

MSZ50
INJECTION BLOW MOLDING MACHINE

注吹中空成型机



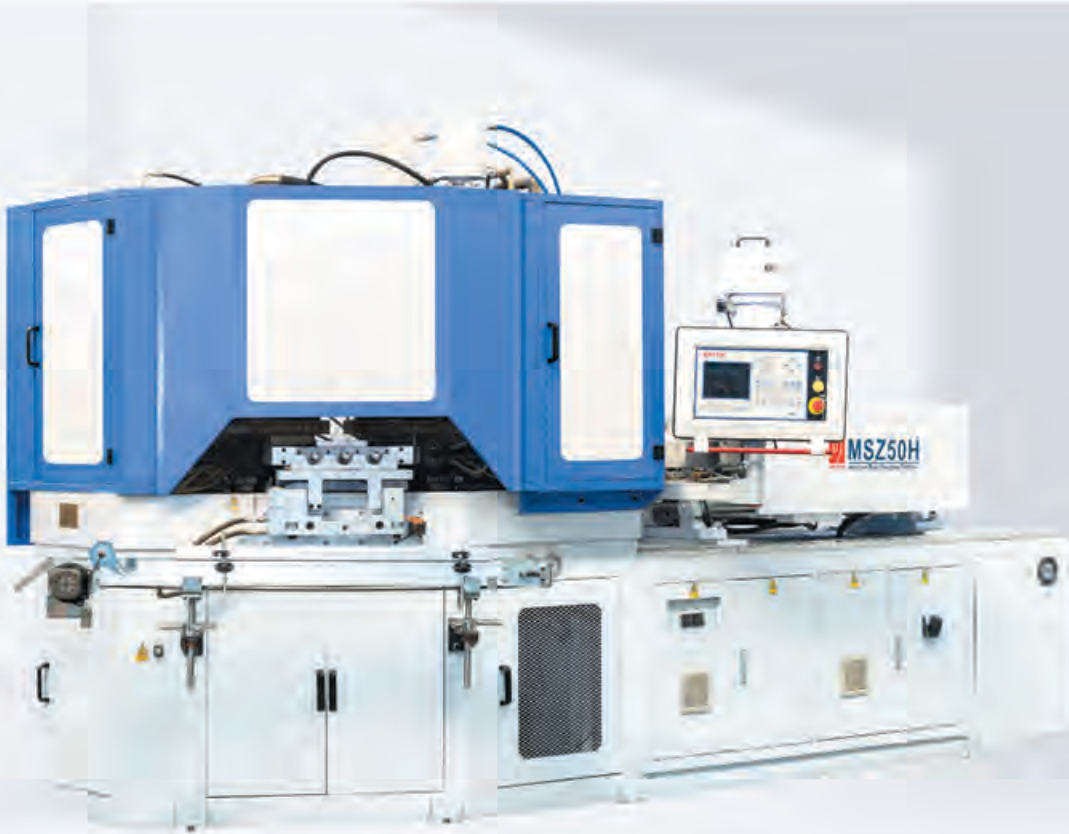
标准机
Standard



高速机
High-speed



定制机
Customised /IML



技术特点 Technical Features

- ✓ 独创双缸锁模结构，开合模速度快，生产周期短，效率高
- ✓ 伺服液压系统，控制精准，节能25%以上
- ✓ 卧式注射，塑化稳定，操作方便
- ✓ 单横梁结构，拆卸模具方便
- ✓ 通用性强，可兼容MSZ45/MSZ40模具
- ✓ Special designed dual-cylinder clamping unit, mould open and close fast, idle cycle time fast, efficiency high.
- ✓ Servo hydraulic system, precision control, energy saving 25% more than vane pump drive.
- ✓ Horizontal injection design, plasticating reliable and operation easy.
- ✓ Single crossbeam style clamping system, easy for mould amounting.
- ✓ Generality high, same mould fitting as MSZ45 and MSZ40

选配 Optional

- ✓ 电预塑，可实现同步预塑
- ✓ 气动翻转，安全洁净
- ✓ 直线导轨射台，阻力小，精度高
- ✓ 伺服脱模翻转，节能洁净
- ✓ 伺服回转，回转定位精度高
- ✓ Electric preplastication,can be synchronization in plasticising
- ✓ Pneumatic stripping plate,safe and clean
- ✓ Linear guide beam, small resistance, high precision
- ✓ Servo stripping system,saving more energy and oil-free condition
- ✓ Servo rotation device, improve rotary positioning accuracy

模具腔数
Mould Cavitation

腔数	No. of Cavities	2	4	6	7	8	9	10	12	13
口径	Neck Diameter (mm)	45	40	35	35	30	25	25	20	10
瓶身直径	Body Diameter (mm)	80	60	50	45	40	35	30	25	20
最大高度	Max. Height (mm)	220	180	140	100	80	70	60	50	40
最大容积	Max. Volume (ml)	1000	400	200	100	60	40	30	20	15

* 仅供参考，实际腔数依客户提供的瓶型而定。Only for reference, based on bottle shape.

主要技术参数
Main Technical Parameters

注射机构	Injection system	Unit	MSZ50	
螺杆直径	Screw diameter	mm	45	50
螺杆长径比	Screw	L/D	23:1	23:1
最大注射容积	Shot volume	cm³	318	392
最大注射量	Injection weight (HDPE)	g	301	372
螺杆转速	max.Screw speed	rpm	10-235	
机筒加热功率	Heating capacity	KW	10	
合模系统	Clamping system			
注塑锁模力	Clamping force of injection	KN	500	
吹塑锁模力	Clamping force of blowing	KN	89	
最大模板尺寸	Max.Platen size (L×W)	mm	560×390	
最小模具厚度	min.Mold thickness (H)	mm	240	
模具加热功率	Heating capacity of mould	KW	3.6	
脱模系统	Stripping system			
脱模行程	Stripping stroke	mm	270	
空运转时间	Dry cycle	sec	3.5	
驱动系统	Driving system			
驱动电机	Motor power	KW	22	
系统压力	Hydraulic pressure	Mpa	15	
制品尺寸范围	Product range			
制品容积	Suitable bottle range	ml	5-800	
制品高度	Max.Bottle height	mm	≤200	
制品直径	Max.Dia. of bottle	mm	≤100	
其他	Others			
压缩空气压力	Min.Air pressure	Mpa	1	
压缩空气排量	Discharge rate of compressed air	m³/min	≥0.7	
冷却水流量	Water flowage	m³/h	4	
额定总功率（含模具加热）	Total rated power with mold heating	KW	35.6	
设备尺寸	Dimension (L×W×H)	m	4.11×1.44×2.5	
设备净重	Net weight	Ton	5.7	