

2 Cavity PET Bottle Stretch Bottle Blow Moulding Machine



Bottle Blow Molding Machine:

1. Automatically arrange the preform into the pre-heater, bottle will drop out automatically from mould.
2. Adopting high technology Micro PLC controller. Ensure the machine working properly and stable.
3. Pre-heater use single unit rotation heating design, preform heating center distance smaller, heating speed more faster, compare to old design with double unit rotation heating design, Electricity save 20%.
4. Special mould locking system enables faster mould locking while saves the source a lot.
5. Suitable for mineral water bottle, carbonated beverage, fruit juice bottle, oil bottle, cosmetic bottle.

Features:

- 1). Stable performance with advanced PLC.
- 2). Automatic preform conveyer to save human cost.
- 3). Preform self-rotation and infrared pre-heater revolution assure the even distribution of heat, which improve the bottle shaping rate, increase the production.
- 4). High adjusting performance to enable preheat the preforms perfectly by adjust the voltage control area in the PLC, which could adjust the temperature of the infrared lights in the pre-heater, and keep the proper temperature and humidity invariable.
- 5). High safeties with security automatic-locking device in each mechanical action, which will make the production into a perfect safe environment, in case of the breakdown in certain procedure.
- 6). Introduce the FESTO air cylinder to avoid contamination and noise.

- 7). Satisfaction with different atmospheric pressure for blowing and mechanical action by dividing the blowing and action into three parts in the air pressure diagram of the machine.
- 8). Strong clamping force with high pressure and double crank links to lock the mould.
- 9). Two ways of operating: automatic and manual.
- 10). Low cost, high efficiency, easy operation and maintenance etc, profited from the fully automatic technological process.
- 11). Ideal cooling system make the finished bottles without any flaws.

Technical Parameter:

Items		Unit	Model	
			FL-6C5L	FL-5C5L
Molding Spec.	Cavity Pitch	mm	190	190
	Preform Heating Pitch	mm	63.50	63.50
	No.of Cav.	Cav.	6	5
Container Spec.	Max.Container Volume	L	5	5
	Neck Diameter Range	mm	39-45	39-45
	Diameter of support ring	mm	57	57
	Max.Container Diameter	mm	180	180
	Max.Container Height	mm	330	330
Theoretical Output		BPH	6000-6600	5000-5500
Power Spec.	Rated Power	KW	180	168
	Power Consumption	KW	80-90	68-78
Compressor Spec.	Blowing Pressure	Mpa	2.8-3.5	2.8-3.5
	Air Consuming	m ³ /min	16	14
Main Machine Spec.	Size	mm	11800*3750*3300	9316*3635*3300
	Weight	Kg	11500	10500

Items		Unit	Model	
			FL-4C5L	FL-3C5L
Molding Spec.	Cavity Pitch	mm	190	190
	Preform Heating Pitch	mm	63.50	63.50
	No.of Cav.	Cav.	4	3
Container Spec.	Max.Container Volume	L	5	5
	Neck Diameter Range	mm	39-45	39-45
	Diameter of support ring	mm	57	57
	Max.Container Diameter	mm	180	180
	Max.Container Height	mm	330	330
Theoretical Output		BPH	4000-4600	3000-3600
Power Spec.	Rated Power	KW	159	118
	Power Consumption	KW	58-65	46-56
Compressor Spec.	Blowing Pressure	Mpa	2.8-3.5	2.8-3.5
	Air Consuming	m ³ /min	12	9
Main Machine Spec.	Size	mm	8181*3535*3300	7200*3435*3300
	Weight	Kg	9500	8000