

产品介绍

Production Profiles



全自动挤出吹瓶机

AUTOMATIC EXTRUSION BLOW MOLDING MACHINE



产品特点

- 采用力臂与模板分件设计，避免因受力产生锁模力失衡情况，锁模稳定性更高、速度快、重心低，调试及维护方便。
- 配置锁模电子尺，实现自动调模、数字化参数管理。
- 直线导轨移模设计，降低润滑油污染、能耗低、动作稳定性高、维修方便。
- 加大开模行程，适合配套应用贴标机等辅助设备、模具适用性高。
- 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。
- 优化设计降低机械、液压动作及吹排气管噪音，提升环保水平，营造舒适工作环境。
- 采用欧洲先进PLC并配合自主知识产权的控制系统，设备运行稳定、响应迅速、动作可靠。
- 通过紧凑设计理念，更小的空间占用产生更高的生产效应，有利于车间规划及连线生产。
- 通过吸收先进的框架式结构设计技术，引入预应力考量，达至机台轻量化设计；机器可上楼生产，降低厂房使用成本。
- 配置安全护栏到位检测，确保机器运行中的生产安全。
- 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；特制移模减速机，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。
- 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、德国倍福等专业工业控制电脑。
- 可选配减速移模油缸，便于调整模具位置。
- 可选配电动移模，便于调整模具位置，缩短成型周期，快速高效。
- 可选配电动升降平台，便于调整模头高度。
- 可选配电动横移描笔架，便于模具安装。

Product Features

- Design of the force arm and the formwork as separate parts to avoid the unbalance of the clamping force caused by the force deformation. Higher clamping stability and faster speed. The machine has a low center of gravity so it is easier to debug and maintain. Equipped with clamping electronic ruler to realize automatic mold adjustment and digital parameter management.
- The design of the linear guide way to move the mold reduces the pollution of lubricating oil, low energy consumption, high movement stability and convenient maintenance.
- Increase the mold opening stroke, suitable for auxiliary equipment such as labeling machines, and the mold has high applicability.
- High-efficiency mixing screw with large aspect ratio ensures uniform charging and stable extrusion; high-precision non-fusion line die head, single-die head to six-die head can be selected to meet the requirements of high-quality products.
- The optimized design reduces the noise value of mechanical, hydraulic action and blowing and exhausting, improves the level of environmental protection, and creates a comfortable working environment.
- Using European advanced PLC and control system with independent intellectual property rights, the equipment runs stably, responds quickly, and operates reliably.
- Through the compact design concept, smaller space occupation produces higher production effect, which is beneficial to workshop planning and in-line production.
- By absorbing advanced frame-beam structure design technology and introducing pre-stress considerations, the lightweight design of the machine is achieved; the machine can be produced upstairs, reducing the cost of plant use.
- Safety guardrail in-place detection to ensure production safety during machine operation.
- Famous brand high-torque vector inverter with special hard-tooth surface reducer for extrusion, stable transmission, low noise, reliable and durable.
- Famous brand hydraulic parts, pressure and flow double proportional control, computer parameter setting, stable operation; special mold shifting deceleration valve, accurate positioning, no impact.
- Pneumatic components use original components from world-class brands such as Germany and Japan to ensure accurate and reliable action, large flow rate and small leakage.
- Customized computer for bottle blowing by famous brand manufacturers, the parameter setting is highly user-friendly, easy to master and easy to operate.
- A variety of automatic post-processing devices such as auto-deflashing, rotary trimming equipment and rotary trimming configuration can be selected to realize a high degree of automation in the production process.
- Professional blow molding control computers such as Taiwan Techman and Germany Beckhoff are optional.
- Deceleration die-moving oil cylinder is optional for easy adjustment of mold position.
- Electric mold shifting is convenient to adjust the mold position is optional, shorten the cycle time, fast and efficient.
- Electric lifting platform is optional to adjust the height of the die head.
- Electric traverse blow pin holder is optional, which is convenient for mold installation.

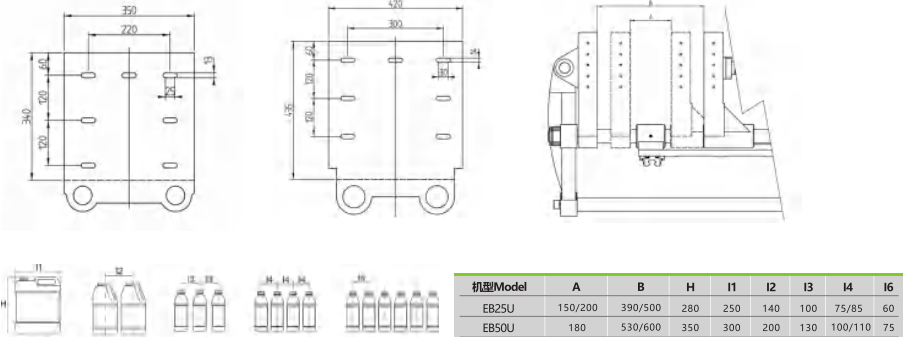
参数表 Technical Parameter

机型	Model	单位Unit	EB25U55S	EB25U65S	EB25U65-40D	EB25U70S
最大制品容量	Max.Product	L	2.5			
锁模力	Clamping Force	KN	63			
摆架行程	Carriage Stroke	MM	400/450			
最大模具尺寸 (宽x高)	Max. Mold Size(WX-H)	MM	380x340/430x340			
螺杆直径	Screw Dia	MM	Φ55	Φ65	Φ65+Φ40	Φ70
螺杆长径比	Screw L/D Ratio	L/D	25	25	25+25	25
螺杆最高转速	Screw Rotary Speed	RPM	75	65	65+50	65
HDPE挤料量	Extrusion Weight(HDPE)	KG/H	35	55	55+11	65
挤出电动功率	Extrusion Motor Power	KW	11	15	15+4	18.5
油泵电机功率	Pump Motor Power	KW	7.5			
加热功率	Heating Capacity	KW	14	17	21.5	17
操作气压	Operation Pressure	MPA	0.6-0.8			
耗气量	Air Consumption	M ³ /MIN	1.5			
冷却水用量25℃	Chiled Water Consumption	L/MIN	50			
油箱容量	Oil Tank Capacity	L	100			
机台尺寸 (长x宽x高)	Machine Dimension	MM	3530x2440x2300			
理论机重	Machine Weight	KG	3600	4000	4400	4200

机型	Model	单位Unit	EB50U75S	EB50U85S	EB50U75-25SV	EB50U75-45D
最大制品容量	Max.Product	L	10			
锁模力	Clamping Force	KN	140			
摆架行程	Carriage Stroke	MM	500/550			
最大模具尺寸 (宽x高)	Max. Mold Size(WX-H)	MM	480x435/530x435			
螺杆直径	Screw Dia	MM	Φ75	Φ85	Φ75+Φ25	Φ75+Φ45
螺杆长径比	Screw L/D Ratio	L/D	24	24	24+20	24+24
螺杆最高转速	Screw Rotary Speed	RPM	65	60	65+30	65+50
HDPE挤料量	Extrusion Weight(HDPE)	KG/H	80	120	80+2	80+20
挤出电动功率	Extrusion Motor Power	KW	22	30	23.5	27.5
油泵电机功率	Pump Motor Power	KW	11			
加热功率	Heating Capacity	KW	19	17	21	25
操作气压	Operation Pressure	MPA	0.6-0.8			
耗气量	Air Consumption	M ³ /MIN	2.5			
冷却水用量25℃	Chiled Water Consumption	L/MIN	100			
油箱容量	Oil Tank Capacity	L	130			
机台尺寸 (长x宽x高)	Machine Dimension	MM	3850x2740x2740			
理论机重	Machine Weight	KG	6200	7000	6600	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)
Mold Platen Size & Product Specification(mm)



机型Model	A	B	H	I1	I2	I3	I4	I6
EB25U	150/200	390/500	280	250	140	100	75/85	60
EB50U	180	530/600	350	300	200	130	100/110	75