



宝捷精密机械有限公司
POWERJET PLASTIC MACHINERY CO., LTD.

www.powerjet.cn | www.powerjetgroup.com

厂址: 中国·广东省佛山市南海区狮山工业区B区博爱东路12号
ADD: No. 12, BoAi Road East, Zone B, Shishan Industrial Park, Nanhai, Foshan, Guangdong, P. R. China
Service line: 86-400 830 0005 | TEL: 86-757-86697806 | FAX: 86-757-86697861 | E-mail: powerjet@126.com



宝捷挤出吹瓶机型号定义 Specification of Machines



吹瓶机产品系列

挤吹机系列

全自动挤出吹瓶机系列
固定模架自动吹塑中空成型机系列

拉伸机系列

半自动PET拉伸吹瓶机系列
手插瓶胚全自动拉伸吹瓶机系列 (PET/PP)
全自动PET拉伸吹瓶机系列
全自动热灌装PET拉伸吹瓶机系列
全自动广口瓶PET拉伸吹瓶机系列
远红外线加热炉

Blow Molding Machine Series

Extrusion Blow Molding Machine Series

Automatic extrusion blow molding machine series
Fixed mold automatic extrusion blow molding machine series

Stretch Blow Molding Machine Series

Semi-auto PET stretch blow molding machine series
Manual preform-in automatic blow molding machine series (PET/PP)
Automatic stretch blow molding machine series
Automatic hot-filled PET stretch blow molding machine series
Jar stretch blow molding machine series
Far-infrared heating furnace series

宝捷集团2015年9月印

Extrusion Blow Molding Technology

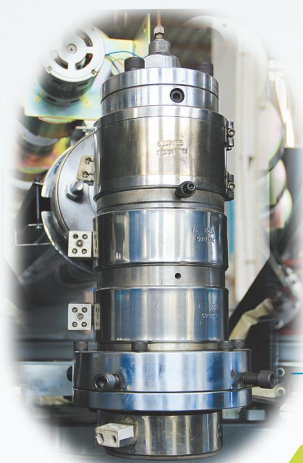
高速挤出吹塑中空成型专家



挤出吹瓶机系列

Extrusion Blow Molding Machine

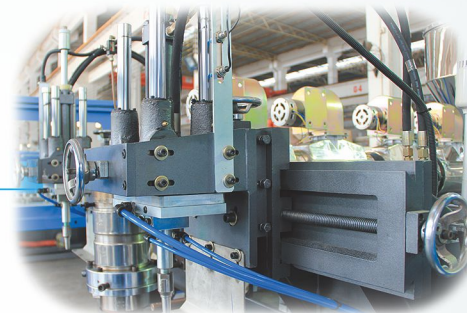




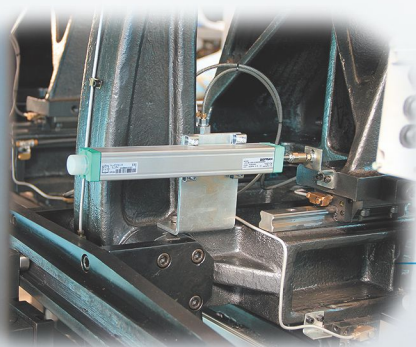
1 模头
Die-head



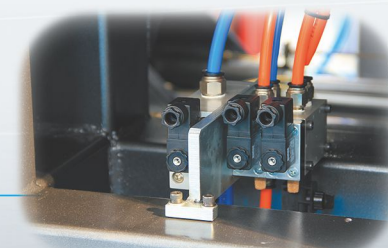
9 挤出系统
Extrusion system



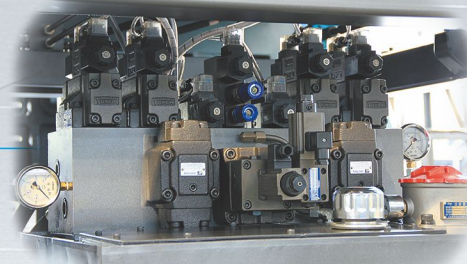
8 吹气组
Blowing units



2 电子尺控制开合模
Linear displacement transducer used to control the clamping units' movement



7 进口电磁气阀
Imported solenoid valve



6 进口液压元件
Imported hydraulic components



3 平行式锁模
Parallel clamping units



4 中央支承模架
Central supporting frame for the mould



5 移模速度控制阀
Speed control valves for mould's movement

EB10H全自动挤出吹瓶机

Automatic Extrusion Blow Molding Machine EB10H

- 液压驱动全自动平移模双摆架，球墨铸铁模板、模架，中心锁模，经有限元分析设计，确保锁模力充足，不胀模。
- 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，可选配单模头到四模头，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。
- 油研 (YUKEN) 液压件，压力、流量双比例控制，电脑参数设定，运行平稳；特制移模减速阀，定位准确，无冲击。
- 气动元件选用德国费斯托 (FESTO)、爱尔泰克 (airtec)、日本 SMC 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。
- 德国西门子高速 PLC 电脑及多语言触摸屏操作界面，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。
- 可选配自动打水口料、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。
- Double stations and linear movement, high intensity stainless steel mould platens, driven by hydraulic pressure, designed and analyzed by finite element aided software, ensure big clamping force, no expansion of mold.
- 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.
- All hydraulic parts are from Yuken (Japan). Pressure & proportional control are set by PLC, which ensures the stable operation; Mold movement is controlled by special speed limited valves, ensuring precise position and non-striking.
- Parts of pneumatic system are imported from FESTO(Germany), airtec(Germany), SMC(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.
- High speed Siemens (Germany) PLC with multiple language touch screen, easy-access menu display, is easy to control and 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.
- Fully automatic operation can be achieved by optional equipments like auto-deflashing, rotary trimming device, or separated rotary trimming

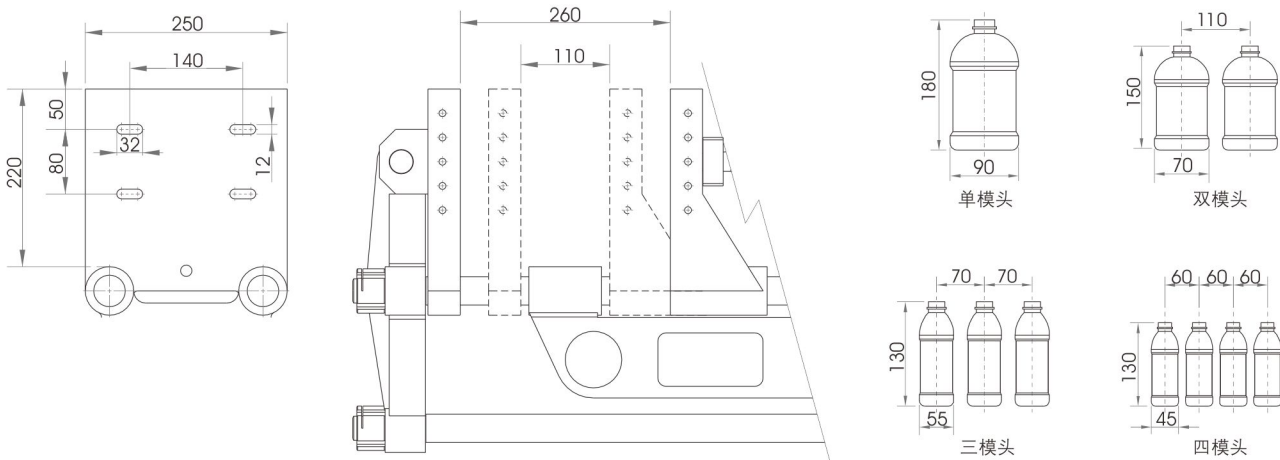
参数表 Technical Parameter

机型	Model	单位Unit	EB10H40S	EB10H45S	EB10H50S
最大制品容量	Max. Product	L	1.0	1.0	1.0
锁模力	Clamping Force	KN	27	27	27
空循环速度	Dry Cycle Time	Sec	3.2	3.2	3.2
螺杆直径	Screw Diameter	mm	Ø40	Ø45	Ø50
螺杆长径比	Screw L/D Ratio	L/D	24	24	22
螺杆最高转速	Screw Rotary Speed	RPM	75	75	75
HDPE挤料量	Extrusion Weight (HDPE)	kg/hr	20	25	35
挤出电机功率	Extrusion Motor Power	kw	5.5	7.5	11
油泵电机功率	Pump Motor Power	kw	5.5	5.5	5.5
加热功率	Heating Capacity	kw	3.6	4.5	5.5
操作气压	Operation Pressure	Mpa	0.6-0.8	0.6-0.8	0.6-0.8
耗气量	Air Consumption	m³/min	1.0	1.0	1.0
冷却水用量25℃	Chilled Water Consumption	L/min	13	13	13
油箱容量	Oil tank capacity	L	47	47	47
机台尺寸(长×宽×高)	Machine Dimension (L×W×H)	mm	2200×1700×2200		
理论机重	Machine Weight	kg	1500	1700	1800

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) Mould Platen Size & Product Specification(mm)



EB25H全自动挤出吹瓶机

Automatic Extrusion Blow Molding Machine EB25H

- 液压驱动全自动平移模双摆架，球墨铸铁模板、模架，中心锁模，经有限元分析设计，确保锁模力充足，不胀模。
 - 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，可选配单模头到四模头，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。
 - 油研 (YUKEN) 液压件，压力、流量双比例控制，电脑参数设定，运行平稳；特制移模减速阀，定位准确，无冲击。
 - 气动元件选用德国费斯托 (FESTO)、爱尔泰克 (airtec)、日本SMC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。
 - 德国西门子高速PLC电脑及多语言触摸屏操作界面，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。
 - 可选配自动打水口料、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。
 - 可选配台湾宏讯、奥地利贝加莱、德国倍福等专业吹塑控制电脑。
- Double stations and linear movement, high intensity stainless steel mould platens, driven by hydraulic pressure, designed and analyzed by finite element aided software, ensure big clamping force, no expansion of mold.
 - 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.
 - All hydraulic parts are from Yuken (Japan). Pressure & proportional control are set by PLC, which ensures the stable operation; Mold movement is controlled by special speed limited valves, ensuring precise position and non-striking.
 - Parts of pneumatic system are imported from FESTO(Germany), airtec(Germany), SMC(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.
 - High speed Siemens (Germany) PLC with multiple language touch screen, easy-access menu display, is easy to control and 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.
 - Fully automatic operation can be achieved by optional equipments like auto-deflashing, rotary trimming device, or separated rotary trimming equipment.
 - Taiwan Techmation, Autrian B&R, or German Beckhoff controller are all for optional choices.

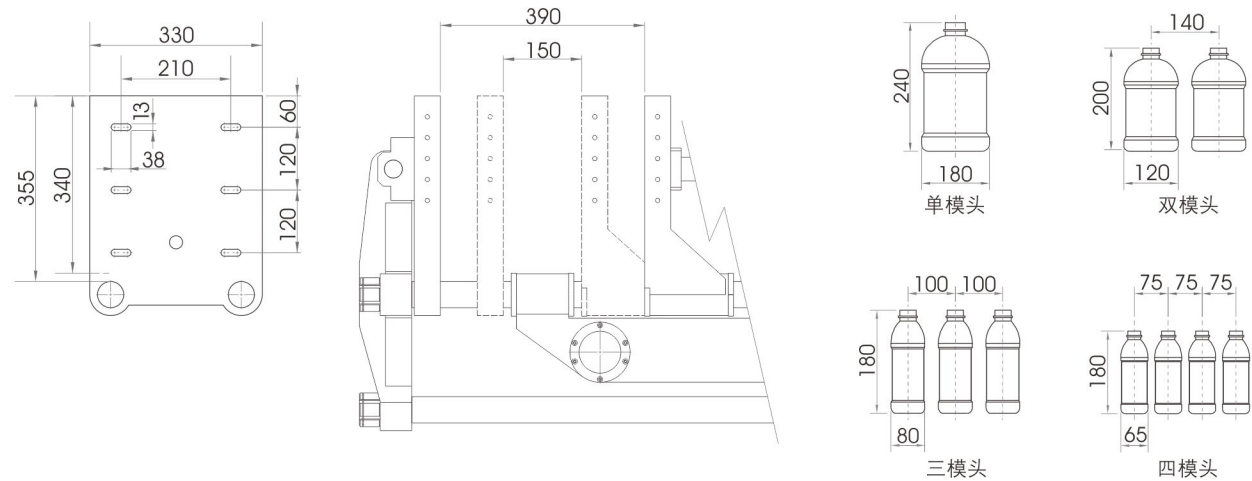


参数表 Technical Parameter

机型	Model	单位Unit	EB25H55S	EB25H65S	EB25H55-40D	EB25H65-40D
最大制品容量	Max. Product	L	2.5	2.5	2.5	2.5
锁模力	Clamping Force	KN	53	53	53	53
空循环速度	Dry Cycle Time	Sec	5.0	5.0	5.0	5.0
螺杆直径	Screw Diameter	mm	Ø55	Ø65	Ø55+Ø40	Ø65+Ø40
螺杆长径比	Screw L/D Ratio	L/D	25	25	25+25	25+25
螺杆最高转速	Screw Rotary Speed	RPM	75	75	75+40	75+40
HDPE挤料量	Extrusion Weight (HDPE)	kg/hr	50	65	50+11	65+11
挤出电机功率	Extrusion Motor Power	kw	11	15	11+4	15+4
油泵电机功率	Pump Motor Power	kw	7.5	7.5	7.5	7.5
加热功率	Heating Capacity	kw	8	11	8+4.5	11+4.5
操作气压	Operation Pressure	Mpa	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8
耗气量	Air Consumption	m³/min	1.5	1.5	1.5	1.5
冷却水用量25℃	Chilled Water Consumption	L/min	50	50	50	50
油箱容量	Oil tank capacity	L	100	100	100	100
机台尺寸(长×宽×高)	Machine Dimension (L×W×H)	mm	3200×2100×2200			
理论机重	Machine Weight	kg	3500	3900	4000	4500

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) Mould Platen Size & Product Specification(mm)



EB50H全自动挤出吹瓶机

Automatic Extrusion Blow Molding Machine EB50H

- 液压驱动全自动平移模双摆架，球墨铸铁模板，经有限元分析设计，确保锁模力充足，不胀模。
- 大跨度中心支承移架设计，运行平稳，磨损少；超大开模行程，中心锁模，锁模力均衡，不变形。
- 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，可选配单模头到六模头，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。
- 油研 (YUKEN) 液压件，压力、流量双比例控制，电脑参数设定，运行平稳；特制移模减速阀，定位准确，无冲击。
- 气动元件选用德国费斯托 (FESTO)、爱尔泰克 (airtec) 日本 SMC 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。
- 德国西门子高速 PLC 电脑及多语言触摸屏操作界面，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。
- 可选配自动打水口料、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。
- 可选配台湾宏讯、奥地利贝加莱、德国倍福等专业吹塑控制电脑。
- Double stations and linear movement, high intensity stainless steel mould platens, driven by hydraulic pressure, designed and analyzed by finite element aided software, ensure big clamping force, no expansion of mold.
- Large span central support bracket design insures stable running and less wearing; Larger mould opening stroke; Central mold clamping makes the Clamping force more even and no deformation.
- 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.
- All hydraulic parts are from Yuken (Japan). Pressure & proportional control are set by PLC, which ensures the stable operation; Mold movement is controlled by special speed limited valves, ensuring precise position and non-striking.
- Parts of pneumatic system are imported from FESTO (Germany), airtec(Germany), SMC (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.
- High speed Siemens (Germany) PLC with multiple language touch screen, easy-access menu display, is easy to control and 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 can be for optional, which can improve the quality, and reduce of the cost of law material.
- Fully automatic operation can be achieved by optional equipments like auto-deflashing, rotary trimming device, or separated rotary trimming equipment.
- Tanwan Techmation, Autrian B&R, or German Beckhoff controller are all for optional choices.

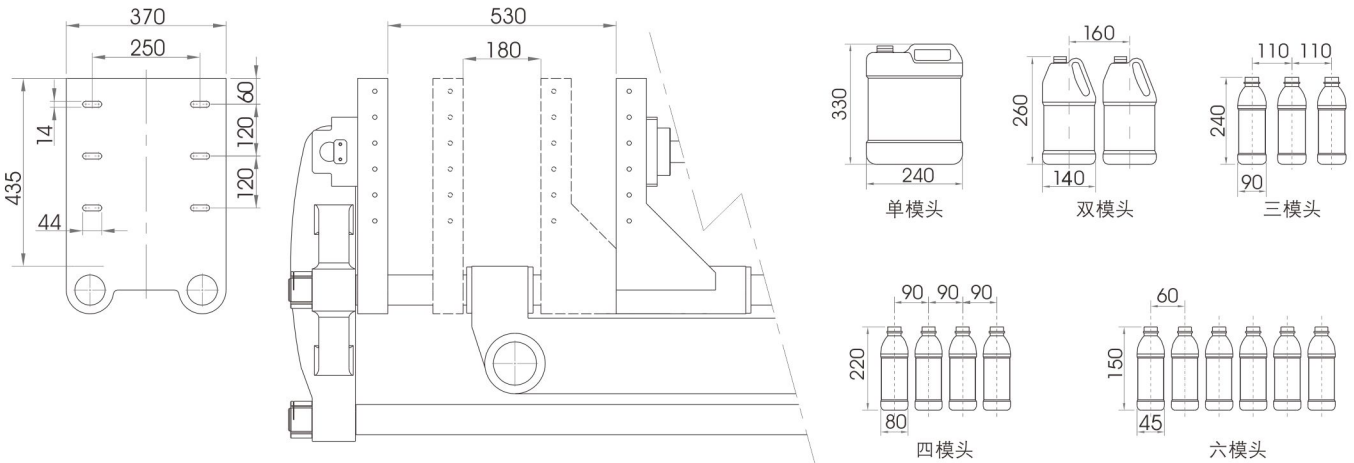


参数表 Technical Parameter

机型	Model	单位Unit	EB50H70S	EB50H75S	EB50H75-45D	EB50H75-25S
最大制品容量	Max. Product	L	5.0	5.0	5.0	5.0
锁模力	Clamping Force	KN	86	86	86	86
空循环速度	Dry Cycle Time	Sec	5.8	5.8	5.8	5.8
螺杆直径	Screw Diameter	mm	Ø70	Ø75	Ø75+Ø45	Ø75+Ø25
螺杆长径比	Screw L/D Ratio	L/D	25	26	26+25	26+20
螺杆最高转速	Screw Rotary Speed	RPM	65	65	65+40	65+25
HDPE挤料量	Extrusion Weight (HDPE)	kg/hr	70	85	85+20	85+2
挤出电机功率	Extrusion Motor Power	kw	22	22	22+5.5	22+1.5
油泵电机功率	Pump Motor Power	kw	15	15	15	15
加热功率	Heating Capacity	kw	15	18	15+6	18+3
操作气压	Operation Pressure	Mpa	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8
耗气量	Air Consumption	m³/min	2.5	2.5	2.5	2.5
冷却水用量25℃	Chilled Water Consumption	L/min	100	100	100	100
油箱容量	Oil tank capacity	L	140	140	140	140
机台尺寸(长×宽×高)	Machine Dimension (L×W×H)	mm	3600×2500×2400			
理论机重	Machine Weight	kg	6000	6200	6700	6700

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) Mould Platen Size & Product Specification(mm)





EB30U/EB70U高速双工位吹瓶机

EB30U/EB70U High Speed Double Station Blow Molding Machine

- 曲肘式对衡锁模结构，直线导轨承载模板开合模以及直线导轨承载双摆架平移，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、曲臂及移模架。
- 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。
- 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，可选配单模头到六模头，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。
- 油研 (YUKEN) 液压件，压力、流量双比例控制，电脑参数设定，运行平稳；特制移模减速阀，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。
- 德国西门子高速PLC电脑及多语言触摸屏操作界面，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。
- 可选配自动打水口料、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。
- 可选配台湾宏讯、奥地利贝加莱、德国倍福等专业吹塑控制电脑。
- Toggle balance clamping structure, with platen opening & clamping and mold platen movement by linear guide, to achieve low friction and high speed.
- Based on the Finite Element Analysis design, and platen, toggle and platen frame made in high intensity nodular cast iron.
- High speed mold clamping oil cylinder with differential speed function, and high speed mold moving cylinder with special anti-shock cushion valve structure.
- 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.
- All hydraulic parts are from Yuken (Japan). Pressure & proportional control are set by PLC, which ensures the stable operation; Mold movement is controlled by special speed limited valves, 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.
- High speed Siemens (Germany) PLC with multiple language touch screen, easy-access menu display, is easy to control and 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.
- Tanwan Techmation, Autrian B&R, or German Beckhoff controller are all for optional choices.

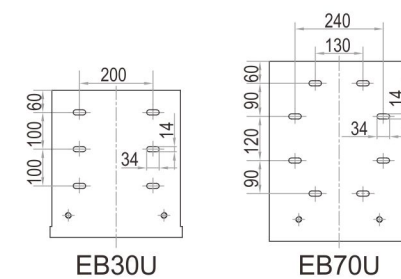


参数表 Technical Parameter

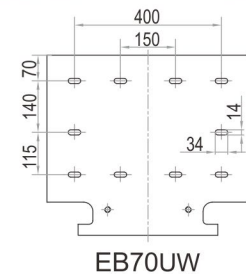
机型	Model	单位Unit	EB30U55	EB30U65	EB70U70	EB70U75	EB70U85
最大制品容量	Max. Product	L	4		7		10
锁模力	Clamping Force	KN	65		85		110
最大模具尺寸 (宽×高)	Max. Mold Size(W×H)	mm	400×360		500×450		580×450
螺杆直径	Screw Diameter	mm	55	65	70	75	85
螺杆长径比	Screw L/D Ratio	L/D	25	25	25	24	24
螺杆最高转速	Screw Rotary Speed	RPM	75	75	75	75	75
HDPE挤料量	Extrusion Weight (HDPE)	kg/hr	50	65	80	95	120
挤出电机功率	Extrusion Motor Power	kw	11	15	18.5	22	30
油泵电机功率	Pump Motor Power	kw	7.5		11		11
加热功率	Heating Capacity	kw	8	11	15	18	25
操作气压	Operation Pressure	Mpa	0.6-0.8		0.6-0.8		0.6-0.8
耗气量	Air Consumption	m³/min	1.5		2.5		2.5
冷却水用量25℃	Chilled Water Consumption	L/min	50		100		100
油箱容量	Oil tank capacity	L	95		130		130
机台尺寸 (长×宽×高)	Machine Dimension (L×W×H)	mm	3630×2060×2400		3780×2260×2500		4215×2260×2500
理论机重	Machine Weight	kg	4400	4500	5500	5650	5820

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.

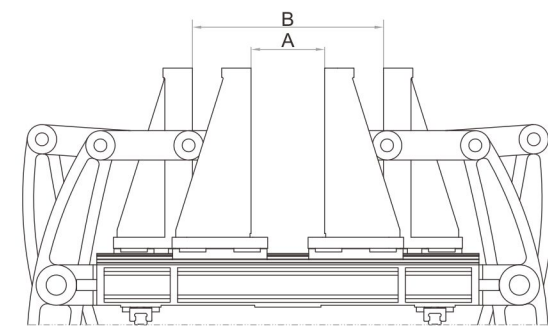
模架尺寸及适应瓶型(mm) Mould Platen Size & Product Specification(mm)



EB30U EB70U



EB70UW



机型Model	A	B	H	I2	I3	I4	I6
EB30U	150	400	280	150	100	80	-
EB30UW	200	450	280	180	120	100	60
EB70U	200	520	350	200	140	100	70
EB70UW	200	400	350	240	170	125	85



EB120U/EB300U高速双工位吹瓶机

EB120U/EB300U High Speed Double Station Blow Molding Machine

- 曲肘式对锁模结构，直线导轨承载模板开合模以及直线导轨承载双摆架平移，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、曲臂及移模架。
- 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。
- 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，可选配单模头到六模头，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。
- 油研(YUKEN)液压件，压力、流量双比例控制，电脑参数设定，运行平稳；特制移模减速阀，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。
- 德国西门子高速PLC电脑及多语言触摸屏操作界面，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PD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。
- 可选配自动打水口料、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。
- 可选配台湾宏讯、奥地利贝加莱、德国倍福等专业吹塑控制电脑。
- 可选装带张料下置式吹气装置。
- Toggle balance clamping structure, with platen opening & clamping and mold platen movement by linear guide, to achieve low friction and high speed.
- Based on the Finite Element Analysis design, and platen, toggle and platen frame made in high intensity nodular cast iron.
- High speed mold clamping oil cylinder with differential speed function, and high speed mold moving cylinder with special anti-shock cushion valve structure.
- 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.
- All hydraulic parts are from Yuken (Japan). Pressure & proportional control are set by PLC, which ensures the stable operation; Mold movement is controlled by special speed limited valves, 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.
- High speed Siemens (Germany) PLC with multiple language touch screen, easy-access menu display, is easy to control and 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.
- Taiwan Techmation, Autrian B&R, or German Beckhoff controller are all for optional choices.
- Optinal with movable blow pins and up & down bottom-up blow function.

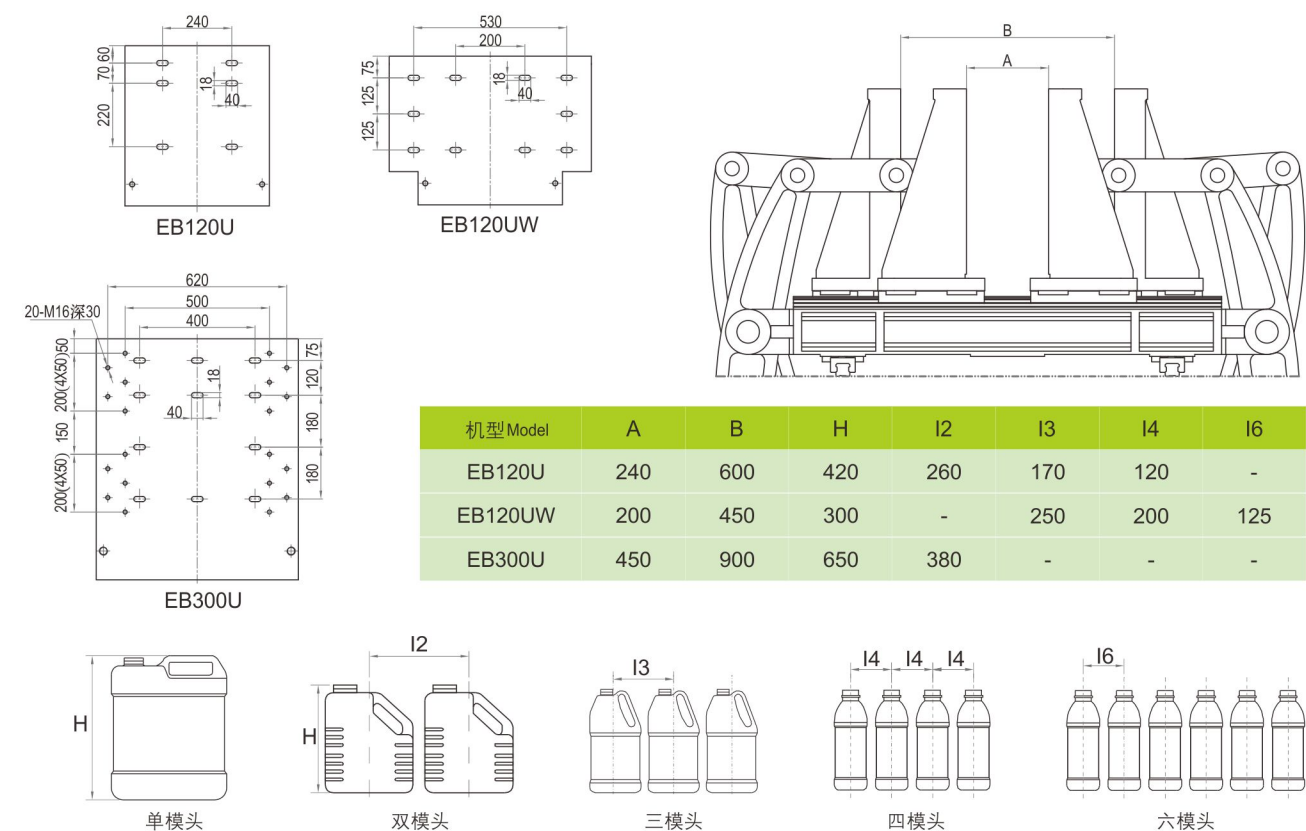


参数表 Technical Parameter

机型	Model	单位Unit	EB120U85	EB120U90	EB300U100
最大制品容量	Max. Product	L	12		30
锁模力	Clamping Force	KN	150		200
最大模具尺寸(宽×高)	Max. Mold Size(W×H)	mm	600×520	820×420	850×700
螺杆直径	Screw Diameter	mm	85	90-100	100
螺杆长径比	Screw L/D Ratio	L/D	24	24	24
螺杆最高转速	Screw Rotary Speed	RPM	70	70-75	70
HDPE挤料量	Extrusion Weight (HDPE)	kg/hr	130	150	200
挤出电机功率	Extrusion Motor Power	kw	30	37-55	55
油泵电机功率	Pump Motor Power	kw	22		22
加热功率	Heating Capacity	kw	20	22	25
操作气压	Operation Pressure	Mpa	0.6-0.8		0.6-0.8
耗气量	Air Consumption	m³/min	4		3
冷却水用量25℃	Chilled Water Consumption	L/min	300		400
油箱容量	Oil tank capacity	L	180		210
机台尺寸(长×宽×高)	Machine Dimension (L×W×H)	mm	4200×3500×3000		5500×5100×4300
理论机重	Machine Weight	kg	11000	11200	20000

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) Mould Platen Size & Product Specification(mm)





单工位S系列高速吹瓶机

Single Station S Series High Speed Blow Molding Machine

- 曲肘式对衡锁模结构，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、曲臂及移模架。
- 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。
- 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，可选配单模头到六模头，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。
- 油研 (YUKEN) 液压件，压力、流量双比例控制，电脑参数设定，运行平稳；特制移模减速阀，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。
- 德国西门子高速PLC电脑及多语言触摸屏操作界面，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。
- 可选配自动打水口料、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。
- Toggle balance clamping structure, with platen opening & clamping and mold platen movement by linear guide, to achieve low friction and high speed.
- Based on the Finite Element Analysis design, and platen, toggle and platen frame made in high intensity nodular cast iron.
- High speed mold clamping oil cylinder with differential speed function, and high speed mold moving cylinder with special anti-shock cushion valve structure.
- 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.
- All hydraulic parts are from Yuken (Japan). Pressure & proportional control are set by PLC, which ensures the stable operation; Mold movement is controlled by special speed limited valves, 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.
- High speed Siemens (Germany) PLC with multiple language touch screen, easy-access menu display, is easy to control and 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.

参数表 Technical Parameter

机 型	Model	单位Unit	EB30S55	EB70S70	
最大制品容量	Max. Product	L	4	7	
锁模力	Clamping Force	KN	65	85	
最大模具尺寸(宽×高)	Max. Mold Size(W×H)	mm	400×360	500×450	
螺杆直径	Screw Diameter	mm	55	70	65
螺杆长径比	Screw L/D Ratio	L/D	25	25	25
螺杆最高转速	Screw Rotary Speed	RPM	75	75	75
HDPE挤料量	Extrusion Weight (HDPE)	kg/hr	50	80	65
挤出电机功率	Extrusion Motor Power	kw	11	18.5	15
油泵电机功率	Pump Motor Power	kw	7.5	11	
加热功率	Heating Capacity	kw	8	15	18
操作气压	Operation Pressure	Mpa	0.6-0.8	0.6-0.8	
耗气量	Air Consumption	m³/min	1.0	2.0	
冷却水用量25℃	Chilled Water Consumption	L/min	40	70	
机台尺寸(长×宽×高)	Machine Dimension (L×W×H)	mm	3600×1700×2400	3780×1800×2500	
理论机重	Machine Weight	kg	3300	4200	4100

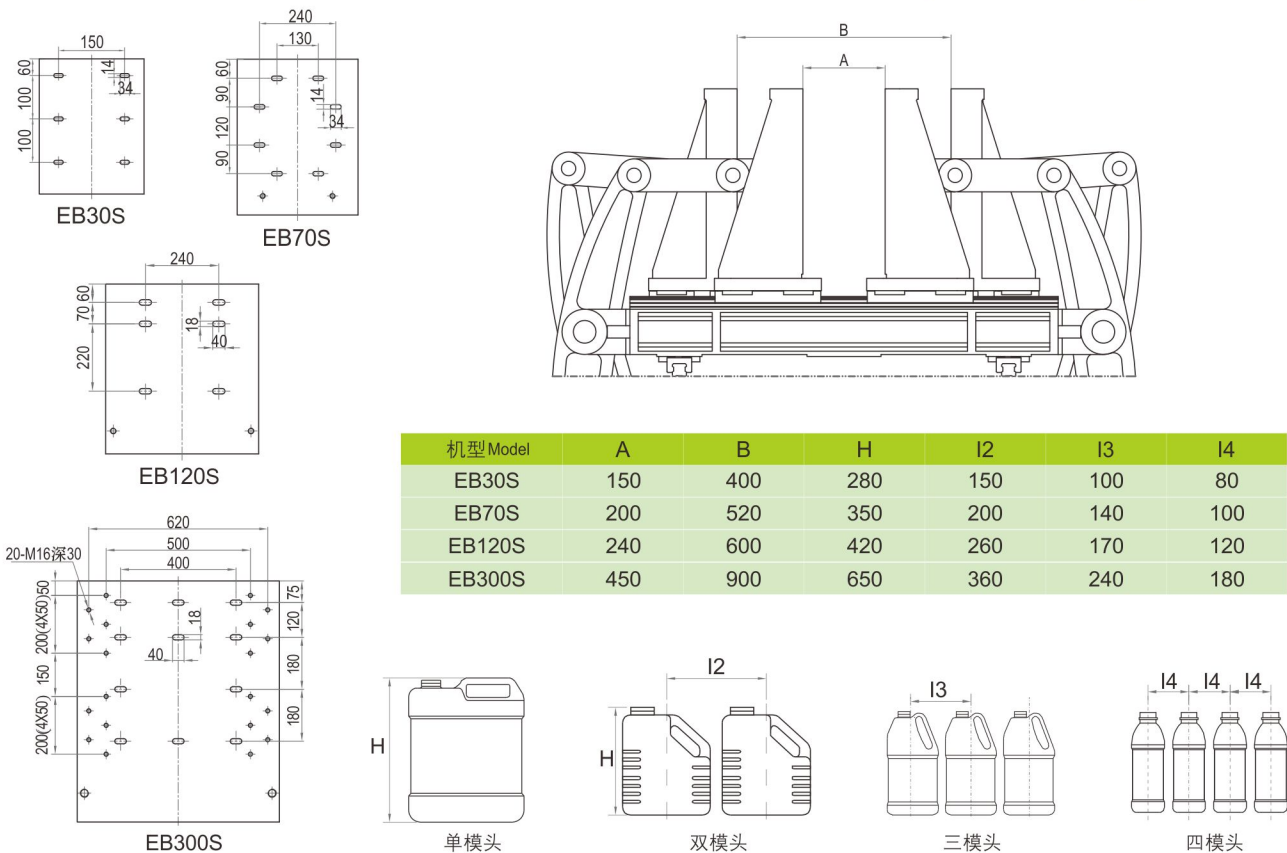
本公司根据产品提升的需要，可对技术参数、部份元件配置及服务内容进行更改，恕不另行通知。
According to upgrading of machine, we will change technical parameters, configuration of some parts and service's items without further notice.

参数表 Technical Parameter

机型	Model	单位Unit	EB120S85	EB300S100
最大制品容量	Max. Product	L	12	30
锁模力	Clamping Force	KN	150	200
最大模具尺寸(宽×高)	Max. Mold Size(W×H)	mm	600×520	800×700
螺杆直径	Screw Diameter	mm	85	90
螺杆长径比	Screw L/D Ratio	L/D	24	24
螺杆最高转速	Screw Rotary Speed	RPM	70	70
HDPE挤料量	Extrusion Weight (HDPE)	kg/hr	130	150
挤出电机功率	Extrusion Motor Power	kw	30	37
油泵电机功率	Pump Motor Power	kw	22	22
加热功率	Heating Capacity	kw	20	25
操作气压	Operation Pressure	Mpa	0.6-0.8	0.6-0.8
耗气量	Air Consumption	m³/min	4	3
冷却水用量25℃	Chilled Water Consumption	L/min	300	400
机台尺寸(长×宽×高)	Machine Dimension (L×W×H)	mm	4200×2200×3000	5300×2200×4300
理论机重	Machine Weight	kg	10000	15000

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) Mould Platen Size & Product Specification(mm)



EB250P/EB500P固定模架自动吹塑中空成型机

Automatic Extrusion Blow Molding Machine EB250P/EB500P

- 直线导轨支承单模架，经有限元分析设计，确保锁模力充足，不胀模。
- 超大开模行程，中心锁模，锁模力均衡，不变形。
- 大长径比高效混炼螺杆，确保塑化均匀，挤出稳定。
- 高精度无熔合线贮料模头，伺服壁厚控制器，提高产品档次，降低生产成本。
- 带张料功能可升降下吹机构，适应大容量制品工艺要求。
- 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。
- 油研(YUKEN)液压件，压力、流量双比例控制，电脑参数设定；具有快速合模功能，合模迅速、平稳。
- 气动元件选用德国费斯托(FESTO)、爱尔泰克(airtec)、日本SMC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。
- 德国西门子高速PLC电脑及多语言触摸屏操作界面，配合电子尺锁模控制，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PD加热温度控制，加热控制准确、稳定。
- 带安全保护光栅，确保生产安全无事故。
- 可选配自动取制品机械手、夹料式切刀等多种辅助装置，实现生产过程高度自动化。
- Single stations and linear guide supported, driven by hydraulic pressure, designed and analyzed by finite element aided software, ensure big clamping force, no expansion of mold.
- Large mold open stroke ensures the even clamping force and keeps the mold platens indeformable.
- 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.
- High precise non-parting line accumulator die head with parison controller reaches high quality products and reduces cost.
- Optimal with movable blow pins and up & down bottom-up blow function matches the requirement of large size product.
- Famous brand of vector inverter in high pulling torque, complied with special extrusion hardened reducer, can operate in stable, durable, and low noise state.
- All hydraulic parts are from Yuken (Japan). Pressure & proportional control are set by PLC, which ensures the stable operation; Mold movement is controlled by special speed limited valves, ensuring precise position and non-striking.
- Parts of pneumatic system are imported from FESTO (Germany), airtec(Germany), SMC (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.
- High speed Siemens (Germany) PLC with multiple language touch screen, easy-access menu display, is easy to control and 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.
- Safety raster ensures the safety during production.
- Fully automatic operation can be achieved by optional equipments like robot, clamp cutter.

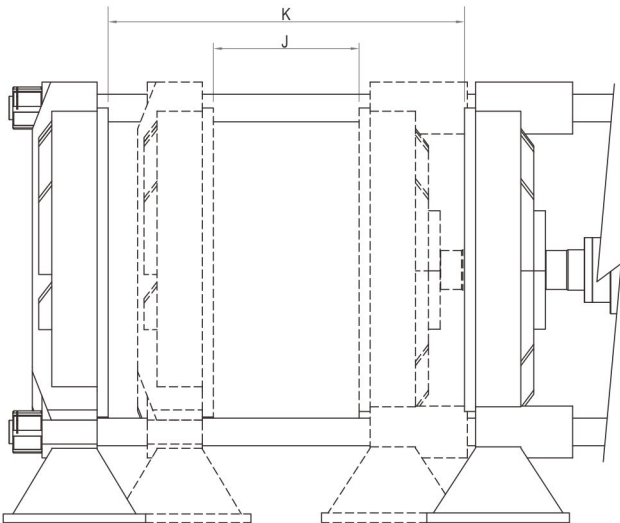
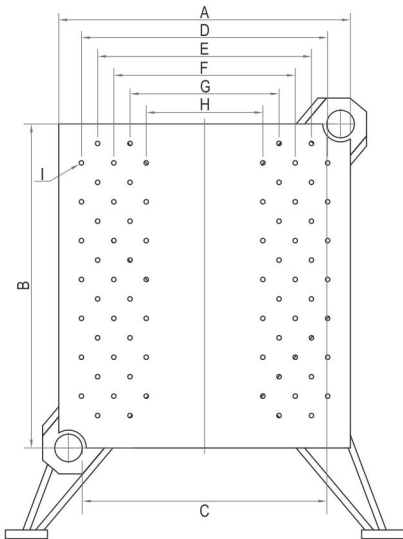


参数表 Technical Parameter

机型	Model	单位Unit	EB250P		EB500P	
最大制品容量	Max. Product	L	30		60	
锁模力	Clamping Force	KN	200		400	
空循环速度	Dry Cycle Time	Sec	6		8	
螺杆直径	Screw Diameter	mm	Ø75	Ø85	Ø90	Ø100
螺杆长径比	Screw L/D Ratio	L/D	24		25-28	
螺杆最高转速	Screw Rotary Speed	RPM	65	70	75	
HDPE挤料量	Extrusion Weight (HDPE)	kg/hr	85	110	130	160
挤出电机功率	Extrusion Motor Power	kw	22	30	37	55
油泵电机功率	Pump Motor Power	kw	22		22	
加热功率	Heating Capacity	kw	35		40	
操作气压	Operation Pressure	Mpa	0.6-0.8		0.6-0.8	
耗气量	Air Consumption	m³/min	2.0		2.5	
冷却水用量25℃	Chilled Water Consumption	L/min	120		150	
机台尺寸(长×宽×高)	Machine Dimension (L×W×H)	mm	4700×3500×3400		5300×3400×4250	
理论机重	Machine Weight	kg	11000		13000	

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) Mould Platen Size & Product Specification(mm)



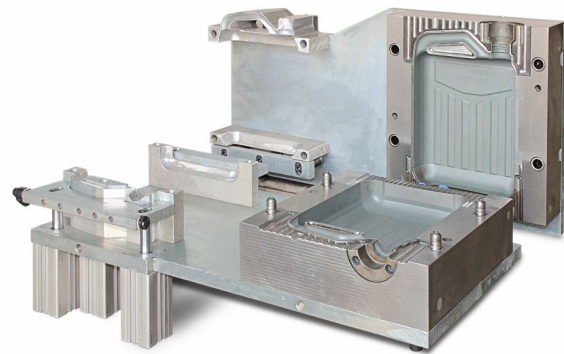
机型 Model	A	B	C	D	E	F	G	H	I	J	K
EB250P	760	760	565	620	520	420	320	-	M16	400	900
EB500P	900	1000	755	760	660	560	460	360	M16	450	1100

挤出吹瓶机配套辅机

Auxiliary Equipment

锣口机 Rotary Trimming Equipment

- 配合原有机台，针对薄壁瓶口、内翻瓶口或广口瓶进行自动切口。
- 确保瓶口光滑、切口无缺角，无突出。
- 工作过程不产生胶丝、胶粉。
- 切刀耐用，维护成本低。
- 运行速度无级可调。
- Can be used independently or equipped with the extrusion blow machine.
- Specially design for the thin/inversion neck size, or jar.
- Achieves smooth bottle mouth, no defective edge.
- No wiredrawing, no powder accruing.
- Deflashing separated with the product.
- Durable and low cost.
- Stepless adjustable speed.



自动打水口料装置 Auto deflashing equipment

- 配合机器电脑可全自动去除水口料，真正实现生产全自动。
- 选用优质名牌气动元件、直线轴承等，确保工作精度。
- Connected with the PLC for fully automatic production.
- Adopted with world famous brand pneumatic components, linear bearings, to ensure the precise operation.

伺服壁厚控制器 Parison Controller

- 世界名牌伺服阀配合LVDT位置检测。
- 50-100点电脑精密控制，自动拟合圆滑曲线。
- 可贮存20-100个配方。



- World famous brand servo valve with LVDT position testing.
- 50-100 points precise computer control, automatically make the fitted curve.
- 20-100 items saved in PLC.



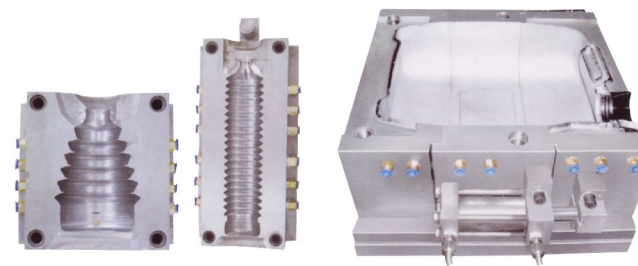
旋切瓶口装置 Rotary Trimming Configuration

- 针对薄壁瓶口、内翻瓶口或广口瓶。
- 配合机器电脑可全自动切除瓶口余料，真正实现生产全自动。
- 选用优质名牌气动元件、直线轴承等。确保工作精度。
- 切口均匀，确保瓶口光滑，无毛刺。
- 特殊刀头设计，工作过程不产生胶丝、胶粉。
- Equipped in the machine, specially for the thin/inversion neck size, or jar.
- Connected with the PLC for fully automatic production.
- Adopted with world famous brand pneumatic components, linear bearings, to ensure the precise operation.
- The cutting of bottle mouth is smooth and no flash.
- Specially design cutter ensures no wiredrawing, no powder accruing.



模头 Die head

- 使用合金钢并作加硬处理。
- 模头流道畅顺无积料，塑料化性能好。
- 可作多层及多模头设计。
- Adopted alloy steel with hardening.
- Good runner inside and good plasticization.
- Multi-layer & multi-die head can be adopted.



模具 Mould

- 根据生产及产品需要，选用进口镁铝合金(7075)、高级不锈钢模具钢等高档材料，确保模具使用寿命长，生产效率高。
- 凭借丰富经验，所制造模具在排气、冷却设计上臻于完美。
- 进口加工中心，满足复杂形状要求，保证尺寸准确。
- As per requirement, imported duralium 7075 or S136 stainless steel is used to guarantee the top quality and long life of the molds.
- Special design for the exhaust & cooling system.
- Imported CNC ensures the accuracy of the mold and be fitted to the special requirement of complicate shapes.



全系列辅机配套 Optional for all accessory equipments

BECKHOFF



MOOG

SIEMENS

Fuji Electric
富士电机

Schneider Electric

Danfoss

airtec

FESTO

SMC

YUKEN