

Z180

Capsule Filling Machine



General Description:

- Output up to 180,000 capsules/h.
- Adopt double-row dosator structure(patented).
- Industrial PC Operating system.
- Automatic lubrication system.
- Filling process without powder spill and leakage phenomenon.

Patented Design:

The entire capsule filling cycle entails a unilateral vertical movement so that to ensure the accuracy dosing patented design. The starting position of the piston inside the dosator can be adjusted separately.

Machine Characteristics:

- Size changeover only need 30minutes, each size change parts are with location device, no need adjustment;
- Overall dosing adjustment can be realized through rotating one scale;
- Dosators can be adjusted separately;
- Humanized design, only dosing unit need to be disassembled, compression head no need to change;
- Only one rotation bowl need for powder and pellets, suitable for all size change part;
- Adopt dosing with dosators, only with up and down vertical movement to ensure the dosing accuracy;
- Pellets dosing adopt vacuum suction compressed air blow principle to guarantee the integrity of the pellets coating;
- Automatic lubrication system;
- No powder leakage and throw phenomenon, saving powder, clean working platform.
- Aspirating bowl(patented) is available, not only for normal powder but specially for sticky powder.
- Hardly compactable powders(light or aerated powders)allowing a constant product bed density and a lower weight standard deviation through vacuum suction principle.



Technical Specifications	Z180
Maximum output(capsules/H)	180,000
Number of capsules per cycle	30
Capsule sizes	00L-5
Maximum installed power(Kw)	14
Standard voltage	230-400V 50-60Hz
Aspiration	5,100 L/MIN 3,200mm H ₂ O
Compressed air(l/min)	100-6bar
Vacuum	100-20mbar
Weight(Kg)	2,300
Closed size(L*W*H mm)	1400*1396*1900
Opened size(L*W*H mm)	3120*3120*1900