



5L PET Bottle Automatic Blowing Machine BM-A2-5



Features

1. Stable performance with Advanced PLC
2. Conveying performs automatically with conveyor.
3. 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.
4. High adjustability to enable the preheater to preheat performs 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.
5. Optimization of the oven, suction and convulsion devices, cool the preform surface. Waterway, air duct directly through the device, double protect the screw neck
6. Each mechanical action has safety self-locking device, when a process fails, the program will automatically switch to the security status.
7. Servo device for the material transfer and bottle perform distribution, fast, reliable, and high stability.
8. Using high pressure and hyperbolic arm connecting rod clamping, strong clamping force, speed and distance of clamp open are adjustable.
9. Safe, reliable, and unique design of the position of valve to make the air pressure diagram of the machine easier to understand.
10. Along with remote maintenance systems, remote inspection maintenance, solve the troubles for you.
11. Low rejection rete: less than 0.5 percent.

Technical Parameters

item	BM-A2-5	
Bottle type specification	cavity	1
	output (PCS/HR)	1200-1500
	Max. volume (L)	5L
	Bottle mouth maximum overall diameter (mm)	150mm

	Bottle biggest diameter	180mm
	Bottle maximum height	400mm
Power specifications	Light tube quantity	32pcs
	Light tube power	1.5kw
	Maximum heating power	48kw
	All electric machine installation	51kw
Air pressure specification	Work pressure	7-9kg/cm ²
	Low-pressure gas consumption	1600Ltr/min
	Blow bottle pressure	25-35kg/cm ²
	Higher -pressure gas consumption	3400Ltr/min
Frozen water specification	Work pressure	5-6 kg/cm ²
	Temperature range	10°C
	Consumption	6000kcal/hr
	Frozen water flow	50Ltr/min
Machine specification	Size of the machine	4.7x1.6x1.9 (m)
	Weight of the machine	3.0ton