

## Plastic Bottle Blow Molding Machine SGB-series



Pet bottle blowing machine can make you receive fully automatic process with low investment, high efficiency, quick and safe operation, easy for trouble-shooting, maintenance and other benefits. Stable performance with advanced PLC. Automatic preform conveyor to save human cost. Preform self-rotation and infrared pre-heater revolution assure the even distribution of heat, which improve the bottle shaping rate, increase the production. 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. 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.

### Technical parameter:

TIEM	UNIT	SGB-3-1500	SGB-4-1500	SGB-6-1500	SGB-2-5000
Theoretical output	PCS/H	3300	4500	6500	1800
Volume	L	1.5	1.5	1.5	5
Max.height	mm	360	360	360	360
Max.diameter	mm	105	105	105	195
Number of cavities	/	3	4	6	2
Mould plate diminsion	mm	430*360	600*360	820*360	820*360
Mould thickness	mm	190	190	190	280
Mould opening stroke	mm	110	110	110	200
Power		220-380	220-380	220-380	220-380
Total power	kw	18	25	35	25
Heating power	kw	15	22	32	22
Operation Pressure	mpa	0.8-1.0	0.8-1	0.8-1	0.8-1

Action Air Consuming	m <sup>3</sup> /min	>1.6	>1.6	>2	>1.6
Blowing Pressure	Mpa	2.6-3.0	2.6-3.0	2.6-3.0	2.6-3.0
Blowing air consuming	m <sup>3</sup> /min	>2.4	>3.2	>4.8	3.4*1.9*2
Main body dimension	M	2.7*1.45*2.0	3.4*1.9*2	4.4*1.9*2	3.4*1.9*2.1
Main body weight	KG	2000	2600	3200	2600
Preform autoloabe	M	1.6*0.85*2.2	1.6*0.85*2.2	1.6-0.85-2.2	1.6*0.85*2.2
Preform autoloader weight	KG	200	200	200	200