

## *YWJ200-II Softgel Encapsulation Machine*



YWJ200-II fully automatic soft gel encapsulation machine is R&D as new generation of soft gelatin encapsulation machine. The machine is integrated the latest global encapsulation technology and our gelatin encapsulation experience. The new soft gel encapsulation manufacturing facility features leading technology, simple but beautiful appearance, and it is another excellent product by our company for soft gel capsule users around global.

### **Feature of the Machine**

1. Water-bath Injector, the temperature fluctuated in  $\pm 0.1^{\circ}\text{C}$ , save 14% gelatin; improve 1.5% rate of finished products; and save the maintained cost and time.
2. Computer control the plunger pump, improve the precision of medicine injection volume, and save more medicine and material cost.
3. The holes of the left and right main axis are processed with extreme accuracy on the boring machine imported from Switzerland. Though the mould roll has been extended in length, can be keep high coaxial degree that guarantees the smooth seam and finished product rate of the soft gel capsule.
4. Bigger cam drive plunger pump can provide stronger to plunger pump. That make the machine can inject widely high viscosity of raw material, such as Suspension, Propolis (Bee glue), Soft phospholipids, Liquid calcium and Herbal suspension.
5. Friendly human-computer interface, easy to operated. The simulated running of machine. The data can be set via touch screen, and easy to realizes network monitoring, statistics and reports output.
6. High quality and intelligence control system, PLC true color touch screen technology adopted by the electronic control system. All electric parts use world brand parts, such as Siemens, Schneider.

7. Professional PID temperature control technology is adopted on the machine; temperature of injector can be adjusted accurately. Improves ratio of finished products of soft gelatin capsule.
8. The touch screen provides professional “recipe” function that can save the production parameters and recall them by one key.
9. The micro-lubrication device, can be adjust lubrication volume in fine volume, save cost.
10. Pneumatic clamping system makes capsule filling process more simple and reliable.
11. Motor hoisting injector can be fine located position as requirement, and reduce the workload of operator.
12. Speed of each gelatin film drum and main axis can be adjusted respectively by respectively invertors; that is controlled by operator according to actually requirement.
13. The opening of gelatin box is controlled accurately, the gauge showed gelatin film thickness. Easy to control the thickness.
14. Automatic controlled water-cooling system is adopted for the cooling of gelatin film, which is more safety and more reliable.
15. Air-cooling system is adopted at the output of soft gel capsule, which make soft gel capsule more beautiful.
16. Insulation hopper, can keep medicine temperature steady, more suit to fill suspension into the soft gel capsules.

### Main Technical Parameters

Mould Size (mm)	Dia. 113 X W: 200
Max Cavities:	260 pills
Mould Revolution: (RPM)	0-5 Rpm (adjusted variable speed)
Volume of Plunger Pump	0-2 ml (adjustable continuously)
Pump Accuracy:	+/- 2%; +/-0.5% (filling volume not less than 500mg)
Pump Type	14 plunger pump
Production Capacity : (8# OV capsule)	62,400 pills/hrs (4.0 RPM)
Power Supply:	12 Kw, 360V 3 phases (can be modified as user's requirement.)
Weight:	1,300 Kgs
Machine Dimension: (LxWxH, mm)	2000x910x1900