

## *ZS-1220/1220S Semi Automatic High Speed Thermoforming Machine*



### **SUMMARIZE**

1. ZS – 1220 PLC Control High-speed Vacuum Forming Machine adopt Japan Omron Control system, the whole system realize Human machine Interface.
2. All parameters is set on the touch screen and all the running status is being monitored. The equipment has diagnostic function, fault messages and elimination measures real-time display, easy to operate and maintain.
3. This machine could store several product's parameters, just select the right parameter when changing products.
4. Servo motor driving / Cylinder driving two types are available for the forming process.
5. It can't finish the whole process from material to finished product independently. Hydraulic cutting machine is required for the cutting process.

### **APPLICATION**

1. The finished product would be big pieces, if combined with hydraulic cutting machine, the output would be large and total machine cost would be low. The only defect is higher labour cost.
2. It's suitable for PLA, corn starch, PP, PE, APET, PVC, PETG, PS, ABS, EPS, HIPS and other plastic sheet forming.
3. Processing packages with high transparency, high depth, circular, square Shape, irregular, top and bottom both sides stretch, turnup etc. Used as medical industry blister lining, fruit tray, food and lunch box, toys, tray, dish, bowl, cover, electronic and other industrial packaging making.

## Technical Parameters

<b>Mode</b>	<b>ZS-1220</b>	<b>ZS-1220S</b>
Max forming area	1220*710mm	1220*710mm
Max forming depth	180mm	180mm
Material thickness	0.1-2.0 mm	0.1-2.0 mm
Production speed	6-15 cycle / min	6-15 cycle / min
Total power	45kw (Normal 15-30kw)	52kw (Normal 22-37kw)
Driving method	Air Cylinder	Servo motor
Voltage	380V-50Hz-3PH	380V-50Hz-3PH
Weight	3.5T	3.5T
Dimension(L*W*H)	7400*1780*2500 mm	7400*1780*2500 mm