

产品介绍

Production Profiles



高速单工位挤出吹瓶机

HIGH SPEED SINGLE STATION BLOW MOLDING MACHINE



产品特点

- 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。

Product Features

- 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	EB30S65S	EB50S75S-plus	EB70S75S-plus EB70SW75S-plus	EB120SW85S	EB180S90S	EB300S100S
最大制品容量	Max. Product	L	4	10	10	12	20	30
锁模力	Clamping Force	kN	65/85	140	160	240	260	300
最大模具尺寸 (宽×高) Max. Mold Size(W×H)		mm	400×355	480×430	480×460 580×420	730×450	600×500	850×780
螺杆直径	Screw Diameter	mm	Ø65	Ø75	Ø75	Ø85	Ø90	Ø100
螺杆长径比	Screw L/D Ratio	L/D	25	24	24	24	25	24
螺杆最高转速	Screw Rotary Speed	rpm	65	65	65	60	60	60
HDPE挤料量	Extrusion Weight (HDPE)	kg/h	55	80	80	120	150	180
挤出电机功率	Extrusion Motor Power	kW	15	22	22	30	37	55
油泵电机功率	Pump Motor Power	kW	7.5	11	11	22	22	22
加热功率	Heating Capacity	kW	17	19	19	21	27	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	0.6-0.8
耗气量	Air Consumption	m³/min	1.0	2.0	2.0	3.0	3.0	4.0
冷却用水量25℃	Chilled Water Consumption	L/min	40	70	70	200	200	300
油箱容量	Oil tank capacity	L	100	120	120	150	150	180
机台尺寸 (长×宽×高)	Machine Dimension	mm	3800×2220×2400	4400×2120×2400	4450×2460×2700	4800×2500×2900	5200×2600×3100	6000×2800×3600
理论机重	Machine Weight	kg	3300	5000	5500	7000	8500	10000

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)

