



## ***WBS-1-20 Blow Molding Machine***



WBS-1-20 Semi-automatic 19L blow molding machine blows PET bottle from 10L-20L, neck size from 45mm-200mm.

### **Feature**

- Adopt Special electronic controlling circuit heating; high efficiency in simultaneous controlling one lamp or more; low power consumption.
- Adopt the theory of heat transfer and feedback while designing the shape and thickness of preform.
- The preform will be heated evenly by this 5gallon blow molding machine, not be influenced by outside environment.
- Cooling system with cold air cycle ensures same heat exposure of internal and external surfaces of the bottles.
- The air exhaust system designed by CAD can guarantee the deviation of heating furnace temperature $\pm$ 1 degree.
- Air circuit system consists of movement and blowing so as to meet the needs of different air pressure, also to provide stable high pressure for blowing different shapes of big capacity bottles.
- The system is equipped with silencer, connecting rod and articulated refueling devices.
- Two modes of operation: semi-automatic mode and automatic mode.
- Small size, low investment, one person enough to operate, simple and safe.

## Technical Parameter

ITEM		UNIT	WBS-1-20
PRODUCT	Theoretical output	Pcs/hr	90
	Max. Volume	L	20
	Max. Height	MM	550
	Max. Diameter	MM	300
MOLDING	Number of Cavities	/	1
	Mould Plate Dimension(L*H)	MM	600*630
	Mould Thickness	MM	400
	Mould Opening Stroke	MM	340
ELECTRICAL	Power		220-380V/50-60HZ
	Total Power	KW	36
	Heating Power	KW	37
MACHINE	Main Body Dimension(L*W*H)	M	2.2×0.8×2.05
	Main Body Weight	KG	900
	Pre-heater(L*W*H)	M	2.8×0.70×1.6
	Pre-heater Weight	KG	400