

JTB-2 & JTB-2MF 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 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 modular design, reduced the occupation area, it's easy to change spare parts.
2. Use the linear type structure. Compact space is convenient of mold-conversion, repairing and maintenance.
3. The mouth of the annular stainless steel clamping device and integral aluminum alloy cooling device, protect the bottleneck heating deformation, improve the bottle and the bottle cap sealing, and prolong the life of the contents.

4. The groups of infrared lamp independent thermal balance adjusting device of the bottle blank heating when the temperature uniformity and the bottle exterior color uniform, improve the rate of finished products.
5. If you take a blow can debug function of large flow two stage blowing device.
6. Adopted photoelectric control pre-blowing and blowing setting, the La time is not a affected by pressure fluctuations, up to the bottle on wall thickness uniformity and consistency.

	Model	Unite	JTB-2	JTB-2MF
			(standard)	(Feeding By Hand)
Clamping System	Number of cavity	cavity	2	2
	Clamping unite	KG	20000	20000
	Mold stroke	mm	120	120
	Stretch stroke	mm	320	320
	Bottom stoke	mm	30	30
	Cavity spacing	mm	120	120
	Heating spacing	mm	55	55
	Number of holder	pcs	64	64
Bottle Size	Max. Bottle volume	L	2.0	2.0
	Max. Neck diameter	mm	32/38	32/38
	Max. Preform height	mm	140	140
	Max. Bottle diameter	mm	105	105
	Max. Bottle height	mm	320	320
	Theoretical output	B.P.H	2200	2200
Electrical System	Heating oven	Unite	2*9	2*9
	Box*channel			
	Number of lamp	pcs	18	18
	Heating power	KW	21.6	21.6
	Installed power	KW	25.5	24
	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	2000	2000
	Power	Kw	24	24
Chiller System	Temperature	°C	10-15	10-15
	Pressure	Mpa	0.3-0.5	0.3-0.5
	Flow rate	L/min	40	40
	Heating power	HP	4	4
Machine Size	(L×W×H) machine dimension	M	2.6*1.8*1.8	2.6*1.8*1.8
	Machine weight	Kg	3500	3500