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苏州星贝尔中空成型设备有限公司

地址: 江苏省张家港市经济技术开发区北二环路318号

电话: 0512-5818 8211 5818 1665

传真: 0512-5818 8210

邮编: 215600

邮箱: sales@jsbestar.com info@jsbestar.com

Suzhou Bestar Blow Molding Machinery Co., Ltd

Add: No.318 North 2nd ring road, Economic development zone, Zhangjiagang, Jiangsu province, China

Tel: +86-512-5818 8211 5818 1665

Fax: +86-512-5818 8210

P.C.: 215600

Email: sales@jsbestar.com info@jsbestar.com



Blow You a Bright Future



website



THE LEADER OF CHINESE BLOW MOLDING INDUSTRY

中国高端吹塑机行业领跑者



BESTAR BLOW MOLDING MACHINERY

星贝尔中空成型设备



BESTAR BLOW MOLDING MACHINERY

Bestar Blow Molding Machinery Co.,Ltd and Beier Machinery share common ownership. The group focuses on manufacture high end and fully automatic blow molding machinery. Bestar utilises European blow molding technology quintessence and provides customers high efficiency, innovative, energy saving blow molding machinery solutions.

Bestar has gained huge trust from international customers based on providing high quality blow molding machines and perfect aftersales service.

Bestar blow molding machines have been delivered to North America, Poland, Mexico, Colombia, Peru, Argentina, Chile, Indonesia, Malaysia, Vietnam, Bangladesh, Saudi Arabia, South Africa, Egypt, Ghana, Tanzania, Ethiopia and so on.

Bestar management "to take quality as a core principal, honesty and customer first, and create mutual benefits" we wish to share benefits, mutual cooperation and prosperity with domestic and international customers.

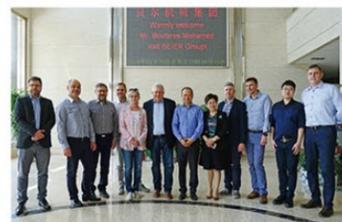
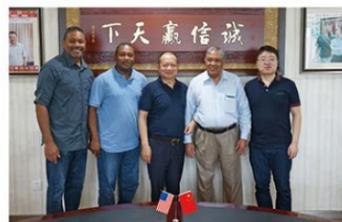


Company Profile 企业介绍

苏州星贝尔中空成型设备有限公司是江苏贝尔机械集团全资子公司，致力于高端智能全自动吹塑设备的研发和制造。公司吸收欧洲先进吹塑技术的精髓，依托在中欧共同建立的强大研发团队为基础，同时凭借先进的技术、科学的管理以及优秀的员工为塑料包装行业和中空吹塑制品行业提供创新、高效、节能的定制解决方案。

星贝尔凭借优良的产品品质和完善的售后服务赢得了海内外众多客户的信赖，产品已远销美国、波兰、墨西哥、哥伦比亚、秘鲁、阿根廷、智利、印度尼西亚、越南、孟加拉、沙特、阿联酋、南非、埃及、加纳、尼日利亚、坦桑尼亚和埃塞俄比亚等国家和地区。

星贝尔公司的经营宗旨--“质为本、诚为信、创双赢”，我们以企业的产品质量为立足之本，诚信经营为发展之道，愿与海内外广大客户精诚合作、利益共享，同发展、共繁荣！



We will provide professional solution according to your needs up to CoEx 6-layer

星贝尔将依据您的需求提供多至6层的专业解决方案



| 设备型号 | Machine Type | B5D-380 | B10D-480 | B15D-560 | B20D-750 | B20D-900 | B20D-1150 | B25D-750 | B30D-900 |
|---|-----------------------|---------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| 合模力 | Clamping force | 50kN | 100kN | 160kN | 200kN | 340kN | 340kN | 250kN | 340kN |
| 液压驱动功率 | Drive power hydraulic | 18.5kW | 18.5kW+7.5kW | | 27kW+11kW | | | 27kW+11kW | |
| 移模行程 | Carriage stroke | 380mm | 480mm | 560mm | 750mm | 900mm | 1150mm | 750mm | 900mm |
| 空循环时间 | Dry cycle time | 2.8s | 3s | 3.2s | 3.6s | 4s | 4.5s | 5s | 5s |
| 模具尺寸 | Mold specification | 宽度W _{max} 370mm | 宽度W _{max} 470mm | 宽度W _{max} 550mm | 宽度W _{max} 740mm | 宽度W _{max} 890mm | 宽度W _{max} 1140mm | 宽度W _{max} 740mm | 宽度W _{max} 890mm |
| | | 高度H _{max} 380mm | 高度H _{max} 400mm | 高度H _{max} 500mm | 高度H _{max} 500mm | 高度H _{max} 500mm | 高度H _{max} 500mm | 高度H _{max} 700mm | 高度H _{max} 600mm |
| | | 厚度T _{min} 2X90mm | 厚度T _{min} 2X120mm | 厚度T _{min} 2X120mm | 厚度T _{min} 2X140mm | 厚度T _{min} 2X140mm | 厚度T _{min} 2X140mm | 厚度T _{min} 2X250mm | 厚度T _{min} 2X180mm |
| 压缩空气耗量 | Air consumption | 60m ³ /h | 90m ³ /h | 120m ³ /h | 150m ³ /h | 150m ³ /h | 180m ³ /h | 150m ³ /h | 180m ³ /h |
| 典型配置 | Typical configuration | Volume Cavities | Volume Cavities | Volume Cavities | Volume Cavities | Volume Cavities | Volume Cavities | Volume Cavities | Volume Cavities |
| 星贝尔将依据您的需求提供最优方案 We will provide optimal solution according to your needs 所有机型都可配模内贴标 Any machine type can be fitted with in-mold labeling | | 50ml 4+4 | 100ml 6+6 | 500ml 5+5 | 500ml 6+6 | 500ml 10+10 | 500ml 12+12 | 10L 1+1 | 7L 2+2 |
| | | 100ml 3+3 | 500ml 4+4 | 1L 4+4 | 1L 5+5 | 1L 6+6 | 1L 8+8 | 15L 1+1 | 10L 2+2 |
| | | 500ml 3+3 | 1L 3+3 | 3L 2+2 | 2L 4+4 | 2L 4+4 | 2L 6+6 | 20L 1+1 | 12L 2+2 |
| | | 1L 2+2 | 1.5L 2+2 | 5L 1+1 | 4L 3+3 | 4L 3+3 | 4L 4+4 | 25L 1+1 | 15L 2+2 |
| | | 2L 1+1 | 5L 1+1 | 10L 1+1 | 6L 2+2 | 5L 3+3 | 5L 4+4 | 30L 1+1 | 20L 2+2 |
| | | | | 10L 2+2 | 10L 2+2 | 6L 4+4 | | | |

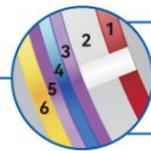
Pesticide Packaging
农药包装

Classic Case — 5-10 Liter CoEx-6 High Barrier Agrochemical Jerry Can

经典案例—5~10升6层高阻隔农药桶



- 6层高阻隔
- 模内贴标
- 双工位、双腔
- 带液位线
- CoEx 6-layer
- Double Station, 2-fold
- With In-mold Labeling
- With Viewstripe



- CoEx 6
1. Outer Layer-Virgin & Color
 2. Regrind Layer-Virgin & Regrind
 3. Tie Layer-Adhesive
 4. Barrier Layer (EVOH)
 5. Tie Layer-Adhesive
 6. Inner Layer-Virgin

CoEx6 with viewstripe

| 制品 | Article | 5升6层高阻隔农药桶 | 5L 6-Layer CoEx High Barrier Agrochemical Jerry Can |
|------|-------------------------|------------|---|
| 模头 | Diehead | 2模头 | 2-Fold Extrusion Head |
| 层数 | Layer | 6层 | CoEx 6-layer |
| 工位类型 | Double/Single Stations | 双工位 | Double Station |
| 净重 | Net Weight | 280 ± 3g | 280 ± 3g |
| 生产循环 | Cycle Time | 36秒 | 36 seconds |
| 制品产量 | Article Output Per Hour | 400个/小时 | 400 pcs/hour |
| 机型 | Machine Type | B25D-750 | B25D-750 |



Classic Case — 1 Liter CoEx-4 Pesticide Bottle

经典案例—1升4层农药瓶

Pesticide Packaging
农药包装



| 制品 | Article | 1升4层农药瓶 | 1 Liter CoEx-4 Pesticide Bottle |
|------|-------------------------|----------|---------------------------------|
| 模头 | Diehead | 4模头 | 4-Fold Extrusion Head |
| 层数 | Layer | 4层 | CoEx 4-layer |
| 工位类型 | Double/Single Stations | 双工位 | Double Station |
| 净重 | Net Weight | 120 ± 3g | 120 ± 3g |
| 生产循环 | Cycle Time | 40秒 | 40 seconds |
| 制品产量 | Article Output Per Hour | 720个/小时 | 720 pcs/hour |
| 机型 | Machine Type | B15D-560 | B15D-560 |

Daily Chemical Packaging
日化洗涤包装

**Classic Case —
750ml ReCo 3-layer Shampoo Bottle**
经典案例—750毫升3层洗发水瓶



| 制品 | Article | 750ml三层瓶 | 750ml ReCo 3-layer Bottle |
|------|-------------------------|----------|---------------------------|
| 模头 | Diehead | 6模头 | 6-Fold Extrusion Head |
| 层数 | Layer | 3层 | ReCo 3-layer |
| 工位类型 | Double/Single Stations | 双工位 | Double Station |
| 净重 | Net Weight | 43 ± 1g | 43 ± 1g |
| 生产循环 | Cycle Time | 16秒 | 16 seconds |
| 制品产量 | Article Output Per Hour | 2700个/小时 | 2700 pcs/hour |
| 机型 | Machine Type | B15D-560 | B15D-560 |



**Classic Case —
500ml Deco 2-layer Inclined Neck Bottle**
经典案例—500毫升双层斜口瓶



| 制品 | Article | 500毫升斜口瓶 | 500ml Inclined Neck Bottle |
|------|-------------------------|-----------|----------------------------|
| 模头 | Diehead | 6模头 | 6-Fold Extrusion Head |
| 层数 | Layer | 2层 | Deco 2-Layer |
| 工位类型 | Double/Single Stations | 双工位 | Double Station |
| 净重 | Net Weight | 53 ± 1.5g | 53 ± 1.5g |
| 生产循环 | Cycle Time | 18秒 | 18 seconds |
| 制品产量 | Article Output Per Hour | 2400个/小时 | 2400 pcs/hour |
| 机型 | Machine Type | B20D-1050 | B20D-1050 |

Lubricant Packaging
润滑油包装

**Classic Case —
5 Liters ReCo 3-layer Jerry Can**
经典案例—5升3层机油壶



| 制品 | Article | 5升机油壶 | 5L Jerry Can Bottle |
|------|-------------------------|----------|-----------------------|
| 模头 | Diehead | 3模头 | 3-Fold Extrusion Head |
| 层数 | Layer | 3层 | ReCo 3-layer |
| 工位类型 | Double/Single Stations | 双工位 | Double Station |
| 净重 | Net Weight | 225 ± 3g | 225 ± 3g |
| 生产循环 | Cycle Time | 25秒 | 25 seconds |
| 制品产量 | Article Output Per Hour | 864个/小时 | 864 pcs/hour |
| 机型 | Machine Type | B20D-900 | B20D-900 |



| 制品 | Article | 1升3层机油壶 | 1 Liter ReCo 3-layer Jerry Can |
|------|-------------------------|-----------|--------------------------------|
| 模头 | Diehead | 6模头 | 6-Fold Extrusion Head |
| 层数 | Layer | 3层 | ReCo 3-layer |
| 工位类型 | Double/Single Stations | 双工位 | Double Station |
| 净重 | Net Weight | 65 ± 1.5g | 65 ± 1.5g |
| 生产循环 | Cycle Time | 16秒 | 16 seconds |
| 制品产量 | Article Output Per Hour | 2700个/小时 | 2700 pcs/hour |
| 机型 | Machine Type | B20D-1050 | B20D-1050 |

Lubricant Packaging
润滑油包装

**Classic Case —
1 Liter ReCo 3-layer Jerry Can**
经典案例—1升3层机油壶

Pharmaceutical Packaging
医药包装

**Classic Case —
12 Liters ReCo 3-layer Dialysate Barrel**
经典案例—12升3层透析液桶



| 制品 | Article | 12升堆码桶 | 12L Stackable Container |
|------|-------------------------|----------|-------------------------|
| 模头 | Diehead | 2模头 | 2-Fold Extrusion Head |
| 层数 | Layer | 3层 | ReCo 3-layer |
| 工位类型 | Double/Single Stations | 双工位 | Double Station |
| 净重 | Net Weight | 530 ± 5g | 530 ± 5g |
| 生产循环 | Cycle Time | 36秒 | 36 seconds |
| 制品产量 | Article Output Per Hour | 400个/小时 | 400 pcs/hour |
| 机型 | Machine Type | B25D-750 | B25D-750 |



Pharmaceutical Packaging
医药包装

**Classic Case —
6 Liters ReCo 3-layer Dialysate Barrel**
经典案例—6升3层透析液桶



| 制品 | Article | 6升堆码桶 | 6L Stackable Container |
|------|-------------------------|----------|------------------------|
| 模头 | Diehead | 3模头 | 3-Fold Extrusion Head |
| 层数 | Layer | 3层 | ReCo 3-layer |
| 工位类型 | Double/Single Stations | 双工位 | Double Station |
| 净重 | Net Weight | 300 ± 5g | 300 ± 5g |
| 生产循环 | Cycle Time | 32秒 | 32 seconds |
| 制品产量 | Article Output Per Hour | 675个/小时 | 675 pcs/hour |
| 机型 | Machine Type | B25D-900 | B25D-900 |

Industrial Packaging
堆码桶

**Classic Case —
30L ReCo 3-layer Stackable Barrel**
经典案例—30升3层化工堆码桶



| 制品 | Article | 30升堆码桶 | 30L Stackable Container |
|------|-------------------------|------------|-------------------------|
| 模头 | Diehead | 1模头 | 1-Fold Extrusion Head |
| 层数 | Layer | 3层 | ReCo 3-layer |
| 工位类型 | Double/Single Stations | 双工位 | Double Station |
| 净重 | Net Weight | 1300 ± 10g | 1300 ± 10g |
| 生产循环 | Cycle Time | 模内贴标/60秒 | 60 seconds with IML |
| 制品产量 | Article Output Per Hour | 120个/小时 | 120 pcs/hour |
| 机型 | Machine Type | B25D-750 | B25D-750 |

**PETE / PETG
Extrusion Blow Molding Equipment**
PETE / PETG专用挤吹设备



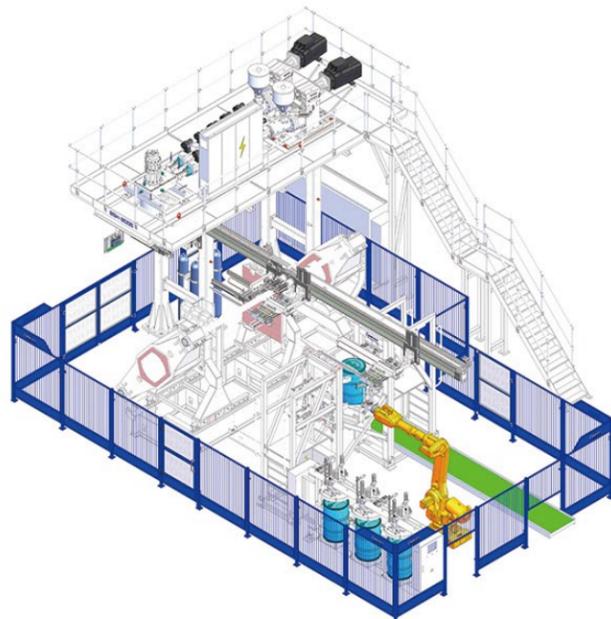
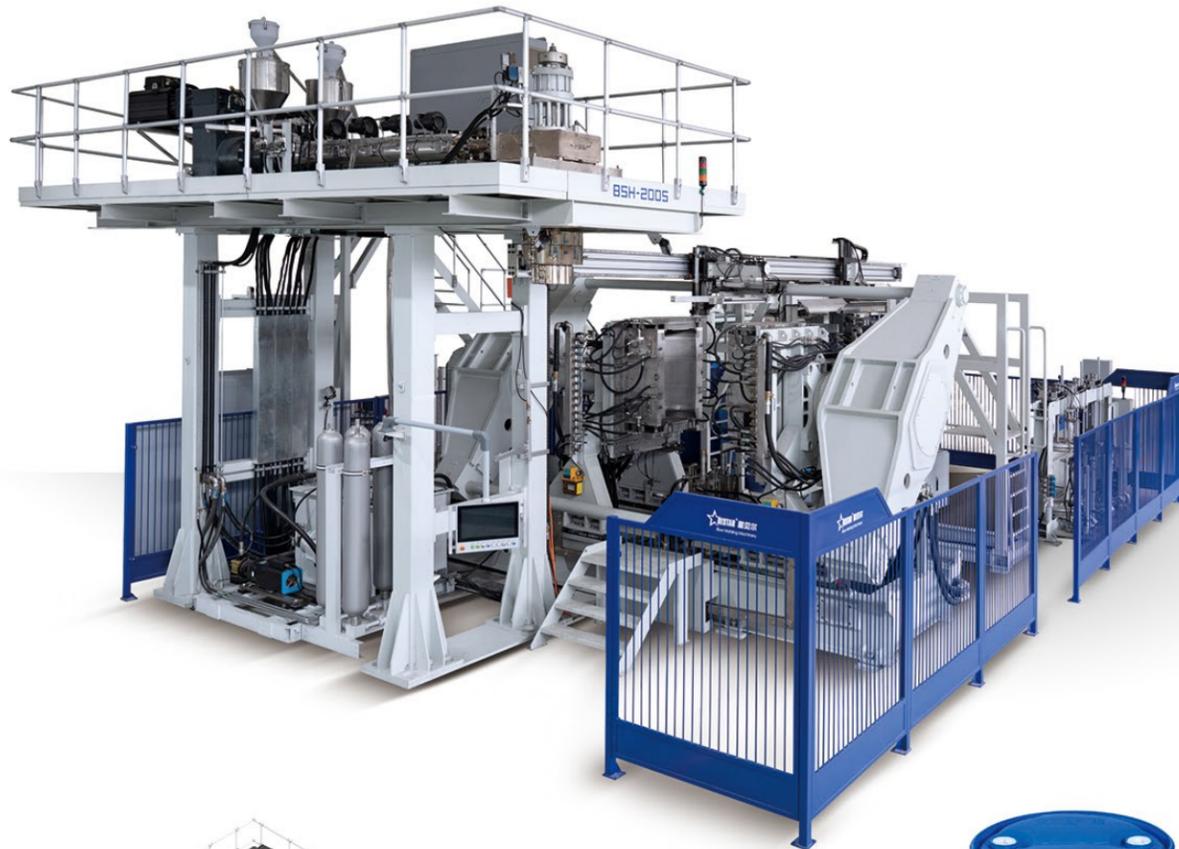
- 源自星贝尔与美国资深吹塑专家LDSB的强强联手
- 一次性吹塑成型，制品自带把手，容量：2~5升
- 特殊设计的挤出螺杆，精密计算的专用挤出模头；模头可采用单腔或双腔设计
- 制品主要应用于果汁饮料、食用油、调味品等高端液体包装
- Originate from the joint cooperation of BESTAR and LDSB (senior expert of blow molding from US.)
- One-step blow molding technology, articles with handles, article volume covers from 2 to 5 liters
- Specially designed extrusion screw, precisely calculated extrusion die head, which could adopt single or double folds design
- Articles are mainly used in juice drinks, edible oil, condiments and other high-end liquid packaging



Large Hollow Blow Molding Machine

大型中空吹塑机

From
XX to XXXL



| 机器型号 | Machine type | | ABM-500 | | | | | ABM-750 | | ABM-1200 | | ABM-1500 | |
|--------|------------------------------|--------|----------|--------|--------|--------|--------|-----------|---------|-----------|---------|-----------|---------|
| 最大制品容积 | Max. volume of product | Liters | 160 | | | | | 250 | | 900 | | 1250 | |
| 锁模力 | Clamping force | kN | 500 | | | | | 750 | | 1200 | | 1500 | |
| 模板尺寸 | Mould platen dimension(W×H) | mm | 900×1200 | | | | | 1300×1400 | | 1400×1600 | | 1800×1600 | |
| 模板间距 | Distance between platens | mm | 600-1400 | | | | | 700-1700 | | 700-2000 | | 1000-2700 | |
| 储料模头 | Accumulator head(FIFO) | | AH-1.8 | AH-3.5 | AH-5 | AH-8 | AH-12 | AH16 | AH25 | AH35 | AH50 | AH65 | AH80 |
| 储料容积 | Accumulation volume(max.) | Liters | 1.8 | 3.5 | 5 | 8 | 12 | 16 | 25 | 35 | 50 | 65 | 80 |
| 口模直径 | Die tooling diameter | mm | 30-100 | 50-120 | 50-150 | 70-200 | 70-250 | 100-300 | 200-380 | 200-400 | 350-600 | 500-700 | 500-800 |
| 挤出机 | Extruder | | E60 | E70 | E80 | E90 | BRD-60 | BRD-75 | BRD-90 | BRD-100 | | BRD-120 | |
| 螺杆直径 | Screw diameter | mm | 60 | 70 | 80 | 90 | 60 | 75 | 90 | 100 | | 120 | |
| 长径比 | L/D | | 25 | 25 | 25 | 25 | 38 | 38 | 38 | 38 | | 38 | |
| 驱动功率 | Drive power | kW | 30 | 45 | 55 | 75 | 90 | 110 | | 160 | | 250 | |
| 最大塑化能力 | Plasticizing capacity (max.) | kg/h | 90 | 130 | 165 | 220 | 300 | 380-450 | | 650 | | 900 | |

Control System

控制系统



- 奥地利贝加莱新一代控制系统, 采用Intel Atom 1.46G低功耗64位处理器, 集成控制, 机器运行参数直接显示, 并可透过面板自由调节。机器故障自动诊断, 自动报警和显示
- 18.5"触摸屏显示器, 操作界面更友好。集成100点轴向壁厚控制, 精准控制制品壁厚, 节省原料成本
- 可编程计时器用于加热控制和晚间停产的降温节能控制
- 外部USB接口使读写数据更加方便
- 以太网远程服务访问、远程诊断及纠正错误参数
- 灵活的升级选项

- Austria B&R new generation control system, with Intel Atom 1.46G low-power 64-bit processor, integrated control, direct display of machine running parameters, and can be freely adjusted through the panel. Automatic fault diagnosis, automatic alarm, and operation screen are displayed directly
- 18.5" touchscreen display with a more user-friendly interface. Integrated 100-point axial wall thickness control to accurately control the wall thickness of the product, raw material costs saving
- Programmable timer for heating control and temperature reduction for overnight shut down
- External USB interface makes reading and writing data conveniently
- Ethernet network Remote service access / remote diagnosis and correct error parameters
- Flexible upgrade options

Die Head

挤出模头



6-Fold ReCo 3-layer Extrusion Head, with View Stripe

3层共挤6模头, 带液位线

- 基于精确计算的模头流道设计, 流线型、无死角, 能够快速换色
- 保证低背压, 有效延长挤出系统以及齿轮箱的使用寿命
- 多腔模头各流道分布合理, 流量可轻松调节
- 采用心形或螺旋流道的多层共挤模头
- 采用双层补偿分流梭的单层模头
- 所有类型模头都可增加可视液位线设计
- Precise and accurate die head design-streamline, no blind angle and faster color change
- Lower back pressure, extending service time of extruder unit and gear box
- Multi-cavity flow channel, easy to control flow
- Multi-layer co-extrusion head with heart curve or spiral mandrel
- Single layer die head with offset spider
- View stripe on die heads at request



Service and Support

服务与支持

从技术支持到售后服务, 我们一直都是您坚强并且可靠的合作伙伴
我们的服务承诺, 全天24小时响应, 一周7天不间断的技术服务支持

From the technology support to after sales service, Bestar is always your strong and reliable partner

Our service commitment: 24 hours and 7 days continuous technology and services support



星贝儿始终以品质为先, 提供最优化技术方案和专业的服务给客户, 为客户创造最大价值, 从而赢得众多客户的信赖

Bestar always focus on product quality, we provide best technical support and professional service. Our aim is to create value for our customer and win trust from them

Our Clients

星贝儿客户的合作伙伴

