

Semi Automatic Capsule Filling Machine DTS-SCF



The semi automatic capsule filling machine is fabricated with precision for combating the manufacturing needs of the modern pharmaceutical procedures. The machine gives a high degree of automation along with large levels of filling the weight accuracy. The capsule filler is used to fill capsule of all size with powder and pellets as well. The overall output of the semi automatic machine ranges from 25 000 to 30 000 capsules per hour. The machine is equipped with several functional and mechanical features with overall filling accuracy. Compatible with PLC, it comes with a single or double loader. Configured with manual panel, it is a closed system.

Salient Features

- The automatic de-clutching of the semi-automatic capsule filler while loading is full and it minimizes capsule closing system
- Comes with a variable speed of filling table that provides flexibility
- Auto drug hoppers infused in the capsule filling machine minimizes the weight variation and also increase the overall productivity
- An easy and simple structure that is easy to maintain
- Outer part of the machine is configured with stainless steel
- Appropriate for filling capsules of all sizes
- Minimizes operator attention and also ensures maximum production
- Quality and precision based manufacturing requirements met easily
- PLC and digital controlled panel in combination with capsule loader closing system
- Compact in size and occupies less space with maximum output and minimum input
- Easy operation and maintenance
- No setting system for any kind of change part
- Easy to operate manually
- Cuts down the time needed for loading purposes
- Special purpose gauges available for rapid and easy changeover

- Adjustable gap between dosing disk and tamping plate
- Tamping mechanism with a weight variation of nearly $\pm 2\%$
- No noise and public harm
- Flexible cleaning possible with the capsule filler
- Hydraulic join system for increase in join power

Technical specifications:

Here are the technical specifications for the product:

MODEL	DTS- SCF
Production Output	Up to 35000 capsules/hour
M.O.C of Loading Ring	Aluminum
Number of Rings	2 rings
Number of Holes	size 1&2 540 holes
	size 0 480 holes
	size 00 360 holes
	Size 3,4,5 600 holes
Contact Parts	S.S 316
Loader Drive	1HP 440 volts, 3 phase, 50 Hz
Filler Drive	1HP
Vacuum Pump	3HP oil type
Vacuum	25 inch suction capacity
Compressed Air	240 ltrs 170 psi
Dimension	1650mm (L) x 1350mm (W) x1600mm (H)
Net weight	850 Kgs. Approx.