

NJP-1200 Automatic Capsule Filling Machine



The machine, a automatic hard capsule filling equipment, operates intermittently and fills capsules with a metering plate of holes. The machine after optimization, considering features of traditional Chinese medicine and requirements of GMP, acquires features of compact structure, small model, low noise, accurate filling volume, complete functions and stable operation. It can also poke, separate, fill and lock capsules, clean wastes, output end products, and clean modules at the same time. For these reasons, this hard capsule filling machine is the ideal equipment for producers of drug, health care products, etc.

Main Features:

1. It has been improved the inner design turret, and imports beeline bearings for each machine from Japan directly, so that it can be sure to get a longer usage-life and precision of machine.
2. The working station cam runs under the good lubricating condition, and maintains the inner lubrication of cam slot to a full extent, increasing the pressure pulverization oil pump, thus extends the operation life of the spare parts.
3. It is controlled by the computer, has a step less timing with the frequency-conversion, the numeral showing makes an easy operation and clear appearance.
4. The multi-bore dosing brings a precision dosage (it is controlled around $\pm 3.5\%$); The capsule qualified rate is higher than 99%. It can be filled with the Chinese traditional medicine and the Western medicine.
5. It has a protector equipment for the operator and the machine. It has automatic pause equipment when it is lack of the material. It has a steady and safe working, therefore it is the best choice for the hard capsule factories.
6. Additional function of blowing and suction of mould, which ensures the clean and no dust in the holes.

Technical parameters

Machine weight	900kg
Overall dimension	870 × 1020 × (1980+150) mm
Motor power	2.57kw + 2.2kw (Dust Collector)
Power supply	3 phase, AC 380V, 50Hz
Max. Output	72000 capsules/h
Capsule size	000#~5# and safety capsule A~E
Capsule using rate	≥ 99.5%
Noise index	≤ 75dBA
Dosage difference	≤ ±3% (under more than 300mg dosing and 40~80 mesh after granulation)
Water supply	Water cycle pump compound water tank, or meet water source
Vacuum degree	-0.02~-0.06 MPa
Water volume	250L/hour
Enter pipe inner-diameter	20mm
Waterspout inner-diameter	27mm
Working temperature	21°C ± 3°C
Working relative humidity	40~55%
Exhaust capacity	210m3/h
Special function	Granule and powder mixed filing; Powder collector
Control system	Stepless frequency conversion control, PLC control, with touch screen
Material	Spare part contact with medicine adopt superior S.S 304 & GMP compliable material
Criterion	Comply to GMP CE completely