



www.jsbestar.com

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

sales@bestarmachinery.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

sales@bestarmachinery.com



Blow You a Bright Future



BESTAR Blow Molding Machine
Users Videos



www.jsbestar.com

THE LEADER OF CHINESE BLOW MOLDING MACHINE

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



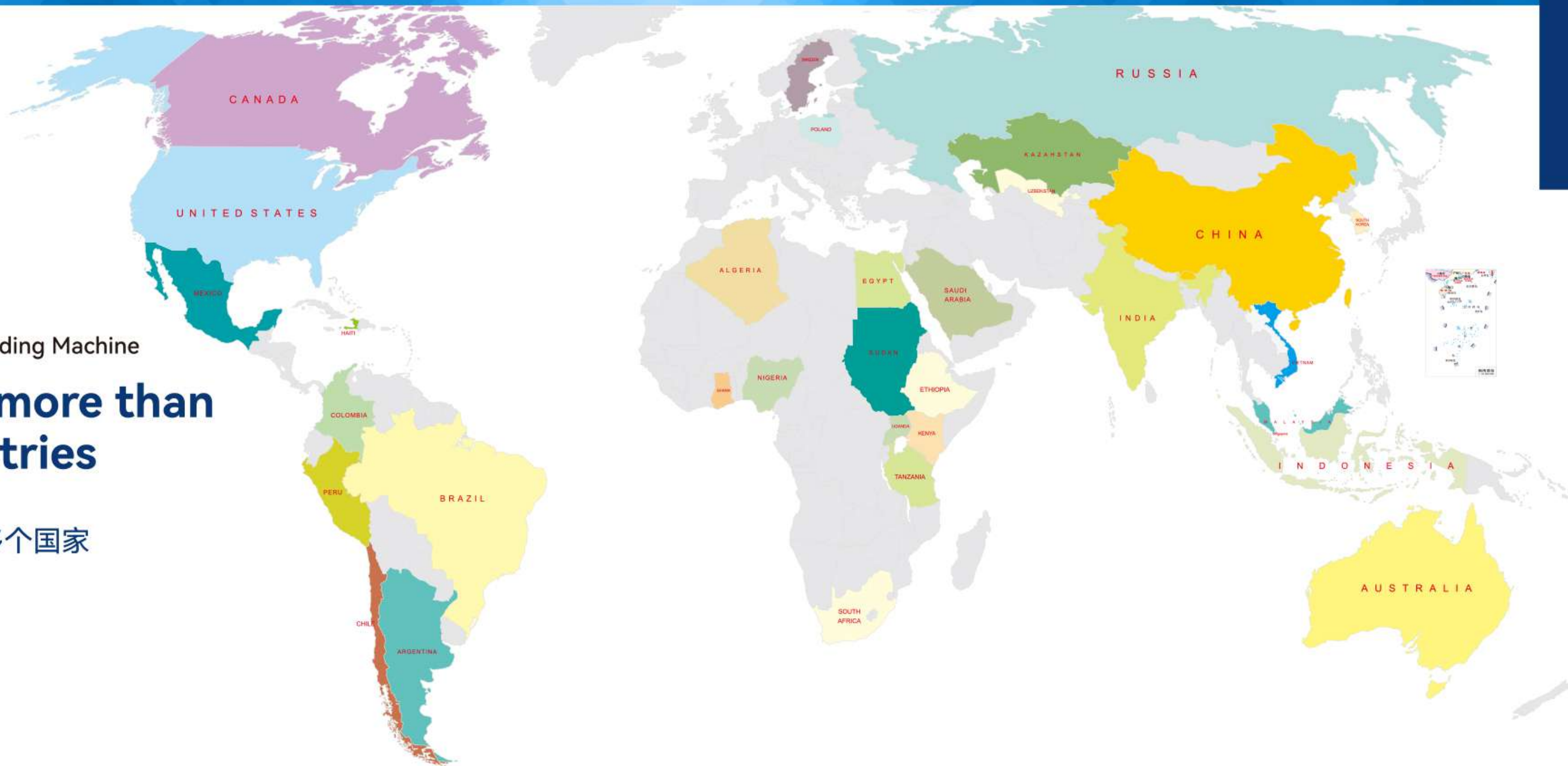
Bestar Blow Molding Machine

**Sold to more than
60 countries**

热销全球60多个国家



BESTAR Blow Molding Machine
Users Videos



Our Clients

星贝尔客户的合作伙伴



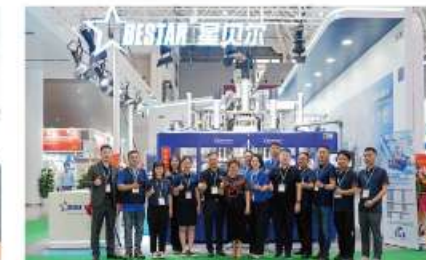


Company Profile 企业介绍

苏州星贝尔中空成型设备有限公司致力于高端智能全自动吹塑设备的研发和制造，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60个国家和地区。

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！



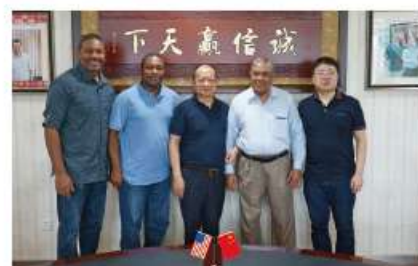
BESTAR BLOW MOLDING MACHINERY

Bestar Blow Molding Machinery Co., Ltd focuses on manufacture high end and fully automatic 1-6 layers blow molding machinery. Provides customers high speed, innovative, energy saving blow molding machine solution.

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 60 countries including North America, Poland, Mexico, Colombia, Peru, Argentina, Chile, Indonesia, Malaysia, Vietnam, Bangladesh, Saudi Arabia, Russia, Africa, 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.



All-electric Blow Molding Machine 1-6 Layers

全电动吹塑机 1-6层



More Energy Saving



More Output



BESTAR Blow Molding Machine
Users Videos



设备型号	Machine Type	BE2S-280		BE5D-380		BE10D-480		BE15D-620		BE20D-750		BE25D-750	
合模力	Clamping force	20kN		50kN		100kN		150kN		200kN		250kN	
移模行程	Carriage stroke	280mm		380mm		480mm		620mm		750mm		750mm	
合模行程	Clamping stroke	140mm		200mm		220mm		220mm		280mm		400mm	
空循环时间	Dry cycle time	1.8s		2.5s		2.8s		3s		3.2s		4.5s	
模具尺寸	Mold specification	宽度Wmax	270mm	宽度Wmax	370mm	宽度Wmax	470mm	宽度Wmax	620mm	宽度Wmax	740mm	宽度Wmax	740mm
		高度Hmax	270mm	高度Hmax	350mm	高度Hmax	400mm	高度Hmax	450mm	高度Hmax	500mm	高度Hmax	700mm
		厚度T	2X95mm	厚度T	2X100mm	厚度T	2X120mm	厚度T	2X140mm	厚度T	2X140mm	厚度T	2X250mm
		重量Mmax	2X60kg	重量Mmax	2X100kg	重量Mmax	2X150kg	重量Mmax	2X200kg	重量Mmax	2X250kg	重量Mmax	2X350kg
压缩空气耗量	Air consumption	30m³/h		70m³/h		90m³/h		120m³/h		150m³/h		150m³/h	
典型配置	Typical configuration	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		100ml	0+2	100ml	4+4	100ml	6+6	500ml	6+6	500ml	6+6	10L	1+1
		500ml	0+1	500ml	3+3	500ml	4+4	1L	4+4	1L	5+5	15L	1+1
		1L	0+1	1L	3+3	1L	3+3	3L	2+2	2L	4+4	20L	1+1
				1.5L	1+1	1.5L	2+2	5L	1+1	3L	3+3	25L	1+1
				2L	1+1	5L	1+1	10L	1+1	5L	2+2	30L	1+1

Pesticide Packaging
农药包装

All Electric Blow Molding Machine
**Classic Case —
300ml HDPE Bottle**
经典案例—300毫升HDPE瓶

Small Size



制品	Article	300毫升HDPE瓶	300ml HDPE Bottle
模头	Die Head	DS50-3F/1L-CD100	DS50-3F/1L-CD100
层数	Layer	单层	One Layer
工位类型	Single/Double Stations	单工位	Single Station
净重	Net Weight	30g	30g
生产循环	Cycle Time	10秒	10 seconds
制品产量	Article Output	1080个/小时	1080 pcs/hour
机型	Machine Type	BE5S-380	BE5S-380

Medium Size



1 Liter CoEx-4 Layer EVOH/Nylon Pesticide Bottle
经典案例—1升4层瓶EVOH/尼龙阻隔层瓶

Pesticide Packaging
农药包装

All Electric Blow Molding Machine
**Classic Case —
1 Liter CoEx-4 Layer EVOH/Nylon Pesticide Bottle**
经典案例—1升4层瓶EVOH/尼龙阻隔层瓶



制品	Article	1升4层农药瓶	1 Liter CoEx-4 Pesticide Bottle
模头	Die Head	DH60-4F/4L-CD120	DH60-4F/4L-CD120
层数	Layer	4层 EVOH/尼龙阻隔层	CoEx 4-layer EVOH/Nylon
工位类型	Single/Double Stations	双工位	Double Stations
净重	Net Weight	110g	110g
生产循环	Cycle Time	30秒	30 seconds
制品产量	Article Output	960个/小时	960 pcs/hour
机型	Machine Type	B15D-620	B15D-620

Pesticide Packaging

农药包装

All Electric Blow Molding Machine

Classic Case — 20-30 Liters CoEx-6 Layer Stacking Jerry Can

经典案例—20~30升多层带阻隔堆码桶

Large Size



制品	Article	20升6层堆码桶	20 Liters 6 Layers CoEx Stacking Jerry Can
模头	Die Head	EH220-1F-CoEx 6 Layer-V	EH220-1F-CoEx 6 Layer-V
生产循环	Cycle Time	38秒	38 seconds
制品重量	Net Weight	1200±10g	1200±10g
产量	Article Output	94个/小时	94 pcs/hour
机型	Machine Type	BE25S-750	BE25S-750

挤出机	Extruder	E60 (外层原生HDPE) E80 (再生聚乙烯层) E30 (第一粘合层) E30 (阻隔层 PA/EVOH) E30 (第二粘合层) E50 (内层原生HDPE) E25 (液位线)	E60 (Outer Virgin HDPE Layer) E80 (RePE Layer) E30 (1st Adhesive Layer) E30 (Barrier Layer PA/EVOH) E30 (2nd Adhesive Layer) E50 (Inner Virgin HDPE) E25 (View Stripe)
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Hydraulic Blow Molding Machine

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



BESTAR Blow Molding Machine
Users Videos

设备型号	Machine Type	B5D-380	B10D-480	B15D-560	B20D-750	B30D-900	B40D-1150	B25D-750	B40D-1150
合模力	Clamping force	50kN	100kN	160kN	200kN	340kN	400kN	250kN	400kN
液压驱动功率	Drive power hydraulic	18.5kW	18.5kW+7.5kW				37kW+11kW		
移模行程	Carriage stroke	380mm	480mm	560mm	750mm	900mm	1150mm	750mm	1150mm
空循环时间	Dry cycle time	2.8s	3s	3.2s	3.6s	4s	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} 1140mm
		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} 650mm
		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} 2X250mm
压缩空气耗量	Air consumption	60m³/h	90m³/h	120m³/h	150m³/h	180m³/h	250m³/h	150m³/h	250m³/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 4+4
		100ml 3+3	500ml 4+4	1L 4+4	1L 5+5	1L 6+6	1L 8+8	15L 1+1	10L 3+3
		500ml 3+3	1L 3+3	3L 2+2	2L 4+4	2L 4+4	2L 6+6	20L 1+1	12L 3+3
		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	6L 4+4	10L 2+2	25L 2+2

Pesticide Packaging
农药包装

Hydraulic Blow Molding Machine

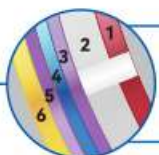
**Classic Case —
5-10 Liter CoEx-6 Layer High Barrier
Agrochemical Jerry Can**

经典案例—5~10升6层高阻隔农药桶

2+2

- 6层高阻隔
- 模内贴标
- 双工位、双腔
- 带液位线

- CoEx 6-layer
- Double Stations, 2-fold
- With In-mold Labeling
- With Viewstripe



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

**CoEx-6 Layer
with viewstripe**

制品	Article	5升6层高阻隔农药桶	5L CoEx-6 Layer High Barrier Agrochemical Jerry Can
模头	Die Head	2模头	2-Fold Extrusion Head
层数	Layer	6层	CoEx 6-layer
工位类型	Single/Double Stations	双工位	Double Stations
净重	Net Weight	280 ± 3g	280 ± 3g
生产循环	Cycle Time	30秒	30 seconds
制品产量	Article Output	480个/小时	480 pcs/hour
机型	Machine Type	B25D-750	B25D-750

4+4

Pesticide Packaging
农药包装

Hydraulic Blow Molding Machine

**Classic Case —
1 Liter CoEx-4 Layer Pesticide Bottle**
经典案例—1升4层农药瓶



制品	Article	1升4层农药瓶	1 Liter CoEx-4 Layer Pesticide Bottle
模头	Die Head	4模头	4-Fold Extrusion Head
层数	Layer	4层	CoEx 4-layer
工位类型	Single/Double Stations	双工位	Double Stations
净重	Net Weight	120 ± 3g	120 ± 3g
生产循环	Cycle Time	36秒	36 seconds
制品产量	Article Output	800个/小时	800 pcs/hour
机型	Machine Type	B15D-560	B15D-560

Daily Chemical Packaging

日化洗涤包装

Hydraulic Blow Molding Machine

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	Die Head	6模头	6-Fold Extrusion Head
层数	Layer	3层	ReCo 3-layer
工位类型	Single/Double Stations	双工位	Double Stations
净重	Net Weight	43±1g	43±1g
生产循环	Cycle Time	14秒	14 seconds
制品产量	Article Output	3085个/小时	3085 pcs/hour
机型	Machine Type	B15D-600	B15D-600



制品	Article	500毫升斜口瓶	500ml Inclined Neck Bottle
模头	Die Head	6模头	6-Fold Extrusion Head
层数	Layer	2层	Deco 2-Layer
工位类型	Single/Double Stations	双工位	Double Stations
净重	Net Weight	53±1.5g	53±1.5g
生产循环	Cycle Time	16秒	16 seconds
制品产量	Article Output	2700个/小时	2700 pcs/hour
机型	Machine Type	B25D-1050	B25D-1050

Daily Chemical Packaging

日化洗涤包装

Hydraulic Blow Molding Machine

Classic Case — 500ml Deco 2-layer Inclined Neck Bottle

经典案例—500毫升双层斜口瓶

Lubricant Packaging

润滑油包装

Hydraulic Blow Molding Machine

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	Die Head	3模头	3-Fold Extrusion Head
层数	Layer	3层	ReCo 3-layer
工位类型	Single/Double Stations	双工位	Double Stations
净重	Net Weight	225 ± 3g	225 ± 3g
生产循环	Cycle Time	22秒	22 seconds
制品产量	Article Output	981个/小时	981 pcs/hour
机型	Machine Type	B30D-1050	B30D-1050



制品	Article	1升3层机油壶	1 Liter ReCo 3-layer Jerry Can
模头	Die Head	6模头	6-Fold Extrusion Head
层数	Layer	3层	ReCo 3-layer
工位类型	Single/Double Stations	双工位	Double Stations
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	2700个/小时	2700 pcs/hour
机型	Machine Type	B25D-1050	B25D-1050

Lubricant Packaging

润滑油包装

Hydraulic Blow Molding Machine

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

Hydraulic Blow Molding Machine

**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	Die Head	2模头	2-Fold Extrusion Head
层数	Layer	3层	ReCo 3-layer
工位类型	Single/Double Stations	双工位	Double Stations
净重	Net Weight	480 ± 5g	480 ± 5g
生产循环	Cycle Time	30秒	30 seconds
制品产量	Article Output	480个/小时	480 pcs/hour
机型	Machine Type	B25D-750	B25D-750



Pharmaceutical Packaging
医药包装

Hydraulic Blow Molding Machine

**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	Die Head	3模头	3-Fold Extrusion Head
层数	Layer	3层	ReCo 3-layer
工位类型	Single/Double Stations	双工位	Double Stations
净重	Net Weight	270 ± 3g	270 ± 3g
生产循环	Cycle Time	27秒	27 seconds
制品产量	Article Output	800个/小时	800 pcs/hour
机型	Machine Type	B25D-900	B25D-900

Industrial Packaging

堆码桶

Hydraulic Blow Molding Machine

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	Die Head	1模头	1-Fold Extrusion Head
层数	Layer	3层	ReCo 3-layer
工位类型	Single/Double Stations	双工位	Double Stations
净重	Net Weight	1700±10g	1700±10g
生产循环	Cycle Time	模内贴标/60秒	60 seconds with IML
制品产量	Article Output	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

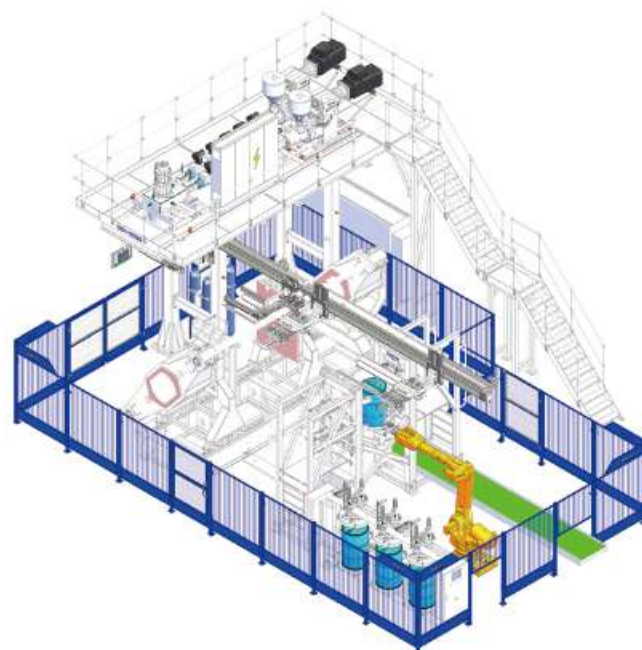
- Originate from the joint cooperation of BESTAR and LDSB (senior expert of blow molding from US.)
- One-step blow molding technology, articles with handles, article volume covers from 2 to 5 liters
- Specially designed extrusion screw, precisely calculated extrusion die head, which could adopt single or double folds design
- Articles are mainly used in juice drinks, edible oil, condiments and other high-end liquid packaging



BESTAR-LDSB

Large Hollow Blow Molding Machine

大型中空吹塑机



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	

Bestar Blow Molding Machine Advantages

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

- 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
- 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
- Single layer die head with offset spider
- View stripe on die heads at request
- Multi layers Co-Extrusion 1-6 Layers
- Multi cavities: 1~24 cavities
- Specialize for the PE, PP, PETG, EVOH, Nylon, PVC, ABS, PA, EVA, PC etc.

6-Layer (EVOH/Nylon) CoEx Extrusion Die Head

6层EVOH/尼龙阻隔层模头



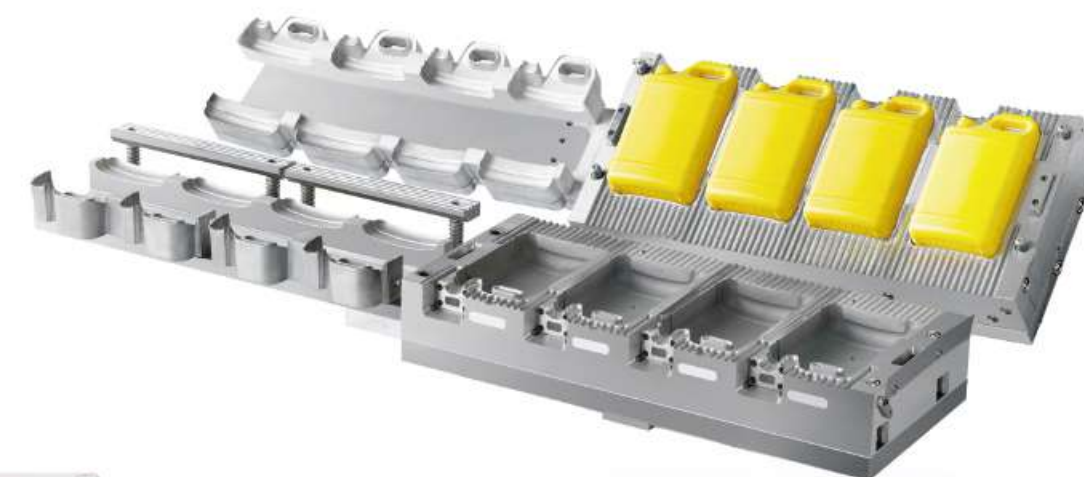
Blow Mould

吹塑模具

Bestar machine can be used for any European molds to increase production capacity and competitive machine investment cost with high-speed applications.

星贝尔吹瓶机可匹配使用任何欧洲模具，实现更大产能。

精心选用优质模具材料，表面纹路均匀清晰，冷却快速。



PWDS

径向壁厚系统

The Partial Wall Thickness
Distribution System



节省制作材料

Material Saving

壁厚最小化

Minimum Wall Thickness

Extrusion unit

塑化系统

- 系统配备国际知名品牌硬齿面齿轮箱，运行平稳、低噪声，高效率
- 挤出螺杆采用开槽喂料机筒与屏障式螺杆设计相结合，
- 熔体均匀，塑化能力高
- 材料选用优质氮化合金钢、表面硬度高，使用寿命长
- 能够广泛适用于PE, PP, PC, PA, PVC, PETG, EVOH等多种原料



- With world famous gear box brand—reliability, lower noise and high efficiency
- Technology of grooved barrel and barrier screw—well and high plasticization
- Extrusion screw of high quality alloy steel—hard surface & long time for use
- Strong adaptability to materials, such as PE, PP, PC, PA, PVC, PETG, EVOH.....