

## *Fully Automatic Pet/Plastic Bottle Blowing Moulding Machine HM-series*



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### **Features of main body:**

- 1) Stable performance with advanced PLC.
- 2) Automatic preform conveyer to save human cost.
- 3) Preform self-rotation and infrared pre-heater revolution assure the even distribution of heat, which improve the bottle shaping rate, increase the production.
- 4) 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.
- 5) 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.
- 6) Introduce the FESTO air cylinder to avoid contamination and noise.
- 7) 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.
- 8) Strong clamping force with high pressure and double crank links to lock the mould.
- 9) Two ways of operating: automatic and manual.
- 10) Low cost, high efficiency, easy operation and maintenance etc, profited from the fully automatic technological process.
- 12) Ideal cooling system makes the finished bottles without any flaws.

**Technical Parameters:**

<b>Model</b>	<b>HM-A2</b>	<b>HM-A4</b>	<b>HM-A6</b>	<b>HM-A8</b>
Capacity(500ml/bottle/h)	1800-2500	3200-4000	5500-6000	7600-8000
Max volume(L)	2L	2L	2L	1.5L
Max neck diameter(mm)	45mm	45mm	45mm	45mm
Max bottle diameter(mm)	100	100	90	76
Cavity	2	4	6	8
Total power(kw)	25	45	60	86
Operation power(kw)	12	25	45	65
Working pressure(Mpa)	1.0Mpa	1.0Mpa	1.0Mpa	1.0Mpa
Low pressure consuming(L/min)	1000	1600	1600	1800
Blowing pressure(Mpa)	≤3.0Mpa	≤3.0Mpa	≤3.5Mpa	≤3.5Mpa
High pressure consuming(L/min)	1200	2400	3600	4200
Machine size(mm)	1900*1350*2000	2200*1800*2000	4100*2000*2000	6900*2100*2000
Machine weight(kg)	220	250	320	390