

## *DLL-320 Automatic Strip Packaging Machine*



This machine is a new generation of high-tech products developed and designed by our scientific researchers. Each mechanism adopts an independent power unit, driven by a servo (synchronous motor) and controlled by PLC to realize the synchronization and stability of feeding, material control, hot press forming, temperature infrared detection, material cooling, defective product detection, indentation, coding, slitting, traction, roll cutting, reject, conveying and edge crushing. It is suitable for soft double aluminium packaging of tablets, capsules and pills in pharmaceutical and health products industries. The packaged strip is light-proof, moisture-proof, good sealing and high grade.

**This machine compares the mechanical features of the old packing machine, and innovating the design of all servo motor traction:**

1. Each mechanism adopt independent power unit, servo drive, PLC control, to ensure synchronism and steady at high speed running
2. Material controlling is different according to the shape of the material: Using ratchet mechanism or cam mechanism to control material, with servo drive, PLC control, can effective higher feeding speed to meet machine high speed running.
3. The diameter of heat pressing cam can be changed between 90-130mm, easy to change different specification.
4. Heating thermometric parts adopt infrared checking, PLC control, Effectively prevent the mold wheel from running at high temperature, resulting in the loss of the surface temperature of the mould wheel, resulting in the temperature drop of the heat seal, the unfirm adhesion and the virtual sticky phenomenon. Ensure the heat sealing effect of the plate. Ensure the finished product to be 100% qualified.
5. Product feeding adopt roll cutting feeding, servo drive, PLC control, can effective raise machine speed and ensure synchronism and steady.
6. Waste detection: automatic detection and sorting through high density detection device.
7. Waste material mechanism adopt roll cutting type, convenient for waste material recycle.

8. This machine suitable for AL/PL laminated foil packaging, also suitable for Paper/Foil or thin film/thin plastic film package.
9. This machine design novel, beautiful, the cover consist of armored glass and aluminum alloy frame to higher product level.
10. Can add Photocell Device, Photocell Device can make your product packaging more beautiful.
11. Can Additional Equip horizontal vibration screening (tablet dust, debris, debris collection), automatic feeding, customized production of cartoning machine connection;

## **Packaging materials**

Polyethylene chloride thin film, aluminum-plastic composite film, paper-plastic-aluminum composite film, dialysis paper etc.

## **Technical Parameter**

Speed of drum	4-8m/min
Packing Specification	320mm
AL/PL Laminated Foil	0.08×320mm (Max)
Electrothermal Power	3.2kw
Main Motor Power	2.35kw
Overall Dimension	2333 *1197*2138mm
Weight	1300Kg