

JTB-4 Fully-Automatic PET Blow Molding Machine



The conveyor put the preform from the barrel to the entire machine, then the preform is automatic arranged in order to feeding in a single way. Adopt FESTO rodless cylinder to divide into blank movement and positioning. The clipper picks preforms and place them on the transfer system. The way will avoid preforms jamming or wasting preforms.

Transfer system

The transfer linear machine is normal transmitted by chain or air cylinder, when cylinder drives, the speed is slow, efficiency is down, when chain drives, it is too noisy. JTB series composed of the casting nylon slider with servo motor drive, providing fast and which can meet environmental requirements.

The heating system

Preforms are feeding to the heating system in a parallel together with minimum center between two preforms, in order to make shortest distance to heat, saving more energy. Preforms go with rotation mode heat and cooling, to ensure heating averagely.

Machine Specification

1. Use double heating oven, heating densely, saving more energy.
2. Automatic feeding, heating, blowing with air system.
3. Patented preform feeding system for easy and safety.
4. Heating system for each lamp adjustment and constant voltage control system.
5. Touch screen human-machine interface for easy operation.
6. Modular component design for easy maintenance.
7. Compact design for effective usage of floor space.
8. Intelligence flow control with high pressure valve.

	Model	Unite	JTB-4
Clamping System	Number of cavity	cavity	4
	Clamping unite	KG	48000
	Mold stroke	mm	130
	Stretch stroke	mm	340
	Bottom stoke	mm	30
	Cavity spacing	mm	120
	Heating spacing	mm	55
	Number of holder	PCS	114
Bottle Size	Max. Bottle volume	L	2.0
	Max. Neck diameter	mm	38
	Max. Preform height	mm	140
	Max. Bottle diameter	mm	110
	Max. Bottle height	mm	340
	Theoretical output	B.P.H	4000
Electrical System	Heating oven	Unite	4*4
	Box*channel		4*12
	Number of lamp	pcs	48
	Heating power	KW	57.6
	Installed power	KW	65
	voltage	V	220V/380V/3phase
Air system	Operating pressure	Kg/m	7
	Blowing pressure	mpa	3.5
	High pressure air consuming	L/min	4200
	Power	Kw	44
Chiller System	Temperature	°C	10-15
	Pressure	Mpa	0.3-0.5
	Flow rate	L/min	80
	Heating power	HP	5
Machine Size	(L×W×H) machine dimension	M	3.8*2.0*2.0
	Machine weight	Kg	6000