

PLC Automatic PVC Plastic Vacuum Forming Machine HEY05



Vacuum forming, also known as thermoforming, vacuum pressure forming or vacuum molding, is a procedure in which a sheet of heated plastic material is shaped a certain way.

PLC Automatic Plastic vacuum Forming Machine: Mainly for the production of variety plastic containers (egg tray, fruit container, package containers, etc) with thermoplastic sheets, such as APET, PETG, PS, PVC, etc.

Product Advantages

1. This Vacuum Forming Machine Utilizes PLC control system, servo drives upper and lower mould plates, and servo feeding, which would be more stable and precision.
2. Human-computer interface with high definition contact-screen, which can monitor the operation situation of all parameter setting.
3. The Plastic vacuum forming machine Applied self-diagnosis function, which can real-time display breakdown information, easy to operate and maintenance.
4. The pvc vacuum forming machine can store several product parameters, and the debugging is quick when producing different products.

Technical Parameter

Model	HEY05A	HEY05B
Control	Air Cylinder	Servo
Forming Area (L*W)	1350*760 mm	
Option Customized Forming Area (L*W)	1220*760/900mm, 1350*900mm, 1500*760/900mm	
Whole Machine Power	Max. 50kw	
Heating Power	Max. 40kw	
Average Power Consumption	About 25kw	
Heating Method	Infrared-radiation Heating	
Work Frequency	4-24 times/min	
Forming Height	Max. 240mm (Male Mould), Max. 200(Female Mould)	
Sheet Thickness	0.1-2.5 mm	
Sheet Width	450-800mm	
Air Compressor	0.6-0.7 Mpa	
Air Supply Quantity	1.5-2 m3/min	
Vacuum Flow Rate	100 m3/hour	
Power	3kw	
Ultimate Vacuum	5mbar	
Water Supply	350kg/h	
Power Supply	Three Phase Four Lines 380V 50/60HZ	
Machine Dimensions	8900*1800*2600mm	
Whole Machine Weight	Around 4500 kg	