

名称	ITEM	ISBM 100E	ISBM 180E	ISBM 350E
螺杆直径	Screw Diameter	35mm	40mm	50mm
最大注射容器	Injection Capacity (max.)	100cm ³	180cm ³	350cm ³
注模合模力	Injection Clamping Force	120kN	200kN	400kN
吹模合模力	Blowing Clamping Force	50kN	100kN	180kN
总功率	Total Power	40kW	70kW	85kW
运转功率	Operating Power	10~20%		
吹塑空气压力	Blowing Air Pressure	3~3.5Mpa		
工作空气压力	Working Air Pressure	0.7~0.9Mpa		
冷却水压力	Cooling Water Pressure	0.25~0.40 Mpa		
外型尺寸	Overall Dimension (L X W X H)	450x100x300cm	500x115x300cm	600x160x310cm
重量 (约)	Weight (Approx.)	3.8t	5.8t	8.2t

* 如果参数及功能变更, 恕不另行通知。 Parameters and functions are subject to change without further notice.

If you would like to have more information about our machinery, please send us an e-mail or fax. Or even better give us a call!

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ISBM E Series Full Electric Powered Injection Stretch Blow Molding Machine ISBM E 系列全电动注拉吹成型机

ISBM E

Household Bottle
Dairy Bottle
Pharmaceutical Bottle
Food Bottle
Condiment Bottle



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ISBM E 系列全电动注拉吹成型机

该机为一步法全电动成型设备，适用于PET、PC、PP等热塑性塑料，广泛用于制造医药、保健品、化妆品等行业。设备采用四工位回转装置、热流道系统和多级注射成型系统，注塑、调温、拉伸吹塑、制品取出四工位，全部采用伺服电机驱动，能源消耗显著降低，是现代绿色生产的首选设备。

ISBM E Series Full Electric Powered Injection Stretch Blow Molding Machine

This machine is the full electric powered molding equipment, which is applicable to thermoplastic materials such as PET, PC, PP and others. It is widely used for manufacturing the packaging bottles in industries as pharmaceutical, health care and cosmetics. It adopts the four-station rotary device, hot runner system and multi-stage injection molding system, with four work stations including injection, temperature regulating, stretch blow molding and product output which are all driven by servo motors, and the energy consumption is remarkably reduced. This equipment ranks first in your selection for modernized green production.

ISBM 180E

效率提升 20%
节能(约) 60%
Efficiency lifting 20%
Energy saving (approx.) 60%



* 照片中的设备已包含选配件。The machine in the picture includes the optional components.
* 资料内所描述的部分功能为选配件功能。 Part of the functions described in this catalog is of the optional functions.

- 奥地利B&R品牌全伺服驱动系统的运用，使设备与传统液压机型相比，节省60%以上的电能消耗。
- 整机运行稳定，噪音低，震动少，没有液压油的泄漏的风险，不会造成环境污染，洁净程度高，完全符合GMP要求。
- 四工位旋转台装备高性能伺服驱动系统，旋转速度快，定位精度高，大幅度缩减空循环周期。
- 整机运行工艺稳定，注射预塑采用伺服电机驱动，对注射压力、保压压力、预塑背压进行闭环控制，并配备多压力、速度、位置的切换功能。
- 锁模单元采用伺服电机驱动连杆机构运行，定位精度高，合模力稳定并且过载能力强，同时在锁模状态下，伺服电机不工作，降低电能消耗。
- 通过人机界面对设备参数及工艺参数进行设定并实时监控设备运行，配合面板开关，整机操作简便、直观、高效。
- 模具型腔选用进口不锈钢模具钢，由世界知名品牌的高精度数控设备加工制造，确保模具的高品质。
- The application of B&R all servo drive system from Austria saves over 60% electric power consumption compared with traditional hydraulic model.
- The unit is running stably with low noise and less vibration, it has not the risk of leakage of hydraulic oil and shall not result in environment pollution, featuring high hygiene and complete compliance of GMP.
- Four-station rotary table is equipped with high performance servo driven system, featuring fast rotation speed, high positioning precision and extensively reduced empty running cycle.
- The operation of machine is stable in process. Driven by servo motor, the injection preplasticization is controlled by closed loop for injection pressure, holding pressure, preplasticiation backpressure, and the function of switch over for pressure, speed and position is also available.
- The mold locking unit adopts servo motor to drive the connection rod mechanism, with high positioning precision, stable mold clamping force and heavy overload capability. Within the mold locking status, the servo motor is not working, and the electric power consumption is reduced.
- The equipment parameter and process parameter setting are realized through HMI which also provides the real-time monitoring of equipment running, and in association with panel switches and buttons, the unit operation features convenient, visual, and efficient.
- The mold cavity is made of imported stainless mold steel, and is machined and manufactured by international well known high precision CNC equipments to ensure the premium quality of mold.

