

## *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.

### **Features**

- The split-type design of the capsule loading mechanism and the patented fully-enclosed structure prevent the capsules from improperly falling into the capsule transmission room and ensure the capsules to perform smoothly.
- The patented powder filling mechanism includes several patented techniques like the irregular multi-surface powder keeper, the lateral angled feeder, etc., which makes the powder evenly distribute within the powder storage room, correctly and smoothly flow into the capsules, and achieves an extremely precise capsule filling process.
- The patented modular punch as well as the bi-nodal feed hopper is of simple dismounting and with accurate positioning.

- The patented integrated rotary table with ultra-precision has features like small size, light load, long service life, three years free of oil and maintenance and so on.
- The whole set of the molds and all the parts that need daily cleaning and maintenance are equipped with locating pins, and the connection as well as fastening among different parts is extremely simple. As the fastening tool is standardized in size, a small spanner can easily dismount all the parts.
- All the connectors of the air pipes apply standardized clamps, which are much easier to dismantle and clean than others.

## Specifications

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
Machine dimensions	980x980x2100mm	1610x1210x2180mm
Net weight	1000KG	2200KG
Power	380 / 220V 50 / 60Hz 7kw	380 / 220V 50 / 60Hz 11kw
Noise	<70dB	<70dB