

## 产品介绍

Production Profiles

EB100C  
EB270C

系列 SERIES

## 高速双工位挤出吹瓶机

HIGH SPEED DOUBLE STATION BLOW MOLDING MACHINE



### 产品特点

- 低重心锁模结构，直线导轨承载模板开合模以及直线导轨承载摆架平移，达至低摩擦、高速度。
- 以有限元技术分析设计，以球墨铸铁精密铸造模板及移模架，钢制曲臂。
- 高速锁模油缸带差动倍速功能，高速移模油缸配合专用抗冲击缓冲阀结构，可选选用伺服电机移模。
- 大长径比高效混炼螺杆，确保塑化均匀，挤出稳定；高精度无熔合线模头，可选配单模头或多模头，满足高质量产品要求。
- 可选配多螺杆多层模头设计，提高制品性能、质量，降低原料成本。
- 名牌大扭矩矢量型变频器配合挤出专用硬齿面减速机，传动平稳、噪音低，可靠耐用。
- 名牌液压件，比例阀控制，电脑参数设定，运行平稳，定位准确，无冲击。
- 气动元件选用德国、日本等世界一流品牌原装器件，确保动作精准可靠，通流量大，泄漏量小。
- 定制名牌厂家吹瓶专用电脑，参数设置高度人性化，易掌握、易操作。
- 法国施耐德非接触传感器及开关电器，可靠性高，发热量低，使用寿命长。
- 多路PID加热温度控制，加热控制准确、稳定。
- 可选装伺服壁厚控制器，提高产品档次，降低生产成本。
- 可选配自动打水料、自动旋切瓶口、锣口机等多种自动后处理装置，实现生产过程高度自动化。
- 可选配德国倍福等专业吹塑控制电脑。

### Product Features

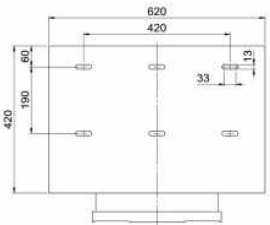
- Low center of gravity mode locking structure, with platen opening & clamping and mold platen movement by linear guide, to achieve low friction and high speed.
- Analysis and design by finite element technology, with ductile iron precision casting template and mold shifting frame, steel bend arm.
- High speed mold clamping oil cylinder with differential speed function, and high speed mold moving cylinder with special anti-shock cushion valve structure, optional use of servo motor shifting.
- Specially designed screw with high L/D ratio insures good plasticizing and stable extrusion; high precision and no part line die head guarantees customers' top-quality requirement.
- Multi-screw & multi-die head can be adopted to improve the quality of the product and lower down the cost of material.
- Famous brand of vector inverter in high pulling torque, complied with special extrusion hardened reducer, can operate in stable, durable, and low noise state.
- Brand-name hydraulic parts, control are set by PLC, which ensures the stable operation; ensuring precise position and non-striking.
- Parts of pneumatic system are imported from Germany, Japan etc, which are top brands in the world. These make sure the operation of machine reliably and accurately; the air circulation is large while the leakage is very small.
- Brand-name computer special for blow molding machine, parameter settings easy to learn, easy to operate.
- Schneider (France) touchless sensors and switches are adopted, which are dependable and in low heat, & prolonged life.
- Multiple-way PID controlled temperature heating is precise and stable.
- Parison controller is optional to reach high quality products and reduce cost.
- Fully automatic operation can be achieved by optional equipments like auto-deflashing, rotary trimming device, or separated rotary trimming equipment.
- German Beckhoff controller are all for optional choices.

## 参数表 Technical Parameter

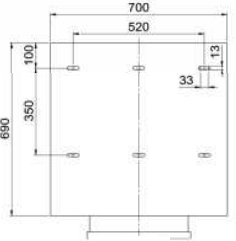
| 机型           | Model                    | 单位Unit              | EB100C90       | EB100C100 | EB270C110<br>EB270CW110 | EB270C120<br>EB270CW120 |
|--------------|--------------------------|---------------------|----------------|-----------|-------------------------|-------------------------|
| 最大制品容量       | Max.Product              | L                   | 12             |           | 30                      |                         |
| 锁模力          | Clamping Force           | KN                  | 240            |           | 350                     |                         |
| 摆架行程         | Carriage Stroke          | MM                  | 750            |           | 800                     |                         |
|              |                          |                     |                |           | 900                     |                         |
| 最大模具尺寸 (宽x高) | Max. Mold Size(WXH)      | MM                  | 720x460        |           | 700x690                 |                         |
|              |                          |                     |                |           | 850x500                 |                         |
| 螺杆直径         | Screw Dia.               | MM                  | Φ90            | Φ100      | Φ110                    | Φ120                    |
| 螺杆长径比        | Screw L/D Ratio          | L/D                 | 25             | 24        | 28                      | 28                      |
| 螺杆最高转速       | Screw Rotary Speed       | RPM                 | 70             | 70        | 70                      | 70                      |
| HDPE挤料量      | Extrusion Weight(HDPE)   | KG/H                | 150            | 180       | 210                     | 260                     |
| 挤出电功率        | Extrusion Motor Power    | KW                  | 37             | 55        | 75                      | 90                      |
| 油泵电机功率       | Pump Motor Power         | KW                  | 22             |           | 22                      |                         |
| 加热功率         | Heating Capacity         | KW                  | 27             | 30        | 32                      | 35                      |
| 操作气压         | Operation Pressure       | MPA                 |                |           | 0.6-0.8                 |                         |
| 耗气量          | Air Consumption          | M <sup>3</sup> /MIN |                |           | 4                       |                         |
| 冷却水用量25℃     | Chiled Water Consumption | L/MIN               |                |           | 300                     |                         |
| 油箱容量         | Oil Tank Capacity        | L                   | 180            |           | 210                     |                         |
| 机台尺寸 (长x宽x高) | Machine Dimension        | MM                  | 5200x4600x3100 |           | 6100x5200x3500          |                         |
| 理论机重         | Machine Weight           | KG                  | 11600          | 12000     | 18500                   | 19000                   |

本公司根据产品提升的需要，可对技术参数、部份元件配置及服务内容进行更改，恕不另行通知。  
According to upgrading of machine, we will change technical parameters, configuration of some parts and service's items without further notice.

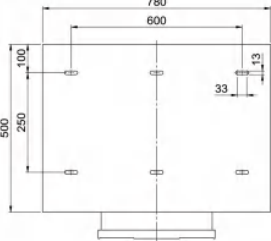
## 模架尺寸及适应瓶型(mm) Mold Platen Size & Product Specification(mm)



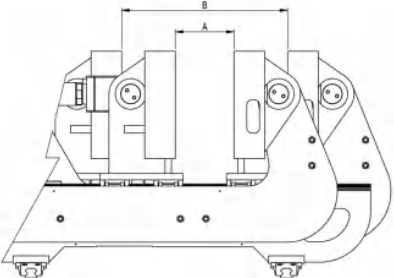
EB100C



EB270C



EB270CW



| 机型Model | A   | B   | H   | I2  | I3  | I4  |
|---------|-----|-----|-----|-----|-----|-----|
| EB100C  | 230 | 650 | 360 | 300 | 200 | 160 |
| EB270C  | 400 | 900 | 470 | 350 |     |     |
| EB270CW | 400 | 750 | 350 |     | 250 | 200 |