

SED-1200J-C Automatic Capsule Filling Machine for Nutraceutical Industries



SED-1200J-C 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.

Features

1. The internal design of the mold turntable is improved, and the original Japanese linear bearing is used to ensure the accuracy and service life of the equipment.
2. The design of underslung cam and pressure atomizing oil pump reduces wear and prolong the service life of parts.
3. The column and the chassis are integrated, so that the filling seat is not easy to shift, and the feeding is more stable and accurate.
4. Based on the lower plane of the dosage plate, three-dimensional adjustment and uniform gap, the filling accuracy can be effectively ensured, and it is very convenient for cleaning.
5. Equipped with touch screen, when there is a lack of material or capsules or a failure in the material channel, it will automatically alarm, automatically stop, and display the real-time measurement of each capsule and the cumulative output.

Technical Parameters

Model	SED-1200J-C
Machine Weight	900kg
Overall Dimension	1020×860×1970mm
Motor Power	5.75KW
Power Supply	AC380V 50Hz 3P4W
Capacity	1200 capsules/min
Application	00#-5# capsule, safety capsule A-E
Qualified Rate	≥99.5%
Working Noise	≤75dBA
Filling Error	≤±3% (filling more than 300mg of 40-80 mesh granules)
Compressed Air	0.06m ³ /min 0.3Mpa
Water Source	Water ring vacuum pump with water tank or connected to external water source
Water Flow	250L/h
Diameter of Water Inlet	20mm
Diameter of Drain Pipe	27mm
Vacuum Degree	-0.02~-0.06 MPa
Working Environment	Temperature: 21℃±3℃ Relative Humidity: 40~55%
Working Height	Manual feeding≥2.6m Vacuum feeding≥2.8m
Exhaust Volume	300m ³ /h