

## *Automatic Blow Molding Machines/ For 5L, 20L Blowing PB1/2/4*



### **Main Features:**

1. Optimized 5-point double-toggle device for high clamping force and fast speed.
2. With pre-blowing and proper blowing technology, easy to produce quality bottles.
3. Layered heating with frequency converter and PLC for equal heating, auto controlled blower offers good production condition.
4. Self-diagnosis programmed MITSUBISHI controller and alarm system keeps users informed through the touch LCD monitor.
5. Brand pneumatic parts with optimized design for reliable performance.
6. Safety devices/locks, protector, warning signs, automatic self-diagnosis alarm system, etc are equipped.
7. Movement parts are oiled with automatic lubrication system with reasonable design.
8. Machine molds are with standard design with same height, for quick and easy changing, less adjustment and precision fitness.

**Technical Data:**

Model			PB1-5L	PB2-5L	PB4-5L
Output	Theoretical production capacity	BPH <sup>1</sup>	800	1500	3000
	Number of mold cavity		1	2	4
Bottle	Maximum bottle volume	Liter	2	2	2
	Max. neck Range (diameter)	mm	42	42	42
	Maximum bottle diameter	mm	180	180	160
	Maximum bottle height	mm	350	350	350
Power	Rate power consumption	KW <sup>2</sup>	50	63	75
	Heating power	KW <sup>2</sup>	30	60	70
Compressed air	Operating pressure	bar	7	7	7
	Operating air consumption	m <sup>3</sup> /min	1.4	1.6	1.6
	Blowing pressure	bar	30-50	30-50	30-50
	Blowing air consumption <sup>2</sup>	m <sup>3</sup> /min	2	4	6
Cooling water	Cooling water pressure	bar	3-5	3-5	3-5
	Cooling water temperature	°C	10-12	10-12	10-12
	Water flow	L/min	60	30	60
Machine	Measurement(LxWxH)	m	2.7x1.8x2.1	3.2x2.2x2.3	4.0x2.0x2.1
	Weight	KG	2800	3500	5000