



Semi-automatic PET Bottle Molding Machine HZ-880



The Main Application of Semi-automatic Blow Molding Machine is to produce wide range shapes of PET/PC/PE bottles. It is able to produce from 100ml -6000ml bottles, which is widely used producing all kinds of bottles, including mineral pure water bottles, mineral water bottle water, carbonate soft drink bottles, juice bottles, medical bottles, cosmetic and oil bottles etc.

Bellow is the main function of our Semi-Automatic blow molding machine

1. Stable heating function: The Infrared lamps adopted in the pre-heater ensures PET performs being heated evenly, which ensure that there is no bubble inside of the bottle, and ensures that the bottle is highly controlled by PLC intelligent system.
2. Steady temperature control: The Mechanical-double-arm clamping makes sure that mould being tightly closed under high pressure and high temperature. To make sure the bottle will not be damage by high temperature and easy to blowing.
3. Multifunctional features and highly Flexible: The pneumatic system consists of two parts. The Main function of pneumatic acting part and bottle blowing part is to meet different requirements for both acting and blowing. It provides sufficient steady high pressure to blowing. It provides sufficient steady high pressure to blowing large irregular shape bottles.
4. Efficient and smooth running: Equipped with silencer and oiling system to lubricate the mechanical parts of the machine.
5. Agile design for human being control: Operated step-by-step and in semi-auto mode.
6. Multifunctional and Wide Application: Wide-mouth jar and hot-fill bottles can also be made.

Specifications:

TYPE	ITEM		HZ-880 Combined type	HZ-880 Standard type
END PRODUCT	Material	/	PET/PP/PE/PC	PET/PP/PE/PC
	Volume	L	0.05-2.5(2-cavity) 3-6(1-cavity)	0.05-2.5 (2-cavity) 3-6 (1-cavity)
	Theoretical output	Pcs/h	0.05-2.5L/1700 3-6L/800	0.05-2.5L/850 3-6L/400
	Max.length	mm	360	360
	max.diameter	mm	180	180
MOULD PLATE	Max.mould plate dimension(L×H)	mm	420×500	420×500
	Max.mould thickness	mm	160-240	160-240
	Clamping force	KN	90	90
	Mould opening stroke (adjustable)	mm	200	200
AUXILARY	High pressure Compressor M3/Mpa	KW	>=0.70/3.0×1set 22	>=0.7/3.0×2sets 22
	Precision air filters	M3/Mpa	>=1.0/3.0×2pcs	>=1.0/3.0×2pcs
MAIN MACHINE ELECTRICITY	Power	KW	12	12
	Voltage/Frequency	V/Hz	220-380/50-60	
MACHINE SIZE AND WEIGHT	Main body dimension(L×W×H)	M	1.45×0.6×1.75	1.45×0.6×1.75
	Main body weight	T	0.6	0.6
	Conveyor dimension(L*W*H)	M	1.40×0.62×1.25	1.40×0.62×1.25
	Conveyor weight	T	0.22	0.22
SAFTY	Auto-emergency alarm	SAFETY INTER-LOCKING DEVICE		