

## ***Blister Packing Machine DPP-260***



The DPP260H automatic blister packaging machine for aluminum-plastic (aluminum-aluminum) is a recently improved equipment launched by our company. It adopts variable frequency speed regulation and integrates mechanical, electrical, optical, and pneumatic control technology. It is innovatively designed in strict accordance with the requirements of the pharmaceutical industry's (GMP) standards, and it is at the leading level in China. This machine has advanced functions, simple operation, and high production efficiency, making it the ideal packaging equipment for large and medium-sized pharmaceutical companies, health care products, and the food industry.

### **Main features:**

- The overall open layout structure, modular design workstations with good visibility, and convenient maintenance and adjustment. Novel and safe appearance protection design for safe operation.
- It has heating plate temperature control detection, main motor overload protection, PVC and PTP packaging material position detection, and feeding warehouse material position detection and control, automatic fault protection and shutdown.
- The forming heating mechanism uses contact-type graphic alignment heating. After the heating plate is lowered, it can be delayed to start up to limit material waste within one plate travel. It also reduces heating power and temperature, saves energy, and enhances the stability of the plastic plate, making it not easy to deform.
- Enlarged PVC quick replacement bearing platform, quick material receiving platform, and overall guide rail, increasing the overall practicality of the equipment.
- The mold is trapezoidal positioned, the rectangular design is positive pressure formed, and the micro-edge is punched and cut, making replacement more convenient and quick. All parts in contact with drugs are carefully made of high-quality stainless steel and high-quality aluminum alloy non-toxic materials, with high-grade surface treatment process and texture.

- Air cushion sealing: When the machine is stopped, the cylinder automatically raises the mesh plate. This eliminates the phenomenon of blister deformation caused by heat radiation during stoppage, facilitates the cleaning of the mesh plate, and at the same time plays a buffering role against overpressure, which is beneficial to prolong the service life of the machine.
- Male and female mesh plates are sealed by heat sealing: Both sides are point-like mesh patterns (can also be sealed with line-like patterns). Due to equal stress, the plates are flatter and the sealing performance is improved.
- An independent batch number printing station is added, abandoning the drawbacks of the previous model of scalding the mold when changing the hot sealing mold, and designing a batch number heating mechanism to ensure the clarity of the batch number.
- Equipped with photoelectric compensation mechanism for graphic alignment of pre-printed aluminum foil.
- Frame-type filling and feeding, high efficiency and reliability. It can adapt to various layout methods and filling of irregular shapes. (And can design a matching special feeder according to the packaging item)
- It adopts high-end PLC control, touch screen operation, Chinese and English digital display, variable frequency speed regulation, servo traction, and traction length can be adjusted arbitrarily on the touch screen within the traction size range.
- The finished products are outputted in order, and defective products are easily collected. Equipped with waste collection device for easy collection of waste materials.
- The whole machine adopts split and connected design for easy access to elevators and workshops.

## Specifications

Model	Dpp-260
Cutting frequency (times/min)	Alu-plastic : precision leadscrew≤50
	Alu-al packing : ≤30
Max. forming area (mm)	250×180
Max. forming depth (mm)	Alu-plastic : 26
	Alu-Alu : 14
Travel range (mm)	0-180 (Precision leadscrew)
Standard plate (mm)	80×57 (can be manufactured as user's requirement)
Air pressure (mpa)	0.4-0.6
Air supply	≥0.36m³/min
Total power	380V/220V 50Hz 6.2kw
Main motor power (kw)	1.5
PVC rigid sheet (mm)	0.15-0.5×260
PTP aluminum foil (mm)	0.02-0.035×260
Dialysis paper (mm)	50-100g×260
Mould cooling	Tap water or circulating water
Dimensions(L*W*H)	3900×730×1600 (L×W×H)
Weight	1600kg