



HAIXING

宁波海星塑料机械制造有限公司
NINGBO HAIXING PLASTIC MACHINERY CO.,LTD.



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ISO9001:2000认证企业
CE 认证企业
国家级高新技术企业

海 星

我们追求钻石品质
WE HANKER FOR DIAMOND QUALITY

580-16000 KN Injection Molding Machine

宁波海星塑料机械制造有限公司
NINGBO HAIXING PLASTIC MACHINERY CO.,LTD.



海星公司外景 Haixing Company outdoor scene



海星装配分厂外景 Haixing assemble factory outdoor scene

海星分公司外景—冷墩机专业制造
Haixiangxing branch company outdoor scene—Professional manufacturer of Bolt former machine

Introduction 公司介绍

超卓无限 引领中国机械制造产业新途

宁波海星塑料机械制造有限公司位于宁波国家高新区。公司拥有五万多平方米的国际化标准厂房，设有数台大型加工中心和大批先进的加工设备。海星牌注塑机配备世界一流的液压、电器及控制系统，引进欧洲风格的设计理念，通过严格的检验、装配、调试，为客户提供中国大陆一流水准的产品与服务。

海星公司始终保持适中生产规模，力求稳步发展，努力做好每一台海星牌注塑机。公司总经理陈良先生自一九七二年开始学习、研究、设计、生产注塑机，九十年代初曾赴美三年，是业内资深的工程师。海星塑机是其借鉴欧美、日本、港台及国内优秀技术结合自身经验的完美力作。

海星公司凭其优秀的品质、专业的服务以及整个公司确实有效的

工作作风，赢得了广大客户的信任。公司在中国的北京、天津、青岛、苏州、上海、余姚、温州、顺德、东莞、深圳等地建立了完善的销售及售后服务网络。公司努力开拓国际市场，海星牌注塑机目前已被美国、墨西哥、阿根廷、南非、俄罗斯、西班牙、伊朗、印度、日本、泰国等五十几个国家的客户所使用。海星公司正逐步建立起以海星品牌为核心的面向国际市场的营销体系。

海星凭借其强大的研发设计创新能力，不断地为客户提供适应不同产品及要求的个性化机器。优秀的品质、专业的服务、优良的技术保证，海星公司愿与世界各地的客户携手共创美好未来。



CNC加工中心 CNC Machines



装配车间 Assembly workshop



装配车间 Assembly workshop

Ningbo Haixing Plastic Machinery Manufacturing Co., Ltd. is located in Ningbo Hi-Tech Park, is a Zhejiang province High-Tech company with Zhejiang Famous Brand. Our company covers an area of more than 50000 square meters with many CNC machining centres. We specialized in producing over 20 types injection molding machines with clamping force between 58 to 1600 metric tonnes (injection capacity between 60g to 10000g).

Ningbo Haixing Plastic Machinery Manufacturing Co., Ltd. is becoming one of the most famous companies in China in the plastic machinery industry. Haixing brand injection molding machines have been exported to over 50 countries, such as: Algeria, Argentina, Australia, Brazil, Colombia, Costa Rica, Ghana, Germany, Greece, Holland, India, Indonesia, Iran, Israel, Italy, Japan, Jordan, Malaysia, Mexico, Norway, Pakistan, Philippines, Poland, Portugal, Russia, Saudi Arabia, Spain, South Africa, Sudan, Syria, Thailand, Turkey, USA, Vietnam, Venezuela, Zambia. And more and more agents all over the world begin to sell Haixing injection machine and they also provide good service to our customers.

At present the annual capacities of our company are more than 2000 units. Haixing injection machines equip with all famous brand hydraulic components and electric control components from USA, Japan, Germany, Italy and Taiwan. We can provide several series Haixing brand injection machines to each customer or every countries, such as high speed injection machine, high precision injection machine, energy saving injection machine and other individual injection machines.

At present, the whole staff will make concerted effort to fulfill their respective tasks and in full enthusiasm to provide better quality products as well as satisfactory service for current and prospective customers worldwide.



CNC加工中心 CNC Machines



CNC加工中心 CNC Machines



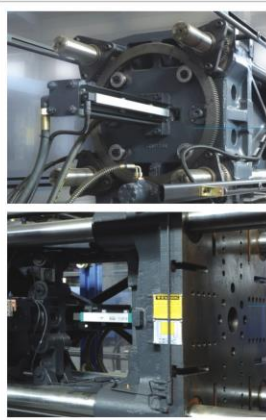
CAM辅助制造体系 CAM system

HXF-J5 Servo Energy-saving Injection Molding Machines

HXF-J5系列伺服节能注塑机

伺服节能注塑机，输出功率随负荷变化而变化，不存在多余的能量浪费。冷却极端电机不工作，耗电为0。伺服节能注塑机相比传统注塑机可节能30%-80%，给您带来真正的省电享受，经济效益显著。

Servo Energy-saving Injection Molding Machines: there is No Extra Energy Consumption Due To Output Volume Changes According To Load. In The Phase Of Holding Pressure, servo Motor Lowers Rotate And Consumes A Little Of Energy. Motor doesn't Work And Consumes No Energy, servo Energy-saving Injection Molding Machines Will Save 30%-80% Energy And Bring You Prominent Economic.



合模部件

1. 联体式模板设计
2. 五支点双曲肘机构
3. 液压马达驱动齿轮调模
4. 精密、低压、快速调模设计
5. 低压模保功能

CLAMPING UNIT

1. Box mould platen design
2. 5 points vertical double toggle mechanism
3. hydraulic motor drive the gear to adjust the mould thickness.
4. Precision, low pressure and fast mould adjustment
5. Low-pressure mold protection



控制部分

1. 进口名牌电器元件
2. 大屏幕液晶显示
3. 机器运行动态监测
4. 100组大容量模具数据存储
5. 灵敏故障显示报警功能
6. 注射、合模、托模采用电子尺精确控制

CONTROL UNIT

1. World famous brand electric components
2. Large screen LCD
3. Dynamic monitor of machine operation
4. 100 moulding data system
5. Sensitive errors indication and alarm function
6. Liner displacement transducer controls injection, clamping, ejection.



注射部件

1. 优化设计精密塑化系统
2. 双缸平衡注射系统
3. 多级压力、多级速度射胶调整
4. 背压调节装置

INJECTION UNIT

1. Precise screw system with optimized design
2. Double-cylinder balanced injection system
3. Multi-stage pressure and speed injection
4. Back pressure adjustment device

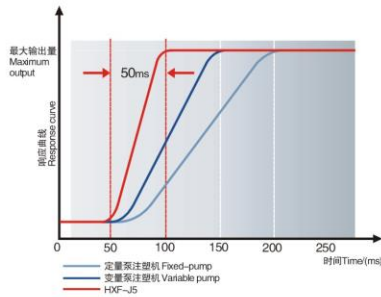


液压部件

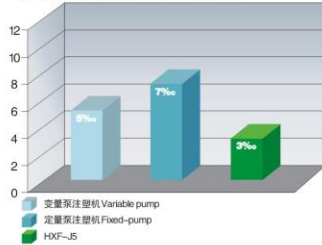
1. 高响应油路设计
2. 压力流量比例控制
3. 世界名牌液压元件

HYDRAULIC SYSTEM

1. High-response hydraulic system design
2. Pressure and flow proportional control
3. World famous brand hydraulic components



注射精度比较 Comparison of injection precision



伺服电机的高响应特性 Quick response of servo motor

由于采用高响应伺服电机与内啮合齿轮泵动力系统，注塑机达到最大输出量仅需0.05s，相比传统液压注塑机响应速度明显加快，有效缩短周期，提高生产效率。

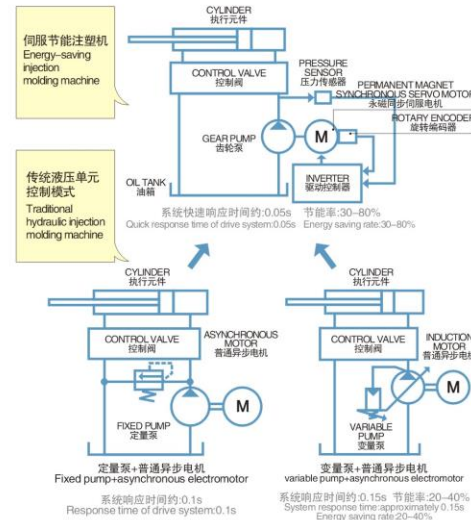
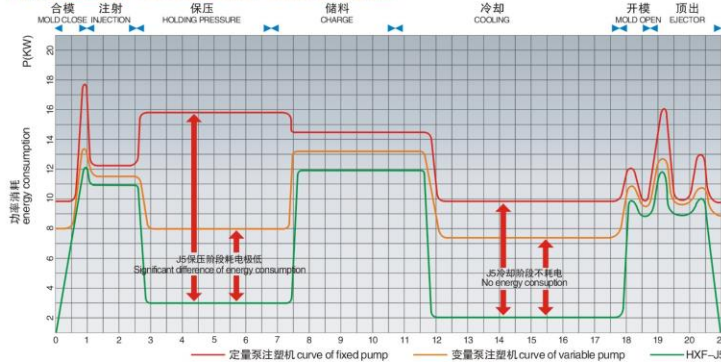
The response time of the drive system is very fast. It requires only 0.005s to reach the maximum power output. Cycle time is substantially shortened comparing with the plastic parts production by traditional hydraulic injection molding machines. The efficiency is improved significantly.

注射重复精度比较 Precision tolerance comparison

伺服电机的精密特性与内啮合齿轮泵的精密特性叠加，并通过高灵敏度的压力反馈装置形成闭环，注射重复精度可达3%，相比传统液压机表现出更强的注射稳定性，成型产品的合格率大幅提高。

(Thin wall parts)
The precision of processing tolerances to produce the plastic parts will be greatly improved by using the energy-saving HXF-J5, instead of using traditional hydraulic machines using either a fixed or variable pump. The optimized rate of repeated qualified parts is around 40-130%.

伺服机能曲线 CURVE OF ENERGY-SAVING MACHINES



高性能的 伺服电动机动力系统 HIGH-CAPABILITY SERVO MOTOR DYNAMICAL CONTROL SYSTEM-PRECISE

伺服节能注塑机，配置旋转编码器和压力传感器，时刻对流量和压力进行反馈，及时通过改变伺服同步永磁电机的旋转和转矩而对流量压力作出相应调整，确保成型重复精度更高，实现节能最大化的要求，最大限度地提高生产效率。

Equipped with a rotary encoder and pressure sensor, the pressure flow state of the energy saving HXF-J5 machine will be transmitted to the controller, the command of which will be sent out to the efficient synchronous servo motor to change the rotation and the torque accordingly. The corresponding flow and pressure adjustment ensures the highest quality and precision of the plastic parts produced, with energy savings and fast response times.

BETTER MOLDING STABILITY



HXF-S Close-up Injection Molding Machine

HXF-S系列闭环精密注塑机



闭环控制是藉由位置传感器及数位控制器使得PQS伺服阀具有线性化和没磁滞且高反应性及高重现性的能力。

- 1、高反应性提高了注塑响应速度，降低生产过程周期时间，特别是将能生产更薄的产品。
- 2、低压控制能力使各动作过程表现更加平顺，特别是低压模保会更加有效和易调正。
- 3、精确的高反应性能能够保证制品过程中的高质量（高再现性）和高生产能力（配合精密的机筒螺杆能胜任光学零件的加工）

Closed-loop control enables the servo to attain linearization, zero magnetic lag, high response and reproducibility by means of position sensor and digit control.

1. High response raises the injection-molding rate and lowers the cycle time of production process, especially the production of thinner products.
2. The low-pressure control ability enables the process performance of each action more smooth. Especially the low-pressure mold protection will become more effective and liable for adjustment.
3. The precise high-performance may ensure the high-quality/high reproducibility and high production capacity. (The precisely mated machine barrel screw is competent for processing optic parts.)

高端用户的选择
THE CHOICE OF SENIOR USER

HXF-D Series Two-Component Injection Molding Machine

HXF-D系列混双色注塑机



HXF-D系列混双色塑料注射成型机，针对双色饰品、工艺品的加工艺要求，采用上下双位双料管组（双塑化系统）设计，可实现不同物料同时塑化，并在前法兰处均匀混合，在注射时实现产品均匀混色效果；具有混色效果好，注射平稳等优点。

HXF-D series Two-Component injection machine aims at the technological requirements for double-color decoration and arts and crafts and adopts upper and lower double-position dual screw and barrel unit (double plastification system), which may realize simultaneous plastification of different materials, uniform mixing at the front flange and achieve even color mixing effect during injection. The machine enjoys the advantages of good color mixing effect and balanced injection.

HXF-V

HXF-V Variable displacement pump
Injection molding machine

HXF-V比例变量泵节能注塑机

HXF-V系列变量泵注塑机，配备高响应功率匹配比例变量泵系统令注塑机液压系统输出与整机运行所需功率匹配，无高压节流溢流能量损失，与标准机型相比，可节电20-40%，成本效益至为明显，相同电机功率可配用更大排量油泵，令整机速度加快。更配有进口高性能精密滤油装置，在该装置正常工作情况下，油污等级达至美国NAS8级以内，对机器液压系统将无需顾虑。

HXF-V is a new series of Haixing company, the variable displacement pump makes the hydraulic output power always matches with the system requirement. No extra-energy lost via the overflow valve. Comparing with traditional machines, energy saving efficient is around 20%-40% which causes cost reduction obviously.



超越价值 满足全方位需求

作为中国塑料机械行业高性能产品及应用解决方案的提供者，海星积极响应先进科技带来产业变革，充分吸收与转化产业技术的发展成就，持续创新，为满足用户的独特需求而推出了多系统的技术解决方案与服务。

对于海星来说，我们的目标就是创造能解决问题的工具使客户能更大程度地盈利。

为客户创造利润的前提，首先是客户开发设计充分满足实际需求的产品。

海星在技术领域不断突破的同时，更关注产品在不同行业中的实际应用。

通过与各行业的交流，充分把握不同行业的实际需求，设计针对性产品及系统解决方案。海星众多针对性产品系列的推出，受到了行业客户一致赞誉。

有针对性的产品更要有优越的产品品质。

品质来自严谨的科学方法、广泛的研究、高品质管理及专业化的生产，海星一直坚持上述观念并以作为企业口号的重要部分。努力将质量管理意识落实到产品加工的每一个环节，从而持续提升产品品质。

请访问：www.china-haixing.com 海星机械中国站点，您可以获得更多产品、技术资讯。

相关的解决方案您可以电邮给我们的客户服务中心：sales@china-haixing.com 或者致电：086-574-8836 8836咨询。为了感谢您对我们公司的产品的了解和支持，请您留下准确的联系方式，我们将会安排针对您的客户服务人员进行接洽。

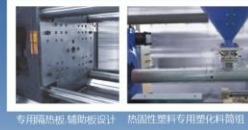
HXH Series High-Speed Hybrid Injection Molding Machine

HXH系列复合式高速精密成型机



HXH系列复合式高速精密成型机采用油、电复合工作方式（即采用低速、大扭力伺服电机预塑）可实现边开模边预塑，有效节省生产周期，提高生产效率；注射采用大油缸单缸配合氮气辅助射胶（最高注射压力可到280MPa、最高注射速率可达到600mm/s），完全胜任薄壁产品的生产；同时注射部分和锁模部分均配备伺服反馈方向系统，提高注射系统的计量准确度、注射位置的再现性，在高速注射的同时确保产品生产工艺的稳定性和高再现性，锁模时在确保高速的基础上实现整体动作的平稳性，有效地保证模具的安全和生产效率。适合在电脑液晶屏、手机透光板、薄壁航空杯等薄壁高精度产品的应用。

HXH series High-Speed Hybrid Injection Molding Machine adopts the hybrid electricity and oil with low-speed injection and close loop system. The HXH injection machine can do the process of feeding materials and opening-closing mold at the same time, to save much cycle time of molding. Single large oil cylinder is used in injection to work in with nitrogen gas for assistant injection (highest injection pressure may reach 280MPa and highest injection speed may reach 600mm/s), completely qualified for production of thin-wall products. Besides, the injection unit and clamping unit are provided with servo direction system to improve the measuring accuracy of injection system and the reproducibility of injection position. It may ensure the stability and high reproducibility at high-speed injection and realize the smoothness of integral movement of the basis of secured high speed in the course of clamping unit and has thus effectively ensured the safety and production efficiency of the molds. The machine is suitable for application to thin wall and high precision products such as computer LCD screen, light-passing board of mobile phone and thin-wall aviation cups.



专用隔热板 辅助能设计 热固性塑料专用塑化料筒组

HXF-G Series Thermosetting Injection Molding Machine

HXF-G系列电木专用机



HXF-G 电木专用机配备优化设计的热固性塑料专用料筒组，具有塑化效果好，耐用性好，采用名牌模温机对料筒组加热，温控准确。锁模部分加装隔热板和辅助能设计，并备有模具加热接口，模具温度实现电脑PID控制，精确度高。可胜任电木、电玉等热固性塑料的生产。在此基础上海星公司更可以向客户提供专业的BMC特殊注塑机。

HXF-G Thermosetting Injection Molding Machine is equipped with special screw and barrel unit with optimized design for thermosetting material. It has good plastication effect and durability. Famous brand mold temperature controller is used to heat the screw and barrel unit with accurate temperature control. The clamping unit is equipped with insulating board and auxiliary die plate and provided with mold heating interface. The mold temperature has realized PID control with high accuracy. Special design of nozzle for quick-clearing purpose when machines suspended. The machine can be used for production of thermosetting material such as bakelite. We can make special Thermosetting Injection Molding Machine for BMC material.

HXF-BMC Series-BMC Injection Molding Machine



HXF-BMC系列-BMC专用射出成型机

BMC属于热固性塑料的一种，具有耐高温、耐燃性、耐蚀性、高机械强度、尺寸安定、电器绝缘等特性。可应用于汽车类零件、电子工业、家用电器及通讯器材的外壳及零件。

本机特点

采用单缸油压式自动供料装置，可提供稳定的进料功能。

具有填料台设计，塑料补充作业更方便。

专用隔热垫板，模温控制更准确。

BMC (Bulk Molding Compounds) is one of the thermosetting plastic material. BMC has many properties including Heat-resistance, Flame-retardant, Erosion-resistance, High Mechanical Strength, Dimensions Stability and Electrical Insulated. It is widely used into kinds of industries including Automotive parts, Electronic parts, Household appliances and Communication equipment.

Features

Single cylinder hydraulic auto-feed mechanism, it can supply the function of feeding steady.

Designing filling material stand, it is convenient to fill material.

The plate equipped with adiabatic spacer, it can let mold temperature control more precise.

电木机系列技术规格表 SPECIFICATIONS

项目	DESCRIPTION	UNIT	HXF80G	HXF120G	HXF160G	HXF200G	HXF260G	HXF320G	HXF380G	HXF470G
注射量	INJECTION UNIT									
螺杆直径	Screw diameter	mm	35	37	37	40	40	45	50	55
理论注射量	Screw Dia	mm	20.5	19.5	21	18.5	22.5	20	22.5	20
理论注射量	Shot Volume (Theoretical)	cm ³	123	137	172	203	270	342	430	550
注射重量	Shot weight	g	148	164	205	241	324	410	504	658
注射压力	Injection pressure	MPa	180	170	180	180	200	180	210	180
注射速度	Injection rate	g/s	80	100	110	120	120	140	160	170
保压能力	Plasticizing Capacity	g/s	14	16.8	15	20.4	22.8	31.5	41.5	45.8
锁模行程	Clamping Unit	mm	220	220	180	180	180	180	180	180
锁模力	Clamping force	kN	880	1280	1580	2000	2000	2000	2000	2000
锁模行程	Toggle Stroke	mm	220	220	180	180	180	180	180	180
拉杆间距	Space between tie bars	mm	365 × 365	412 × 412	465 × 465	530 × 530	580 × 580	680 × 680	726 × 726	820 × 820
最大模高	Max. Mold Height	mm	280	280	280	280	280	280	280	280
最小模高	Min. Mold Height	mm	150	150	150	150	150	150	150	150
注射行程	Injection Stroke	mm	180	180	180	180	180	180	180	180
注射力	Ejector Force	kN	27	5	38	38	42	42	42	42
注射杆数量	Ejector Number	个	5	5	5	5	5	5	5	5
最大油压	Max. Pump Pressure	MPa	16	16	16	16	16	16	16	16
最大流量	Pump Motor Power	kW	11	13	13	13	13	13	13	13
温度控制	Temperature Controller	°C	(0-400) × 2	(0-400) × 2	(0-400) × 2	(0-400) × 2	(0-400) × 2	(0-400) × 2	(0-400) × 2	(0-400) × 2
外形尺寸	Machine Dimensions (mm)	mm	1082 × 1082 × 2044	1391 × 1412 × 2262	1584 × 1584 × 2262	1844 × 1844 × 2262	2044 × 2044 × 2262	2262 × 2262 × 2262	2262 × 2262 × 2262	2262 × 2262 × 2262
最大重量	Machine weight	Ton	3.5	4.0	5.5	6.7	9	11	15	20

技术规格参数表 Specifications

HAIXING

说明 项目	DESCRIPTION Item	UNIT	HXF58			HXF88			HXF128			HXF168			HXF218		
			A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
注射装置 INJECTION UNIT >>>																	
螺杆直径	Screw diameter	mm	26	30	34	35	37	40	37	40	43	40	45	48	45	50	55
螺杆长径比	Screw L/D ratio	L/D	24	21	19	20.6	19.5	18	21.1	19.6	18.2	22.5	20	18.8	22.2	20	18.2
理论注射容量	Shot Volume(Theoretical)	cm ³	66	88	113	125	135	158	183	214	247	270	342	389	350	432	522
注射重量	Shot weight	g / (克)	60	80	103	109	122	142	164	192	222	243	308	350	315	389	470
	(PS)	oz (盎司)	2.1	2.8	3.6	3.9	4.3	5.1	5.8	6.8	7.8	8.6	10.9	12.4	11.1	13.7	16.6
注射压力	Injection pressure	MPa	245	184	143	193	173	148	196	168	145	201	159	140	210	170	141
注射速度	Injection Speed	mm/s		120			93			99			109			96	
注射行程	Injection Stroke	mm		125			126			170			215			220	
螺杆转速	Screw speed	rpm		0~220			0~220			0~200			0~200			0~200	
合模装置 CLAMPING UNIT >>>																	
合模力	Clamping force	KN		580			880			1280			1680			2180	
移模行程	Toggle Stroke	mm		270			320			365			425			470	
拉杆间距	Space between tie bars	mm		310×310			365×365			412×412			465×465			515×515	
模板正面尺寸	Platen dimensions(H×V)	mm		470×480			545×545			615×615			680×680			760×760	
最大模厚	Max. Mould Height	mm		320			380			450			530			630	
最小模厚	Min. Mould Height	mm		120			150			160			180			200	
顶出行程	Ejector Stroke	mm		70			100			130			130			130	
顶出力	Ejector Force	KN		22			27.5			39.6			39.6			62	
顶出杆根数	Ejector Number	n		1			5			5			5			9	
其它 OTHERS >>>																	
最大油泵压力	Max. Pump Pressure	Mpa		17.5			16			16			16			16	
油泵电机功率	Pump Motor Power	KW		7.5			11			13			15			18.5	
电热功率	Heater Power	KW		5.1			5.8			7.6			10			11.65	
外型尺寸	Machine Dimensions(L×V×H)	m		3.78×1.02×1.81			3.92×1.08×2.04			4.39×1.14×2.08			4.98×1.26×2.22			5.8×1.4×2.22	
油箱容积	Oil Tank Capacity	Liter		160			200			205			245			320	
机器重量	Machine weight	Ton		2.5			3.5			4.0			5.5			6.7	
模板正面尺寸 PLATEN DIMENSIONS																	
模板侧面尺寸 PLATEN DIMENSIONS																	
外型尺寸 MACHINE DIMENSIONS																	

注意: 1. 正常情况下前面技术参数, 不予另行通知。2. 除了上述表格中技术参数以外, 尚需更详细的资料请垂询。

技术规格参数表 Specifications

HAIXING

说明	DESCRIPTION	UNIT	HXF220			HXF268			HXF260			HXF308			HXF320		
项目	Item		A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
注射装置	INJECTION UNIT	>>>>															
螺杆直径	Screw diameter	mm	45	50	55	50	55	60	50	55	60	60	65	70	60	65	70
螺杆长径比	Screw L/D ratio	L/D	22.2	20	18.2	22.5	20.5	18.8	22.5	20.5	18.8	21.7	20	18.6	21.7	20	18.6
理论注射容量	Shot Volume(Theoretical)	cm³	350	432	522	491	594	707	491	594	707	735	862	1000	735	862	1000
注射重量	Shot weight	g / (克)	315	389	470	442	534	636	442	534	636	661	776	900	661	776	900
	(PS)	oz (盎司)	11.1	13.7	16.6	15.6	18.8	22.4	15.6	18.8	22.4	23.3	27.3	31.7	23.3	27.3	31.7
注射压力	Injection pressure	MPa	210	170	141	205	169	142	205	169	142	213	182	157	219	187	161
注射速度	Injection Speed	mm/s	96			91			91			86			86		
注射行程	Injection Stroke	mm	220			250			250			260			260		
螺杆转速	Screw speed	rpm	0~200			0~180			0~180			0~180			0~180		
合模装置	CLAMPING UNIT	>>>>															
合模力	Clamping force	KN	2200			2680			2600			3080			3200		
移模行程	Toggle Stroke	mm	490			540			540			600			640		
拉杆间距	Space between tie bars	mm	530×530			570×570			580×580			660×660			685×685		
模板正面尺寸	Platen dimensions(H x V)	mm	791×791			840×840			860×860			960×960			990×990		
最大模厚	Max. Mould Height	mm	560			600			610			660			690		
最小模厚	Min. Mould Height	mm	200			220			220			250			250		
顶出行程	Ejector Stroke	mm	140			130			150			160			160		
顶出力	Ejector Force	KN	62			62			62			70			70		
顶出杆根数	Ejector Number	n	9			9			9			13			13		
其 它	OTHERS	>>>>															
最大油泵压力	Max. Pump Pressure	Mpa	16			16			16			16			16		
油泵电机功率	Pump Motor Power	KW	18.5			22			22			30			30		
电热功率	Heater Power	KW	11.65			14.7			14.7			17			17		
外型尺寸	Machine Dimensions(L x Vx H)	m	5.8×1.21×2.22			6.04×1.49×2.34			6.04×1.49×2.34			6.76×1.71×2.42			6.76×1.71×2.42		
油箱容积	Oil Tank Capacity	Liter	320			405			405			550			550		
机器重量	Machine weight	Ton	6.7			9			9			11			11		
模板正面尺寸	PLATEN DIMENSIONS																
模板侧面尺寸	PLATEN DIMENSIONS																
外型尺寸	MACHINE DIMENSIONS																

注意:1.正常情况下前面技术参数,不予另行通知。2.除了上述表格中技术规格参数以外,尚需更详细的资料请垂询。

技术规格参数表 Specifications

HAIXING

说明	DESCRIPTION	UNIT	HXF368			HXF380			HXF468			HXF470			HXF568			
项目	Item	UNIT	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	D
注射装置 INJECTION UNIT >>>																		
螺杆直径	Screw diameter	mm	65	70	75	65	70	75	75	80	84	75	80	84	75	84	90	100
螺杆长径比	Screw L/D ratio	L/D	22.4	20.6	19.2	22.4	20.6	19.2	21.4	20	19	21.4	20	19	23.6	21.1	19.7	17.7
理论注射容量	Shot Volume(Theoretical)	cm ³	1094	1269	1457	1094	1269	1457	1722	1959	2160	1722	1959	2160	1987	2492	2861	3532
注射重量	Shot weight	g / (克)	985	1142	1311	985	1142	1311	1550	1763	1944	1550	1763	1944	1788	2242	2575	3179
	(PS)	oz (盎司)	34.7	40.3	46.3	34.7	40.3	46.3	54.7	62.2	68.6	54.7	62.2	68.6	63.1	79.1	90.8	112.1
注射压力	Injection pressure	MPa	208	180	156	208	180	156	177	156	141	177	156	141	205	163	142	115
注射速度	Injection Speed	mm/s	92			92			96			96			90			
注射行程	Injection Stroke	mm	330			330			390			390			450			
螺杆转速	Screw speed	rpm	0~180			0~180			0~160			0~160			0~110			
合模装置 CLAMPING UNIT >>>																		
合模力	Clamping force	KN	3680			3800			4680			4700			5680			
移模行程	Toggle Stroke	mm	700			700			750			780			850			
拉杆间距	Space between tiebars	mm	725×705			726×726			800×762			820×800			835×835			
模板正面尺寸	Platen dimensions(H×V)	mm	1020×1040			1036×1040			1110×1148			1180×1210			1250×1250			
最大模厚	Max. Mould Height	mm	750			760			820			830			880			
最小模厚	Min. Mould Height	mm	250			250			300			300			350			
顶出行程	Ejector Stroke	mm	160			180			200			200			250			
顶出力	Ejector Force	KN	110			110			120			110			158			
顶出杆根数	Ejector Number	n	13			13			13			17			17			
其 它 OTHERS >>>																		
最大油泵压力	Max. Pump Pressure	Mpa	16			16			16			16			16			
油泵电机功率	Pump Motor Power	KW	37			37			45			45			55			
电热功率	Heater Power	KW	19.65			19.65			23.65			23.65			34			
外型尺寸	Machine Dimensions(L×V×H)	m	7.23×1.86×2.57			7.23×1.86×2.57			8.00×1.90×2.71			8.00×1.90×2.71			8.82×2.32×2.80			
油箱容积	Oil Tank Capacity	Liter	650			650			660			1000			1000			
机器重量	Machine weight		15			15			20			20			30			
模板正面尺寸 PLATEN DIMENSIONS																		
模板侧面尺寸 PLATEN DIMENSIONS																		
外型尺寸 MACHINE DIMENSIONS																		

注意: 1. 正常情况下前面技术参数, 不予另行通知。2. 除了上述表格中技术参数以外, 尚需更详细的资料请垂询。

技术规格参数表 Specifications

HAIXING

项目	DESCRIPTION	UNIT	HXF650				HXF780				HXF1000				HXF1300				HXF1600			
	Item		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
注射装置 INJECTION UNIT																						
螺杆直径	Screw diameter	mm	80	90	100	110	90	100	110	120	100	110	120	130	110	120	130	140	120	130	140	150
螺杆长径比	Screw L/D ratio	L/D	24.8	22	19.8	18	24.5	22	20	18.3	24.3	22.1	20.2	18.7	26.2	24	22.2	20.6	26.1	24.1	22.4	20.9
理论注射容量	Shot Volume(Theoretical)	cm³	2261	2861	3533	4274	2925	3611	4369	5200	4004	4844	5765	6766	5224	6217	7297	8462	6669	7827	9078	10421
注射重量	Shot weight	g / (克)	2035	2575	3179	3847	2632	3250	3932	4680	3603	4360	5189	6089	4702	5595	6567	7616	6002	7045	8170	9379
	(PS)	oz (盎司)	71.8	90.8	112.1	135.7	92.9	114.6	138.7	165.1	127.1	153.8	183	214.8	165.8	197.4	231.6	268.6	211.7	248.5	288.2	330.8
注射压力	Injection pressure	MPa	224	177	143	118	228	184	152	128	211	174	146	125	205	172	147	126	193	164	142	123
注射速度	Injection Speed	mm/s	95				88				96				96				104			
注射行程	Injection Stroke	mm	450				460				510				600				590			
螺杆转速	Screw speed	rpm	0~110				0~110				0~110				0~100				0~125			
合模装置 CLAMPING UNIT																						
合模力	Clamping force	KN	6500				7800				10000				13000				16000			
移模行程	Toggle Stroke	mm	900				985				1200				1400				1600			
拉杆间距	Space between tie bars	mm	895×895				980×980				1100×1100				1350×1280				1500×1415			
模板正面尺寸	Platen dimensions	mm	1340×1340				1450×1450				1775×1680				1896×1934				2180×2180			
最大模厚	Max. Mould Height	mm	900				1000				1200				1400				1500			
最小模厚	Min. Mould Height	mm	400				400				500				550				700			
顶出行程	Ejector Stroke	mm	260				280				320				350				350			
顶出力	Ejector Force	KN	186				186				215				215				318			
顶出杆根数	Ejector Number	n	17				21				21				25				29			
其 它 OTHERS																						
最大油泵压力	Max. Pump Pressure	Mpa	16				16				16				16				16			
油泵电机功率	Pump Motor Power	KW	30+30				37+37				45+45				55+55				45+45+45			
电热功率	Heater Power	KW	46.45				58.45				68.45				85.25				91.9			
外型尺寸	Machine Dimensions(L×W×H)	m	9.93×2.45×2.80				11.00×2.60×3.80				11.90×2.80×4.00				13.2×3.1×3.6				13.85×3.43×4.20			
油箱容积	Oil Tank Capacity	Liter	1100				1500				1800				2400				2750			
机器重量	Machine weight	Ton	36				45				56				65				100			
模板正面尺寸 PLATEN DIMENSIONS																						
模板侧面尺寸 PLATEN DIMENSIONS																						
外型尺寸 MACHINE DIMENSIONS																						

注意: 1. 正常情况下前面技术参数, 不予另行通知。2. 除了上述表格中技术规格参数以外, 尚需更详细的资料请垂询。

→→ 标准装置

双缸平衡式注射系统
多级压力、多级速度射胶调整
背压调节装置
差动式高速闭模
低压慢保
液压单组抽插芯
多种液压顶出方式
机械、电气安全装置
自动润滑系统
液压安全比例控制
全电脑控制
模具记忆系统

Standard Features

Double-cylinder balance injection system.
Multi-stage pressure & speed injection.
Back pressure adjustment device.
High speed clamping.
Low pressure mold protection.
Single hydraulic core pulling and inserting.
Multiple hydraulic ejector knock-out.
Mechanical, electrical safety device.
Auto lubrication system.
Hydraulic pressure full proportional control.
All computer control system.
Molding data memory system.

→→ 选择装置

液压双组抽插芯
气压
液压旋转脱模
液压安全保护

Optional Features

Double hydraulic core pulling and inserting.
Air blow
Hydraulic unscrew device
Hydraulic safety device

→→ 标准配件

机械防震脚垫
加长喷嘴
备用零件
工具箱

Standard Accessory

Mechanical leveling pad.
Extended nozzle.
Spare parts kit.
Tool box.

→→ 选择配件

机械手
干燥料斗
自动上料机
磁力架
模具压板
冷水机
塑料除湿机
模温控制机
油温控制机
旁路过滤器

Optional Accessory

Robotic pincher
Hopper dryer
Auto loader
Hopper magnet
Mold clamps
Water cooler
Plastic dehumidizer
Mold temperature controller
Oil temperature controller
Oil bypass filter

Remarks说明

理论注射容量=(注塑机)料筒截面积X螺杆行程
注射重量为PS理论容量的91%

Theoretical shot volume=(screw cylinder cross section) × (screw stroke)
The injection shot weight should be 91% of the theoretical shot volume for polystyrene(PS).

Note 注意

当您有成型PC、PA、PMMA、PET、PVC等工程塑料制品的计划,请让我们知道
正常情况下改善技术规格参数,不予另行通知
除了上述表格中技术规格参数以外,尚需更详细的资料,请垂询
产品照片仅供参考,与出售实物略有不同

When PC(polycarbonate), PVC and other plastic material used for engineering are planned for molding, it is necessary to inform us for special designation.
Due to continual improvement, specifications are subject to change without notification.
There is more detailed documentation for your availability in addition to above specification.
The machine pictures are for your visual reference, may have trivial difference from the actual machines.



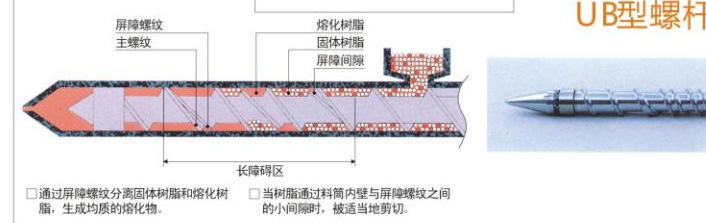
本公司可提供CE认证的产品,如欲
购CE认证的产品则须在合同中阐述。

Machine with CE certification is available,
please point out in the contract for CE products.

特殊定单

产生均匀熔化物的UB型螺杆

UB型螺杆



提高喷嘴部的温度调节精度

采用PID控制,以2秒一个控制周期迅速对应于设定温度的变更及干扰。通过对喷嘴温度进行精密控制,提高成形的稳定性,而且由于采用了SSR(固体继电器)能更长控制回路的工作寿命。

可根据客户要求提供各种机器颜色

根据客户对机器颜色的要求,由我公司制作颜色样板,客户对样板确认后,为客户量身定制各种机器颜色,达到人性化要求。

螺杆背压控制实现均匀增塑

设置螺杆背压专用的比例阀,实现了均匀增塑及稳定成形。

快速射出装置

可提供氮气辅助射胶装置,或同时配合加大排量油泵使注射速率高达400mm/s,对薄壁成型、减少成型品的残存应力、缩短循环时间等很有效。

注射速度、压力闭环式控制(选购件)

选择采用了闭环式控制,可以依照检测螺杆移动速度和注射压力的实行值去确切修正油温及负荷的变动、时效变化等,令连续稳定成形更放心。

二段合模防止翘曲、收缩

以程序功能分二段控制合模压力,实现注射压缩成形。防止成形产品的翘曲、收缩,确保其成形稳定性。

海星企业文化 Haixing company culture

打造一流的价值共赢平台
To build a first-class value and win-win platform

海星



为客户创造价值, Creating value for customers.

海星提倡以客户为中心。
质量：确保我们提供的产品和服务充分满足客户实际需求。
符合性：严格履行我们的承诺。
Haixing advocates customers are centre
Quality: to ensure that the products and services which we provided are fully meet customer's demand.
Compliance: strictly fulfill our promise.

为员工创造机会, Create opportunities for employees.

通过营造“机会-人才-资源-产品-市场-机会”的良性循环。
清晰：明确的权利与义务关系，将个人事业与企业发展紧密地联系在一起。
专业发展：确保为所有员工提供更好的专业发展机会。
Create a virtuous cycle of "opportunity, talent, resources, products, markets, opportunities".
Clarity: clear rights and obligations, career and business development are closely linked.
Professional Development: to provide better professional development opportunities to all our employees.

为合作伙伴创造财富, Create wealth for our partners.

最大限度保证合作伙伴的利益。
透明度：充分的信息共享，共同开拓市场。
可持续发展：构建不断完善的业务模式和财富平台。
Transparency: full information sharing, co-development of the market.
Sustainable Development: Building a continuous improvement business model and wealth platform.

为社会创造效益, Create benefits for society.

取之于社会，用之于社会，推动企业与社会和谐发展。
贡献：创造就业机会，促进经济发展，热心公益事业，建设和谐社会。
亲和力：致力于成为社会各界广泛信赖和尊敬的企业。
Take from society and use for society, to promote enterprise and harmonious development of society.
Contribution: to create jobs and promote economic development, public-spirited career, building a harmonious society.
Accessibility: to become widely trusted and respected companies of all sectors of society.

Quality system 品质体系

缜密工作 打造完美品质
Careful work to create the perfect quality

过硬的产品品质是一切之根本，一直以来海星都把品质作为企业的生命，除建立完善的产品质量保证体系外，更重要的是，海星的主要骨干领导都是技术出身，通过他们的言传身教，质量意识已深入员工的心中。品质体系产品质量是企业生存与发展的根本保证，海星视产品质量为企业生命，采取高标准的品质管理并持续改进，追求产品质量的完美。质量第一，既是对我们自己的严格要求，更是对客户的承诺与负责。

Excellent product quality are all fundamental, haixing always regard the quality as its life, in addition to establish and improve the product quality system, more importantly, the main department manager of haixing are technical background, through their words and deeds, quality consciousness has penetrated the hearts of the staff. The quality system and product quality are the fundamental guarantee for enterprise's survival and development, haixing regards the product quality as enterprise life, adopt high standards of quality management and continuous improvement, and pursuit of the perfection of product quality. Quality is first, it is not only for our own stringent requirements, but also is responsibility for our customers.

持续创新

保证了海星机器行业领先的地位

Continuous innovation
To ensure haixing injection machine is the leading position of machine industry

海星本着“做客户想要的机器”的开发理念，采用最现代化的数字设计方式进行设计和验证后，对试加工机进行耐用性能评估测试，设计臻于完美。
The development philosophy of haixing is "make the machine which customer needed"
Adopt the most modern digital design to design and test the trial processing machine's durable performance evaluation, designed to perfect.

数字开发设计
Digital development and design

质量始终是企业的生命，海星导入并长期坚持贯彻执行 ISO9001 国际质量管理体系，以客户目标为导向，从原料和配件的采购到加工生产、组装、调试，每一个环节都严格把关，以持续提升产品的各项性能指标。
The quality is always the life of the enterprise. Ningbo Haixing Plastic Machinery Manufacturing Co., Ltd. lead to and adherence to implement the ISO9001 international quality management system all the time, according to customers' target, accessories from the raw material purchase to processing, assembly, testing, check every step strictly careful, in order to improve all the performance indicators of the products.

SALES & MARKETING

