

Semi-Automatic Capsule Filling Machine

JTJ-V Pro 5



The JTJ-V Pro 5 semi-automatic drawer-type capsule filling machine is designed for small to medium batch production, filling powders or fine granules into different types of capsules. It can handle capsule sizes from 00# to 4#, with a filling capacity of up to 42,000 capsules per hour (depending on operator skill and capsule type). It features PLC control, a variable speed motor, and an easy-to-clean design. This capsule filling machine is suitable for pharmaceutical, health supplement, and laboratory-scale production.

Features

✓ **Wide Application**

Range: Suitable for filling powder and granular materials, compatible with

multiple capsule sizes including 00, 0, 1, 2, 3 and 4.

✓ **High Production Efficiency:** Equipped with a frequency conversion speed regulation mechanism and matched with a double capsule feeding mechanism, which enables faster capsule feeding and higher output. The maximum output can reach 42,000 capsules per hour (depending on operator proficiency and capsule model).

✓ **Mature and Stable Structure:** Integrates capsule feeding, turning, separating, material filling, locking, pneumatic and electrical control systems, combined with vacuum pump and air pump accessories, ensuring stable and reliable operation.

✓ **Reliable Safety Design:** Adopts a two-hand confirmation safety device to ensure safer operation and reduce the risk of misoperation.

✓ **Convenient and Comfortable to Use:** Drawer-type structure with ergonomic workflow, making operation more smooth and labor-saving.

✓ **Easy to Clean and Maintain:** Full stainless steel operation table with a tabletop cleaning port, complying with hygiene standards and facilitating daily cleaning.



Technical Parameters

Model	JTJ-V Pro 5
Output	Up to 42,000 capsules per hour
Capsule Size	00#, 0#, 1#, 2#, 3#, 4#
Filling Materials	Powder and tiny granules without viscosity and water
Total Power	3.2 kW
Compressed Air	0.03m ³ /min, 0.7MPa
Vacuum Pump	40 m ³ /h
Machine Dimension(L*W*H)	1130 mm*700 mm*1600 mm
Packing Size	1650 mm*720 mm*1800 mm