

## *Hot Fill Juice Bottle Stretch Blow Moulding Machine*



### **Production Description:**

1. The servo motor is adopted to drive the molding mechanism, triggering off a bottom mold linkage as well. The whole mechanism works speedy, accurately, stably and flexibly. Meanwhile, it is energy efficient and environmental safe.
2. Oil or electricity heated, the mold can ensure bottles meet the hot filling requirement and withstand a temperature up to 90~95°C without deformation. The capacity of each cavity can be up to 700~900bph.
3. The servo motor driven stepping unit and stretching mechanism have improved the speed, flexibility and accuracy of blowing.
4. The simple slide-in way of mold mounting makes it possible for the operators to change molds easily within 30 minutes.
5. The man-machine interface is highly automated and easy to operate. The compact machine occupies a smaller area.
6. The series is applied widely in PET hot filling bottle for juice, tea drinks, energy drinks and other hot filling drinks.

## Technical Parameter:

Items		Unit	Model
			SERVOPET-06-H
Molding Spec.	Clamping force	kg	48000
	Clamping stroke	mm	125
	Stretching stroke	mm	240
	Bottom stroke	mm	30
	Cavity pitch	mm	76
	Number of cavities	cavities	6
Container Spec.	Max.volume, ctr.	L	0.6
	Neck diameter	mm	18~38
	Max.diameter, ctr.	mm	70
	Max.height, ctr.	mm	240
	THEORETICAL OUTPUT	bph	Hot Fill Bottle:5000-6000
Power Spec.	Power Consumption	KW	42
	Heating Power	KW	39
Air Compressor Spec.	Blowing pressure	Kg/cm <sup>2</sup>	35
	High pressure air consumption	m <sup>3</sup> /min	8
Water Chilling Spec.	Operating pressure	Kg/cm <sup>2</sup>	≥4
	Temperature range	°C	5~20
	Refrigerating capacity	kcal/hr	12222
	Flow Rate	L/min	70
Water Cooling Spec.	Operating pressure	Kg/cm <sup>2</sup>	≥4
	Temperature range	°C	≤30
	Flow Rate	L/min	85
Main Machine Spec.	Size(L*W*H)	mm	4200*2050*2500
	Weight	Kg	5500
Whole Set Spec.	Size(L*W*H)	mm	4845*4420*2700
	Weight	Kg	6500