

GOLDEN LIN

Automatically Capsule Filling Machine GL-168



Characteristics:

The working of layout

A. The empty capsule storage hopper :

1. Empty capsule loading
2. Capsule separating
3. Upward and backward movement of cap segment
4. Powder filling
5. Granule or tablet
6. Ejection of faulty capsules
7. Forward and downward movement of cap segment
8. Capsule closing
9. Ejection of capsules
10. Air purge/vacuum cleaning

B. The powder storage hopper

The accuracy tamping process

To achieve a high content uniformity of the filled capsules, the following powder tamping process is adopted. Powder is auger-fed from a storage hopper to the filling chamber, which completely surround a filling disc is performed intermittently at five successive stations. Each tamp will gradually increase powder height in the holes. At the 6th station, the tamp rod pushed powder into the capsule body. With the powder height in the filling chamber level-controlled and the tamping depth externally adjustable at each individual tamping station the fill accuracy is guaranteed at the highest possible level

C. Size change parts

It required changing the dosing disc, tamping pins, capsule feeder, orientation parts and capsule segments disassembly and reassembly is very easy

Benefit

1. Transparent gate for easy empty the capsule hopper
2. Movable touch screen with PLC control
3. Easy screw shaft adjustment for different size capsule perfect joint
4. Air purge nozzles insert into the mold with vacuum suction for dedusting
5. Auto-Tension adjustment of driven chain among the main motor and the indexes
6. Movable caster design for flexible product line layout
7. One piece rigid capsule hopper
8. Auto solenoid valve control capsule reject instead of conventional manual cock valve
9. Dust-proof ventilation filter
10. Above-mentioned multi-national patents

Specifications:

Technical data

- Output capsules/hour : Max.40,000 pcs
- Standard capsule size : #00-0-1-2-3-4
- Power consumption : 3 HP
- Dimension : W764*D1244*H2260mm(approx)
- Net weight : 900kgs(approx)