

## SERVO SOFT CAPSULE MACHINE (MODEL : F-150G)

The Servo machine model F-150G, is a fully automatic machine for producing soft capsules. It is driven by servo motors and supplied the solution for mass production with 6 RPM. Filling volume is controlled by servo motor and setting the volume on touch screen. And each die rolls are rotated and arranged (zero point) by servo motors. It is provided production management and PLC control with a touch screen monitor.



### \* Expected Output

| Classification of Die | Capsule Type     | Cavities | Output (Hour)    |
|-----------------------|------------------|----------|------------------|
| <b>Oblong #16</b>     | Vegetable (2RPM) | 216      | 25,920 Capsules  |
|                       | Gelatin (6RPM)   | 306      | 110,160 Capsules |

| LIST                                 | MODEL F-150G                             |
|--------------------------------------|--|
| <b>Capsule Type</b>                  | Round, Oval, Oblong, etc                 |
| <b>Type of Soft Capsule</b>          | Vegetable, Gelatin                       |
| <b>Die Roll Size</b>                 | Ø150 x 290mm                             |
| <b>Power Consumption</b>             | Approx. 15Kw                             |
| <b>Air Pressure</b>                  | 6kg f/m <sup>2</sup>                     |
| <b>Control</b>                       | Touch Screen / PLC                       |
| <b>Dimensions / Weight (Approx.)</b> | 3,000(L) x 1,350(W) x 2,000(H) / 2,300kg |
| <b>Electricity</b>                   | 380V, 3Phase, 50/60 HZ                   |



### **1. Die Roll Housing**

Soft capsule forming, filling, sealing and cutting combination

Automatic alignment & injection timing by servo (On touch screen)

### **2. Feeding Device & Hopper**

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

Feeding device is driven by servo for an exact adjustment of filling volume, setting on the touch screen

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

### **3. Spreader Box**

Automatic gelatin level sensor 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, Air Blower Filter, Water cooling system, Built-in Chiller

## **SPECIAL FEATURE**

1. Easy to operate using touch screen control system.
2. Precise control of material filling volume by servo
- 3, Automatic alignment & injection timing by servo
4. SAVE function for the each setting values for each product
5. It can be produced vegetable capsule and bovine capsule both.