

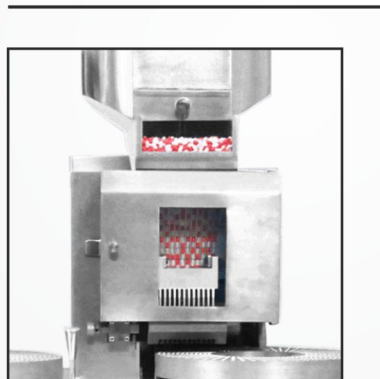
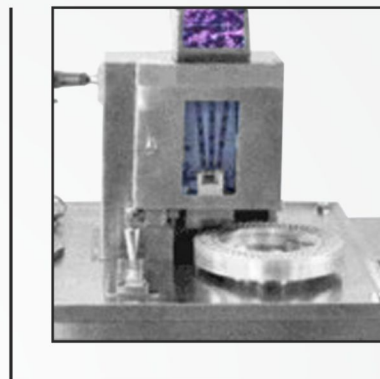
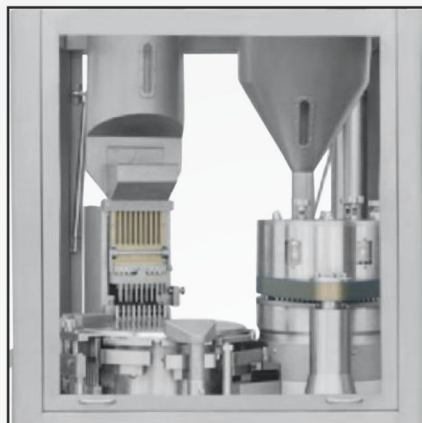


Pharmachine  
INDIA

CAPSULE FILLING



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CAPSULE FILLING  
MACHINES



## SEMI AUTO - CAPSULE FILLING MACHINE

Pharmachine's semi-automatic capsule filling machines have an unrivaled design and are available in various speed capacities upto 35,000 capsules per hour which makes it one of the fastest semi-automatic capsule filling machine available today. The design innovation encompasses the latest technology, components that ensure cleanliness and product integrity and can be incorporated with human safety features which help to streamline the production process.

The capsule filling machines are capable of handling capsules from size '00' - size '5' with fill possibilities for powders as well as pellets.



### SALIENT FEATURES

- cGMP compliant
- Available in low output R&D models and high output production models
- Large volume capsule hopper
- Loading Ring M.O.C. light weight Magnesium Alloy
- Speed control of filling table and auger through VFD
- All contact parts complies with the most stringent FDA nomenclatures
- Machine free of pinch points ensuring human safety
- All operations synchronised through a PLC with touch screen HMI which can store upto 50 product recipes



## AUTO - CAPSULE FILLING MACHINE

Pharmachine has designed fully automated capsule filling machines for powder, pellets, granules and tablets separately or in combinations such as powder + pellets, pellets + pellets, powder + tablets, pellets + powder + pellets etc. in hard gelatin capsules. The machines are categorised based on their speeds and are available in capacities ranging from 40,000 capsules per hour upto 150,000 capsules per hour.

The powder dosing is achieved using the tamping pin principle wherein the powder is delivered to the capsule body in the form of a slug. The entire process of capsule filling is simplified ensuring automatic capsule alignment, separation, filling & closing, automatic rejection & ejection of unseparated capsules etc. The machine is designed for high filling accuracies and can fill the entire range of hard gelatin capsule sizes from 00 to 4.

The machine control is by means of a programmable logic controller with touch enabled human interface with a very user friendly operable front end.





## SALIENT FEATURES

- cGMP compliant design and construction
- Accurate capsule separation without damaging capsule with wide range of different capsules
- Automatic ejection system for non-separated/improperly inserted capsule caps
- High accurate dosing
- Quick fill weight adjustments and high precision dosing tools ensure optimum machine efficiency
- Easy and simplified size changeovers and low cleaning times

## SEMI AUTO - CAPSULE FILLING MACHINE (R&D MODEL)

SAPI - 12 is semi-automatic capsule filling machine in our range with an output of 12,000 capsules per hour and suitable for filling capsule of # 00, 0, 1, 2, 3, 4 & 5 with Powder, Pellets & Granules. It is comparable to the best for R&D, Colleges & production for small batches because of its outstanding features. Its advanced design meets the cGMP.



SAPI - 12

## SALIENT FEATURES

- Loader gets disengaged automatically after one complete rotation of loading ring.
- PLC controlled digital display of all operations.
- Auger & filling speed through VFD – variable frequency drive to fill different type of powders & pellets.
- Modified design of drug hopper reduces time for dismantling and unloading of powder.
- Auto-drug hopper in-feed mechanism reduces weight variations & improves productivity
- Machine is supplied with any one size capsule change parts, 03 nos. extra Augers, Pellets Filling attachment & FRL.
- Easily It can operate by one operator
- Very compact in size

## TECHNICAL SPECIFICATIONS

Particular	API-40	API-25	SAPI-35	SAPI-25	SAPI-12
*Output/hour	40,000 capsules	25,000 capsules	35,000 capsules	25,000 capsules	12,000 capsules
Power Supply 3 Phase, 415V, 50Hz	3 Phase 1 Neutral 1 Earthing	3 Phase 1 Neutral 1 Earthing	3 Phase 1 Neutral 1 Earthing	3 Phase 1 Neutral 1 Earthing	3 Phase 1 Neutral 1 Earthing
Connected Load (HP/Kw)	6/4	6/4	8.25/6.25	8.25/6.25	2.75/2
Compressed Air	4 CFM	4 CFM	8 CFM	8 CFM	4 CFM
Machine Dimensions (mm) [LxWxH]	950 x 850 x 1930	950 x 850 x 1930	2000 x 1200 x 1600	1800 x 1100 x 1700	1200 x 950 x 1550
Floor Dimensions (mm)	3000 x 3000 x 2300	3000 x 3000 x 2300	3500 x 2700 x 2000	3300 x 2600 x 2100	2700 x 2400 x 2000
Net Weight Approx. (Kgs.)	800	800	1100	900	400



## MANUAL CAPSULE FILLING MACHINE

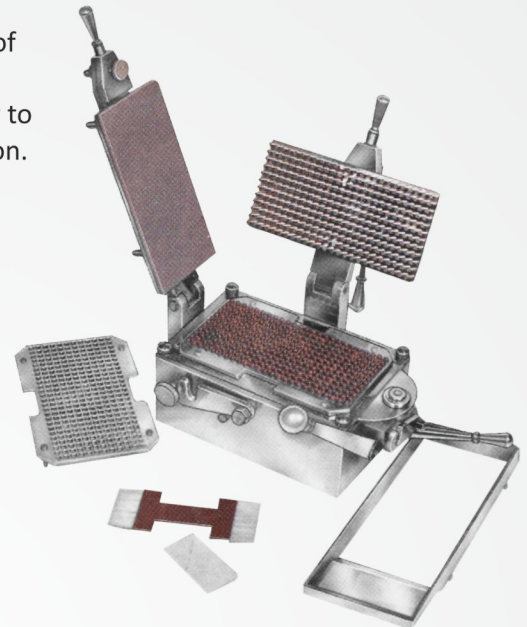
Manually operated capsule filling machine is designed to serve the need of R&D purpose, small batches, trail run for large scale as well as regular production in small scale pharmaceutical companies. The machine is easy to operate, gives production with minimum rejection and no weight variation. It is capable to fill powders, pellets in all sizes of Hard Gelatin capsules.

### SPECIFICATIONS

Output : 6500 to 7000 capsules/hr.  
 Length :405mm  
 Width :300mm  
 Height :455mm  
 Weight :40.0Kgs

### MODELS

**300SS** - Complete body & all parts made of S.S 304 quality material.  
**300STD** - Body made of mild steel material with hard chrome plating and all contact parts made of S.S.304 quality material.  
 The machine is common for size 00/0/1/2 & size 3/4/5.  
 The machine is supplied with anyone size of capsule change parts.



## AUTO CAPSULE LOADING MACHINE

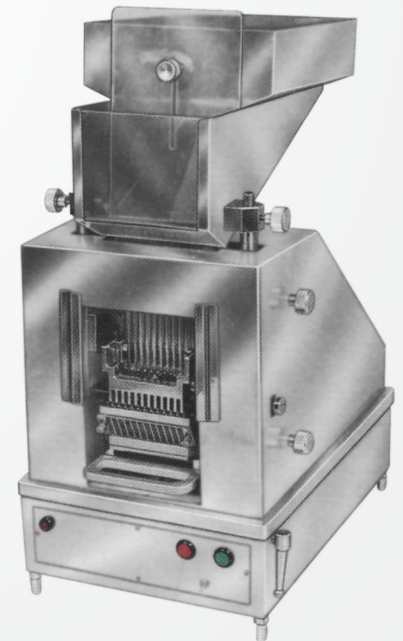
Automatic capsule loader is used in combination with manually operated capsule filling machine. Capsules are loaded in loading tray in cap up-body down position automatically. (Instead of filling loading tray manually in filling machine)  
 Designed to serve the need of medium and large scale pharmaceutical companies. It is easy to operate & maintenance free.

### SPECIFICATIONS

Output : 90 trays/hr. (Approx)  
 Length : 630mm  
 Width : 430mm  
 Height : 780mm  
 Weight : 75 Kgs.  
 Electricals : 0.2hp,3ph  
 Motor : 1400 rpm.

### CHANGE PARTS

The machine comes with any one size of capsule change parts. Extra change parts for other sizes can be applied as per the requirement.



\*specifications subject to change without notice