

"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.

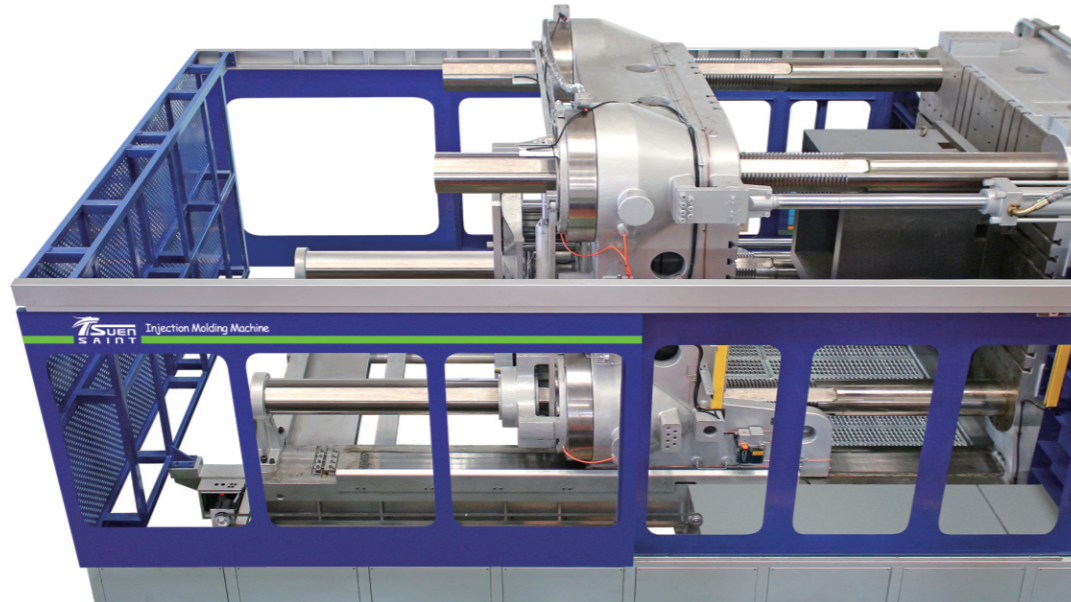
智能制造步入示范 Enter the Age of Intelligent Manufacturing



倡时代应用★二板机

Time-oriented application
Two platen machine

- 根据制品需求, 便于定制开模行程
 - 开合模敏捷、平稳, 提高运行周期
 - 增加使用寿命, 减少维护费用
 - 框式模板特强刚性, 缩小占地面积
- According to product demand, easy to customize opening stroke
 - Mold opening & clamping with agility and stability, which has improved cycle time
 - Increase the service life and reduce maintenance cost
 - With strong stiffness of frame platen, which can reduce the floor area



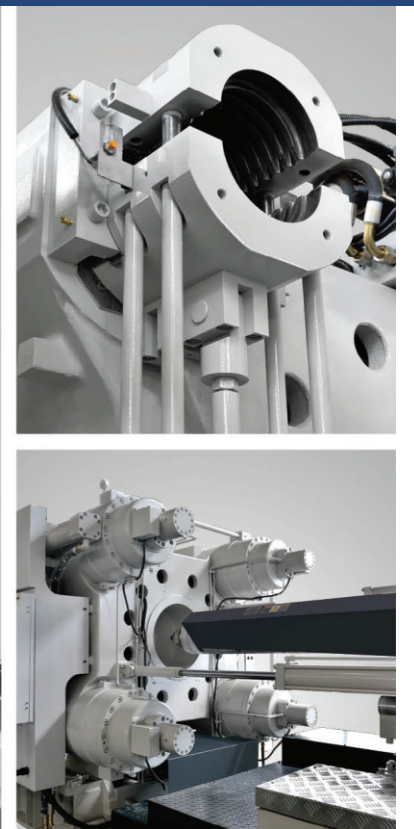
SPECIAL OPTIONS

Open stroke & mold thickness can be increased within permitted/feasible range

The ejector rod can be lengthened
PID temperature control of mold hot runner (< 84sets)

Overlap function of plasticizing & charging can be done when in mold open or mold eject stage

Specification of clamping & injection unit can be changed flexibly/combination machine can be made to order



Z系列 规格参数 Z series technical parameters

国际标准型号	INTERNATIONAL CLASS NO.	680/5180				750/6080				1180/9780				1380/11580				1450/11580				1680/13780				1850/13780				2080/24080				2500/36800				3000/62000				
规格	SPECIFICATION	Z/680				Z/750				Z/1180				Z/1380				Z/1450				Z/1680				Z/1850				Z/2080				Z/2500				Z/3000				
螺杆型式	Screw type	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	A	B	C	A	B	C				
注射装置	Injection Unit																																									
螺杆直径	Screw diameter	mm	90	95	100	105	90	95	105	110	110	115	120	125	110	120	130	140	110	120	130	140	120	130	140	150	120	130	140	150	150	160	170	170	185	200	180	210	220			
螺杆长径比	Screw L/D ratio	L/D	23.2	22	20.9	19.9	23.2	22	19.9	19	23	22	21.1	20.3	25.1	23	21.2	19.7	25.1	23	21.2	19.7	26	24	22.3	20.8	26	24	22.3	20.8	23.5	22	20.7	21	21	21	24.8	21	21			
理论注射容量	Shot volume (theoretical)	CM ³	2926	3260	3612	3982	3085	3437	4199	4608	5270	5760	6272	6806	5559	6616	7765	9006	5559	6616	7765	9006	7125	8362	9698	11133	7125	8362	9698	11133	13887	15800	17837	21955	26000	30387	29390	40003	43904			
注射重量(ps)	Injection weight (PS)	g	2663	2967	3287	3624	2807	3128	3821	4193	4796	5242	5708	6193	5059	6021	7066	8195	5059	6021	7066	8195	6484	7609	8825	10131	6484	7609	8825	10131	12637	14378	16232	19979	23660	27652	26745	36403	39953			
注射速率	Injection rate	g/s	579	645	715	788	574	640	782	858	793	867	944	1024	752	895	1050	1218	752	895	1050	1218	1057	1240	1438	1651	1057	1240	1438	1651	1315	1496	1689	1351	1600	1870	1469	2000	2195			
注射压力	Injection pressure	Mpa	177	159	143	130	195	175	143	130	186	170	156	144	208	175	149	128	205	172	147	127	194	165	142	124	194	165	142	124	173	152	135	166	140	120	210	154	140			
螺杆转速	Screw speed	rpm	150				115				90				90				90				95				95				75				65				50			
合模装置	Clamping Unit																																									
合模力	Clamping force	KN	6800				7500				11800				13800				14500				16800				18500				20800				25000				30000			
拉杆内间距(宽*高)	Space between tie-bars (W*H)	mm	1040×910				1110×960				1260×1100				1380×1280				1480×1380				1580×1480				1650×1550				1800×1600				1900×1700				2080×1880			
最大模厚	Max. mould height	mm	950				1000				1200				1400				1450				1700				1750				1800				2000				2100			
最小模厚	Min. mould height	mm	350				400				450				600				700				700				750				800				850				1000			
顶出行程	Ejector stroke	mm	250				300				350				360				400				400				450				450				450				500			
顶出力	Ejector force	KN	150				210				248				248				280				280				400				400				400				500			
最大开距	Max. Daylight	mm	1750				1850				2400				2900				3100				3365				3450				3600				3900				4200			
移模行程	Mould Opening Stroke	mm	1400/800				1450/850				1950/1200				2300/1500				2400/1650				2665/1665				2700/1700				2800/1800				3050/1900				3200/2100			
最大装置重量	Max. mold weight	t	9.5				11				16				23				27				33				40				50				59				66			
其它	Others																																									
最大油泵压力	Pump max. pressure	Mpa	21/16				21/16				21/16				21/16				21				21/17.5				21				21/17.5				21				21/16			
电机功率(伺服)	Pump motor power (servo)	KW	30+37+3.75				37+37+7.5				45+55+7.5				55+55+7.5				55+55+7.5				45+45+55+11				45+45+55+11				45+55+55+11				55+55+55+7.5				55+55+55+55+7.5			
电热功率	Heating power	KW	42.95				56.7				66.1				86				86				94.9				94.9				114				194				194			
加热段数	Numbers of heating area	Segment	5+1				6+1				6+1				6+1				7+1				8+1				8+1				9+1				10+1				10+1			
外形尺寸(长*宽*高)	Machine dimension (L*W*H)	M	7.4×2.6×2.98				8.7×2.5×3.2				9.5×3.3×3.4				11.7×3.55×4.2				12.5×3.65×4.3				13.0×3.8×4.9				13.3×4.2×4.9				13.5×4.3×4.9				15.5×4.6×5.2				16.5×4.9×5			
油箱容积	Oil tank cubage	L	770				940				1500				1600				1600				2000				2000				2600				3200				3600			
机器重量	Machine weight	TON	27				31				48				65				75				90				98				115				145				165			