

Automatic Capsule Filling Machine



Encapsulation is the filling of empty capsule with the desired drug. It is done using tamping principle. In this the powder formulation is formed into a slug, which is delivered to the body of capsules. This machine can fill hard gelatin capsules with powder, granules, and pellets.

Legend Automatic capsules filling machine automatically performs various operations in an enclosed operation, such as feeding capsules, opening capsules, filling drugs, rejecting unqualified products, closing capsules, outputting products, cleaning moods etc.

Salient features:

- ACF is fully automatic encapsulation machine. Encapsulation is the filling of empty capsule with the desired drug. It is done using tamping principle. In this the powder formulation is formed into a slug, which is delivered to the body of capsules. This machine can fill hard gelatin capsules with powder, granules, and pellets.
- The machine is designed to give varied output range of 6000, 25000, 40000, 90000 & 150000 capsules per hour with high filling accuracy & can accommodate capsule size from '0' to '5'.
- This machine is productivity enhancing machine, which is handled by one operator.
- Filled weight accuracy + 2%.
- PLC controlled machine.
- Quick & easy changeover with help of standard gauges provided with machine.
- Flow of powder and empty capsules is maintained through PLC.
- Individual air control for faulty & filled capsules.
- In compliance with cGMP.

TECHNICAL SPECIFICATION

Output	40,000 cap/hr
Electrical Specifications	Main Drive 1.5 hp, 380/440v, 3 ph, 50hz Powder Feeder 0.25hp, 380/440v, 3ph, 50hz
Compressed Air	200 litres / min (8 cfm) at 100 Psi
Vacuum	720 mm of hg. At 1000 litres / min
Dust Extractor	150 cfm, 3 hp