欢迎关注宝捷订阅号微信
了解最新资讯及产品信息

宝捷策划2019年4月印

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

厂址: 中国・广东省佛山市三水区乐平镇创新大道西5号　邮编: 528137
ADD: No.5, ChuangXin Road West, LePing, SanShui, FoShan City, GuangDong, P.R.China
Service line:86-400 830 0005 | TEL:86-757-86697806 | FAX:86-757-86697861 | E-mail:powerjet@126.com

www.powerjet.cn

宝捷精机 PowerJet

EB 系列

挤出吹瓶机

EB Series

Extrusion Blow Molding Machine

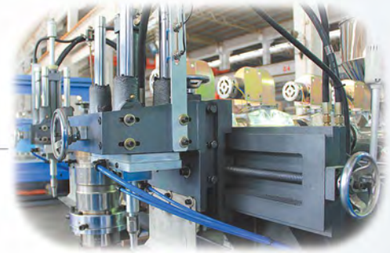
TECHNOLOGY ADVANTAGES

技术优势

新一代 NEW U系列 U Series

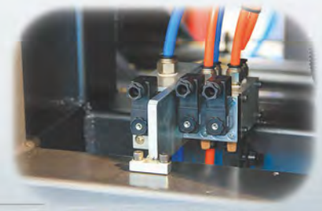
1 模头
Die-head

9 挤出系统
Extrusion system



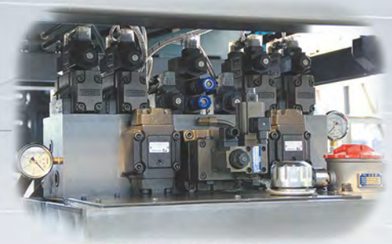
8 吹气组
Blowing units

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

3 平行式锁模
Parallel clamping units



6 进口液压元件
Imported hydraulic components

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

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

PRODUCTION PROFILES

产品介绍

EB10H全自动挤出吹瓶机

EB10H Automatic Extrusion Blow Molding Machine

- 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。
- 名牌液压件，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。
- 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。

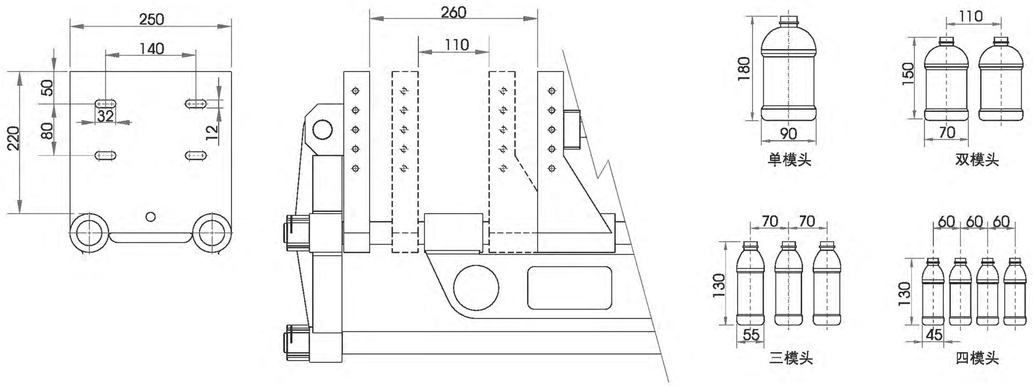
- Double stations and linear movement, high intensity stainless steel mould platens, driven by hydraulic pressure, designed and analyzed by finite element aided software, ensure big clamping force, no expansion of mold.
- Specially designed screw with high L/D ratio insures good plasticizing and stable 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.
- Brand-name hydraulic parts, 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.
- 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.
- 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	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
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/h	20	25	30
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	6.2	7.0	8.5
操作气压	Operation Pressure	MPa	0.6-0.8	0.6-0.8	0.6-0.8
耗气量	Air Consumption	m^3/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	2200×2000×2200		
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) Mold Platen Size & Product Specification(mm)



PRODUCTION PROFILES

产品介绍

EB25H/EB50H全自动挤出吹瓶机
EB25H/EB50H Automatic Extrusion Blow Molding Machine

- 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。
- 名牌液压件，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。
- 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。

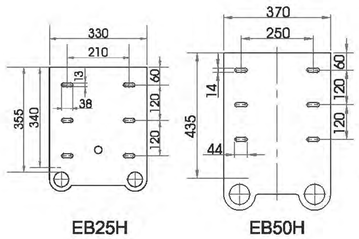
- Double stations and linear movement, high intensity stainless steel mould platens, driven by hydraulic pressure, designed and analyzed by finite element aided software, ensure big clamping force, no expansion of mold.
- Specially designed screw with high L/D ratio insures good plasticizing and stable 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.
- Brand-name hydraulic parts, 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.
- 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.
- 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

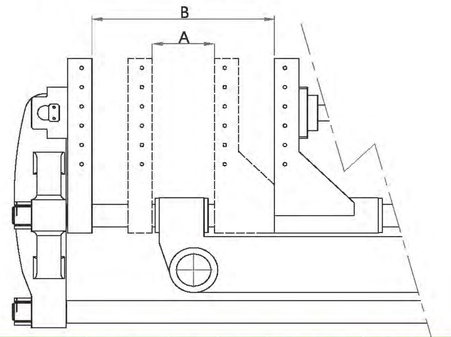
机型	Model	单位Unit	EB25H55S	EB25H65S	EB25H55-40D	EB25H65-40D	EB50H70S	EB50H75S	EB50H75-45D	EB50H75-25S	EB50H85S
最大制品容量	Max. Product	L	2.5				5				
锁模力	Clamping Force	kN	53/63				86/100 (Plus:120/140)				
螺杆直径	Screw Diameter	mm	Ø55	Ø65	Ø55+Ø40	Ø65+Ø40	Ø70	Ø75	Ø75+Ø45	Ø75+Ø25	Ø85
螺杆长径比	Screw L/D Ratio	L/D	25		25+25		25	24	24+25	24+20	24
螺杆最高转速	Screw Rotary Speed	rpm	72	65	72+40	65+40	65	72	72+40	72+25	65
HDPE挤料量	Extrusion Weight (HDPE)	kg/h	35	55	35+11	55+11	65	80	80+20	80+2	125
挤出电机功率	Extrusion Motor Power	kW	11	15	11+4	15+4	18.5	22	22+5.5	22+1.5	30
油泵电机功率	Pump Motor Power	kW	7.5				11				
加热功率	Heating Capacity	kW	14	17	14+4.5	17+4.5	17	19	19+6	19+3	21
操作气压	Operation Pressure	MPa	0.6-0.8				0.6-0.8				
耗气量	Air Consumption	m³/min	1.5				2.5				
冷却水用量25°C	Chilled Water Consumption	L/min	50				100				
油箱容量	Oil tank capacity	L	100				140				
机台尺寸	Machine Dimension	mm	3.1×2.4×2.2				3.7×2.8×2.3				4×2.8×2.5
理论机重(长×宽×高)	Machine Weight (L×W×H)	kg	3500	3900	4000	4500	6000	6200	6700	6700	7000

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.

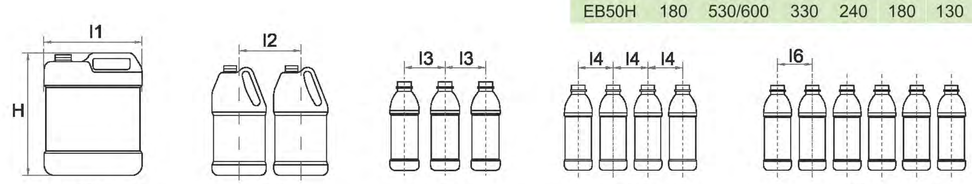
模架尺寸及适应瓶型(mm) Mold Platen Size & Product Specification(mm)



EB25H　　EB50H　　EB50H-Plus



机型Model	A	B	H	I1	I2	I3	I4	I6
EB25H	150	390	240	180	140	100	75	-
EB50H	180	530/600	330	240	180	130	100	65



单模头　双模头　三模头　四模头　六模头

PRODUCTION PROFILES

产品介绍

EB30U/EB70U高速双工位挤出吹瓶机
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，可选配单模头到八模头，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，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。
- 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。

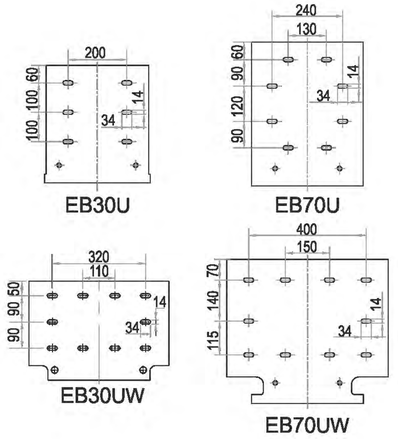
- ·Toggle balance clamping structure, with platen opening & clamping and mold platen movement by linear guide, to achieve low friction and high speed.
- ·Based on the Finite Element Analysis design, and platen, toggle and platen frame made in high intensity nodular cast iron.
- ·High speed mold clamping 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.
- ·Brand-name hydraulic parts, 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.
- ·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.
- Tanwan Techmation, Autrian B&R, or German Beckhoff controller are all for optional choices.

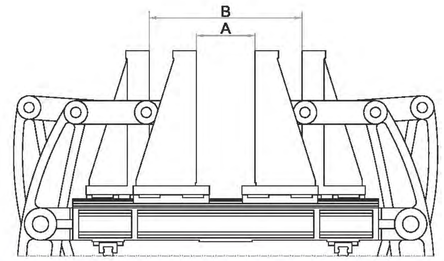
参数表 Technical Parameter

机型	Model	单位Unit	EB30U55	EB30U65	EB30U70	EB30UW65	EB30UW70	EB70U75	EB70UW75	EB70U85	EB70UW85
最大制品容量	Max. Product	L	4					7		10	
锁模力	Clamping Force	kN	65/85					85/110			
最大模具尺寸(宽×高)	Max. Mold Size(W × H)	mm	450 × 360			500 × 360		480 × 400	580 × 400	480 × 400	580 × 400
螺杆直径	Screw Diameter	mm	55	65	70	65	70	75		85	
螺杆长径比	Screw L/D Ratio	L/D	25					24			
螺杆最高转速	Screw Rotary Speed	rpm	72	65				72		65	
HDPE挤料量	Extrusion Weight (HDPE)	kg/h	35	55	65	55	65	80		125	
挤出电机功率	Extrusion Motor Power	kW	11	15	18.5	15	18.5	22		30	
油泵电机功率	Pump Motor Power	kW	7.5					11			
加热功率	Heating Capacity	kW	14	17				19		21	
操作气压	Operation Pressure	MPa	0.6-0.8					0.6-0.8			
耗气量	Air Consumption	m^3/min	2					3			
冷却水用量25℃	Chilled Water Consumption	L/min	50					100			
油箱容量	Oil tank capacity	L	95					130			
机台尺寸(长×宽×高)	Machine Dimension(L × W × H)	mm	3630×3260×2400					3780×3900×2500		4220×3900×2500	
理论机重	Machine Weight	kg	4400	4500	4600	4600	4700	5650	5750	5820	5950

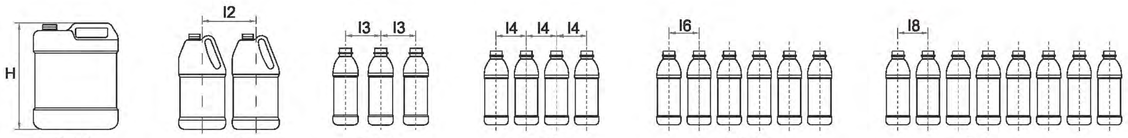
本公司根据产品提升的需要，可对技术参数、部份元件配置及服务内容进行更改，恕不另行通知。
According to upgrading of machine, we will change technical parameters, configuration of some parts and service's items without further notice.

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





机型Model	A	B	H	I2	I3	I4	I6	I8
EB30U	150	400	280	180	120	-	-	-
EB30UW	200	450	280	180	130	100	70	-
EB70U	200	520/590	350	200	-	-	-	-
EB70UW	200	520/590	350	250	160	125	80	80



PRODUCTION PROFILES

产品介绍

EB120U/EB300U高速双工位挤出吹瓶机

EB120U/EB300U 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，可选配单模头到八模头，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，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。
- 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。

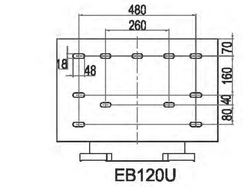
- ·Toggle balance clamping structure, with platen opening & clamping and mold platen movement by linear guide, to achieve low friction and high speed.
- ·Based on the Finite Element Analysis design, and platen, toggle and platen frame made in high intensity nodular cast iron.
- ·High speed mold clamping 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.
- ·Brand-name hydraulic parts, 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.
- ·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.
- Tanwan 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

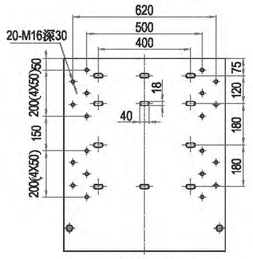
机型	Model	单位Unit	EB120U90	EB120UW100	EB300U100
最大制品容量	Max. Product	L	12		30
锁模力	Clamping Force	kN	240		200
最大模具尺寸(宽×高)	Max. Mold Size(W×H)	mm	730×420	820×420	850×700
螺杆直径	Screw Diameter	mm	90	100	100
螺杆长径比	Screw L/D Ratio	L/D	25	24	24
螺杆最高转速	Screw Rotary Speed	rpm	75	70	70
HDPE挤料量	Extrusion Weight (HDPE)	kg/h	150	180	180
挤出电机功率	Extrusion Motor Power	kW	37	55	55
油泵电机功率	Pump Motor Power	kW	22		22
加热功率	Heating Capacity	kW	27	30	35
操作气压	Operation Pressure	MPa	0.6-0.8		0.6-0.8
耗气量	Air Consumption	m^3/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	4615×4060×2815	4715×4460×2850	5500×5100×4300
理论机重	Machine Weight	kg	9500	10000	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.

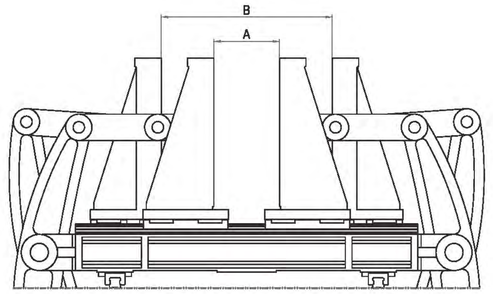
模架尺寸及适应瓶型(mm) Mold Platen Size & Product Specification(mm)



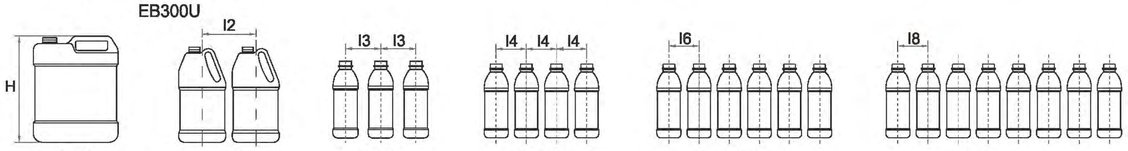
EB120U



EB300U



机型Model	A	B	H	I2	I3	I4	I6	I8
EB120UW	230	630	380	280	200	160	110	90
EB300U	450	900	650	380	-	-	-	-



单模头 双模头 三模头 四模头 六模头 八模头

PRODUCTION PROFILES

产品介绍

S系列高速单工位挤出吹瓶机

S Series High Speed Single 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。
- 名牌液压件，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。
- 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。

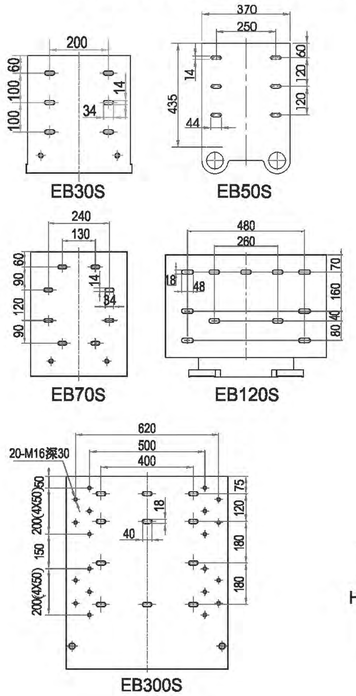
- Toggle balance clamping structure, with platen opening & clamping and mold platen movement by linear guide, to achieve low friction and high speed.
- Based on the Finite Element Analysis design, and platen, toggle and platen frame made in high intensity nodular cast iron.
- High speed mold clamping 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.
- Brand-name hydraulic parts, 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.
- 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.

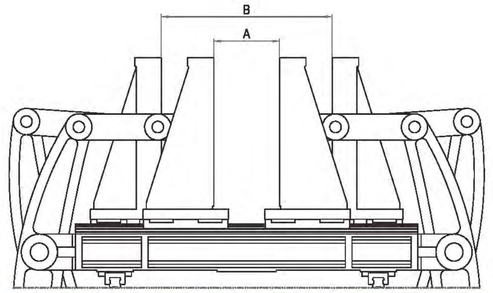
参数表 Technical Parameter

机型	Model	单位Unit	EB30S	EB50S	EB70S	EB120S	EB300S
最大制品容量	Max. Product	L	4	5	7	12	30
锁模力	Clamping Force	kN	65	86	85/110	240	200
最大模具尺寸（宽×高）	Max. Mold Size(W × H)	mm	480 × 360	480 × 430	580 × 450	730 × 420	850 × 700
螺杆直径	Screw Diameter	mm	55	70	75	85	100
螺杆长径比	Screw L/D Ratio	L/D	25	25	24	24	24
螺杆最高转速	Screw Rotary Speed	rpm	72	65	72	65	70
HDPE挤料量	Extrusion Weight (HDPE)	kg/h	35	65	80	125	180
挤出电机功率	Extrusion Motor Power	kW	11	18.5	22	30	37
油泵电机功率	Pump Motor Power	kW	7.5	11	11	22	22
加热功率	Heating Capacity	kW	14	19	19	21	35
操作气压	Operation Pressure	MPa	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8
耗气量	Air Consumption	m^3/min	1.0	2.0	2.0	3.0	4.0
冷却水用量25°C	Chilled Water Consumption	L/min	40	70	70	300	400
机台尺寸（长×宽×高）	Machine Dimension (L × W × H)	m	3.6×1.7×2.4	3.6×2.3×2.15	3.78×2.65×2.5	4.2×2.2×3	5.3×2.2×4.3
理论机重	Machine Weight	kg	3300	3800	4300	7500	13000

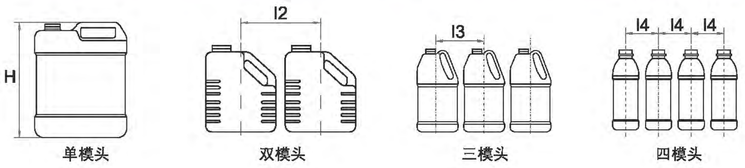
本公司根据产品提升的需要，可对技术参数、部份元件配置及服务内容进行更改，恕不另行通知。
According to upgrading of machine, we will change technical parameters, configuration of some parts and service's items without further notice.

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





机型Model	A	B	H	I2	I3	I4
EB30S	150	400	280	180	120	–
EB50S	180	600	330	180	130	100
EB70S	200	590	350	200	130	100
EB120S	230	630	380	280	200	160
EB300S	450	900	650	380	250	190



PRODUCTION PROFILES

产品介绍

EB30UE/EB70UE全电动挤出吹瓶机
EB30UE/EB70UE Full Electric Extrusion Blow Molding Machine

- 全机八个机械动作(移模、合模、插笔、抬头及伺服壁厚)均由独立的伺服电机精密控制、驱动，按需输出直接把电能转换成机器动作的机械能，相比传统气动/液压挤吹机，在动作部分节能约70%。
- 多项专利设计的驱动装置，确保机器高速平稳运行。
- 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。
- 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，可选配单模头到八模头，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。
- 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。
- 标准配置伺服壁厚控制器，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。

- Eight movements of the machine (Mold platen move, Mold close, Blow pin, Head liftand Thickness control) are controlled and driven by independent servo motors, and the on-demand output directly converts electrical energy into mechanical energy for machine movements. Comparing with traditional pneumatic/hydraulic extrusion blow molding, it can save about 70% in the action process.
- A number of patented design of the drive device ensures the smooth operation of the machine at high speed.

·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.

- 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, 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.

- 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 standard configuration to reach high quality products and reduce cost.

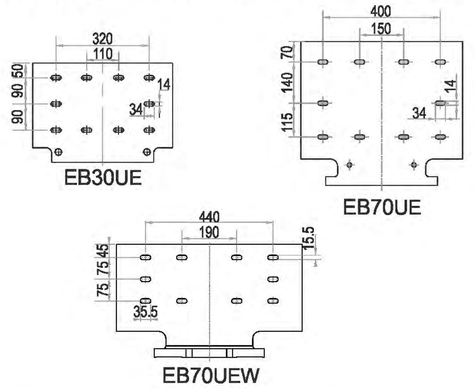
- Fully automatic operation can be achieved by optional equipments like auto-deflashing, rotary trimming device, or separated rotary trimming equipment.

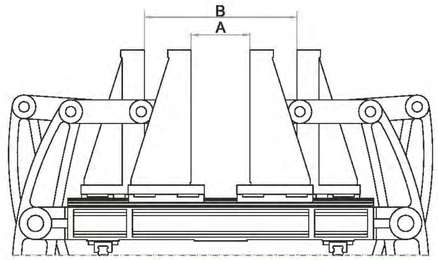
参数表 Technical Parameter

机型	Model	单位Unit	EB30UE65	EB30UE70	EB70UE75	EB70UEW85
最大制品容量	Max. Product	L	3		7	0.5×8
锁模力	Clamping Force	kN	65		120	
最大模具尺寸(宽×高)	Max. Mold Size(W×H)	mm	450×360		580×400	730×330
螺杆直径	Screw Diameter	mm	65	70	75	85
螺杆长径比	Screw L/D Ratio	L/D	25	25	24	
螺杆最高转速	Screw Rotary Speed	rpm	65	65	72	65
HDPE挤料量	Extrusion Weight (HDPE)	kg/h	55	65	80	125
挤出电机功率	Extrusion Motor Power	kW	15	18.5	22	30
伺服电机功率合计	Servo Motor Power	kW	35		50	
加热功率	Heating Capacity	kW	17		19	21
操作气压	Operation Pressure	MPa	0.6-0.8		0.6-0.8	
耗气量	Air Consumption	m^3/min	3		5	
冷却水用量25°C	Chilled Water Consumption	L/min	50		100	
机台尺寸(长×宽×高)	Machine Dimension (L×W×H)	mm	4000×3700×2700		4220×4400×2800	
理论机重	Machine Weight	kg	7000		8600	

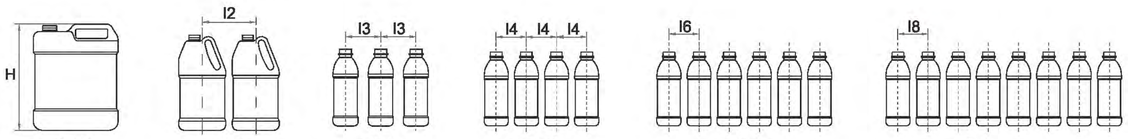
本公司根据产品提升的需要，可对技术参数、部份元件配置及服务内容进行更改，恕不另行通知。
According to upgrading of machine, we will change technical parameters, configuration of some parts and service's items without further notice.

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





机型Model	A	B	H	I2	I3	I4	I6	I8
EB30UE	180	355	280	180	130	100	70	-
EB70UE	200	520	350	250	160	125	80	80



PRODUCTION PROFILES

产品介绍

EB250P/EB500P固定模架自动吹塑中空成型机
EB250P/EB500P Automatic Extrusion Blow Molding Machine

- 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。
- 名牌液压件，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、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，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PID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。

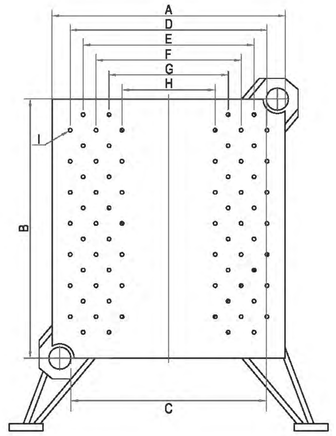
- ·Single stations and linear guide supported, driven by hydraulic pressure, designed and analyzed by finite element aided software, ensure big clamping force, no expansion of mold.
- ·Large mold open stroke ensures the even clamping force and keeps the mold platens indeformable.
- ·Specially designed 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.
- ·Optinal 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.
- ·Brand-name hydraulic parts, 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.
- ·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.
- ·Safety raster ensures the safety during production.
- Fully automatic operation can be achieved by optional equipments like robot, clamp cutter.

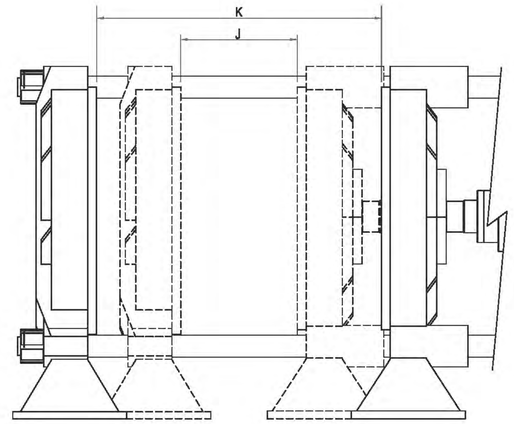
参数表 Technical Parameter

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
螺杆直径	Screw Diameter	mm	Ø75 Ø85	Ø90 Ø100
螺杆长径比	Screw L/D Ratio	L/D	24	25
螺杆最高转速	Screw Rotary Speed	rpm	72 65	75
HDPE挤料量	Extrusion Weight (HDPE)	kg/h	80 125	150 180
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	m^3/min	2.0	2.5
冷却水用量25°C	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) Mold 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

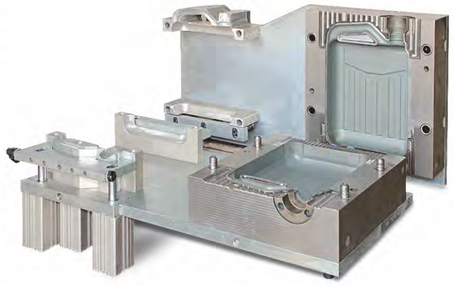
AUXILIARY EQUIPMENT

挤出吹瓶机配套辅机

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.

BECKHOFF　B&R　MOOG　SIEMENS　富士电机 Fuji Electric

旋切瓶口装置
Rotary Trimming Configuration

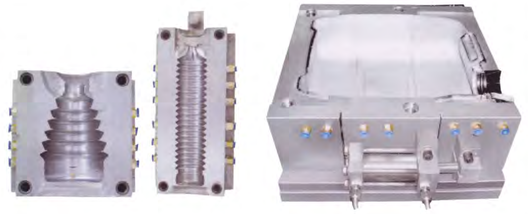
- 针对薄壁瓶口、内翻瓶口或广口瓶。
- 配合机器电脑可全自动切除瓶口余料，真正实现生产全自动。
- 选用优质名牌气动元件、直线轴承等。确保工作精度。
- 切口均匀，确保瓶口光滑，无毛刺。
- 特殊刀头设计，工作过程不产生胶丝、胶粉。

- Equipped in the machine, specially for the thin/inversion neck size, or jar.
- Connected with the PLC for fully automatic production.
- Adoped 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

Schneider Electric　Danfoss　airtec　FESTO　SMC　YUKEN