

## *DPR-250B Tropic (ALuPvcAlu) Blister Packaging Machine*



DPR-250B Tropical (ALU-PVC-ALU) Blister Packaging Machine is the innovation product in China and got two patents of the state. It can be used for three packing kinds for ALU/PVC, ALU/ALU, ALU/PVC/AVC and up to the purpose that a machine with three usages just to change moulds.

- ◆ In Nov. 2001, the machine has got appraisal certificate of new products scientific and technological achievement of ZheJiang province
- ◆ In July 2003, the machine obtained the title of national- level key new products.
- ◆ In Dec. 2003, the machine obtained "second prize of scientific and technological progress of Wenzhou city"

Our machines were already used in many large pharmaceutical factories at home and exported to America and Europe, and also got users' favorable comment at present.

Packaging: drugs (capsule, troches, pill, soft gel, syringe, granule, vial); food (chewing gum, candy, chocolate bean); cosmetics ( lipstick, perfume); other similar products (battery, electron, toothbrush, toy, glue, knife, hardware, health products) and etc.

PVC plastic enters into forming mould to be press formed after pre-heating, then filling the medicaments by double-universal feeder, and make memory of wasted plate by detector system, and then be sealed at the hot-sealing unit (1), it pass the ALU/PVC gap bridge unit by servo motor traction, then sealed with the formed tropical ALU at hot-sealing unit (2), and enter into cutting unit through second traction system, and finally delete the waster and output good products.

### **Main features of DPR-250B are as following:**

1. Mechanical drive: adopts the most new-type high-power transmission chain to drive the main drive shaft, avoiding the errors and noises when the gear wheel under transmission.

2. Electric apparatus system: adopts German Siemens PLC controlling system or Japan Omron PLC controlling system, resulting each station transmission is programmable.
3. Detection system: according to customers' requirement, it adopts camera detector which can distinguish 5% different shape of pharmaceutical sample and delete it automatically. Or it adopts the optic fibre detecting & eliminating system that can count and reject empty blister pack.
4. Pneumatic system: adopts coder control and programs with PLC that make each operating station accurate. It guarantees the stability of moving ahead simultaneously when packing products operating in many stations and long distances.
5. Servo traction system: Adopting double servo equipments, Panasonic servo-motor traction device to control, in order to keep the stability of moving ahead simultaneously while each apparatus are in high speed and long-distance working.
6. Photoelectric registration for printing equipment: using servo motor to control traction system, and photoelectric switch to detect the length, thus makes print pictures and texts to be clear and pleased, and improve the level of the products packing.
7. Split combined type body: It is convenient to enter the purification workshop and fitted up smoothly for the user. And it's easy to install and convey.
8. All the parts is made of stainless steel (316 or 304) and prevent the across infect which completely meets the "GMP" standard.
9. This machine can be equipped with safety cover, and automatically finish forming, feeding, hot-sealing, tropic alu forming, second hot-sealing, perforating, and trimming.

### Specifications:

Productivity:	40,000-80,000 Pieces/hour
Travel adjusting range:	40-130 mm
Cutting frequency:	15-40(Frequency Conversion Adjustable)Time/min
Max.of forming area and depth of PVC:	240×120×18 mm
Max.of tropic Alum,-plastic:	220×110×20 mm
Heating plate Power:	1.5(upper)KW 1.5(lower)KW
Hot-sealing power of Alum,-Plastic:	3KW
Hot-sealing power of tropic Aluminum:	7KW
Power of main motor:	2.2KW
capacity of air compressor:	≥0.2m <sup>3</sup> /min
Size of wrapper(width):	PVC/AL Foil, Tropical Al 250mm
Weight:	2500Kg
Overall size:	4750×1200×1800mm