

DPP-550C Medical Apparatus Flat Plate Blister Packing Machine



Features:

1. The main drive part adopts Germany Siemens Main Motor. The chain drives the spline spindle, and the spindle drives the forming, heat sealing and cutting cams to move up and down. The inner hole of the three-position cam is processed by the spline type, which can make the forming, heat sealing and cutting stations move horizontally, and can be used for the adjustment of various blister size moulds. The main transmission part is simple in structure and durable. The spline main shaft adopts 8 equal grooves, with a diameter of 50mm. It is stable, with large torque and long service life.
2. The traction part adopts servo motor intelligent traction, ensuring smooth and accurate operation. It can automatically adjust the stroke. The adjustable range of stroke is 40-250mm.
3. The latest mechanical conveying device for PVC and aluminum foil conveying system design, combined with induction switch control for conveying motor, eliminates the difference in conveying force when PVC and aluminum foil are first installed with large diameter and weight, but later with smaller diameter and lighter weight, thus making synchronization more accurate and conveying materials uniform and stable.
4. The double-layer working table is made of 1.5mm stainless steel as a whole, and the overall appearance of the whole machine is made of 304 stainless steel. All parts in contact with drugs are non-toxic materials, meeting GMP requirements.
5. Cutting can be adjusted, which can shorten the mold adjustment time and reduce material waste.

6. Man-machine interface operation, PLC programmable control, stepless frequency conversion speed regulation, cutting speed between 10-25 times according to feeding conditions and blister sheet size.
7. It is made of split structure to facilitate access to the divided purification workshop or goods elevator to the building workshop.
8. Widening and thickening heating plate is used for forming heating: the heating plate has better temperature stability, shortens the heating time of PVC, effectively protects the molecular structure of PVC, and saves energy. When the machine is shut down, the heating plate automatically opens to avoid discoloration of PVC due to long-time heating. Heating plate material: Made of stainless steel heating tube with aluminum injection, and equipped with anti stick coating.
9. The latest improvement of the sealing aluminum foil feeding station adopts a rear mounted design, greatly reducing the feeding height and reducing the operating intensity of the workers.
10. The installation of forming, heat sealing, and cutting molds adopts the latest guide rail type installation, which can quickly disassemble and install the molds.
11. The waste collection device adopts the latest non-stop waste collection design, which can greatly improve the operational connectivity of the entire machine and improve production efficiency.
12. The heat sealing cylinder adopts a pressurized cylinder design to improve the sealing effect.

Technical Parameters

Item		Unit	Parameter
Cutting speed		times/min	6-20
Power:3phases 4wires			380V/50Hz
Adjustable stroke		mm	40-250
Max. forming area		mm×mm	540×240
Max. forming depth		mm	AL/PL 50
Forming upper heat power		kW	3
Forming lower heat power		kW	3
Heat-sealing heat power		kW	3
Motor Power		kW	3
Air pump pressure		MPa	0.5-0.6
Air pump volume flux		m ³ /min	≥0.5
Packing material	Medicine PVC	mm×mm	0.25-0.40×550
(H×W)	PTP	mm×mm	0.02×550
Machine Dimension (L×W×H)		mm×mm×mm	5800×1385×1810 according to the design
Weight		kg	3500