

产品介绍

Production Profiles

EB250P

EB500P

系列 SERIES

固定模架自动吹塑中空成型机

AUTOMATIC EXTRUSION BLOW MOLDING MACHINE



产品特点

- 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。
- 带引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。

Product Features

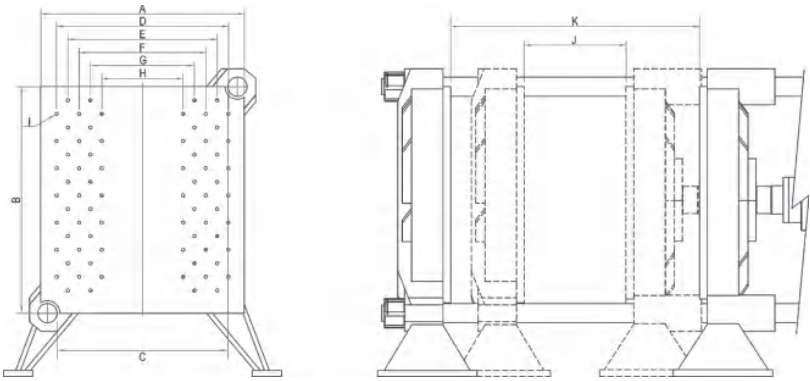
- Single stations and linear guide supported, driven by hydraulic pressure, designed and analyzed by finite element aided software, ensure big clamping force, no expansion of mold.
- Large mold open stroke ensures the even clamping force and keeps the mold platens indeformable.
- Specially designed screw 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.
- 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	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	60	60	
HDPE挤料量	Extrusion Weight (HDPE)	kg/h	120	150	180
挤出电机功率	Extrusion Motor Power	kW	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	mm	4700×3500×3400	5300×3400×4250	
理论机重	Machine Weight	kg	9000	11000	

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	640	540	440	340	-	M16	400	900
EB500P	900	1000	755	760	660	560	460	360	M16	450	1100