

Pharmaceutical Blister Packaging Machine



DPH260 Blister Packaging Machine is our company's newest developed machine, which used machinery, electricity, light, gas and water, and which collected the plate type machine and the rotary type machine's advantages. The machine adopt computer control, servo stepper driver, can achieve 90 ~ 100 times/cutting. The machine is higher production efficiency, compact structure, easy operation and easy to change the mould and so on, which meets the requirements of GMP specification and which is widely used in the packaging for tablets, capsules health products, food products and electronic components and so on.

Main technical parameters

1. Largest forming area :270mm×260mm (step distance×PVC width) ;
2. Deepest forming: 12mm;
3. Packing materials :
 - 1) PVC : thickness 0.2-0.4mm, max width 260mm, outside roller film diameter $\leq \Phi 400$ mm , inside roller film diameter $\Phi 70$ - $\Phi 76$ mm.
 - 2) PTP: thickness 0.02mm, max width 260mm, outside roller film diameter $\leq \Phi 250$ mm, inside roller film diameter $\Phi 70$ - $\Phi 76$ mm.
4. Power : 380V, 50HZ.
5. Total power : 17.5KW;
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 : 90-130times/min (standard board 78×56, no fracture line) .
9. Machine size : 2900×930×1700mm (L*W*H) ;
10. Weight : 1800kg.

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.