

HZ-880 Semi automatic stretch blow moulding machine

Product Description

HZ-880 Stretch Blow Molding 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.

- 1: Infrared lamps adopted in the pre-heater ensures PET preforms being heated evenly.
- 2: Mechanical-double-arm clamping ensures mould being tightly closed under high pressure and high temperature.
- 3: Pneumatic system consists of two parts, pneumatic acting part and bottle blowing part in order to meet different requirements for both acting and blowing. It provides sufficient steady high pressure to blowing. It provides sufficient steady high pressure to blow large irregular shape bottles.
- 4: Equipped with silencer and oiling system to lubricate the mechanical parts of the machine.
- 5: Operated step-by-step and in semi-auto mode.
- 6: Wide-mouth jar and hot-fill bottles can also be made.



HZ-880S



HZ-880



5gallon blowing machine



TYPE	ITEM	MEASUREMENT	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 x H)	mm	420 x 500	420 x 500
	Max. mould thickness	mm	160-240	160-240
	Clamping force	KN	90	90
	Mould opening stroke(Adjustable)	mm	200	200
AUXILIARY	High pressure compressor M ³ /Mpa	KW	>=0.70/3.0 x 1sets 22	>=0.70/3.0*1sets 22
	Precision air filters	M ³ /Mpa	>=1.0/3.0 x 2pcs	>=1.0/3.0 x 2pcs
MAIN MACHINE ELECTRICITY	Power	KW	12	12
	Voltage/Frequency	V/Hz	220-380/50-60	220-380/50-60
MACHINE SIZE AND WEIGHT	Blow unit dimension(L x W x H)	M	1.45 x 0.6 x 1.75	1.45 x 0.6 x 1.75
	Blow unit weight	T	0.6	0.6
	Pre-heater dimension(L x W x H)	M	1.40 x 0.62 x 1.25	1.40 x 0.62 x 1.25
	Pre-heater weight	T	0.22	0.22
SAFETY	Auto-emergency alarm		SAFETY INTER-LOCKING DEVICE	

HZ Series automatic stretch blow moulding machine

FEATURES:

- HZ-3000 stretch blow moulding machine is suitable to produce PET/PC/PP and bottles in all shapes. It is widely used to produce carbonated soft drink bottles, mineral bottles, pesticide bottles, oil bottles, cosmetic bottles, wide-mouth jars and hot fill bottles, etc.
- 1: Feeding system carries the preforms automatically.
 - 2: Infrared lamps adopted in the pre-heat to heat the PET preforms.
 - 3: Fully automatic process with low investment, high efficiency, quick and safe operation, easy trouble-shooting, maintenance and other advantages.



HZ-1000



HZ-3000



TYPE	ITEM	MEASUREMENT	HZ-1000	HZ-2000	HZ-3000
			1-CAVITY	2-CAVITY	4-CAVITY
END PRODUCT	Material	/	PET/PP/PE/PC	PET/PP/PE/PC	PET/PP/PE/PC
	Volume	L	0.05-2.5(1-cavity) 3-6(1-cavity)	0.05-2.5(2-cavity) 3-6(1-cavity)	0.05-2.5(4-cavity) 3-6(2-cavity)
	Theoretical output	Pcs/h	600-1300	6L:450/2L:1200 0.5L:1500/0.1L:2000	6L:450/2L:1200 0.5L:1500/0.1L:2000
	Max. length	mm	180-360	350	350
	max. diameter	mm	65-170	35-110(2-Cavity)	35-110(4-Cavity)
MOULD PLATE	Max. mould plate dimension(L*W)	mm	387*219	350*450	350*450
	Max. mould thickness	mm	120-245	180-260	180-260
	Clamping force	KN	500	150	150
	Mould opening stroke (adjustable)	mm	180-260	180-260	180-260
AUXILIARY	High pressure compressor	M ³ /Mpa KW	>=0.70/3.0*1set 15	>=0.7/3.0*2sets 15	>=1.2/3.0*2sets 22
	Low pressure compressor	M ³ /Mpa KW	/	>=1.6/1.0*1set 7.5	>=1.6/1.0*1set 7.5
	Air cooling dryer	M ³ /Mpa KW	>=1.0/3.0*2pcs	>=1.0/3.0*1set 0.375	>=1.0/3.0*1set 0.375
	Precision air filters	M ³ /Mpa KW	/	>=1.0/3.0*3pcs	>=1.2/3.0*3pcs
	High pressure air receiving tank(D*H)	M ³ /Mpa KW	/	>=0.6/3.0*1set 0.7*2.55	>=0.6/3.0*1set 0.7*2.55
	Dimension(L*W*H)	m	1.55 x 0.85 x 1.95	2.2 x 1.9 x 2.2	2.2 x 1.9 x 2.2
MAIN MACHINE ELECTRICITY	Power	kw	8	15	25
	Voltage/Frequency	V/Hz	220-380/50-60	220-380/50-60	220-380/50-60
MACHINE SIZE AND WEIGHT	Main body dimension (L*W*H)	M		2.0 x 1.4 x 2.0	2.0 x 1.97 x 2.07
	Main body weight	T	0.8	2.0	3.5
	Conveyor dimension (L*W*H)	M	2.0 x 1.0 x 2.18	2.0 x 1.0 x 2.18	2.0 x 1.0 x 2.18
	Conveyor weight	T	0.4	0.4	0.4
SAFETY	Auto-emergency alarm		SAFETY INTER-LOCKING DEVICE		