

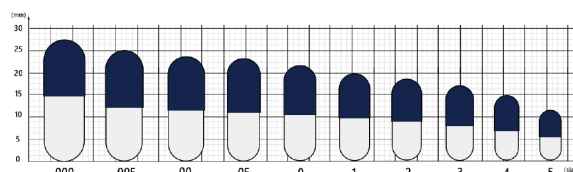


NJP7200 »

Automatic Capsule Filling Machine

KEY FEATURES

- The machine features a newly designed, fully enclosed rotary table and an upgraded mold cleaning mechanism. It uses 12 sequential workstations, providing smoother operation with less vibration and wear than traditional 12-station turntables. The main drive bearing housing is detachable for easier installation and maintenance.
- The newly developed dual-row capsule feeding structure significantly reduces the space required on the worktable. Compared to traditional designs, it is easier to use and more precise, creating a more spacious work area and allowing easier disassembly. This results in a higher capsule loading success rate.
- All lower modules move in one direction with smooth linear motion driven by double-sided cams, ensuring stable operation with low maintenance costs and fully preventing capsule contamination. The slide shafts of the lower modules feature a dual-shaft sealed design, enabling faster and more precise mold replacement.
- The filling rod support is made of copper to maintain a consistent powder level in the powder rings. Consistent powder levels from stations 1 to 5 ensure stable, reliable, and highly accurate filling.
- Compression ejection pins use a concave-arc design to effectively reduce capsule dents during locking. The newly designed capsule ejection structure ensures smooth, unobstructed capsule discharge while keeping the capsule shells perfectly intact.



#000-#5 Capsule Diagram

NJP7200			
Productivity	336,000 capsules/h	Vacuum degree	-0.02 ~ -0.06 MPa
Motor power	10.37Kw	Water supply	500L/H 0.2-0.10 Mpa
Power supply	Standard : 3P 380V 50Hz , Can be Customized	Enter pipe inner - diameter	20mm
Capsule size	00-5 and safety capsule A~E	Waterspout inner - diameter	27mm
Capsule using rate	≥ 99.5%	Working temperature	21℃ ± 3℃
Machine weight	2500 Kg	Working relative humidity	40-55%
Overall dimension	1500*1250*2050mm	Dust Collector	300m ³ /h
Noise index	≤ 75dBA	Special function	Granule and powder mixed filling; Powder collector
Dosage difference	≤ ±3% (under more than 300mg dosing and 40-80 mesh after granulation)	Control system	Stepless frequency conversion control, PLC touch screen
Compressed air	air consumption 0.06m ³ /min pressure 0.3Mpa	Material	All parts which contact medicine use superior 304 stainless steel and GMP-compliant material
Water supply	Water cycle pump with compound water tank, or can connect to your water source	Criterion	Meets all GMP requirements