

SED-3800JD-B Highly Output Powder Capsule Filling Machine



SED-3800JD-B Automatic Capsule Filling Machine is commonly used in the pharmaceutical, nutraceutical industries to fill empty hard gelatin capsule of various sizes with powders and pellets (optional). The capsule filler automatically orientates, opens the empty hard gelatin capsule, properly fills the capsule with powder, and automatically closes the capsules.

Characteristic

- **Efficient Feeding:** Disc-valve feeding system with vibration, addressing poor powder flow while ensuring easy cleaning and maintenance.
- **Precision Dosing & Turret:** Rail-driven dosing frame with integrated turret for high accuracy, stability, and dust-free operation.
- **Continuous Filling:** Modular vacuum filling base supports continuous production and powder recovery, minimizing waste.
- **Dust-Free Capsule Handling:** Capsule release mechanism with advanced suction seat ensures efficient and dust-free capsule separation.
- **High-Speed Silent Transmission:** Cam-driven system delivers precise, high-speed, and quiet operation.
- **Safe Powder Recovery:** Integrated powder collection system prevents cross-contamination and allows safe reuse of spilled powder.
- **Overall Advantage:** Efficient, hygienic, and reliable—designed for long-term continuous production.

Technical Parameters

Model	SED-3800JD-B
Machine Weight	2200kg
Overall Dimension	1395×1180×2260mm
Total Power	10.5kw
Power Supply	380/220V 50Hz
Capacity	228000 capsules/h
Application	00#-5# capsule
Number of holes	27 holes
Working Noise	≤78dBA
Capsule on Chance	Empty capsule ≥ 99.9% Full capsule ≥ 99.8%
Compressed Air	Air consumption 12m³/h Pressure 0.3~0.4MPa