

"筌筌" 压铸机

TSUENSAINT SERIES DIE-CASTING MACHINE



**EUROPEAN STYLE**  
INJECTION MOLDING MACHINE

融合 创新 超越  
Integration, Creation, Transcendence

"筌筌" 高精冲床

TSUENSAINT SERIES HIGH PRECISION PRESS MACHINE



**NINGBO TSUENSAINT TECHNOLOGY DEVELOPMENT CO.,LTD.**  
宁波筌筌科技发展有限公司

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宁波筌筌科技发展有限公司  
NINGBO TSUENSAINT TECHNOLOGY DEVELOPMENT CO.,LTD.



## TSUENSAINT 公司简介

宁波荃笙科技发展有限公司，位于宁波市北仑区，是一家长期专业从事高精注塑机制造的公司。我们推出了一系列合模力从90吨到3000吨的注塑机产品，涵盖了市场上20多种规格引领市场的各种应用型注塑机，为各行各业的应用提供了多样化的选择。

作为专注于注塑机领域的企业，我们拥有一支经验丰富的团队，致力于技术研发和制造工艺的不断创新。我们的产品采用了先进的技术设计和制造装备，确保其性能卓越可靠。我们以顾客的需求为导向，为其提供量身定制的解决方案，并在快速响应和高效生产方面拥有优势。

宁波荃笙科技发展有限公司凭借其在技术实力和制造能力方面的雄厚基础，我们与欧洲的合作伙伴合作，汇集了先进的产品技术，以“荃笙科技”品牌推出了多款出口型高端特种注塑机，深受国内外客户的信赖和青睐。

我们坚持国际先进技术和持续创新的理念，致力于为客户提供卓越的产品和优质的服务。宁波荃笙科技发展有限公司愿与广大客户携手合作，共同发展，共创美好未来。

## Brief Introduction

NINGBO TSUENSAINT TECHNOLOGY DEVELOPMENT CO.,LTD. located in Beilun Ningbo, is a long-established company specializing in the manufacturing of high-precision injection molding machines. We have introduced a series of injection molding machines with clamping forces ranging from 90-3000 Tons, covering more than 20 different types that lead the market in various applications and provide diverse choices for applications in various industries.

As a company specializing in the field of injection molding machines, we have an experienced team committed to continuous technological research and innovative manufacturing technology. Our products are designed and manufactured using advanced technology and equipment, ensuring outstanding performance and reliability. We prioritize customer requirements and provide tailored solutions, while excelling in rapid response and efficient production.

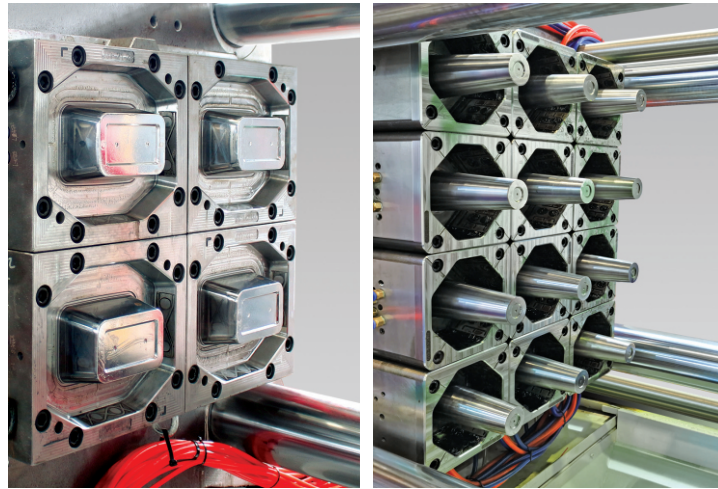
NINGBO TSUENSAINT TECHNOLOGY DEVELOPMENT CO.,LTD. relies on its strong foundation in technical strength and manufacturing capabilities. We have collaborated with our European partners to gather advanced product technology and launched multiple export oriented high-end special injection molding machines under the "TSUENSAINT Technology" brand, which is highly trusted and favored by domestic and foreign customers.

We adhere to the principles of international advanced technology and continuous innovation, striving to deliver excellent products and quality services to our customers. TSUENSAINT is dedicated to cooperating with our esteemed clients, jointly pursuing development and creating a bright future together.

## 智能制造步入示范 Enter the Age of Intelligent Manufacturing

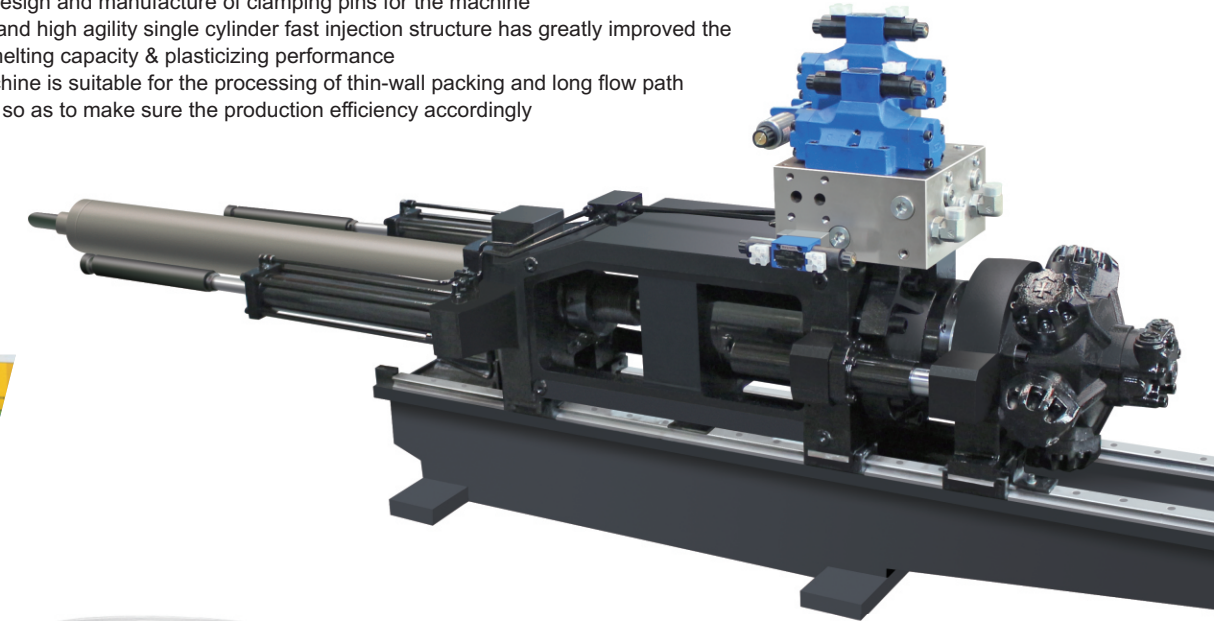






- 合模机构 / 装置及机身超强刚性的高负载设计，确保稳定、耐用
- 相适应的液压系统设计与高响应控制器的匹配，确保减少机器循环周期，实现高速、精密的机能要求
- 机器采用涵油自润滑轴套和优质钢拉杆，锁轴高寿命设计、制造
- 同轴向高敏捷单缸快射机构，熔料&塑化性能超常提高
- 机器较适用薄类包装和长流边制品加工，确保加工、生产效率

- Clamping structure/unit as well as machine body is with high rigidity & high load capacity design, which can ensure machine's stability and durability
- Suitable hydraulic system design matches with high response controller, which guarantees the machine with shorter cycle time and achieve high speed / precision function requirement
- We have adopted oil self-lubricating bushings and good quality steel rod as well as long lifespan design and manufacture of clamping pins for the machine
- Coaxial and high agility single cylinder fast injection structure has greatly improved the plastics melting capacity & plasticizing performance
- The machine is suitable for the processing of thin-wall packing and long flow path products, so as to make sure the production efficiency accordingly



独到设计	超常速度	Special design, Super speed
合模机构	超强刚性	Clamping unit, High rigidity
超薄制品	优质高效	Ultra-thin product, High Q&E
熔胶射胶	计量精准	Injection & charging, High precision
伺服闭环	独特领先	Close-loop servo, Unique leading
含油轴套	平稳耐用	Oil bushings, Stable Durable



高速机首席典范 Chief representative of high speed machine

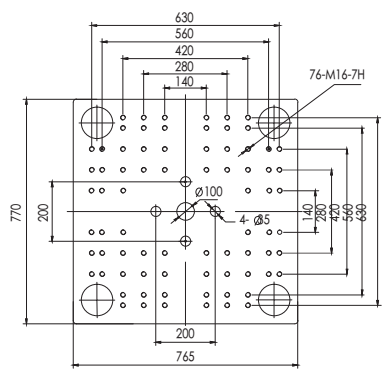
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Our company reserves the right to make changes on machine outlook which may be different from the real product we sold due to continuous improvement.

# H系列规格参数

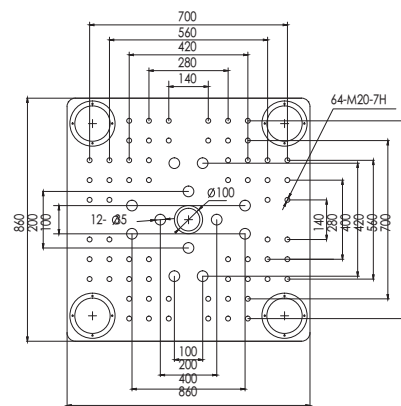
H series technical parameters

国际标准型号	INTERNATIONAL CLASS NO.	230/638		270/828		300/700		380/980		420/980		
规格	SPECIFICATION	HJ230E		HJ270E		HJ300E		HJ380E		HJ420E		
螺杆型式	Screw type	A	B	A	B	A	B	A	B	A	B	
<b>注射装置</b>	<b>Injection Unit</b>											
螺杆直径	Screw diameter	mm	45	50	50	55	50	55	55	60	55	60
螺杆长径比	Screw L/D ratio	L/D	22	20	26.4	24	26.4	24	27	24.8	27	24.8
理论注射容量	Shot volume (theoretical)	CM <sup>3</sup>	357	441	490	593	441	534	593	706	593	706
注射重量(ps)	Injection weight (PS)	g	325	401	446	540	401	486	540	642	540	642
注射速率	Injection rate	g/s	405	500	496	600	574	695	860	1023	1020	1214
注射压力	Injection pressure	Mpa	183	148	179	148	160	132	181	152	181	152
注射速度	Injection speed	mm/s	280		280		320		400		470	
螺杆转速	Screw speed	rpm	0-300		0-300		0-350		0-350		0-350	
<b>合模装置</b>	<b>Clamping Unit</b>											
合模力	Clamping force	KN	2300		2700		3000		3800		4200	
移模行程	Open stroke	mm	475		560		570		650		705	
拉杆内间距(宽×高)	Space between tie-bars(W*H)	mm	520×520		570×570		620×570		655×605		685×660	
最大模厚	Max. mould height	mm	540		580		600		670		670	
最小模厚	Min. mould height	mm	200		200		220		250		250	
顶出行程	Ejector stroke	mm	150		170		100		100		100	
顶出力	Ejector force	KN	70		70		70		70		70	
<b>其它</b>	<b>Others</b>											
最大油泵压力	Pump max. pressure	Mpa	17.5/16		17.5/16		19/16		19/16		19/16	
电机功率(伺服)	Pump motor power (servo)	KW	40		51		51		41+41		51+51	
电热功率	Heating power	KW	14.8		22.4		22.4		24.5		24.5	
加热段数	Numbers of heating area	Segment	3+1		3+1		3+1		3+1		3+1	
外形尺寸(长×宽×高)	Machine dimension (L*W*H)	M	5.75×1.58×2.28		6.1×1.65×2.35		6.54×1.72×2.35		7.6×1.79×2.36		7.8×1.95×2.45	
油箱容积	Oiltank cubage	L	300		380		600		800		850	
机器重量	Machine weight	TON	7.3		9.3		12.8		14.2		18.2	

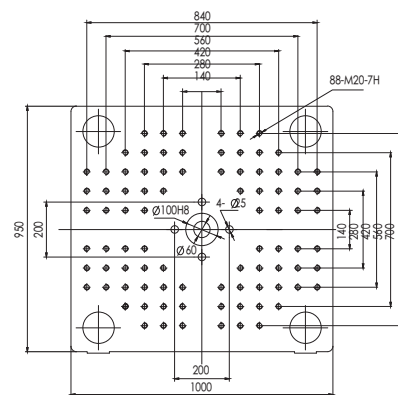
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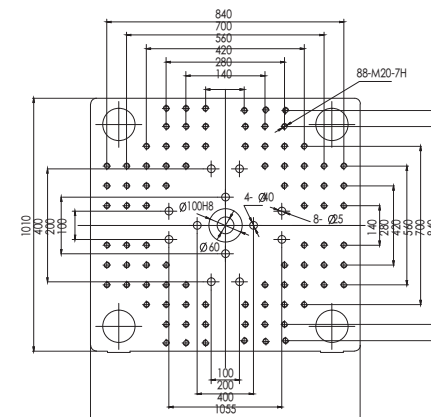
HJ230E



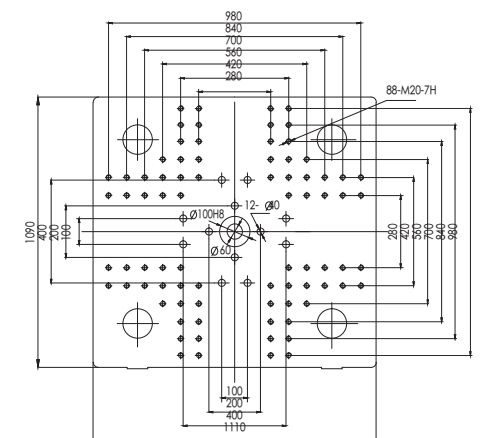
HJ270E



HJ300E



HJ380E



HJ420E



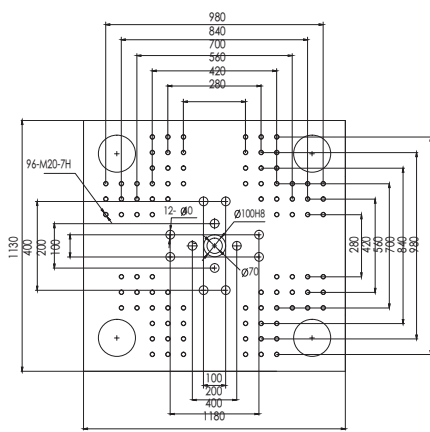
# H系列规格参数

H series technical parameters

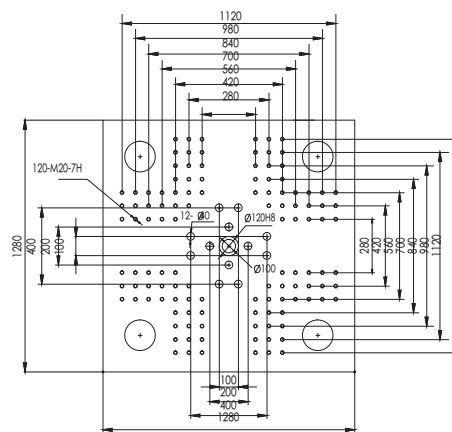
国际标准型号	INTERNATIONAL CLASS NO.	480/1180		600/1180		730/1180		850/1180		
规格	SPECIFICATION	HJ480E		HJ600E		HJ730E		HJ850E		
螺杆型式	Screw type	A	B	A	B	A	B	A	B	
<b>注射装置</b>	<b>Injection Unit</b>									
螺杆直径	Screw diameter	mm	60	65	65	75	70	75	80	85
螺杆长径比	Screw L/D ratio	L/D	27	24.9	26	24.3	26	24.3	26	24.5
理论注射容量	Shot volume (theoretical)	CM <sup>3</sup>	700	822	1212	1391	1212	1391	1810	2043
注射重量(ps)	Injection weight (PS)	g	637	748	1103	1266	1103	1266	1647	1859
注射速率	Injection rate	g/s	1415	1661	1646	1890	1646	1890	1646	1858
注射压力	Injection pressure	Mpa	171	146	171	149	171	149	171	151
注射速度	Injection speed	mm/s	520		520		520		360	
螺杆转速	Screw speed	rpm	0-350		0-300		0-300		0-280	
<b>合模装置</b>	<b>Clamping Unit</b>									
合模力	Clamping force	KN	4800		6000		7300		8500	
移模行程	Open stroke	mm	730		780		850		900	
拉杆内间距(宽×高)	Space between tie-bars(W*H)	mm	730×675		810×780		860×850		910×890	
最大模厚	Max. mould height	mm	750		850		900		950	
最小模厚	Min. mould height	mm	300		350		350		400	
顶出行程	Ejector stroke	mm	100		180		180		180	
顶出力	Ejector force	KN	70		150		150		150	
<b>其它</b>	<b>Others</b>									
最大油泵压力	Pump max. pressure	Mpa	19/16		19		19		19	
电机功率(伺服)	Pump motor power (servo)	KW	40+40+51		51+51+51		51+51+51		51+51+51	
电热功率	Heating power	KW	27.6		30		30		33	
加热段数	Numbers of heating area	Segment	3+1		5+1		5+1		5+1	
外形尺寸(长×宽×高)	Machine dimension (L*W*H)	M	8.2×1.95×2.45		8.45×2.2×2.7		8.7×2.3×3		9.8×2.5×3.1	
油箱容积	Oiltank cubage	L	1100		1100		1100		1100	
机器重量	Machine weight	TON	22.5		26		32		45	

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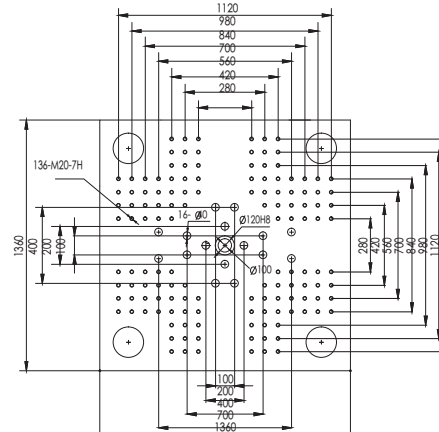
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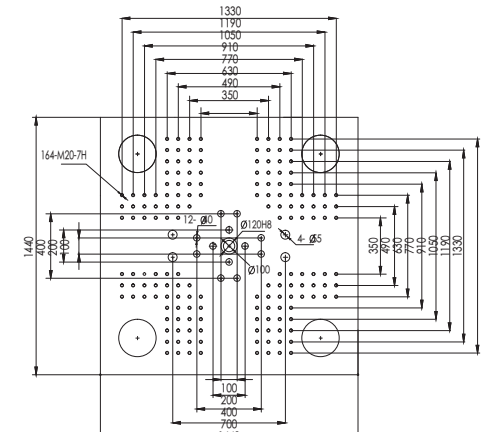
HJ480E



HJ600E



HJ730E



HJ850E