

## *Semi automatic Big Wide Mouth PET Jar Blowing Molding Machine BM-2L-2*



Our Wide Mouth PET Bottle Blowing Machine adopts infrared type heating mode, whose superior thermal-radiation and thermal penetrability provide machine with powerful heating to meet strict preform heating requirement under speedy moving. Infrared heating lamps placed onto three heating zone with 10 sets of independent voltage adjusting module and advanced microcomputer controller, can offer ideal heating for preform in different size. Each lamp's horizontal position is adjustable to keep the machine flexible.

### **Features:**

- A. Stable performance with advanced PLC.
- B. Conveying preforms automatically with conveyor.
- C. Strong penetrability and good and swift distribution of the heat by letting the bottles rotate by itself and revolute in the rails simultaneously in the infrared preheater.
- D. High adjustability to enable the preheater to preheat preforms in shapes by adjusting the light tube and the length of the reflecting board in the preheating area, and eternal temperature in the preheater with an automatic thermostatic apparatus.
- E. High safeties with security automatic-locking apparatus in each mechanical action, which will make the procedures turn into a state of safety in case of a breakdown in certain procedure.
- F. No contamination and low noise with the air cylinder to drive the action instead of the oil pump.
- G. 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.
- H. Strong clamping force with high pressure and double crank links to lock the mold.
- I. Two ways of operating: automatic and manual.

J. Safe, reliable, and unique design of the position of valve to make the air pressure diagram of the machine easier to understand.

K. Low cost, high efficiency, easy operation, easy maintenance, etc, with automatic technological process.

L. Contamination is avoided for the bottle body.

M. Ideal effect of the chilling with the chilling system.

N. Easy installation and starting

O. Low rejection rate: less than 0.3percent.

### Technical Parameters:

	Item	BM-2L-2
Bottle type specification	Cavity	2
	Theory output	1500-2200
	Max.volume	2L
	Bottle mouth maximum overall diameter	80mm
	Bottle biggest diameter	100mm
	Bottle maximum height	330mm
Power specifications	Light tube quantity	32pcs
	Light tube power	0.75KW
	Maximum heating power	24KW
	All electric machine installation	27KW
	Actual consumption	7-9kg/cm <sup>2</sup>
	Blow bottle pressure	1000L/min
	Higher -pressure gas consumption	25-35kg/cm <sup>2</sup>
Forzen water specification	Work pressure	1500Ltr/min
	Temperature range	5-6 kg/cm <sup>2</sup>
	Consumption	10°C
	Forzen water flow	5000kcal/hr
Machine specification	Size of the machine	30L/min
	Weight of the machine	3.5x1.6x1.7