

## *WBB Series Automatic PET Blowing Machine*



WBB series is one kind of two-step automatic PET blowing machine. This type of automatic PET blowing machine has 3 cavity and 4 cavity, which is suitable for blowing any shape of PET bottles, such as carbonated bottles, water bottles, juice bottles, oil bottles, etc.

### **Feature**

- Adopt human-computer interface to control the whole working procedures, auto-loading, auto blowing, auto dropping. Action cylinders are all assembled with magnetic conduction switches. Connect with PLC to control every step and test every cylinder. Next action will continue after the former step done. If former step is not finished, alarm automatically and do not work. PLC displays problem position.
- Fast Speed, accurate position, smooth action.
- According to special demand, adopt cross double crank pressed clamping, with strong clamping force. Mould open stroke can be adjustable according to the bottle size to save time.
- Far infrared heater lamps have strong penetrations, preform are heated uniformly while rotating, PLC or electronic pressure adjustor controls each group temperature separately.
- Particular pre-heater design makes preform close while heating. Change space, shorten heating tunnel and reduce energy consumption according to the bottle size while blowing.
- The air supply system consists of slight blow, high pressure blow, low pressure actions, to supply enough air for different products.
- Connecting rod automatic lubrication oil device protects the machine well.
- Production workmanship process is fully automatic to make best quality and pollution-free. It holds less investment, high efficiency, easy operation, simple repair, safety etc.

## Technical Parameter

| ITEM       |                            | UNIT                | WBB-3            | WBB-4            |
|------------|----------------------------|---------------------|------------------|------------------|
| PRODUCT    | Theoretical output         | Pcs/hr              | 3300             | 4500             |
|            | Max. Volume                | L                   | 1.5              | 1.5              |
|            | Max. Height                | MM                  | 360              | 360              |
|            | Max. Diameter              | MM                  | 105              | 105              |
| MOLDING    | Number of Cavities         | /                   | 3                | 4                |
|            | Mould Plate Dimension(L×H) | MM                  | 430×360          | 600×360          |
|            | Mould Thickness            | MM                  | 188              | 188              |
|            | Mould Opening Stroke       | MM                  | 110              | 110              |
| ELECTRICAL | Power                      |                     | 220-380V/50-60HZ | 220-380V/50-60HZ |
|            | Total Power                | KW                  | 18               | 25               |
|            | Heating Power              | KW                  | 15               | 22               |
| AIR SYSTEM | Operation Pressure         | Mpa                 | 0.8-1.0          | 0.8-1.0          |
|            | Action Air Consuming       | M <sup>3</sup> /min | ≥1.6             | ≥1.6             |
|            | Blowing Pressure           | MPA                 | 2.6-4.0          | 2.6-4.0          |
|            | Blowing Air Consuming      | M <sup>3</sup> /min | ≥2.4             | ≥3.2             |
| MACHINE    | Main Body Dimension(L×W×H) | M                   | 2.7×1.45×2.5     | 3.4×1.9×2.5      |
|            | Main Body Weight           | KG                  | 2000             | 2600             |
|            | Preform Autoloader (L×W×H) | M                   | 1.9×1.9×2.2      | 1.9×1.9×2.2      |
|            | Preform Autoloader Weight  | KG                  | 200              | 200              |