

"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.**  
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## TSUENSAINT 公司简介

宁波茌茌科技发展有限公司，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。

宁波茌茌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“茌茌科技”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。宁波茌茌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.

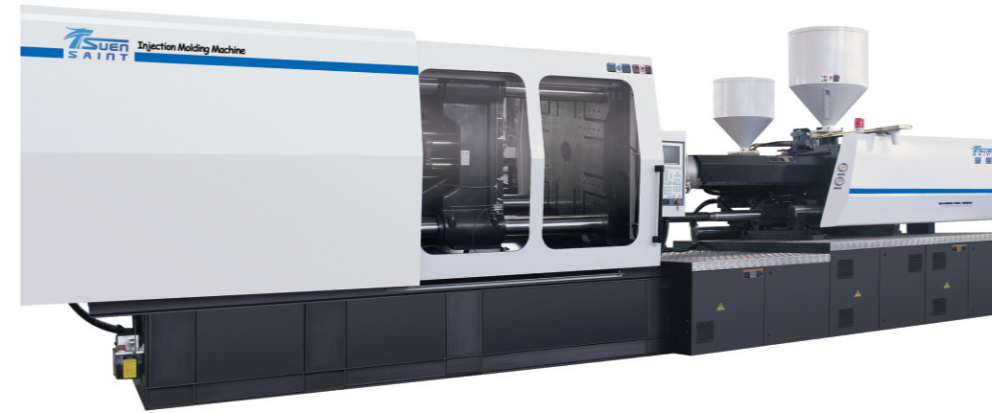
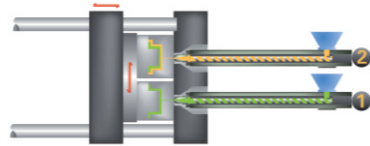
NINGBO TSUENSAINT TECHNOLOGY DEVELOPMENT CO.,LTD. relies on its strong foundation in technical strength and manufacturing capabilities. We have collaborated with our European partners to gather advanced product technology and launched multiple export oriented high-end special injection molding machines 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



- 模开后/动模配有180°转盘装置，采用油马达或伺服马达驱动旋转，回转定位准确、敏捷。
- 机能/双组份异类料注射装置的同步注射，适用分清双色&夹芯填充料制品加工生产。
- When the mold opens, the moving platen is equipped with 180°rotary table unit, by using hydraulic motor or servo motor to drive the rotation, it can make rotary table positioning accurately and quickly
- Machine functions/the synchronous injection of bi-component heterogeneous materials injection unit, is suitable for the processing and manufacturing of dual color & sandwich material products



- 采用两个注射单元 / 单流道射胶，先由模腔壁 / 表层注塑临固，再由另类填充料注入型腔成型。
- 匹配专用双位控制器，两单元注射工艺各可单独设定与实时控制，并可改用混双色制品加工，产出多彩夺目优胜制品。

M系列支持顾客方案定制  
M series-Supporting customized solutions



- Adopting two injection units/single runner injection, first injection from mold cavity wall/surface injection solidification, then inject with another filling material to cavity for molding
- Equipped with specialized two-position controller, which can achieve separate setting and timely control of the two injection units processing technic. Besides, it can be used for the production of mixed color products and make colorful&high quality products

S系列 规格参数 S series technical parameters

根据顾客需求, 支持多组份成型定制!  
We fully support multicomponent molding solutions based on customer's requirements!

国际标准型号	INTERNATIONAL CLASS NO.	S150A				S170A				S270A				S360A				S550A				
规格	SPECIFICATION	注 Injection 1(268)		注 Injection 2(158)		注 Injection 1(358)		注 Injection 2(268)		注 Injection 1(358)		注 Injection 2(478)		注 Injection 1(828)		注 Injection 2(478)		注 Injection 1(1380)		注 Injection 2(638)		
螺杆型式	Screw type	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
<b>注射装置 Injection Unit</b>																						
螺杆直径	Screw diameter	mm	30	32	26	28	35	38	32	35	32	35	38	42	45	50	38	42	55	60	42	45
螺杆长径比	Screw L/D ratio	L/D	23.5	22	25.4	24	22	20.3	22	20.1	24.1	22	24.3	22	24.4	22	24.3	22	24	22	23.6	22
理论注射容量	Shot volume (theoretical)	CM <sup>3</sup>	117	133	67.6	78	136	192	133	160	136	163	227	277	397	490	227	277	676	805	311	357
注射重量(ps)	Injection weight (PS)	g	106	121	62	70	148	175	121	146	124	148	207	252	361	446	207	252	615	733	283	325
注射速率	Injection rate	g/s	71	81	54.8	62	89	105	81	97	74	89	94	115	136	168	94	115	224	266	139	160
注射压力	Injection pressure	Mpa	230	203	245	195	219	186	203	170	260	219	209	171	207	168	209	171	202	170	203	177
螺杆转速	Screw speed	rpm	0-225		0-215		0-210		0-225		0-210		0-185		0-180		0-185		0-220		0-180	
<b>合模装置 Clamping Unit</b>																						
合模力	Clamping force	KN	1500				1700				2700				3600				5500			
移模行程	Open stroke	mm	350				435				560				610				610			
转盘直径	Diameter of rotational mold adapter	mm	Φ660				Φ730				Φ1060				Φ1170				Φ1280			
拉杆内间距(宽×高)	Space between tie-bars(W*H)	mm	620×410				700×420				950×580				1010×630				1180×700			
最大模厚	Max. mould height	mm	430				450				560				630				800			
最小模厚	Min. mould height	mm	120				150				200				200				300			
顶出行程	Ejector stroke	mm	100				100				110				130				150			
顶出力	Ejector force	KN	30×2				30×2				38×2				70×2				110×2			
模具定位中心距	Distance between molds posiling centers	mm	350				420				490				560				630			
<b>其它 Others</b>																						
最大油泵压力	Pump max. pressure	Mpa	16				16				16				16				16			
电机功率(伺服)	Pump motor power (servo)	KW	11		7.5		13		11		13		15		22		13		30		18.5	
电热功率	Heating power	KW	6.8		6.8		7.5		6.8		7.5		9.3		14.8		9.3		18.8		12.3	
外形尺寸(长×宽×高)	Machine dimension (L*W*H)	M	5.2×1.7×1.8				5.4×1.9×2.0				6.4×2.2×2.4				7×2.3×2.6				8.8×2.7×2.72			
机器重量	Machine weight	TON	5.2				7				12				16				30			