suitable

for regulated markets. For companies seeking a balance of speed, quality, and reliability in capsule filling, the NJP-7500C is a smart investment.



Features

- ✓ **Accurate multi-stage dosing.** The five-stage tamping system ensures consistent fill weights and reduces product waste.
- ✓ **Reliable vacuum separation.** It's built-in vacuum system gently separates capsule caps and bodies, improving accuracy and reducing the risk of capsule damage.
- ✓ **Defective capsule removal.** The machine detects and removes capsules that are not filled or closed properly.
- ✓ **User-friendly touch screen.** A smart control panel allows operators to set parameters, view system status, and switch between manual and automatic modes with ease.
- ✓ **Low maintenance requirements.** With durable parts and easy-access components, the NJP-7500C minimizes cleaning and maintenance time.

Technical Parameters

Model	NJP-7500C
Maximum Output	450,000 capsules per hour
Electrical Supply	380V/50Hz, three-phase five-wire
Total Power	13.5 kW
Vacuum	0.04 ~ 0.08 MPa
Noise	<75dB
Ambient Temperature	21 ± 3°C
Relative Humidity	45-50%
Overall Dimensions	Length: 1,700mm
	Width: 1,220mm
	Height: 2,150mm
	Weight: 3,800kg