

High-speed Blister Packaging Machine



DPH330E Blister packing machine is our company new develop high speed machine which combines the advantage of plate-type and rotary-type machine. With the international high level technology concept, full servo motor, bus control system, modular design, high feeding capacity, intelligent and low noise. Easy operation and mold exchange. Meet GMP quality standard. It is widely used in medicine, health care products, medical devices and electronic components blister packing.

Main technical parameters

1. Largest forming area: 260mm×330mm (step distance×PVC width)
2. Deepest forming: 12mm;
3. Packing materials:
 - 1) PVC : thickness 0.2-0.4mm, max width 330mm, outside roller film diameter≤Φ500mm , inside roller film diameterΦ70-Φ72mm;
 - 2) PTP: thickness 0.02-0.03mm, same width with PVC , outside roller film diameter≤Φ250mm, inside roller film diameterΦ70-Φ76mm;
4. Power: 380V, 50HZ;
5. Total power: 20kW;
6. Cooling water pressure: 0.1-0.3Mpa, water consumption: 0.02-0.05m³/min;
7. Air pressure 0.5-0.6Mpa, air consumption : 0.2-0.4 m³/min;
8. Cutting times: ≤ 200 times/min (depend on blister size)
9. Machine size: 4500×1300×2000mm (L*W*H) ;
10. Weight: 3500kg

Working principle

PVC hard sheet material is drawn by the open coil mechanism to pull out certain length, supply the next step demand, after heating device, forming device forms bubble cover. After molding, the PVC bubble cover is formed into the intermittent traction of the mechanism, and the continuous working is formed by the continuous bubble belt. The bubble into the feeding part of the platform, the drug by feeding (tablet, capsule, or soft capsule, etc.) filling in the PVC blister has formed, before the heat sealing and then inhibits PTP aluminum foil to cover in the upper blister, together into the sealing, sealing device for rolling is packaging is placed in the PVC blister and the aluminum foil sealing holes in the nest; This insulates the drug from the atmosphere. And enter the batch number device, according to the preset steel character indentation marks (or broken lines), and then by typing adjusting roller, cutting step into the cutting device packaging semi-finished products of continuous cutting apart, so as to achieve the desired aluminum-plastic blister packaging sector.