

Full Automatic 6 Cavity Plastic Bottle Blowing Machine



Servo high-speed bottle blowing machine is a stable two-step blow-down stretch automatic blowing machine. It can be used from 2 cavity to 9 cavity with a speed of 1300 ~ 1500 bottles \ cavity \ hour (600ml plastic bottles), max volume 2L plastic bottle, suitable for blowing any kind of carbonated beverage bottle, sparkling beverage bottle, pure water bottle, mineral water bottle, fruit juice beverage bottle, cosmetic bottles, large diameter bottles, high temperature resistance bottles and other packaging bottles.

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	ServoPet	ServoPet	ServoPet
		9C0.6L	6C0.6L	4C0.6L
Cavity Pitch	mm	76	76	76
Preform Heating Pitch	mm	76	76	76
No. of Cav.	cav.	9	6	4
Max Container Volume	L	0.6	0.6	0.6
Neck Diameter Range	mm	18-38	18-38	18-38
Max Container Diameter	mm	70	70	70
Max Container Height	mm	240	240	240
Heating Power	BPH	12000	8000	5000
Rated Power	KW	98	80	56
Power consumption	KW	60-70	45-55	30-40
Blowing Pressure	Mpa	2.6-3.2	2.6-3.2	2.6-3.2
Air Consuming	m ³ /min	10	8	6
Size	mm	4930*2110*2500	4200*2050*2500	3300*1800*2100
Weight	kg	8000	5500	4500

Items	unit	ServoPet	ServoPet	ServoPet
		2C0.6L	6C2L	4C2L
Cavity Pitch	mm	76	114	114
Preform Heating Pitch	mm	76	114	114
No. of Cav.	cav.	2	6	4
Max Container Volume	L	0.6	2	2
Neck Diameter Range	mm	18-38	18-38	18-38
Max Container Diameter	mm	70	108	108
Max Container Height	mm	240	320	320
Heating Power	BPH	3000	8000	6000
Rated Power	KW	46	98	80
Power consumption	KW	25-35	60-70	45-55
Blowing Pressure	Mpa	2.6-3.2	2.6-3.2	2.6-3.2
Air Consuming	m ³ /min	4	8	6
Size	mm	3000*1600*2100	4930*2110*2700	4200*2050*2700
Weight	kg	4000	8500	5800