



关于维达 About VICTOR

江苏维达机械有限公司创立于1958年，是一家集研发、生产、销售于一体的科技创新型企业，致力于为全球客户提供高品质定制化的塑料机械解决方案。公司位于江苏省张家港市高新区，交通便利，产品畅销全球50多个国家和地区。

公司主营产品包括注吹中空成型机、精密模具、挤出压延生产线等，产品广泛应用于医疗健康、食品日化包装、环保过滤、5G通信等行业，在各细分领域均占市场领先地位。作为国家级专精特新“小巨人”企业、高新技术企业，维达机械是注吹中空成型机多项国家标准、行业标准的主要起草单位。

公司注重技术创新和研发投入，围绕高效节能，潜心打造绿色、安全、智能的装备，利用云平台和物联网技术，满足客户数字化服务需求。公司拥有先进的精密加工设备和自动柔性生产线，通过建设5G数字工厂，实现订单全流程透明化管理。

维达机械始终以科技创新为驱动力，不断探索智能制造和数字化转型的深度与广度，秉承让客户放心、给员工幸福的经营理念，与全球合作伙伴携手塑造更高效、更可持续的产业未来。

VICTOR MACHINERY, founded in 1958, located in Zhangjiagang, is a tech-innovating firm integrating R&D, production, and sales. We provide high-quality customized plastic machinery turn-key solution. Its products have gained wide acceptance and are distributed across more than 50 countries and regions globally.

The company's main products include injection blow molding machine, precision mold, and extrusion production line, applied in medical and health, food and daily chemical packaging, environmental protection filtration, and 5G communication, holding market-leading positions. As a national "Little Giant" and high-tech enterprise, Victor Machinery is a key drafter of many national and industry standards for IBM machines.

Emphasizing innovation and R&D, Victor Machinery focuses on energy-efficient and green equipment. It uses cloud and IoT tech to serve customers digitally. Equipped with advanced processing tools and automated lines, its 5G digital factory ensures clear order management. Innovation-driven, Victor Machinery pursues intelligent manufacturing and digital change. With a customer-centric and employee-friendly philosophy, it partners globally for a more efficient and sustainable industry future.

我们的合作伙伴 Our Partners



AUTOMATIC AND INTELLIGENT INJECTION BLOW MOLDING SOLUTION

自动化、智能化的注吹解决方案

作为交钥匙解决方案的供应商，从概念规划到方案设计、制造和交付，我们为您提供可靠、稳定的机器、模具以及模内贴标、在线检测、自动打包等个性化方案，一站式服务，不仅能提高效率和质量，同时降低成本和时间投入。

As a supplier of turn-key solutions from concept planning to design, manufacturing and delivery, we will provide not only the good machine & mold but also specially designed on-line systems for In-Mold Labeling (IML), leak detection, visual inspection, automatic packing / bagging systems.



贴标吹瓶一次完成，提高产品附加值
Labeling and forming are done simultaneously, improve product added value



影像识别，可靠控制质量
Image recognition, with reliable quality control



精准高效，提高产品合格率
Accurate and efficient, improve product percentage of pass



减少人力，避免二次污染
Reduce the manpower, avoid secondary pollution

IN-MOLD LABELING (IML) FOR IBM THE CHOICE OF AN INNOVATION

注吹模内贴标：一个创新的选择



江苏维达机械有限公司
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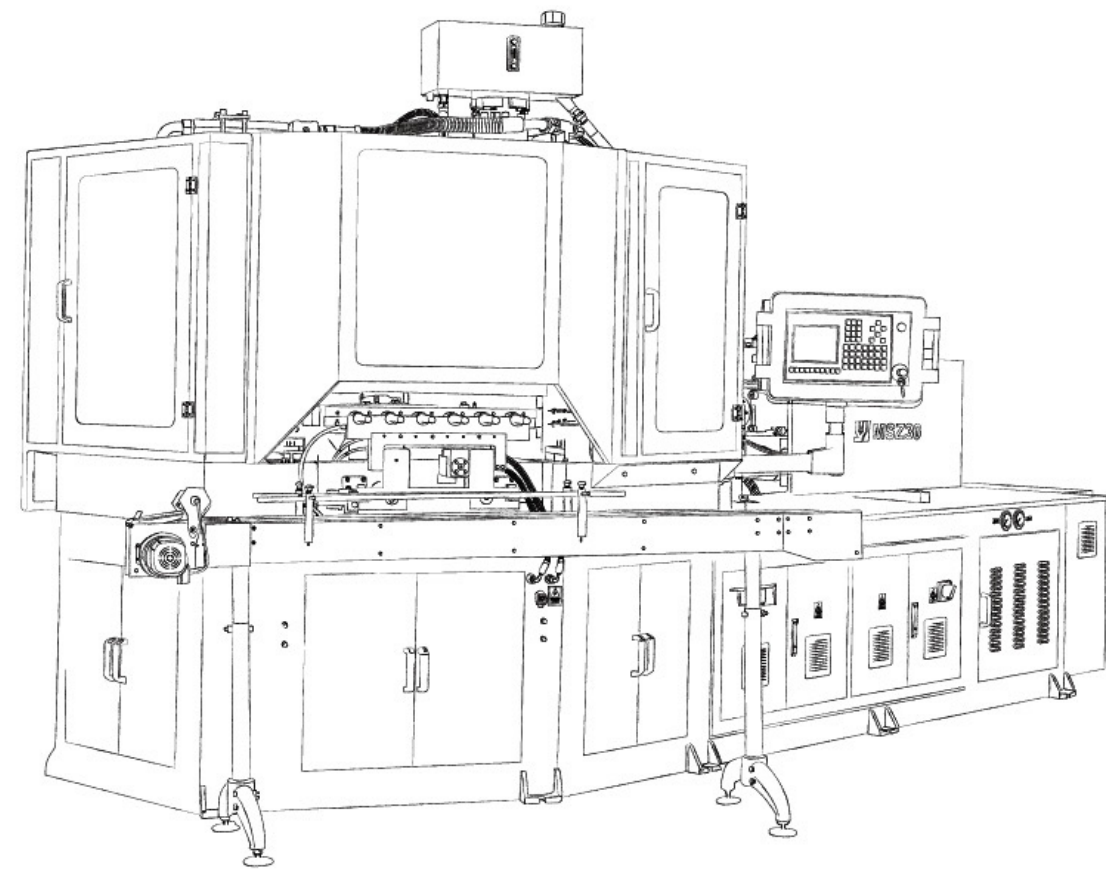
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MSZ

INJECTION BLOW MOLDING MACHINE FOR PLASTIC BOTTLES

三工位注吹中空成型机

www.victorpm.com | www.victorcnc.com



HIGH-PRECISION MOULDS 高精度、高质量的模具配套

注吹模 I.B.M. Moulds

应用于MSZ型设备，和各种欧美机型
Moulds are suitable for MSZ serial machine,
also special designed for Jomar & Uniloy
machines.

选配 Optional

- ☒ 铝镁合金吹塑模
- ☒ Magnalium blow mold



特点 Features

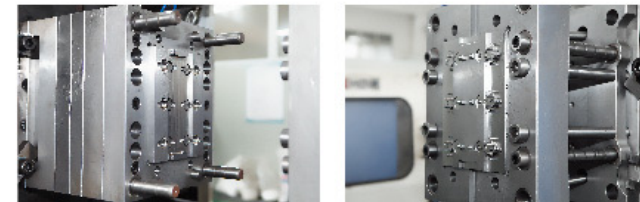
- ☒ 模具设计经验丰富
- ☒ 高精度的零件加工
- ☒ 热处理硬度高
- ☒ 开合模寿命长
- ☒ Experienced Mould Design
- ☒ High Precision Tooling
- ☒ High Hardness Treatment
- ☒ High Service Life

注塑模 Moulds

我们能为您设计和制作各种包装用注塑模具，实现与瓶子的精确配合。
We can supply kinds of moulds for packaging industry products,
make cap have good fitment with bottle.

选配 Optional

- ☒ 热流道
- ☒ Hot runner



案例 Case

容积 Approx. Volume	最大瓶身直径 Max. Body Diameter	最小口部直径 Mini. Neck Diameter	最大高度 Max. Height	最小重量 Mini. Weight	中心距 Center Distance	腔数 Max. Cav. No.							
						MSZ25	MSZ30	MSZ40	MSZ45	MSZ50	MSZ60	MSZ70	MSZ95
5ml	20mm	6mm	60mm	3g	35mm	7	9	10	12	12	18	20	24
30ml	30mm	8mm	75mm	6g	45mm	6	7	9	10	10	14	16	20
60ml	40mm	13mm	90mm	9g	56mm	4	6	7	8	9	10	12	16
120ml	50mm	18mm	120mm	15g	80mm	3	4	5	6	6	8	9	11
250ml	70mm	22mm	140mm	25g	100mm	2	2	3	3	4	5	6	8
500ml	90mm	25mm	190mm	35g	120mm	1	1	2	2	2	4	5	6
800ml	100mm	30mm	220mm	50g	140mm	/	1	2	2	3	4	4	6

具体腔数以实际模型为准
The specific cavity is subject to the actual bottle sample



医药 Pharmacy



化工 Chemical



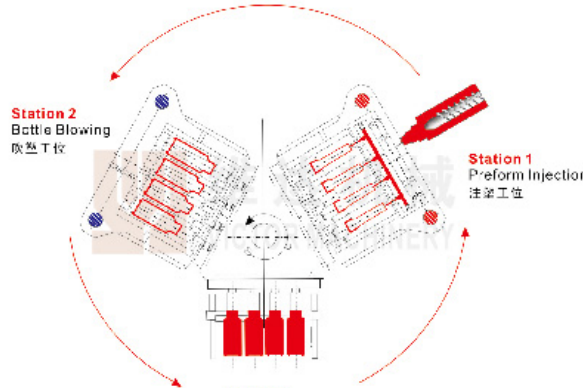
日化 Cosmetic



食品 Food



瓶盖 Caps



- ✔ 卧式注射：塑化稳定，操作方便
- ✔ 伺服驱动，可实现节能25-45%
- ✔ MSZ50及以下机型采用单横梁锁模机构，拆卸模具更方便
- ✔ MSZ70及以上吨位机型均采用三角横梁锁模机构，刚性高稳定性好
- ✔ 大容量模具安装尺寸，产量更高

- ✔ Horizontal system, achieve stable plasticizing and easy operation
- ✔ Servo drive, energy saving 25-45%.
- ✔ MSZ30 & MSZ50 machine, the single beam mold locking structure make mold loading more convenient.
- ✔ MSZ70 & MSZ95 & MSZ135, the triangular beam structure has high rigidity and good stability.
- ✔ Large capacity mold installation size for higher output.

- ☑ 电回转，回转定位精度高
- ☑ 电预塑，可实现同步预塑
- ☑ 电动脱模翻转，节能洁净
- ☑ 直线导轨射台，阻力小，精度高

- ✓ Electric table rotation, high precision of rotation positioning.
- ✓ Electric preplasticizing, synchronous plasticizing can be realized.
- ✓ Electric stripping, energy saving and clean.
- ✓ Linear guide for barrel movement, low resistance, high precision.

技术参数

注射机构	Preform system	Unit	MSZ30-V		MSZ30HE		MSZ30AE		Q3		MSZ50H-III		MSZ50S-II		MSZ50S-HE		MSZ50AE		MSZ70-II		MSZ70S-II		MSZ70S-HE		MSZ70AE		D7		D7-Pro		MSZ95S-II		MSZ95S-HE		D9		D9-Pro		MSZ135S		MSZ135S-HE		D13-Pro		
螺杆直径	Screw diameter	mm	40	45	40	45	40	45	28	45	50	45	50	45	50	45	50	50	55	50	55	50	55	50	55	50	55	50	55	50	55	60	65	60	65	60	65	60	65	70	75	70	75	70	75
螺杆长径比	Screw L/D	L/D	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1	23:1			
最大注射容积	Shot volume	cm³	200	254	200	254	200	254	67.7	318	392	318	392	318	392	318	392	392	475	392	475	392	475	392	475	392	475	392	475	392	475	715	839	715	839	715	839	715	839	1077	1236	1077	1236	1077	1236
最大注射量	Injection weight(HDPE)	g	190	241	190	241	190	241	64	301	372	301	372	301	372	301	372	372	450	372	450	372	450	372	450	372	450	372	450	372	450	677	795	677	795	677	795	677	795	1020	1170	1020	1170	1020	1170
螺杆转速	Max.Screw speed	rpm	10-225		10-225		10-235		10-300		10-235		10-235		10-235		10-235		10-235		10-235		10-235		10-235		10-235		10-235		10-235		10-235		10-250		10-250		10-235		10-235		10-235		
机筒加热功率	Heating capacity	KW	9.6		9.6		9.6		4		11.5(1.76*6+0.9)		11.5		11.5		11.5		10.8		14		14		14		14		14		14		18.8		18.8		18.8		18.8		18.8				
电热控制区	No.of heating zone	Qty	3+N		3+N		3+N		5+N		3+N		3+N		3+N		3+N		3+N		3+N		3+N		3+N		3+N		3+N		5+N		5+N		5+N		5+N		5+N		5+N				
合模系统	Clamping system																																												
注塑锁模力	Clamping force of preform	KN	323.2		323.2		350		350		504		528		528		528		742		712		712		712		1000		1000		1008		1008		1500		1500		1344		1344		2000		
吹塑锁模力	Clamping force of blowing	KN	46.7		46.7		53.7		100		89		93.4		93.4		109		89		107.7		107.7		107.7		107.7		107.7		221		221		221		235		235		345				
开合模行程	Opening stroke of mold planten	mm	120		120		165		160		130		165		165		165		140		165		165		165		185		185		185		185		185		185		245						
塔台提升高度	Lifting H of rotary table	mm	65		65		80		80		70		80		80		80		70		80		80		80		90		90		90		90		90		90		90		120				
最大模板尺寸	Max.Platen size(L×W)	mm	400×270		400×270		400×270		400×270		560×390		560×390		560×390		560×390		800×390		800×390		800×390		800×390		860×440		860×440		900×480		900×480		960×510		960×510		1400×500		1400×500		1400×600		
最小模具厚度	Min.mold thickness(H)	mm	180		180		180		130		240		240		240		240		280		280		280		280		280		280		280		280		280		280		280		320				
模具加热功率	Heating capacity of mould	KW	3		3		3		3		3.6		3.6		3.6		3.6		6		6		6		6		6		6		7.2		7.2		7.2		7.2		7.2		7.2				
脱模系统	Stripping system																																												
脱模行程	Stripping stroke	mm	220		220		220		220		270		270		270		270		240		295		295		295		295		300		295		300		295		300		260		300		300		
空运转时间	Dry cycle	sec	3		3		3		1.8		3.5		2		2		2		3.5		2.1		2.7		2.7		2.7		2.7		3		3		3		3		3		4.5				
驱动系统	Driving system																																												
驱动电机	Motor power	KW	13.9		13.9		9.8		38.4		19		19		19		9.8		31		31		31		9.8		23.1+31.7		23.1+31.7		24+24+10		23.1+31.7		23.1+31.7		23.1+31.7		31.7+31.7+23.1		23.1+31.7		23.1+42.2		
系统压力	Hydraulic pressure	Mpa	14		14						14		14		14		14		14		14		14		14		14/22		14/22		14		14		14/22		14/22		14/22		14/22				
制品尺寸范围	Product range																																												
制品容积	Suitable bottle range	ml	5-800		5-800		5-800		5-100		5-800		5-800		5-800		5-800		5-800		5-800		5-800		5-800		5-800		5-800		5-800		5-800		5-800		5-800		5-800		5-800				
制品高度	Max.bottle height	mm	≤190		≤190		≤190		≤88		≤200		≤200		≤200		≤200		≤200		≤200		≤200		≤200		≤200		≤200		≤220		≤220		≤220		≤220		≤220		≤220				
制品直径	Max.Dia.of bottle	mm	≤100		≤100		≤100		≤36		≤100		≤100		≤100		≤100		≤100		≤100		≤100		≤100		≤100		≤100		≤100		≤100		≤100		≤100		≤100		≤100				
其它	Other																																												
压缩空气压力	Min.air pressure	Mpa	1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1				
压缩空气排量	Discharge rate of compressed air	m³/mm	≥0.8		≥0.8		≥0.8		≥0.8		≥0.8		≥0.8		≥0.8		≥0.8		≥0.8		≥0.8		≥0.8		≥0.8		≥0.8		≥1		≥1		≥1		≥1		≥1.2		≥1.2		≥1.2				
冷却水流量	Water flowage	m³/h	3		3		3		3		4		4		4		4		5		5		5		5		5		5		6		6		6		6		6		6				
额定总功率 (含模具加热)	Total rated power with mold heating	KW	26.5		51.7		71.5		45.4		34.1		34.1		63.75		95.65		47.8		51		80.65		96.55		74.8		113.1		84		102.75		80.8		151		114.6		144.15		160.25		
实际使用功率	Actual power consumption	KW	10-18		10-18		10-18		8-15		15-23		15-23		15-23		15-23		20-28		20-28		20-28		20-28		20-28		20-28		25-35		25-35		25-35		25-35		25-35		28-38				
推荐使用总开关	Recommended main switch	A	100		100		100		100		125		125		125		125		160		160		160		160		160		160		250		250		250		250		250		250				
推荐线径	Recommended wire diameter	mm²	16		16		16		16		25		25		25		25		25		25		25		25		25		25		35		35		35		35		35		35				
设备尺寸	Dimension(L×W×H)	M	3.56×1.25×2.25		3.56×1.25×2.25		3.83×1.53×2.38		3.08×1.49×2		4.11×1.57×2.5		4.11×1.57×2.5		4.36×1.57×2.5		4.8×1.75×2.6		4.1×1.78×2.6		4.39×1.91×2.54		4.64×1.91×2.54		5.1×2×2.6		5.1×2×2.6		5.1×2×2.6		5.0×2.0×2.6		5.3×2.1×2.6		5.3×2.1×2.6		5.3×2.1×2.6		6.0×2.5×2.6		6.0×2.5×2.6				
设备净重	Net weinght	ton	4		4		8.4		4		7		7.8		8		7.4		9		9		9		10		12.8		12.8		12		12		15		15		17		17				

Technical parameters may be changed without prior notice. The color of the products listed may be different from actual specification due to printing, please refer to actual color.