



## *BNJP Automatic Capsule Filling Machine*



BNJP Fully Automatic Capsule Filling Machine is the newest designed equipment, which totally meet GMP, ISO, and USA FDA requirement. This machine is very nice, decent, and easy to operate, especially the electrical control cabinet is independent from machine, we can supply IQ OQ PQ document and CE certification.

This is a newly created full-automatic closed intermittent capsule filling machine with multiple tamping stations. It completes the following process: feeding capsule, detaching capsule, filling, ejecting defective capsule, closing capsule, discharging finished capsule automatically.

### **Machine features:**

This machine can be equipped with vacuum loader for capsules and powder, which reduces the employer cost, all the operation is conducted on the touch screen, which is a highly automation machine of water, electricity and pneumatic.

1. Accurate orientation, Capsule vacuum positioned mechanism to make the capsule upload percentage over 99%.
2. Freely adjusting dosage, easy speed selection and closed capsule length adjustment.
3. PLC program control panel with LCD .touch screen operation, and monitoring function.
4. Displaying in-time speed and accumulative output.
5. Auto-trouble shooting, lack of material, lack of capsule, block in material channel and other mechanical trouble with be show on HMI, Machine stop
6. Electrical Appliance control system approved to CE, and international standard.
7. Quick and accurate change part set-up, easy to remove rotary table and ring carrier assembly.
8. Fully enclosed dosing stations and rotating table for integration of the whole capsule filling plants.
9. Working station cam runs under the good lubricating condition, extends the operating life of change parts. All the Precious are made by USA HASS and DMG CNC machine.
10. Alarm list

- a. Alarm when doors and windows are opened
- b. Main motor inverter alarm
- c. Feeding motor overload alarm
- d. Lock of capsules alarm
- e. Lock of powder alarm
- f. Scram alarm
- g. Off phase and phase sequence alarm protection
- h. Vacuum overload alarm
- i. Dust collector overload alarm

**Technical Data:**

<b>Model</b>	<b>BNJP500</b>	<b>BNJP800</b>	<b>BNJP1200</b>	<b>BNJP1500</b>
Output (1 hour)	30000	48000	72000	90000
No. of die orifice	4	6	9	12(double line)
Filling percentage	≥ 99%	≥ 99%	≥ 99%	≥ 99%
Power (kw)	380V.50Hz	380V.50Hz	380V.50Hz	380V.50Hz
	3.5KW	3.5KW	3.5KW	7.5KW
Vacuum	27m3/h	27m3/h	52m3/h	27m3/h
	-0.02~-0.08Mpa	-0.02~-0.08Mpa	-0.02~-0.08Mpa	-0.02~-0.08Mpa
Machine dimensions	1350*1020*1850	1350*1020*1850	1350*1020*1850	1220*960*2000
Weight (kg)	850Kg	850Kg	850Kg	1400Kg