



## ***WB series PET Stretch Blow Molding Machine***



WB series is a two-step PET stretching blow molding machine with full servo motor drive (clamping servo, stretching servo, transfer preform servo, separating preform servo). Also with the advantage of fast speed, converse energy, pressure air recycle, less floor space. Suitable for mineral water bottle, gas bottle, juice bottle, oil bottle, medical bottle and so on. It has 4/5/6/7/8/9/10 cavity, the production from 5500-15000pcs/hr.

### **Feature**

#### **Feeding system**

- Continuous and high speed preform feeding system.
- Multiple protection device for precise preform feeding.

#### **Transfer and heating system**

- Horizontal rotation transfer system to eliminate preform flipping.
- Compact preform-chain base design for efficient heating and reduce energy consumption
- Optimized exhausting and preform surface cooling system.
- Infrared heat sensor for preform temperature monitoring
- Heating tunnel can inverse when changing the lamps

## Transfer and taking preform system

- Servo motor drive preforms transfer system for quick transfer and precise preform locating.

## Blowing and clamping system

- Servo motor drive system with synchronized base blow mold for fast response operation.
- Precision electromagnetic valves for fast responding time and high production.

## Control system

- Touch panel control system for simple operation.
- 10 inch touch screen with 64K colors.

## Others

- All electric mechanism to ensure high-speed operation and precise locating.
- With quick mould change design.
- Low energy consumption, low wear, low pollution.

## Technical Paramater

	ITEM	UNIT	WB-4	WB-5	WB-6	WB-7
CONTAINER	Number of Cavities	PCS/HR	4	5	6	7
	Max.Capacity	L	2	1.5	2	1.5
	Max.Neck Diameter	mm	30	30	30	30
	Max.Body Diameter	mm	105	90	105	90
	Max.Bottle Height	mm	350	350	350	350
	Theoretical Output	B.P.H	5500	6300	8000	10000
MOLDING	Spindle Chain Pitch	mm	38.1	38.1	38.1	38.1
	Cavity Pitch	mm	120	100	115	100
	Max.heating Power	KW	42	34	84	68
ELECTRICAL	Motor Power	KW	9+2.5	9+2.5	11+4.5	11+4.5
POWER	Total Power	KW	54	46	99	84
	Voltage/Frequency	V/HZ	380V±10% 50HZ/220V±10% 60HZ			
AIR SYSTEM	Blowing Pressure	Bar	35	35	35	35
	High Pressure Consuming	L/min	8500	8500	12000	12000
	Operating Pressure	Bar	3-5	3-5	3-5	3-5
HEATER	Temperature Range	°C	10-12	10-12	10-12	10-12
COOLING	Flow Rate	L/min	50	50	50	50
WATER	Cooling Capacity	HP	5	5	5	5
MACHINE	Size(L*W*H)	M	3.6*1.3*2.3	3.6*1.3*2.3	4.9*1.3*2.3	4.9*1.3*2.3
	Weight	KG	4000	4000	5000	5000

ITEM		UNIT	WB-8	WB-9	WB-10S
CONTAINER	Number of Cavities	PCS/HR	8	9	10
	Max.Capacity	L	2	1.5	0.75
	Max.Neck Diameter	mm	30	30	30
	Max.Body Diameter	mm	105	90	70
	Max.Bottle Height	mm	350	350	280
	Theoretical Output	B.P.H	11000	12500	15000
MOLDING	Spindle Chain Pitch	mm	38.1	38.1	38.1
	Cavity Pitch	mm	115	100	80
	Max.heating Power	KW	84	84	68
ELECTRICAL	Motor Power	KW	13+5	13+5	13+5
POWER	Total Power	KW	102	102	86
	Voltage/Frequency	V/HZ	380V±10% 50HZ/220V±10% 60HZ		
AIR SYSTEM	Blowing Pressure	Bar	35	35	35
	High Pressure Consuming	L/min	17000	17000	8200
	Operating Pressure	Bar	3-5	3-5	3-5
HEATER	Temperature Range	°C	10-12	10-12	10-12
COOLING	Flow Rate	L/min	50	50	50
WATER	Cooling Capacity	HP	5	5	5
MACHINE	Size(L*W*H)	M	5.6*1.3*2.3	5.6*1.3*2.3	5.6*1.3*2.3
	Weight	KG	6000	6000	6000