

High Filling Accuracy Automatic Capsule Filling Machine NJP-1200D



NJP-1200D automatic capsule filler processes the products for optimal productivity up to 1200 capsules per minutes, featuring low-maintenance operation, minimal downtime, and overall dependable production.

Powder dosing uses the 5 stage tamping technology for an enhanced accuracy. Filling of pellets is available.

Capsules from the bunker are fed into the orienting device along the vertical guide.

Then they are transferred into special cells on the rotor. Here the capsule is separated, after what the bottom part comes to the filling position.

After filling the bottom part with the material, on next positions the non-separated capsules are rejected, and the filled bottom parts are joined with top parts, counted and taken away into the receiving box.

The equipment design is fully in line with the requirements of CGMP and FDA specification.

Working Principle

- NJP-1200D can be used to encapsulate powder, granules and pellets in pre- determined dosages.
- The machine can be divided into upper and lower components. The lower components are mechanical and electrical components that drives the capsule filling process which consists of parts like motor, vacuum pump, drive belts, safety clutch, air compressor etc.

- The filling of the capsules is carried out in the upper segment of the machine consisting of components like capsule hopper, powder hopper, 10 stations on a rotary plate, filling station assembly and other components as part of filling process. Upper and lower segments of the automatic capsule filling machine can be labeled as below.

Specifications

Machine model	NJP-1200D	NJP-3000D
Max capacity	72000capsules /hour	165000capsules /hour
Suit for capsule size	00#-5# and safety capsule	00#-5# and safety capsule
No.of mould bores	9	21
Power	380 / 220V 50 / 60Hz 7kw	380 / 220V 50 / 60Hz 11kw
Noise	<70dB	<70dB
Machine dimensions	980x980x2100mm	1610x1210x2180mm
Net weight	1000KG	2200KG