

Semi Automatic Capsule Filling Machine



Ideal for filling Capsules,



DUMRA semi automatic capsule filling machines are user friendly and are available in two models - Single Head and Double Head with advanced features. They are designed for precision manufacturing requirements of latest pharmaceutical procedures and also ensure cleanliness and product integrity. The machine provides a high degree of automation with higher levels of filling weight accuracy. These machines are suitable for filling capsule of all size with powder, pellets and granules.

Salient Features:

- cGMP model.
- Capsule holding dish MOC aluminum or light weight Magnesium Alloy
- Large volume capsule hopper
- Automatic declutching of loader when loading ring is full.
- Minimizes operator attention and ensures maximum production.
- Speed control of filling table and augur through VFD which reduce weight variation and improve productivity.
- Simple structure and low malfunction easy to maintain.

Technical Specification:

Model	Single Head Machine DSHM	Double Head Machine DDHM
Output capsule per/hour	20,000 to 30,000	30,000 to 50,000
Connected load Hp/kW	6.5 /4.9	6.5 /4.9
Vacuum	500 mm (20) of Hg at 1000 Ltrs. per min (30 cfm)	500 mm (20) of Hg at 1000 Ltrs. per min (30 cfm)
Compressed Air	200 Ltrs./min (8 cfm) at 100 psi	200 Ltrs./min (8 cfm) at 100 psi

Environment: Humidity and room temperature are very important parameters to ensure proper flow of capsules and product powder. Failure to control this parameter can result in the malfunction of the orientation system leading to jamming of the capsules.

Room Temperature : 20°C to 25°C

Relative Humidity: 40 to 50 % RH

Semi Automatic Capsule Filling Machine with online equipments.



- Semi-automatic capsule filling machine DSHM
- Air displacement unit ADU -200
- Polishing machine DCP-100
- Mini Capsule sorter DCS-100
- Unfilled Capsule Separator DUCS-100
- Capsule ready for blister packing (box)

Dumra MACHINES

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