



## *Automatic Bottle Molding Machine*



Technique Parameter of blow molding machine Trait: This 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.

### **Features of main body:**

- 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 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 makes 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.

**Technical Parameters:**

<b>Model</b>	<b>RXGF12-12-6</b>	<b>RXGF16-12-6</b>	<b>RXGF16-16-6</b>	<b>RXGF18-18-6</b>
Production capacity (500ml)(b/h)	2000-3000	3000-4000	5000-6000	6000-7000
Filling precision	±2mm(Liquid Level)			
Polyester bottle standard(mm)	(Bottle Diameter): Φ50-Φ100 (Height): 150-310			
Suitable cap shape	Plastic Screw Cap			
Water pressure of washing bottle(MPa)	0.2-0.25 (MPa)			
Gas source pressure(MPa)	0.6	0.6	0.6	0.6
Gas consumption(M3/min)	0.1	0.1	0.1	0.1
Power(KW)	4.0	4.4	4.4	5.2
Weight(kg)	2200	2500	3000	3500
Dimensions(L×W×H)(mm)	1900*1500*2250	2230*1630*2250	2360*1830*2250	2600*1965*2250