Automatic Capsule Filling Machine NJP-1200C



The NJP-1200C capsule filling machine is applied to large-scale pharmaceutical production. It fills up to 1,200 capsules per minute with high accuracy. Its 5-stage tamping system ensures precise and consistent powder filling. A smart touchscreen makes operation simple. In addition, the real-time monitoring and automatic fault alerts reduce errors. The machine uses modular parts, so it is easy to switch between capsule sizes (00# to 5#) or different filling materials. With built-in vacuum and self-cleaning systems, it runs smoothly with less downtime. Strong and high-quality parts make it reliable for 24-hour production.



Features

✓ **Industry-leading speed.** The NJP-1200C fills 1,200 capsules per minute, making it one of the fastest machines in its class for large-scale production.

✓ **Smart touchscreen control.** An intuitive HMI interface displays real-time output, fault alerts, and maintenance prompts to streamline operations.

✓ **Self-diagnostic safety features.** The fully automatic model integrates sensors that detect blockages, misaligned capsules, and low powder levels. It can automatically pause production if issues arise.

✓ **Hygienic and low-maintenance design.** Sealed stainless-steel components and automated cleaning functions reduce contamination risks and downtime.

✓ **Energy-efficient operation.** Optimized motors and reducers consume just 5.75 kW while maintaining low noise (<75 dB) for workplace comfort.

Technical Parameters

Model	NJP-1200C
Maximum Output	72,000 capsules per hour
Capsule size range	00#, 0#, 1#, 2#, 3#, 4#, 5#
Electrical Supply	AC3 ~ 380 V, 50 Hz (customizable)
Total Power	5.75 kW
Compressed Air	0.06m^3/min 0.3Mpa
Ambient Temperature	21 ± 3℃
Relative Humidity	40-55%
Overall Dimensions	Length: 1,020mm Width: 860mm Height:1,970mm Weight: 900kg