

WBB-4SS Plastic Bottle Blowing Machine



WBB-4SS 4cavity automatic PET plastic bottle blowing machine with 3 servo motor (moving perform and clamping system and stretching system) output 7000 bph, which is suitable for blowing any shape of PET bottles, such as carbonated bottles, water bottles, juice bottles, oil bottles, etc.

Feature

- Adopt human-computer interface to control the whole working procedures, auto-loading, auto blowing, auto dropping. Action cylinders are all assembled with magnetic conduction switches. Connect with PLC to control every step and test every cylinder. Next action will continue after the former step done. If former step is not finished, alarm automatically and do not work. PLC displays problem position.
- Fast Speed, accurate position, smooth action.
- According to special demand, adopt cross double crank pressed clamping, with strong clamping force. Mould open stroke can be adjustable according to the bottle size to save time.
- Far infrared heater lamps have strong penetrations, preform are heated uniformly while rotating, PLC or electronic pressure adjustor controls each group temperature separately.
- Particular pre-heater design makes preform close while heating. Change space, shorten heating tunnel and reduce energy consumption according to the bottle size while blowing.
- This PET plastic bottle blowing machine air supply system consists of slight blow, high pressure blow, low pressure actions, to supply enough air for different products.
- Reliable and special single valve design makes all the air system clear.
- Shifting servo motor is more accurate and faster
- Connecting rod automatic lubrication oil device protects the machine well.

- Three servo motor design for moving perform, clamping system and stretching respectively to increase the speed, make machine stable and save electricity,
- Independent air valve control

Technical Parameter

ITEM		UNIT	WBB-4SS
PRODUCT	Theoretical output	Pcs/hr	7200
	Max. Volume	L	1.5
	Max. Height	MM	360
	Max. Diameter	MM	105
MOLDING	Number of Cavities	/	4
	Mould Plate Dimension(L×H)	MM	840×380
	Mould Thickness	MM	198
	Mould Opening Stroke	MM	110
ELECTRICAL	Power		220-380V/50-60HZ
	Total Power	KW	25
	Heating Power	KW	22
AIR SYSTEM	Operation Pressure	Mpa	0.8-1.0
	Action Air Consuming	M³/min	≥1.6
	Blowing Pressure	MPA	2.6-4.0
	Blowing Air Consuming	M³/min	≥4.8
MACHINE	Main Body Dimension(L×W×H)	M	3.7×1.2×2.3
	Main Body Weight	KG	2200
	Preform Autoloader (L×W×H)	M	1.9×1.9×2.2
	Preform Autoloader Weight	KG	200