

## 5GL Auto Blow Molding Machine HZ-120



HZ-120 automatic PET stretch blow molding machine, PET bottle blower is used to produce five gallon (20L) PET bottle, nowadays 20L sized bottles are demanded extremely in the market. Facing great demand for 5 gallon PET bottle at market, the whole bottle making production from perform conveying to bottle discharge is completed automatically. It is made up with three main parts: perform loading system, Heating oven & blow station.

### Features:

1. Patented Feeding system carries perform automatically.
2. Suit to produce 5-25L wide mouth PET container
3. Advanced PLC control system with a user-friendly control panel
4. Reliable sensor system monitor machine's auto running
5. Powerful heating unit with precision control and convenient adjusting device
6. Cooling system to get perfect cooling result
7. Compact structure to save space
8. Prevent bottle from possible pollution by worker
9. Equipped with special designed air storage units
10. Simple installation & startup adjustment

**Specification:**

<b>TYPE</b>	<b>ITEM</b>	<b>UNIT</b>	<b>HZ-120 technical data</b>
Container	Product material	/	PET
	Container volume	L	5-25
	Theoretic output	Psc/hr	5gallon: 120/ 5L: 700
	Preform length	M	15-460
	Preform inner diameter	Mm	15-200
Molding	Max mold plate dimendion	Mm	340 × 500
	Max mold thickness	Mm	400
	Clamping force	KN	100
	Mold opening stroke	Mm	330
Air compressor	High pressure compressor	m <sup>3</sup> /Mpa KW	>=0.06/3.0
	Air pressure for blowing	Mpa	2.0-4.0
	Low pressure compressor	m <sup>3</sup> /Mpa KW	>=0.8/1.25 7.5
Main machine electricity	Power	KW	15
	Voltage / frequency	V/Hz	380-240-110/50-60
Machine size and weight	Main machine	T	2.60×1.90×1.95
	Main machine weight	M	2.8
	Low pressure compressor	M	1.85×0.70×1.50
	High pressure compressor	M	1.90×0.75×1.50
	Air filter	Kg	10×2pcs
Safety	Auto emergency alarm	Safety inter-locking device	