

5GL Blow Molding Machine HZ-90



HZ-90 PET stretch blow molding machine, blow molder is specially designed to produce 5-gallon bottle and 25L wide mouth jar. Its max output is up to 90 BPH for 5-gallon bottle and even could reach 120 bottles per hour in certain case. It consists of main unit and rotary infrared heater. The ordinary quartz lamp cannot heat perform ideally because the perform wall is excessively thick. The infrared heater with high penetrative force can heat the inside and outside of perform simultaneously and keep perform in even heating, therefore high shaping quality.

Features:

1. Special design for PET Gallon Bottle up to 6 Gallon
2. Using Infrared reheat units to achieve uniform heating throughout the wall of perform
3. Adopt special designed perform heating system to ensure the optimal heating effect for 750g thick-wall perform
4. Special designed fan-cooling system in the heating channels to keep the oven with constant temperature and ensure the perform can be heated completely.
5. Water cooling system ensures the quality of performs neck.
6. Use advanced PLC control system with counting function and time-control precision to 0.01second, and a user-friendly panel.

TYPE	ITEM	UNIT	HZ-90
Container	Product material	/	PET/PC/PE
	Container volume	L	5-25
	Theoretic output	Psc/hr	5gallon: 90 5L: 400
	Preform length	M	15-460
	Preform inner diameter	Mm	15-200
Molding	Max mold plate dimention	Mm	420×500
	Max mold thickness	Mm	400
	Clamping force	KN	100
	Mold opening stroke	Mm	330
Air compressor	High pressure compressor	m ³ /MpaKW	>=0.60/3.0
	Air pressure for blowing	Mpa	2.0~3.0
	Low pressure compressor	m ³ /MpaKW	>=0.8/1.25 7.5
Main machine electricity	Power	M	15
	Voltage / frequency	V/Hz	380-240-110/50-60
Machine size and weight	Main machine	M	1.55×0.82×2.00
	Main machine weight	T	1
	Heater (L × W × H)	T	2.42×0.65×1.60
	Heater weight	T	0.38
	High pressure compressor	M	1.90×0.75×1.50
	Air filter	Kg	10×2pcs
Safety	Auto emergency alarm	Safety inter-locking device	