

## *NJP 400 Automatic Capsule Filling Machine*



NJP 400 full-automatic capsule filling machine fills powder, particles and tablet materials into empty capsules. The device conducts filling through stopples, batches and frequency control.

### **Features and innovations**

1. Small in size, light in weight, energy savings, easy to operate and clean.
2. Opening and locking of capsule can be controlled automatically which is safe and convenient.
3. Equipped with inching control system, which makes it easy and convenient for cleaning, loading and unloading of upper and lower dies.
4. Equipped with gate control security system and mechanical failure security system, which provides functions of automatic alarm and shutdown.
5. Automatic alarm and shutdown will be activated when lacks empty capsule or powder.
6. Rich functions designed on the HMI, including counting and displaying functions during the production, and it is able to link with printer, if needed, for printing information including date of production, lot number, quantity, etc.
7. The plane cams are running in the mode of double rails, where the two axes run out separately. It can improve the operation accuracy and meanwhile eliminate the possibility of collision between the lower die and the dosage disc.
8. The high precision cam splitter uses optical dividing head of German Zeiss. The dividing spindle is machined in the CNC all at once, which has ensured accuracy dividing of the turntable and dosage disc while the machine runs fast, thus ensuring the precision of filling. Higher precision of cam splitter also provides the machine longer service life.
9. The operating cams are all processed with 20crmoti carburizing and quenching treatment, and then machined in CNC grinding machine all at once, which has ensured the accuracy and unity of the cams and provided a longer service life.
10. It is compliant to the right quality standards such as CE and cGMP.

**Specification:**

<b>Model</b>	<b>NJP-400C</b>
Filling capacity	24000pcs per hour
Weight	600Kg
Dimension	706×806×1877mm
Power supply	380/220V 50Hz
Total power	3KW
Segment bores	3 holes
Vacuum	20m <sup>3</sup> /h-0.04-0.08Mpa
Dust collector	17.6Kpa 180m <sup>3</sup> /h
Air compression	Air consumption 4m <sup>3</sup> /h Pressure 5-7Kg
Filling percentage	Empty capsule 99.9% filled capsule 99.8%
Capsule size	00,0,1,2,3,4,5#
Filling accuracy	Western medicine ±3% Chinese medicine ±4%
Filling contents	Powder, Granule, Pellet