

PP500 Plastic Tray / Blister / Lids Forming Machine



The machine is an automatic multi-station blister/plastic tray thermoforming machine with positive and negative pressures, including 450S/450A/550A and other models, which is designed by our company according to years of technology accumulation and different customer requirements.

In particular, PP-500 and PP-350 are innovative machines in depend entry developed by our company with obtained invention patents. The machines effectively solve the problems of large production investment, complex workflow process, poor product hygiene and low security of plastic products such as PP/PS/PET/PVC/PLA, etc.

These machines are capable to complete forming, piercing, punching and other processes synchronously, to quickly and efficiently produce products with plastic package. So they are very suitable for packaging food, medicine, hardware, gifts and other products. Moreover, the machine is stable, beautiful and cost-effective, widely selected by customers in domestic and abroad!

Key features:

- 1) Compact structure, stable operation, easy operation and convenient maintenance;
- 2) Adopts servo adjustment and touch screen;
- 3) Adjustable moving stroke, and simple to replace molds;

Working process:

The production process: Packing film heating --> blister forming --> servo motor traction --> piercing --> blister plate punching --> waste collection.

Machine parameters

Model	PP500	GP550A	GP450A
Application	Widely used in PET, PVC, HIPS and other plastic covers in medicine, food, daily necessities, electronics, hardware and other production		
Speed	PP 10-13times/min	15-35times/min	
	PVC/PET 12-20 times/min		
Materials	PP, PVC, PET, HIPS, PLA, GPPS	PVC/PET/HIPS/PLA	
Total Power	40KW	6KW	
Cooling mold	Tap or recycled water, with 60L/hour consumption		
Air consumption	> 0.9m ³ /Min		
Max. forming width	500mm	300mm	300mm
Max. forming area	450*260mm	550mm	450mm
Max. forming depth	50mm	46mm	46mm
Overall dimension	5300*1500*1900mm	4000*1300*1900	4000*1200*1900
Machine weight	3200kg	2400kg	2200kg