

Fully-Automatic PET Blow Molding Machine JTB-6 & JTB-6L



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 is 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 densed, 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.
- Intelligence flow control with high pressure valve.

	Model	Unite	JTB-6	JTB-6L
			(normal)	(large)
Clamping System	Number of cavity	cavity	6	6
	Clamping unite	KG	56000	56000
	Mold stroke	mm	90	130
	Stretch stroke	mm	250	320
	Bottom stoke	mm	30	30
	Cavity spacing	mm	76.2	114.3
	Heating spacing	mm	76.2	114.3
	Number of holder	PCS	114	114
Bottle Size	Max. Bottle volume	L	0.6	1.5
	Max. Neck diameter	mm	38	38
	Max. Preform height	mm	100	140
	Max. Bottle diameter	mm	65	95
	Max. Bottle height	mm	250	320
	Theoretical output	B.P.H	6000	6000
Electrical System	Heating oven	Unite	8*8	8*8
	Box*channel		8*7	8*9
	Number of lamp	pcs	56	72
	Heating power	KW	67.5	86.4
	Installed power	KW	75	95
	voltage	V	220V/380V/3phase	
Air system	Operating pressure	Kg/m	7	7
	Blowing pressure	mpa	3.5	3.5
	High pressure air consuming	L/min	5600	6400
	Power	Kw	66	88
Chiller System	Temperature	°C	10-15	10-15
	Pressure	Mpa	0.4	0.4
	Flow rate	L/min	80	80
	Heating power	HP	5	5
Machine Size	(L×W×H) machine dimension	M	4.8*2.2*1.8	5.6*2.2*1.8
	Machine weight	Kg	5500	6500