

NJP-2-400C Fully Automatic Capsule Filling Machine



Auto Capsule Filling Machine is used to fill powder in the form of slug in hard gelatin capsules.

These are high speed, a high performance machine 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,

Granule 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.

The machine guarantees maximum quality in terms of filled accuracy and product safety at a very economical price. NJP-2 series automatic capsule filling machine is a result of many years of experience in the field of capsule filling.

Functional sequence

1. Empty capsule loading and separation
2. Empty capsule loading and separation
3. Lower Module segment move down and outward
4. Powder or pellet filling
5. Reserve station
6. Removal of un-separated capsule
7. Lower module segment move back
8. Capsule locking
9. Discharge of filled capsule
10. Module segment cleaning

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. Unit goes with touch panel, control by PLC.
7. All contact parts of medical powders are made from a 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.

Technical Parameters

Model	NJP-400C
Capacity	24 000 capsules/hr
No. of segment bores	3
Weight	700kg
Dimension	805*705*1760mm
Total Power	3kw
Power supply	220/380V, 3 PHASE, 50/60 HZ (For customer to designate)
Motor power	Motor1.1kw vacuum1.1kw dust1.1kw
Vacuum	20m 3 /h-0.04-0.08Mpa
Dust	17.6Kpa 180m ³ /h
Noise	< 80DB (A)
Filling rate	Empty capsule 99.9%
	Full capsule over 99.5%
Capsule size	00#-5#
Filling variation	± 2.5%-± 3%