

Fully Automatic Blow Moulding Machine for PET Bottle FG-A4



Features:

- 1). Stable performance with advanced PLC.
- 2). Automatic preform conveyor 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 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). Safe, reliable and unique design of the position of valve to make the pneumatic diagram in the machine easier to understand.
- 11). Low cost, high efficiency, easy operation and maintenance etc, profited from the fully automatic technological process.
- 12). Ideal cooling system make the finished bottles without any flaws.
- 13). Easy for you to install, test and start up.
- 14). Low rejection rate: less than 0.2 percent.

Generally introduction of the FG-A4 blowing machine:

FGA4 Full automatic blow molding machine is suitable for producing PET plastic containers and bottles in all shapes. It is widely used to produce the carbonated bottle, mineral water, pesticide bottle oil bottle cosmetics, wide-mouth bottle and hot fill bottle etc.

Parameter Machine:

Model	Item	FG-A4
Productivity	Depend on the bottle design	3200-4000BPH
Product type	Volumn	Max 2L
	Body diameter	Max 100mm
	Height	Max 310mm
	Neck diameter	Max 38mm
Mould	Cavity	4
	Mould thickness	240mm
	Mould size	510*240*360mm
Main machine power	Rated power	49kw
	Really use power	13kw
	Electrical power	Customer oriented
Machine	Size(L*W*H)	1900*1860*1930mm
	Weight	3000kg
Preform unscrambler	Size(L*W*H)	2000*950*2480mm
	Weight	250kg
Air system	HP air compressor	2.4m3/min, 3Mpa
	LP air compressor	2.0m3/min, 1Mpa
	Air tank	0.6m3, 3Mpa
	Air dryer	2.0m3/min, 3Mpa
Cooling water	Water chiller	3HP