

Semi-Automatic Capsule Filling Machine

JTJ-V Pro+



The JTJ-V Pro+ is designed for small to medium batch production. It fills powder or tiny granules into different types of capsules. The equipment handles capsule sizes from 00# to 4# and fills up to 42,000 capsules per hour. It features PLC control, variable speed motors, and an easy-to-clean design. This capsule filler suits pharmaceutical, health supplement, and lab-scale production.

Features

- ✓ **Flexible capsule handling system.** Three-stage capsule processing is involved, including loading, orienting, and separation. The machine uses a vacuum suction to ensure accurate capsule body-cap separation. In addition, the automatic stop function is activated once the mold plate is full.
- ✓ **Precise filling mechanism.** This semi-automatic capsule filler is equipped with a screw-driven hopper for precise powder dosing. The filling speed could be adjusted for the turntable and hopper motor.
- ✓ **Smart control system.** The machine is controlled via Siemens PLC and touchscreen. It also features a servo motor and three frequency converters for operation.
- ✓ **Flexible power configuration.** It is available in single or three-phase with multiple voltage options, equipped with ground protection and safe circuit control



Technical Parameters

Model	JTJ-V Pro+
Control Panel	Siemens
Capsule Size	000#, 00L#, 00#, 0L#, 0#, 1#, 2#, 3#, 4#
Capacity	30,000 to 50,000 per hour
Electrical Supply	AC-3P 110V/220V 50Hz/60Hz
Vacuum Pump	40 m ³ /h
Compressed Air	0.03m ³ /min, 0.7MPa
Overall Dimensions	Length: 1,140mm
	Width: 700mm
	Height: 1,630mm
	Weight: 380kg