

ENSULE™-1500

Automatic Capsule Filling Machine

HIGH SPEED - HIGH PERFORMANCE



SIMPLE

RELIABLE

EASY MAINTENANCE

FLEXIBLE

EFFICIENT

ECONOMICAL

Fully Automatic Capsule filling machine to fill powder in the form of slug in hard gelatin capsules. This machine is also capable of filling pellets and tablets for flexibility of combination such as powder+pellets+tablet. It is an extremely durable and reliable machine that fills dosages to the highest accuracy and is capable of filling capsules sizes from #0 to #4. It is also easy to clean and meets GMP standards.

POSITION WISE FUNCTIONAL SEQUENCE

1. Empty Capsule loading and separation
2. Empty Capsule loading and separation
3. Tablet Filling (optional)
4. Tamping style Powder Filling (standard)
5. Pellet or Tablet Filling (optional)
6. Ejection of un-separated capsule
7. Idle
8. Capsule closing
9. Discharge of filled capsules
10. Segment cleaning

FEATURES

- PLC & Touch Screen controlled machine
- Product handled: powder as standard. Pellet and tablet feeding devices optional
- Compact ,sturdy and meets cGMP standard
- Suitability for capsule size: 0, 1, 2, 3 and 4 - with size changeover
- Dosing System: Tamping (slug formation through progressive compression)
- Quick & easy fill weight adjustment
- Tamping System for powders ensures accurate and better fill weight
- Fill weight accuracy of $\pm 2\%$
- Powder sensor maintains constant level of powder in the dosing chamber
- Audio alert on capsules running low in hopper
- Variable speed AC drive for main motor ensures speed adjustment

FILLING POSSIBILITIES AND COMBINATIONS



TECHNICAL SPECIFICATIONS

Model	ENSULE – 750	ENSULE – 1500
Rated Output (powder)	45,000 per hour	90,000 per hour
Rated Output (pellets)	35,000 per hour	70,000 per hour
Electrical Connection	415 V, 3 Ph AC + N + Earth (other voltage on request)	
Power Consumption (inclusive of drive, vacuum pump & ADU)	6.5 kw	8 kw
Compressed Air Requirement	200 LPM @ 4bar pressure	
Overall Dimensions	850 x 1000 x 2200 (H)	1070 x 1200 x 2200 (H)
Net Weight	1000 kg	1400 kg

Details given in this brochure are for general information only. All output figures quoted are based on ideal inputs and operator skill. As attempts are constantly being made to improve the features, specifications and dimensions shown are subject to changes without notice

