



JiCON
For Productivity and Performance

Automatic Capsule Filling Machines



www.jicon.com



About us

Jicon was established in 1984 with the sole objective to cater to packaging and processing needs of Pharmaceutical Industries. Headquartered in Mumbai, Jicon is one of the leading manufacturers of various packaging and processing machines and equipments for the Pharma Industry.

With most of the skills inhouse and trusted vendors, Jicon over the period of time has been offering solutions that are innovative, technologically superior and cost effective with short delivery time

frame. Our team of skilled and experienced technicians help oversee and execute; erection, commissioning and servicing of the machines.

Jicon has delivered its solutions to more than 50 Countries including USA, UK, Kenya, Iran, Nigeria, Philippines, Iraq, Syria, Egypt, Bangladesh, South Africa, Latin America, Saudi Arabia, United Arab Emirates, Russia and many more.

Jicon... For Productivity and Performance!

Vision & Policy

Jicon's vision and policy is driven by their obsession of Quality and Technology at all levels of their operations and has been inspired by Satisfied Customers. We sincerely believe that Quality and

Technology can be achieved and acquired through fairness, honesty and integrity in our dealing with all stake holders-Customers, Suppliers and Workers.



Core Purpose

To bring prosperity to all stake holders, customers and communities, through performing and productive technology, driven by constant innovation.



Core Values

Everyday & in every action we live by and practice our 'Core Values'



Ethics & Integrity
in Every Dealing



Taking
Responsibility



Provide
Value



Customer
for Life



Open Minded, Observing,
Listening, Learning & Sharing

Jicon in Numbers

1984

The Year of
Establishment

38

Years of Experience
in Pharma Industry

1000+

Machines Installed
Globally

50+

Countries Importing our
Solutions Across the Globe

500+

Satisfied Customers
Globally

ENSULE

Automatic Capsule Filling Machines

Our ENSULE range of machines are fully automatic capsule filling machines to fill powders (in the form of slugs, pellets or mini tablets) in hard gelatin capsules. These are high speed, high performance machines that incorporate the latest international design and are built with precision using most appropriate materials and up-to-date

manufacturing systems. Different models are available for various output requirements.

It is an extremely durable and reliable machine that fills dosages to the highest accuracy and is capable of filling all sizes from #00 to #5 of capsules. It is also easy to clean and meets GMP standards.



Tamping Station



Turret

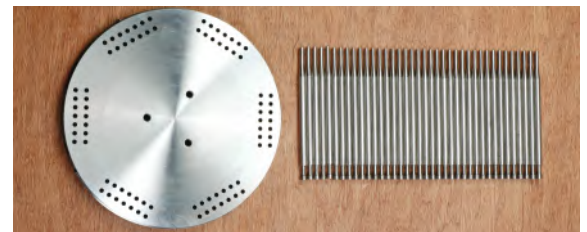
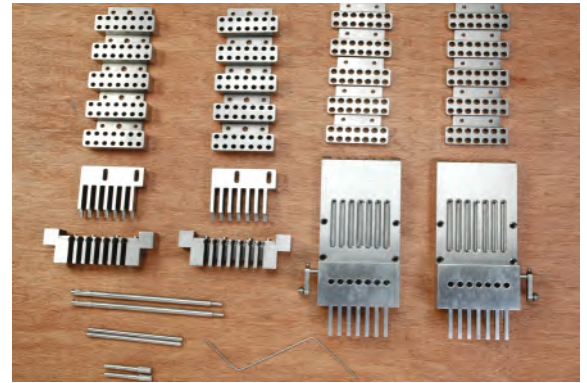


Loading Station





ENSULE - 2000



Change Parts

Features

- PLC & touch screen controlled machine
- **Product handled:** Powder as standard; pellet and tablet feeding devices optional
- **Dozing System:** Tamping (slug formation through progressive compression)
- Quick & easy fill weight adjustment
- Tamping System for powders ensures accurate fill weight accuracy of $\pm 2\%$
- Suitability for capsule size: 00, 0, 1, 2, 3, 4 & 5 with size changeover
- Powder sensor maintains constant level of powder in the dosing chamber
- Audio alert on capsules running low in hopper
- Line machines like empty capsule sorter and elevator, powder charging systems, filled capsule polisher and empty capsule rejection, metal detector, damaged capsule rejection etc. are available as per customer requirements.



High speed production



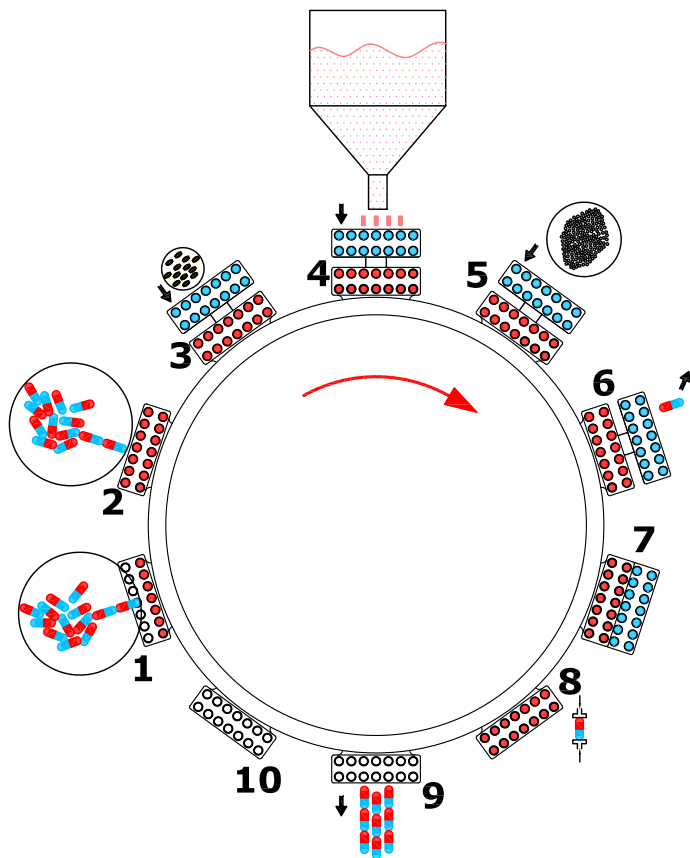
Compact, sturdy and meets GMP standards



Reliable trouble free 24 x 7 operation

Specifications

| Model | ENSULE - 400 | ENSULE - 750 | ENSULE - 1500 | ENSULE - 2000 |
|---------------------------------|--------------|--------------|---------------|---------------|
| Rated Output (powder) per hour | 25,000 | 45,000 | 90,000 | 120,000 |
| Rated Output (pellets) per hour | 20,000 | 35,000 | 70,000 | 95,000 |



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

Filling Possibilities & Combinations



Powder



Pellets



Pellets + Tablet
+ Powder



Tablet + Powder



Pellets + Powder



Pellets + Tablet



Essential and Optional Accessories, Line Equipment available with the ENSULE range of capsule filling machines:

- Vacuum pump
- Dust collector
- Capsule polisher
- Unfilled / Partially filled capsules sorter
- Filled damaged capsule sorter
- Empty capsule sorter and elevator for automatic empty capsules charging
- IPC lifting and positioning devices for automatic powder charging
- Metal detector

Dust Collector Unit

Dust collector unit or air displacement unit is used for removal of un-separated capsules and powder dust from the machine.



Capsule Polisher

Capsule polisher uses rotating brush principle to clean capsules on continuous basis. Capsules are fed into the polishing chamber from the in feed hopper, the spiral brush pushes the capsules towards the delivery chute against the force of gravity. During this process, the capsules undergo a rubbing action against the nylon bristles and surface power gets removed





Manufacturers of Pharmaceutical Packaging & Processing Machinery

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