

HZ-880 Semi-Automatic Stretch Blow Moulding Machine



Semi-automatic stretch blow moulding machine is suitable to produce different shapes of PET/PC/PE bottles. It can blow from 100ml to 6000ml bottles and is widely used to produce mineral water bottles, carbonated soft drink bottles, juice bottles, medical bottles, cosmetic and oil bottles etc.

Infrared lamps adopted in the pre-heater ensure PET preforms being heated evenly. Mechanical-double-arm damping system ensures mould being tightly closed under high pressure and high temperature.

Pneumatic system consists of two parts: Pneumatic acting part and bottle blowing part in order to meet different pressure requirements for both acting and blowing. It provides sufficient steady high pressure to blow large irregular shape bottles.

- Equipped with silencer and oiling system to lubricate the mechanical parts of the machine.
- Operated step-by-step and in semi-auto mode.
- Wide-mouth jar and hot-fill bottles can also be made.

Technical Parameters

TYPE	ITEM	UNIT	HZ-880 Standard
End Product	Material	/	PET/PP/PE/PC
	Volume	L	0.05-2.5 (2-cavity)
			3-6 (1-cavity)
	Theoretical output	Pcs/h	0.05-2.5L: 900

			3-6L: 400
	Max. length	mm	360
	Max. diameter	mm	180
Mould Plate	Max. mould plate dimension(L*H)	mm	420*500
	Max. mould thickness	mm	160-240
	Clamping force	KN	180
	Mould opening stroke(adjustable)	mm	200
Air Compressor	Hight pressure compressor	M3 /Mpa	≥ 1.2/3.0x1set
	Precision air filters	M3 /Mpa	≥ 1.0/3.0x2pcs
Main Machine Electricity	Power	Kw	18
	Voltage/Frequency	V/HZ	220-380/50-60 (3 PH)
Machine Size and Weight	Blow unitdimension(L*W*H)	M	1.66× 0.74× 2.2
	Blow unit weight	T	0.7
	Pre-heater dimension(L*W*H)	M	1.46× 0.71× 1.58
	Pre-heater weight	T	0.3
Safety	Auto emergency alarm		Safety inter-locking device