



## *Hand Feeding PET Bottle Blowing Machine AL-2000SW*



Hand feeding PET Bottle Blowing Machine is a type of machine between semi-automatic and fully automatic machines. Only need worker to feed preform, the machine action of blowing and bottle dropping are fully automatic. Suitable for the neck from 38mm to 120mm.

### **Feature**

- Adopt human-computer interface to control the whole working procedures, auto-loading, auto dropping. Action cylinders are all assembled with magnetic induction switches. Connect with PLC to control every step.
- Fast speed, accurate position, smooth action.
- According to special demand, adopt cross double crank pressed clamping, with strong clamping force. Mould opening stroke can be adjustable according to the bottle size to save the time.
- Far infrared heater lamps have strong penetrations, preforms are heated uniformly while rotating, PLC or electronic pressure adjustor control each groups of temperature separately.
- The air supply system consists of slight blow, high pressure blow, low pressure actions to supply enough air for different products.
- Operation consists of manual and automatic procedure, manual operation for assembly and test, automatic operation for production.

**Technical Parameter:**

	<b>Model</b>	<b>UNIT</b>	<b>AL-2000SW</b>	<b>AL-2000MW</b>	<b>AL-1000W</b>
<b>CONTAINER</b>	Max. Capacity	L	2.0	1.5	7
	Max. Neck Diameter	mm	38	63	120
	Max. Body Diameter	mm	105	95	200
	Max. Bottle Height	mm	320	335	335
	Number of Cavity	PC	2	2	1
	Theoretical Output	B.P.H	2000	1800	800
<b>ELECTRICAL</b>	Installed Power	KW	37	63	63
	Max. Heating Power	KW	34	60	60
<b>AIR SYSTEM</b>	Operating Pressure	MPA	0.7	0.7	0.7
	Low Pressure Air Consuming	L/Min	1400	1400	1800
	Blowing Pressure	Bar	44319	44319	44318
	High Pressure consuming	L/Min	2000-3000	2500-3500	1500-3000
<b>WATER CHILLER</b>	Pressure	Mpa	0.3-0.5	0.3-0.5	0.3-0.5
	Temperature Range	°C	44540	44540	44540
	Flow Rate	L/Min	60	60	60
	Cooling capacity	HP	5	5	5
<b>MACHINE DIMENSION</b>	Size(L*W*H)	M	2.7*1.78*2.03	3.45*2.23*2.03	3*2.2*2.2
	Weight	KG	3000	3500	3000