

Vacuum Forming Machine with Pressing

This vacuum forming machine utilizes a full sealing heating oven for consistent temperature. It features both up platform pressing and down platform vacuum forming capabilities, managed by a PLC control system for full automation.



ADDITIONAL IMAGES



Overview

Professional Vacuum Forming and Pressing System

This advanced industrial machine integrates full-sealing heating technology with precise vacuum and press-forming capabilities. Engineered for efficiency and energy savings, it features full-auto PLC control, making it an ideal solution for large-item bulk production. The system is designed to handle a diverse range of plastics, delivering consistent quality through superior thermal control and automated operation.

Technical Specifications

Performance Metrics

400 °C

Max Heating Temperature

100 cm

Max Forming Depth

100 L

Max Vacuum Pump Capacity

Compatible Materials

Acrylic, PC, PVC, PE, PP, PET, HIPS, PA, ABS

Operational Features

Automation & Control

- PLC HMI Touch Control
- Full Auto Program Operation
- Hydraulic Pressure Platform Movement
- Pneumatic Control Clamping Frame
- Full Sealing Heating Oven

Model Variants

型号/Model	YG-1020SV	YG-1325SV	YG-2030SV	YG-????SV
工作范围/Working Area	100*200cm	130*250cm	200*300cm	定制尺寸/ Customized Size:
功率电压/Power	20KW/380V/50-60Hz	25KW/380V/50-60Hz	40KW/380V/50-60Hz	
机身尺寸/Dimension	350*290*210cm	400*350*210cm	450*480*210cm	
机身重量/Weight	2000kg	2500kg	3000kg	
用途/Function	真空成型及压模成型/Vacuum Forming with Pressing			
应用材料/Suitable Material	Acrylic(亚克力), PC, PVC, PE, PP, PET, HIPS, PA, ABS			
材料厚度/Material Thickness	0.3-6mm			6-20mm
吸盘深度/Forming Depth	<35cm			<100cm
加工温度/Heating Temperature	0-400°C			
运行系统 Working System	操作方式/Operation	PLC HMI		
	平台移动/ Platform Movement	液压站/Hydraulic Pressure		
	夹框/Clamping Frame	气动升降/Pneumatic Control		
真空泵/Vacuum Pump	63L	63L	100L	?

Technical summary of machine capabilities and model variations.

Standard Models Comparison

Model	Working Area (cm)	Power (KW)	Weight (kg)
YG-1020SV	100*200	20	2000
YG-1325SV	130*250	25	2500
YG-2030SV	200*300	40	3000