



CGN-208H Double Head Semi Automatic Capsule Filling Machine



CGN-208 Semi Automatic Capsule Filling Machine Instead of manual filling, it reduces labor intensity, which is the ideal equipment for capsule filling for small and medium-sized pharmaceutical companies, pharmaceutical research and development institutions and hospital preparation room.

Introduction

- 1) The double-head semi-automatic capsule filling machine is our upgraded performance-enhancing machine to solve the insufficient production capacity of the existing semi-automatic capsule filling machine.
- 2) The whole machine adopts programmable control system, touch screen for operation, stepless frequency conversion for debugging, and pneumatic control.
- 3) The machine adopts double-head capsule inserting mechanism, the inserting speed is twice as fast as that of the single-head machine.
- 4) The linear track for capsule holding switch is more convenient and accurate to adjust the opening position of the capsule holding bracket. (Patented)
- 5) The double-head capsule inserting mechanism adopts independent support structure, improving the accurate positioning of the capsule inserting for higher capsule filling percentage. (Patented)
- 6) The front plate of the small capsule hopper can be opened for convenient cleaning. (Patented)
- 7) The large and small capsule hoppers features fast positioning, and can be quickly disassembled and assembled without special tools. (Patented)
- 8) The capsule inserting ring adopts linkage operation to avoid the drawbacks of continuous acceleration and deceleration, and can achieve high speed operation. (Patented)
- 9) The capsule inserting ring holder adopts a easy-pack structure, which can be more easily unpacked and stored. (Patented)

- 10) The whole filling station is supported by a short lever under the station, making the filling process more stable and accurate.
- 11) The new safety horizontal capsule locking device overcomes the disadvantages of the exposed cylinder and air pipeline of the old model, which is more safe and reliable. (Patented)
- 12) Powder sieving for finished capsule discharging mechanism can be overall disassembled and installed in half a minute, convenient for thorough cleaning without dead ends. (Patented)
- 13) The capsule ring self-rotation design for easy and smooth separation of capsules.
- 14) The machine frame and worktable are made of stainless steel, which is anti-corrosion and oxidation.

Technical Parameters

Item	Description
Production capacity	25000-40000 pcs/hour (depending on the capsule size)
Suitable capsule size	00L, 00#, 0L#, 0#, 1#, 2#, 3#, 4#
Filling material	Pellet, powder without moisture, granules
Total power consumption	4.0kw
Compressed air	0.03m ³ /min, 0.7Mpa
Vacuum pump	Pumping rate 63m ³ /h
Machine dimension	1.79×0.7×1.7 m (L*W*H)
Overall package dimension	1.95×0.85×1.75 m (L*W*H)
Air cargo package dimension	1.65×0.8×1.45 m (L*W*H)
Net weight	500 kg
Gross weight	550kg