

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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