

NJP-2500C Fully Automatic Hard Capsule Filling Machine



It is an intermittent full automatic capsule filling machine with multiple tamping stations, precise design and stable performance.

Following processes are completed: capsule feeding, capsule separating, powder filling, defective capsule rejecting, capsule closing, finished capsule discharging automatically.

It adopts closed rotary table with ten stations. There are 21 holes in 1 row crossing on the module.

Function of machine reaches international advanced standard, which also meets the requirement of GMP, CE and FDA standard. It's absolutely the most ideal machine for producing capsule products.

Performance

- 1) Output: 2500 pcs/min
- 2) Change speed by transducer, PLC control(C type)
- 3) Easy to operate and install
- 4) Function for filling powder, pellet, granule, pellet and pill into capsule.
- 5) Automatic detection and diagnosis of lack of material, capsule and mechanical trouble, make alarm and stop automatically.
- 6) Displaying in-time speed and accumulative output.
- 7) Available for electronic signature and recording, and Industrial Ethernet.

Machine Advantage

1. Closed turret and dosing station, preventing powder come into the turret. Easy to operate, clean and change over the mould.

2. New turret design, adopt 90 linear bearings from Japan, to guarantee machine precision and use life
3. Adopt bigger cam & dosing disk design, enhance the stability of the machine and extend the use life of the machine
4. Equipped with oil pump for supply lubricate oil to the cam channel, reduce abrasion and extend use life of the parts
5. Automatic capsule switch, controlled by touch screen via PLC
6. Touch screen with used-friendly graphic operator panel.

Technical Parameter

Control System	CV & VVVF, PLC Control
Overall Dimensions	1000*1050*1950mm
Weight(KG)	1500kg
Power(KW)	6.45kw
Power Supply	AC 380V;50Hz
Productivity	2,500pcs/min
Sizes of Capsules	00#~5# & A~E
Filling Percentage	≥99.5%
Noisy	≤75dBA
Dosing Precision	300mg±3%
Compressed Air	0.06m ³ /min 0.3Mpa
Water Supply	Water-sealing Vacuum: with water tank
	Or with water supply
Vacuum	-0.02~-0.06 MPa Q10
Dust Collector	250L/h
Inner Diameter of Inlet Pipe	20mm
Inner Diameter of Outlet Pipe	27mm
Working Temperature	21°C±3°C
Workshop Height	Manual Feeder:≥2.6m
	Automatic Feeder:≥2.8m
Workshop Humidity	40~55%
Discharge	300m ³ /h
Special Function	Can add pellet filling device; powder collector function
Machine Material	304 and 316L Stainless Steel