

OGB-4 automatic blowing machine (4 cavities)



OGB series is one kind of two 'step automatic PET bottle blow molding machine, which is suitable for blowing any shape of PET bottles such as carbonated water bottles, water bottles, juice bottles, oil bottles, cosmetic containers, etc.

1. The machine adopts human 'computer interface to control the whole working procedures, auto `loading, auto blowing, auto dropping. Action cylinders are all assembled with magnetic induction switches. Connect with PLC to control every step and test every cylinder. Next action will continue after the former step done, If former step is not finished, alarm automatically and do not work. PLC displays problem position.
2. Fast speed, accurate position, smooth action.
3. According to special demand, adopt cross double crank pressed clamping, with strong clamping force. Mould open stroke can be adjustable according to the bottle size to save the time.
4. Far infrared heater lamps have strong penetrations , performs are heated uniformly while rotating, PLC or electronic pressure adjustor controls each group of temperature separately.
5. Particular preheated design makes perform close while heating. Change space, shorten heating tunnel and reduce energy consumption according to the bottle size while blowing.
6. The air supply system consists of slight blow, high pressure blow, low pressure actions, to supply enough air for different products.
7. Special recycling installation for high pressure air reduce the energy consumption.
8. Operation consists of manual and automatic procedure, manual operation for assembly and test, automatic operation for production.

9. Production workmanship process is fully automatic to make best quality and pollution 'free'.
it holds less investment, high efficiency, easy operation, simple repair, safety etc.

OGB-4 full automatic PET bottle blowing machine
Stable performance with advanced PLC.
Conveying performs automatically with conveyor.
Strong clamping force with high pressure.

Specification

Model	OGB-4
Real production	3600B/H
Max volume	1.5L
Max height	350mm
Max diameter	110mm
Number of cavities	4
Mould plate dimension	L:350mm*H640mm
Mould thickness	180-260mm
Mould opening stroke	180-260mm
Power	220-380V/50-60HZ
Total power	18kw
Heating power	15kw
Operation pressure	0.8-1.0Mpa
Action air consuming	≤1.6m ³ /min
Blowing pressure	≤4.0Mpa
Blowing air consumption	≤3.2m ³ /min
Main body dimension	L:3500*W1450*H2000mm
Main body weight	2600kg
Preform autoloader dimension	L:1600*W850*H2200mm
Preform autoloader weight	200kg