

## *DPR-250A Tropical (ALU/PVC/ALU) Blister Packing Machine*



DPR-250A 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.

Packing: medicine (capsules, caplet, tablets, pills, vial, soft gel, powder, pellet, water injection, eyedrop); food (health products, coffee, chewing gum, biscuit, candy, milk slice, liquid chocolate); cosmetics (perfume, lipstick), other similar products (battery, electron, toothbrush, toys, glue water, health products, knife, liquid, hardware) and so on.

Work flow: 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.

- 1) Transmission organization: Adopting the most new-type high-power transmission to arrange the chain and drive the main drive shaft, has avoided the errors and noises of its gear wheel transmission.
- 2) Electric apparatus system: Adopting German Siemens PLC and Schneider control system, in order to make every engineer location of transmission of the machine worked in procedure.

- 3) Pneumatic system: Adopting coder control, in order to make every organization operate accurately by programmable PLC, and also guarantees the stability of moving ahead simultaneously while packing products are in multi-parts and long-distance moving.
- 4) Traction system: Adopting double traction device, Panasonic servo-motor control, in order to keep the stability of moving ahead simultaneously while each apparatus are in high speed and long-distance working.
- 5) Detection system: Adopting video detector that can modify of the 5% different pharmaceutical sample of the shape, or adopt the digital calculating equipment of the optic fiber that can detect the number of medicines, both of them can delete the waster automatically;
- 6) Photoelectric equipment: control the traction system by servo motor, and detect the length by photoelectric switch, in order to make the printed photos appeared clearly and beautifully, then get the purpose of making photos oppositely, and improve the level of the products packaging.
- 7) Combined body: it is convenient to enter the purification workshop already fitted up smoothly for the user.
- 8) All the parts is made of stainless steel (No.316 or 304) and prevent the across infect which can meet the "GMP" standard.

### Specifications:

Productivity:	40 000 - 80 000 pieces/h
Cutting frequency:	15-40(Steplessly adjustable) Times/min
Travel adjusting range:	40-130mm
Max. of forming area and depth of PVC:	240mm×120mm×18mm
Max. of tropic Aluminum forming area and depth:	220mm×110mm×20mm
Heating Plate Power(upper):	1.5(top)KW,1.5(b)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) PTP Alum.foil PTP:	250mm
Tropic Aluminum:	250mm
Overall size:	4600mm×750mm×1650mm
Size of encasement:	2400mm×750mm×1650mm,2200×750×1650mm