



**宁波海晶塑机制造有限公司**  
NINGBO HAIJING PLASTIC MACHINERY CO.,LTD.

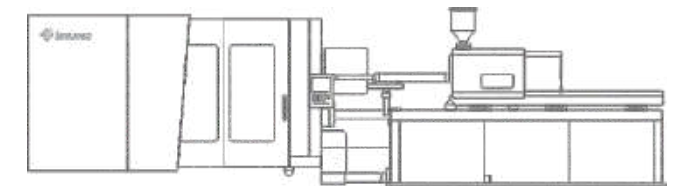
 免费热线 (Hot line) : 400-109-0598

地址: 浙江省宁波余姚谭家岭西路1289号  
电话: 0574-6251 7999  
传真: 0574-6251 8086  
售后服务: 0574-62519000  
(0) 13355934110

Address:No.1289 Tanjialing West Road  
Yuyao,Ningbo,Zhejiang,P.R.China P.C:315409  
International Trade Department  
Tel: 0086-574-6251 6518  
Fax: 0086-574-6251 8086



<http://www.chinahaijing.com>  
E-mail:sales@chinahaijing.com



**宁波海晶塑机制造有限公司**  
NINGBO HAIJING PLASTIC MACHINERY CO.,LTD.

## Make Injection Molding Machine More Valuable



匠心独运  
超越期待

### 多领域保障

在自动化、精密控制、产品无故障等技术领域，持续保证产品的先进性和可靠性。

In automation, precision control, free-trouble machinery technical fields, etc. Haijing has continued to ensuring the machinery advanced and making reliable machinery.

### 生产线定制

为客户量身定制适合客户需求的完美设备，提供一站式的生产线服务。

Tailor-made perfect equipment to meet customers' demands and provide one-stop production line services.

### 新品研发

集合公司精锐研发团队，推出高端二板式和全电动注塑机。

Gathering the company's elite R & D team to launch high-end two-platen large injection molding machine and all-electric injection molding machines.

### 体系回报

致力建设国内外最佳服务体系，为全球客户创造更佳的客户体验及投资回报。

Committed to building the best service system at home and abroad, Creating a better customer experience and return on investment for global customers.



SINCE  
2003

## 企业简介 Company Profiles

宁波海晶塑机制造有限公司是一家专注于设计、制造、销售精密、高效、节能注塑成型机械的国家级高新技术企业。地处“中国塑料之都”的浙江省余姚市，成立于2003年，凭借强大的研发设计创新能力、突出的灵活定制能力、日趋完善的交付能力，和不断地为满足全球客户提供适应不同产品及差异化需求的个性化机械，海晶已经成长为具有一定规模和雄厚竞争实力的注塑机械研发制造企业。

企业已建立完善的ERP信息资源管理系统，并实施PDM, CAM等企业信息化工程，公司通过了ISO9001质量管理体系认证以及欧盟CE认证，并且一直致力于高效节能型注塑机的研发生产与市场推广，所生产的各系列注塑机均配备世界知名品牌的液压、电气及控制系统，引进欧洲风格的设计理念，采用国际先进的CNC加工中心，实施全过程控制，通过严格的装配、检验、调试，为全球客户端提供高品质的产品与服务。

坚持专注品牌为客户创造最大价值为服务理念，“匠心独运，超越期待”，围绕客户的需求持续创新，以精益求精、开拓进取的主人翁精神，重视人才引进和技术创新，开发具有行业特色的升级和延伸产品与合作伙伴开放共赢，致力于为客户提供价格合理，性能稳定，具有竞争力的注塑机产品，持续提升客户体验，为客户创造最大价值。

Ningbo Haijing Plastic Machinery Co., Ltd. is a high-tech enterprise devoted to design, manufacture and sale precision, high-efficiency and energy-saving injection molding machines, which is located in the "City of China Plastic" - Yuyao, Zhejiang. Since 2003, with the growing power of innovation ability, outstanding flexible customization capability, improving delivery ability and constantly providing different personalized machinery that satisfied the demands of global customers' requirements. Haijing has grown into with a certain scale and strong strength competitive manufacturing enterprise of injection molding machinery.

Haijing has passed the ISO9001 Quality Management System and CE certification. Our company always is devoted to R&D production for high efficiency and energy-saving injection molding machine. All the series of injection machine are equipped with world famous brand hydraulic, electric elements and control system. Our company brings in European design, adopting international advanced CNC machining center, through strict inspection, assembling, commissioning, which providing the first-class production and top-service for customer.

We insist on continuing promoted HAIJING Brand to create maximum value for customers, Make Molding Machine More Valuable of development concept, continued innovation around the customers' requirements, cooperating well with partners Haijing is committed to providing customers with reasonable prices, stable performance, competitive injection molding machine products, continuing to improve customers' experience with our machines.





# 制造 Manufacturing



为客户量身定制适合客户需求的完美设备，提供一站式的生产线服务。

Customized perfect equipment for customers and provide one-stop production line service.



## 更短的交货期、更出众的机器

Shorter Delivery Deadline, More Outstanding Machinery

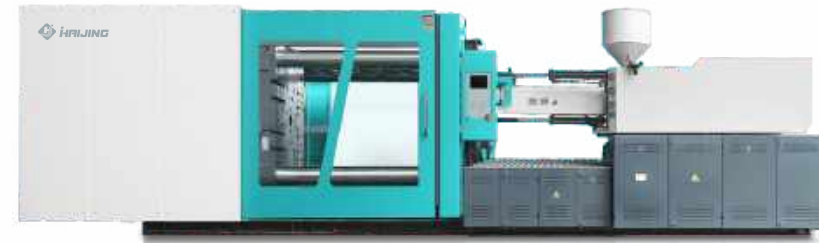
为了适应不断变化的市场环境，海晶本着缩短交货期，提升品质的宗旨，不断地革新制造方法，改善制造流程，加快生产周期。

In order to adapt to the changing market environment, Haijing aims to shorten the delivery time and improve the quality, Continuously innovate manufacturing methods, improve manufacturing process and speed up production cycle.





根据客户需求，海晶现已推出多系列产品，广泛用于以下行业：  
With latest plastic injection molding technology, we have developed several series plastic injection molding machines as below, and widely used in the following industries:



高精度二板注塑机  
High-precision Two-platen Injection Molding Machines



高效伺服节能注塑机  
Servo Energy-saving Injection Molding Machines



高精度全电动注塑机  
All-electric Injection Molding Machines



油电混合高速注塑机  
Oil-electric High-speed Injection Molding Machines



高精度变量泵注塑机  
Variable Stroke Pump Injection Molding Machines



高精度定量泵注塑机  
Constant Rate Pump Injection Molding Machines



专用型注塑机系列  
Customized Injection Molding Machines

**HAIJING**

汽配产业  
AUTO PARTS INDUSTRY

饮料包装  
BEVERAGE PACKAGING

电子通讯  
ELECTRONIC COMMUNICATION

家电产业  
HOLD ELECTRICAL APPLIANCE INDUSTRY

日常用品  
DAILY NECESSITIES INDUSTRY

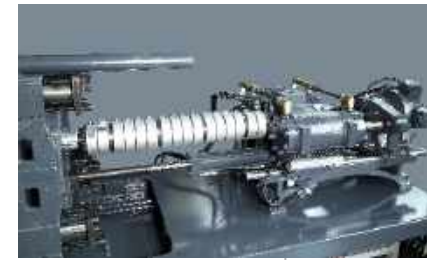
医药产业  
THE PHARMACEUTICAL INDUSTRY

玩具礼品业  
TOY GIFT INDUSTRY

建筑业  
THE CONSTRUCTION INDUSTRY

## 高效伺服节能注塑机

Servo Energy-saving Injection Molding Machines



**B INJECTION UNIT**

- Optimized design of precision plasticizing system
- Optimized design with superior quality nitrogen alloy steel screw and barrel
- Dual-cylinder balance injection unit and double guide column linear guide supporting, forcefully closed type base advance device.
- Multi-stage pressure and multi-stage injection speed adjustment
- Automatic (manual) proportional back pressure regulator

**A 精确定位的锁模机构**

- 联体式模板设计
- 五支点双肘锁模机构
- 液压马达自动齿轮调模
- T型槽模板标配，满足快速夹模要求
- 低压模保功能

**B 稳定的注射装置**

- 优化设计精密塑化系统
- 优质合金料筒螺杆
- 双缸平衡注射系统
- 多级压力、多级速度射胶调整
- 自动（手动）比例背压调节装置

**C 完善的液压系统**

- 高响应油路设计
- 压力流量比例控制
- 油温偏差报警功能
- 世界名牌液压元件

**D 值得信赖的控制系统**

- 大屏幕液晶显示
- 机器运行动态监测
- 超大容量模具数据存储
- 灵敏故障显示报警功能
- 各运动单元独立电子尺精确控制



**A CLAMPING UNIT**

- Box-type bracket plate and template conjoined structure.
- Using the technology-leading five-point double toggle oblique clamping
- Adopting mechanically adjustable and moveable plate support etc. to make sure the clamping rigidity and high reliability
- European Standard plated layout with both T-shot and tap holes. It is more convenient for installation and removal of mold.
- Low voltage mold protection function.



**C HYDRAULIC SYSTEM**

- High response oil circuit design
- The system has employed pressure-flow ratio control
- Oil temperature deviation alarm function
- World-renowned brands oil pump and control valves, more outstanding performance of pressure supporting.



**D CONTROL UNIT**

- Equipped with high-performance imported controller, The control panel applies Color large screen LCD display technology, of which detect production process and display all kinds of malfunction analysis
- PID temperature control which combined with high precision electronic ruler and computer controller, regulate motions of injection, pressure keeping, smelting and backpressure to ensure the quality of molded products and continuity of production.



# HJ高效伺服节能注塑机参数表

Servo Energy-saving Injection Molding Machines Specification



HJ58S / HJ58			HJ98S			HJ128S		
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## 注塑部件 INJECTION UNIT

螺杆类型	Screw Type	Piece	A	B	C	A	B	C	A	B	C
螺杆直径	Screw Diameter	mm	26	28	30	32	36	40	36	40	45
螺杆长径比	Screw L/D Ratio	L/D	24	22	20.6	23	20.5	18.5	23.2	21	18.6
理论注射容积	Theoretical Injection Volume	cm <sup>3</sup>	61	71	81	138	175	216	195	241	305
注射重量(PS)	Injection Weight (PS)	g	56	65	74	126	159	197	178	220	278
注射速率	Injection Rate	g/s	42	48	56	67	85	105	93	115	145
注射压力	Injection Pressure	Mpa	223	192	168	239	189	153	215	174	137
注射行程	Injection Stroke	mm	116			172			192		
螺杆转速	Screw Speed	rpm	0-220			0-170			0-190		
喷嘴球径	Sphere Diameter of Nozzle	mm	SR12			SR10			SR10		

## 合模部分 CLAMPING UNIT

合模力	Clamping Force	KN	580	980	1280
最大开模行程	Max. Mould Opening Stroke	mm	270	320	345
拉杆间距 宽X高	Space Between Tie Bars (WxH)	mm	280x277	360x360	410x410
允许模具厚度	Mould Height (Min. ~Max.)	mm	120~350	100~350	150~430
模具定位孔直径	Dia. Of Mould Location Hole	mm	Φ100	Φ125	Φ125
顶出行程	Ejector Stroke	mm	55	100	100
顶出力	Ejector Force	KN	20	34	34
顶出杆数	Ejector Number	Piece	1	4+1	4+1

## 其他 OTHERS

油泵额定压力	Rated Pressure of Oil Pump	Mpa	16.0	17.5	17.5
伺服电机功率 (外嵌/内嵌)	Servo Motor Power (SPM)	KW	8.6	12.0	14.0
	Servo Motor Power (IPM)	KW	/	8.9	13.2
定量泵电机功率	Constant Rate Pump Motor Power	KW	5.5	/	/
料筒电热功率	Heating Capacity of Screw Cylinder	KW	4.03	7.36	9.40
加热段数量	Heating Section	Piece	4	4	4
油箱容积	Oil Tank Cubage	L	150	135	150
机器尺寸 长X宽X高	Machine Dimension (LxWxH)	m	3.37(3.5)x1.2x1.7	4.3(4.35)x1.12x1.9	4.35(4.5)x1.2x1.9
机器重量	Machine Weight	t	2	3	4

\*以上技术参数仅供参考，在不同情况下可能出现偏差。在本公司不断进行产品提升，故保留更改产品规格与参数而不另行通知的权利，本规格表的最终解释权归本公司所有。

HJ138S			HJ168S			HJ208S			HJ278S			HJ328S/HJ328		
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A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
36	40	45	40	45	50	45	50	55	55	60	65	65	70	75
23.2	21	18.6	23	20.5	18.4	23	21	19	23.6	21	19.6	22.6	20.3	19
195	241	305	276	349	431	400	494	598	721	859	1008	1160	1346	1546
178	220	278	252	319	393	364	450	545	655	782	918	1056	1225	1406
93	115	145	107	135	167	145	179	217	207	247	289	247	287	329
215	174	137	234	185	150	217	176	145	192	161	137	192	166	144
192			220			252			304			350		
0-190			0-190			0-160			0-165			0-140		
SR10			SR10			SR10			SR10			SR10		

1380	1680	2080	2780	3280
400	410	460	520	580
410x410	460x460	510x510	580x580	670x670
150~450	160~500	180~550	195~600	220~655
Φ125	Φ125	Φ160	Φ160	Φ160
130	120	150	160	180
34	41	49	77	77
4+1	4+1	4+1	8+1	8+1

17.5	17.5	17.5	17.5	17.5
14.0	17.6	28.3	29.0	31.0
13.2	16.4	20.4	26.7	30.2
/	/	/	/	30.0
9.40	12.40	13.01	17.25	26.20
4	5	5	5	5
150	183	200	243	460
4.55(4.7)x1.2x1.9	4.8(5.05)x1.26x1.92	5.41(5.52)x1.34x2.1	5.87(6.24)x1.5x2.3	6.71(6.8)x1.8x2.3
4.3	5	6	8.5	13

\*The above technical parameters are for reference only, and deviations may occur in different situations. As the company continuously improves its products, it reserves the right to change product specifications and parameters without prior notice. The final interpretation of this specification sheet belongs to the company.



# HJ高效伺服节能注塑机参数表

Servo Energy-saving Injection Molding Machines Specification



HJ398S/HJ398			HJ508S/HJ508			HJ628S/HJ628		
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## 注塑部件 INJECTION UNIT

螺杆类型	Screw Type	Piece	A	B	C	A	B	C	A	B	C
螺杆直径	Screw Diameter	mm	70	80	85	75	85	90	85	90	95
螺杆长径比	Screw L/D Ratio	L/D	24	21	19.8	24	21	20	20	19	18
理论注射容积	Theoretical Injection Volume	cm <sup>3</sup>	1539	2010	2269	1882	2417	2710	2581	2893	3224
注射重量(PS)	Injection Weight (PS)	g	1400	1829	2065	1713	2200	2466	2348	2633	2933
注射速率	Injection Rate	g/s	296	386	436	339	436	489	518	581	648
注射压力	Injection Pressure	Mpa	212	162	143	209	163	145	174	155	139
注射行程	Injection Stroke	mm	400			426			455		
螺杆转速	Screw Speed	rpm	0-140			0-135			0-135		
喷嘴球径	Sphere Diameter of Nozzle	mm	SR15			SR15			SR15		

## 合模部分 CLAMPING UNIT

合模力	Clamping Force	KN	3980	5080	6280
最大开模行程	Max. Mould Opening Stroke	mm	655	755	870
拉杆间距 宽X高	Space Between Tie Bars (WxH)	mm	730x700	830x800	860x835
允许模具厚度	Mould Height (Min. ~Max.)	mm	245~720	265~800	350~880
模具定位孔直径	Dia. Of Mould Location Hole	mm	Φ160	Φ200	Φ200
顶出行程	Ejector Stroke	mm	200	250	245
顶出力	Ejector Force	KN	111	111	197
顶出杆数	Ejector Number	Piece	12+1	12+1	16+1

## 其他 OTHERS

油泵额定压力	Rated Pressure of Oil Pump	Mpa	17.5	17.5	17.5
伺服电机功率 (外嵌/内嵌)	Servo Motor Power (SPM)	KW	45.0	29.0+29.0	29.0+31.0
	Servo Motor Power (IPM)	KW	35.4	20.5+26.7	28.3+28.3
定量泵电机功率	Constant Rate Pump Motor Power	KW	37.0	45.0	55.0
料筒电热功率	Heating Capacity of Screw Cylinder	KW	32.50	40.75	40.75
加热段数量	Heating Section	Piece	5	5	5
油箱容积	Oil Tank Cubage	L	635	910	960
机器尺寸 长X宽X高	Machine Dimension (LxWxH)	m	7.5(7.7)×1.9×2.4	8.3(8.43)×2.15×2.45	9.07(9.16)×2.19×2.55
机器重量	Machine Weight	t	15.5	20	25.5

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HJ658S/HJ658			HJ680S/HJ680			HJ850S/HJ850			HJ1100S/HJ1100			HJ1650S/HJ1650			
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A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	D
85	90	95	90	100	110	100	110	120	110	120	130	120	130	140	150
20	19	18	21.7	19.5	17.7	22	20	18.3	22	20	18.6	26	24	22.3	20.8
2581	2893	3224	2818	3479	4210	3856	4666	5553	4847	5768	6769	7043	8266	9586	11006
2348	2633	2933	2565	3166	3831	3509	4246	5053	4411	5249	6160	6408	7520	8723	10015
518	581	648	570	703	851	607	734	874	637	758	890	653	767	890	1021
174	155	139	177	143	118	184	152	128	175	147	125	193	164	142	123
455			443			491			510			623			
0-135			0-135			0-105			0-110			0-100			
SR15			SR20			SR20			SR20			SR25			

6580	6800	8500	11000	16500
920	920	1040	1200	1520
910x910	910x910	1000x1000	1150x1100	1500x1350
400~950	400~950	400~1000	500~1200	700~1500
Φ200	Φ200	Φ250	Φ250	Φ315
260	260	295	350	350
212	212	212	215	318
16+1	16+1	20+1	20+1	29+1

17.5	16.0	20.0	16.0	16.0
29.0+31.0	31.0+45.0	45.0+56.0	56.0+56.0	65.0+65.0
28.3+28.3	32.2+32.2	35.4+35.4	/	/
55.0	30.0+30.0	37.0+37.0	45.0+45.0	45.0+45.0+45.0
40.75	46.50	56.40	68.00	92.00
5	6	6	7	7
830	1005	1450	1500	2000
9.4(9.8)×2.3×2.55	9.8(10.3)×2.3×2.6	11.05×2.5×2.6	12.5×2.8×4	15×3.4×5
30.5	33	42	65	100

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## 专用型注塑机系列

Special injection molding machine series

为适应各行业客户发展需要，海晶不断完善8000余套专用机型数据库，为客户提供针对各种特殊材料、特种工艺的专业化定制服务。

In order to meet the development needs of various industries, Haijing is continually updating the 8000 customized injection molding machine database to provide for a variety of special materials, special processes professional customized services.

**HJ-K 系列** **HJ-K Series**  
果框专用注塑机 Special Injection Molding Machine for Fruit Basket



**HJ-UPVC 系列** **HJ-UPVC Series**  
UPVC粉料专用注塑机 Special Injection Molding Machine for UPVC powder materials



**HJ-PET 系列** **HJ-PET Series**  
PET塑料专用注塑机 Special Injection Molding Machine for PET Materials



**HJJ 系列** **HJJ Series**  
电木专用注塑机 Special Injection Molding Machine for Thermosetting Plastic





**HJ-PB 系列**      **HJ-PB Series**  
制桶专用注塑机      Special Injection Molding Machine for Paint Bucket



**HJ-SF 系列**      **HJ-SF Series**  
眼镜专用机      Special Injection Molding Machine for Spectacle Frame



**HJ-NR 系列**      **HJ-NR Series**  
尼龙扎带专用注塑机      Special Injection Molding Machine for Nylon Ribbon



**HJ-MP 系列**      **HJ-MP Series**  
医疗制品专用机      Special Injection Molding Machine for Medical Products



## 优质供应商 Quality Excellence Supplier

坚持与有实力和稳定的配件供应商合作是海晶确保品质稳定的坚实后盾！  
Insisting on cooperation with strong and stable parts suppliers, which is Haijing's solid backing to ensure stable quality!



海晶产品已远销70多个国家和地区，并在国内设立40余个经销网点。  
目标在全球市场建立健全海晶自己的销售通道，如销售中心、配件中心、服务中心、海外工厂，实现海晶全球化市场战略，向国际化企业迈进，为客户提供全球一体化的售后服务。

At present, Haijing Injection Molding Machine has been exported to more than 70 countries and regions, and more than 40 dealers have been established in China.  
Our goal is to be established perfected Haijing's own sales channels in the global market, such as sales centers, parts centers, service centers, overseas factories, to realize Haijing's global market strategy, to move towards international enterprises, and to provide customers with global integrated after-sales service.