

INNER SELF CONTROL SYSTEM FOR HUMIDITY & TEMPERATURE MACHINE

(MODEL : GENESYS NH-015)

The Inner self control system for humidity and temperature machine model Genesys NH-015, is a fully automatic machine for producing soft capsules. This machine is designed enclosing type machine with special enclosing type tumble dryer. Small air conditioner will be directly connected to main machine and tumble dryer for control humidity & temperature inside equipment for saving the cost. And air blower for transferring soft capsule to tumble dryer is built-in type for reducing the noise. It is provided production management and PLC control with a touch screen monitor.



* Expected Output

Classification of Die	Capsule Type	Cavities	Output (Hour)
Round #5	Gelatin (4.5RPM)	792	213,840 Capsules
Oval #10	Gelatin (4.5RPM)	495	133,650 Capsules

LIST	MODEL T-150V
Capsule Type	Round, Oval, Oblong, etc
Type of Soft Capsule	Gelatin / Vegetable (Option)
Die Roll Size	Ø150 x 290mm
Power Consumption	Approx. 14Kw
Air Pressure	6kg f/m ²
Control	Touch Screen / PLC
Dimensions / Weight (Approx.)	2,700(L) x 1,500(W) x 2,800(H) / 2,000kg
Electricity	380V, 3Phase, 50/60 HZ



1. Die Roll Housing

Soft capsule forming, filling, sealing and cutting combination

2. Feeding Device & Hopper

Indicator in the feeding section to adjust exact feeding volume with exact setting values

Each 12 piston nozzles on right & left side for exact feeding the filling material into the wedge

Hopper Heater : 300w x 2, double jacket, impeller included

3. Spreader Box

Air bladder for control the level in spreader box

4. Lubrication Rollers(6) & Guided Rollers(4)

Horizontal type rollers position, Oil volume is controlled by each FMI pump

5. Drum

Ribbon forming station, Filter system for preventing any dust on the cooling drum while air blowing,

Water cooling system, Stand-Alone type chiller

SPECIAL FEATURE

1. Easy to operate using touch screen control system.
2. It can be produced bovine capsule only. (For vegetable, optional item)
3. Precise control of lubrication oil volume by FMI pump
- 4, Quick and easy injection timing setting by timing gear