



NJP-6000C Automatic Hard Capsule Encapsulation Machine



NJP-6000C is a mass production equipment. The high precision fully automatic capsule Filling Machine is used to fill powder or granules in the form of slug in hard gelatin capsules. It is working with high speed, a high performance that incorporates latest international design and is built with precision using most appropriate material and up to date manufacturing systems. Different models are available for various output requirements. It is designed to cater various formulations with option to fill powder, granules and pellets.

Its automatic filling demands very high accuracy besides high productivity, ease of operation and minimum maintenance. This machine has been specifically designed to meet all these requirements.

Features

1. Tamping Mechanism enables capsules to be filled with a weight variation of 2 %.
2. Faulty capsule and filled capsule ejection stations with individual air controls.
3. Quick changeover for a variety of capsule sizes with minimal follow-up adjustments and maintenance requirements.
4. Closed system protect your product from contaminants, and allow a dust-free production environment for better health and easier cleaning
5. Adjustable gap between dosing disk and tamping plate ensures minimum spillage of powder.
6. PLC & Touch screen control system.
7. All contact parts are made of corrosion resistant stainless steel 316.
8. Automatic vacuum removal of the air in the dosing tube to give more accurate weight of the filled capsules.
9. Add the extra function of capsule control switch. Control the capsule outside of the machine that makes more safe

10. Click-moving control system, easy operation and clearness.

11. Safety System

Machine stops automatically in the event of following problems through safety interlock system.

- No capsules
- No powder/no granules
- Door open

Technical Parameters

Model	NJP-6000C
Max.Capacity	360000 capsules/hr
No. of segment bores	43
Machine weight	3000kg
Machine Dimension	1500*1250*2200mm
Power supply	380V, 50/60 HZ (For customer to designate)
Total power	11kw
Vacuum	-0.02~0.06Mpa
Compressed air	1pressure 0.3-0.4Mpa air consumption 0.2m ³ /min
Noise	< 80DB (A)
Filling percentage	Empty capsule 99.9%
	Full capsule over 99.5%
Capsule size	00#-5#
Filling	± 3%-± 4%
Suitable for filling	powder ,granule ,pellet , mini tablet