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TS、TS/G系列注塑机

TS, TS/G SERIES INJECTION MOLDING MACHINE

机铰式液压伺服驱动

Toggle Hydraulic Servo Driven



股票代码 Stock Code 300607



苏州吴中经济开发区——华东研发制造基地

Suzhou Wuzhong Economic Development Zone – East China R&D and Manufacturing Base

Introduction of Injection Molding Machine Business Unit

注塑机事业部介绍

让注塑制造更高效，让工业制造更美好

Make injection molding manufacturing more efficient, make industrial manufacturing better

拓斯达注塑机事业部是国内唯一拥有注塑机到辅机全套设备自主研发自产体系的注塑装备机构，具有自研率高、用户群广、集成经验丰富、可整厂实施四大优势。

坚持“让工业制造更美好”的使命，立足于拓斯达智能装备平台，汇聚30余年品牌的注塑机传承，致力推进注塑机和注塑系统工程更智能，为客户提供注塑全流程、全周期产品服务。

Topstar Injection Molding Machine Business Unit is the only domestic injection molding equipment organization with an "injection molding machine and auxiliary equipment self-research and self-production system". Its advantages are high self-research rate, wide user base, integration experience and implementation of the whole plant.

Topstar insists on the mission of "making industrial manufacturing better". Based on the Topstar intelligent equipment platform and more than 30 years of brand injection molding machine heritage, we are committed to promoting more intelligent injection molding machines and system engineering, to provide customers with the whole process and the whole cycle of injection molding product services.

研发理念

R&D Concept

拓斯达注塑机研发理念聚焦“系统化、通用化、精密化、性价比”。

Topstar injection molding machine research and development concept focus on "systematization, universalization, precision, cost-effectiveness".

系统化是指通过硬件注塑机机械手辅机的配合，实现如“机械手跟踪锁模位置补偿”提高注塑工站性能，通过软件注塑机控制系统实现注塑机辅机一体化控制，形成注塑行业系统化整体解决方案。

Systematization refers to the use of hardware to enable the injection molding machine, robot and auxiliary machine to cooperate to achieve "robot tracking clamping position compensation" and improve the performance of the injection molding station. At the same time, the use of "injection molding machine control system" software to achieve the integration of injection molding machine and auxiliary machine control, thus forming a systemic overall solution for the injection molding industry.

通用化是指拓斯达注塑机面向大多数行业，增加注塑机应用的场景，为客户多种类产品生产提供便利。

Generalization means that the Topstar injection molding machine applies to most industries and scenarios of injection molding machine applications, and it can facilitate the production of many kinds of products for customers.

精密化是指通过自主研发，不断优化产品设计，提升温度、速度、注射压力、降低原料及能源消耗等关键指标控制，提升制品质量及生产效益。

Precision refers to the optimization of independent research and product design to improve temperature, speed, injection pressure; reduce raw materials; control energy consumption and other key indicators, to improve product quality and production efficiency.

性价比则满足与相同价位产品，实现在配件、功能上提升10%–15%的设计原则，为客户提效降本。

Cost-effectiveness refers to the design principle of "10%–15% improvement in accessories and functions of injection molding equipment" when comparing with products of the same price level, to improve efficiency and reduce costs for customers.

TS、TS/G Series Products

TS、TS/G系列产品

注塑机具有能一次成型外型复杂、尺寸精确或带有金属嵌件的质地密致的塑料制品的能力。

The injection molding machine has the ability to mold dense plastic products with complex appearance, precise dimensions or metal inserts in one go.

产品特点

Product Features



稳定坚固、简单实用
Stable and sturdy,
simple and practical



高可靠性，容易操作
High reliability and
easy to operate



易于加工、安装
Easy to process and install



方便维修、保养
Easy to repair and maintain



Application Industries

应用行业

电子类
Electronics

路由器底盖

苹果12手机保护套

网线水晶头

智能手机背盖

容器类
Containers

榨汁机量杯

PCTG水杯

空气炸锅配件

一次性水杯/航空杯

3C家电
3C Home Appliances

罗格朗LEGRAND插线盒

高端音响外壳

冰箱冷冻室下风道盖板

果汁机内配件

化妆品
Cosmetics

化妆品盒

眉笔芯管

化妆品香水瓶盖

八角乳液瓶盖

汽配行业
Auto Parts

倒车雷达镜头头

阀体

TPV 汽车杯托

LED 鱼眼车灯

日用品
Daily Products

壁挂置物架

浴室置物架

塑料抽纸盒

桌面收纳盒



高强度，稳定可靠



优良塑化组件



高稳定，精密控制



高端、自研、12寸屏电脑



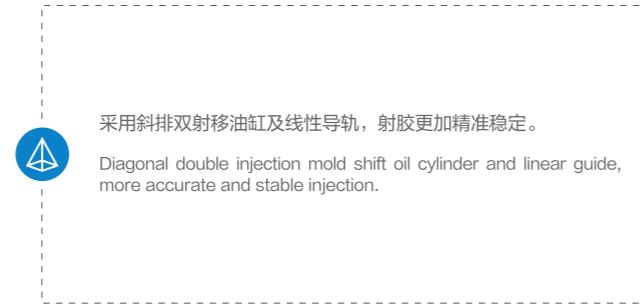
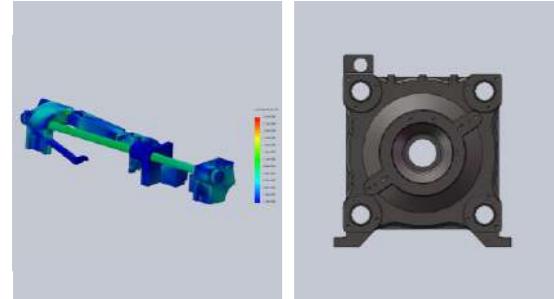
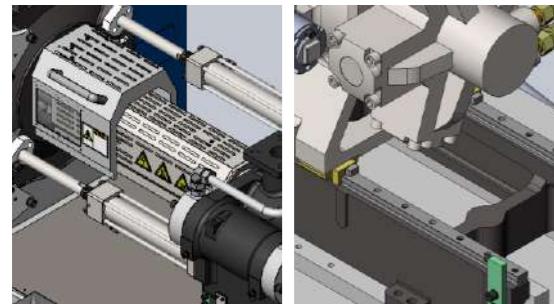
宁静节能

Product Accessories

产品配件

TS、TS/G通用型精密伺服注塑机 90T-470T

TS、TS90/G general-purpose precision servo-driven injection molding machine 90T-470T

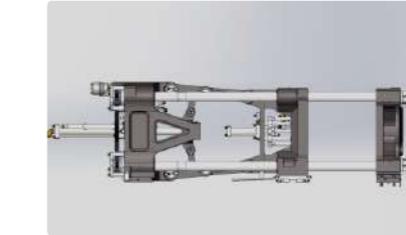


Product Features

产品特点



先进的射胶、锁模、油压系统设计，机器参数全面升级；
Advanced design of injection, mold clamping and oil pressure system, and comprehensive;



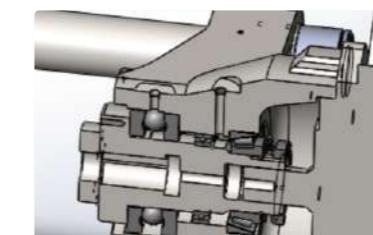
全新斜排机铰布局，可实现超长行程开模，开模位置精度<1mm，模板运动快且稳；
Brand new diagonal hinge layout, which can realize ultra-long stroke mold opening, mold opening position accuracy <1mm, fast and stable platen movement;



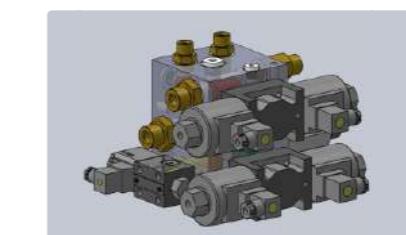
采用欧标顶针，顶针操作空间大；
European standard ejector pin, with large operation space;



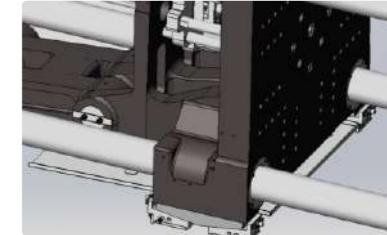
全新的调模机构，一键即可实现自动精准调模；
New mold adjustment mechanism, with one-key function available to realize automatic and accurate mold adjustment;



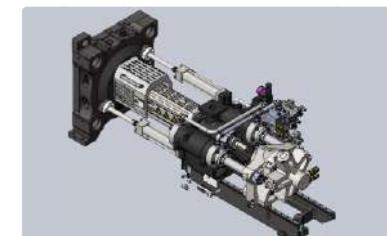
射胶传动轴采用三轴承设计，保证同轴度，螺杆料筒磨损小；
Three bearing design for the injection drive shaft to ensure coaxiality and small wear of the screw barrel;



油路系统全面升级，安全，稳定，功能全，差动锁模运行周期快；
Oil circuit system fully upgraded, safe, stable, full-featured, with fast operation cycle of differential clamping;



采用独特的双滑脚设计，模板平行度调节方便；
Unique double slider design, easy to adjust the parallelism of the platen;



双射移搭配线性导轨，射台运动阻力小，动作灵敏，射胶精准稳定；
Double injection shift with linear guide, low resistance of injection unit movement, sensitive action, accurate and stable injection;

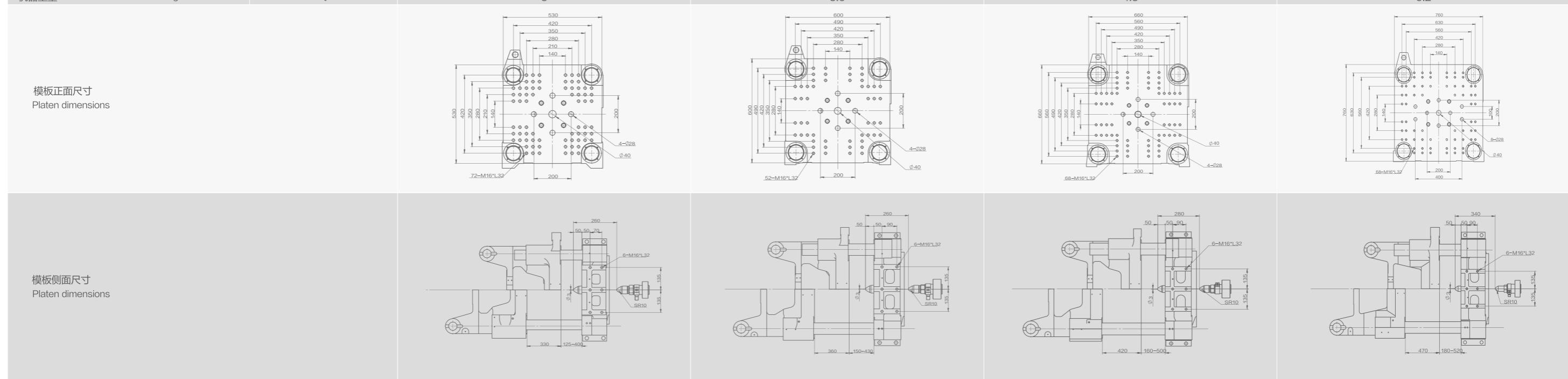


采用高端注塑机专业电脑控制器。
High-end injection molding machine professional computer controller.

Product Parameters

产品参数

注射部份	INJECTION UNIT	UNITS	TS90 / TS90/G			TS130 / TS130/G			TS170 / TS170/G			TS220 / TS220/G		
			IU290			IU390			IU590			IU760		
螺杆直径	Screw Diameter	mm	32	36	40	36	40	45	40	45	50	45	50	55
螺杆长径比	Screw L/D Ratio	L/D	22.5	20.0	18.0	22.2	20.0	17.8	22.5	20.0	18.0	22.2	20.0	18.2
螺杆行程	Screw Stroke	mm	150	150	150	170	170	170	200	200	200	210	210	210
注射容积	Shot Volume	cm³	121	153	188	173	214	270	251	318	393	334	412	499
注射重量(PS)	Shot Weight(ps)	g	110	139	172	157	194	246	229	289	357	304	375	454
注射压力	Injection Pressure	kgf/cm	2393	1890	1531	2301	1864	1473	2362	1866	1511	2299	1862	1539
注射速率	Injection Rate	cm	97 / 79	122 / 100	151 / 123	122 / 101	151 / 124	191 / 157	151 / 123	191 / 156	236 / 192	191 / 157	236 / 194	285 / 235
注射速率	Injection Rate	g/s	88 / 72	111 / 91	137 / 112	111 / 92	137 / 113	174 / 143	137 / 112	174 / 142	214 / 175	174 / 143	214 / 177	259 / 214
注射速度	Injection Speed	mm/s	120 / 98	120 / 98	120 / 98	120 / 99	120 / 99	120 / 99	120 / 98	120 / 98	120 / 99	120 / 99	120 / 99	120 / 99
螺杆转速	Screw Speed	rpm	260 / 220			260 / 220			230/200			200 / 175		
射咀推力	Nozzle Contact Force		4.2			4.2			6.2			6.2		
射咀行程	Nozzle Stroke	mm	260			260			280			340		
锁模部份	CLAMPING UNIT	UNITS	TS90 / TS90/G			TS130 / TS130/G			TS170 / TS170/G			TS220 / TS220/G		
锁模力	Clamping Force		90			130			170			220		
开模行程	Opening Stroke	mm	330			360			420			470		
模板尺寸(水平×垂直)	Platen size(H×V)	mm	530 x 530			600 x 600			660 x 660			760 x 760		
导柱内距(水平×垂直)	Space Between Tie Bars(H×V)	mm	360 x 360			410 x 410			455 x 455			510 x 510		
容模量(最薄-最厚)	Mould Thickness (Min)	mm	125			150			160			180		
容模量(最薄-最厚)	Mould Thickness (Max)	mm	400			430			500			520		
模板最大距离	Max. Daylight	mm	730			790			920			990		
顶出推力	Ejector Force		5.5			5.5			5.5			6.7		
顶出行程	Ejector Stroke	mm	120			120			140			160		
定位法兰	Locating Ring	mm	100			100			125			125		
电力/电热	POWER/HEATING UNIT	UNITS	TS90 / TS90/G			TS130 / TS130/G			TS170 / TS170/G			TS220 / TS220/G		
系统压力	System Pressure	kgf/cm	175			175			175			175		
油泵电机功率	Pump Power	kw	13 / 13			18 / 13			22 / 18			26 / 22		
电热量	Heating Power	kw	7			9.7			10.2			13.6		
温度控制段数	Number of Temp Control Zones		3+1			3+1			3+1			3+1		
其它	OTHERS	UNITS	TS90 / TS90/G			TS130 / TS130/G			TS170 / TS170/G			TS220 / TS220/G		
机器尺寸(长x宽x高)	Machine Dimensions(LxWxH)	m	4.45 x 1.24 x 1.84			4.69 x 1.3 x 1.89			5.18 x 1.38 x 1.96			5.77 x 1.53 x 2.07		
油箱容积	Oil Tank Capacity	L	150			150			200			240		
机器重量	Machine Weight	t	3			3.6			4.3			6.2		



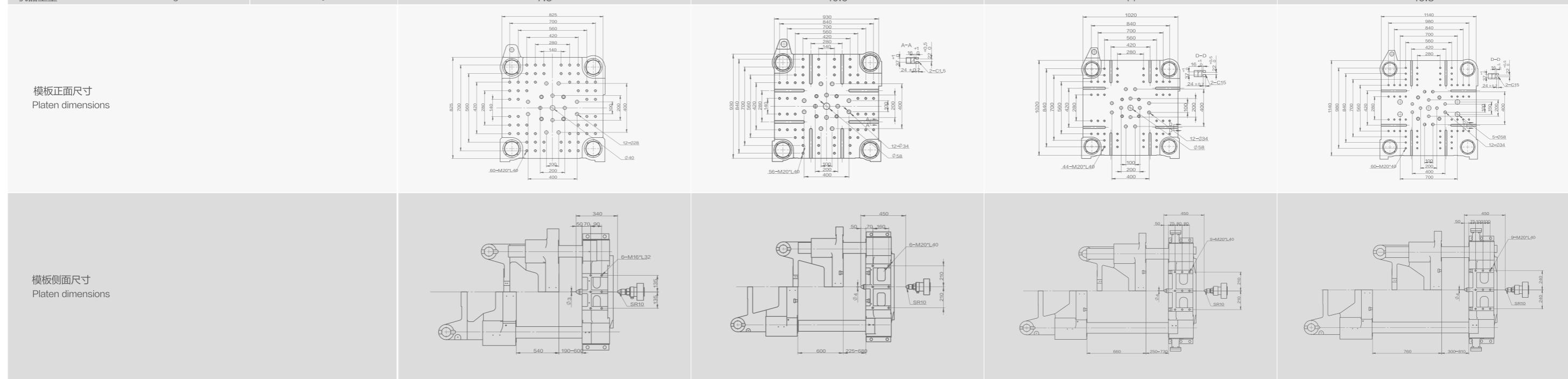
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Due to the continuous development of technology, improvement and update of design, the above specifications are subject

Product Parameters

产品参数

注射部份	INJECTION UNIT	UNITS	TS260 / TS260/G			TS330 / TS330/G			TS400 / TS400/G			TS470 / TS470/G			
			IU1060			IU1700			IU2200			IU3100			
螺杆直径	Screw Diameter	mm	50	55	60	60	65	70	65	70	75	75	80	85	
螺杆长径比	Screw L/D Ratio	L/D	22.0	20.0	18.3	21.7	20.0	18.6	21.5	20.0	18.7	21.3	20.0	18.8	
螺杆行程	Screw Stroke	mm	240	240	240	280	280	280	320	320	320	360	360	360	
注射容积	Shot Volume	cm³	471	570	679	792	929	1078	1062	1232	1414	1590	1810	2043	
注射重量(PS)	Shot Weight(ps)	g	429	519	618	720	846	981	966	1121	1286	1447	1647	1859	
注射重量(PS)	Shot Weight(ps)	oz	15.1	18.3	21.7	25.4	29.8	34.5	34.0	39.4	45.3	50.9	58.0	65.4	
注射压力	Injection Pressure	kgf/cm²	2257	1865	1567	2188	1864	1607	2085	1798	1566	1984	1744	1545	
注射速率	Injection Rate	cm³/s	236 / 192	285 / 233	339 / 277	331 / 271	388 / 319	450 / 369	332 / 315	385 / 366	442 / 420	442 / 420	503 / 478	567 / 539	
注射速率	Injection Rate	g/s	214 / 175	259 / 212	309 / 252	301 / 247	353 / 290	410 / 336	302 / 287	350 / 333	402 / 382	402 / 382	457 / 435	516 / 491	
注射速度	Injection Speed	mm/s	120 / 98	120 / 98	120 / 98	117 / 96	117 / 96	100 / 95	100 / 95	100 / 95	100 / 95	100 / 95	100 / 95	100 / 95	
螺杆转速	Screw Speed	rpm	200 / 175			200 / 170			170 / 170			170 / 170			
射咀推力	Nozzle Contact Force	t		6.2			9.1			9.1			9.1		
射咀行程	Nozzle Stroke	mm		340			450			450			450		
锁模部份	CLAMPING UNIT	UNITS	TS260 / TS260/G			TS330 / TS330/G			TS400 / TS400/G			TS470 / TS470/G			
锁模力	Clamping Force	t		260			330			400			470		
开模行程	Opening Stroke	mm		540			600			660			760		
模板尺寸(水平×垂直)	Platen size(H×V)	mm	825 x 825			930 x 930			1020 x 1020			1140 x 1140			
导柱内距(水平×垂直)	Space Between Tie Bars(H×V)	mm	570 x 570			670 x 670			710 x 710			810 x 810			
容模量(最薄-最厚)	Mould Thickness (Min)	mm	190			225			250			300			
容模量(最薄-最厚)	Mould Thickness (Max)	mm	600			680			730			810			
模板最大距离	Max. Daylight	mm	1140			1280			1390			1570			
顶出推力	Ejector Force	t	6.7			6.7			11.0			11.0			
顶出行程	Ejector Stroke	mm	160			160			220			220			
定位法兰	Locating Ring	mm	125			125			160			160			
电力/电热	POWER/HEATING UNIT	UNITS	TS260 / TS260/G			TS330 / TS330/G			TS400 / TS400/G			TS470 / TS470/G			
系统压力	System Pressure	kgf/cm²	175			175			175			175			
油泵电机功率	Pump Power	kw	34 / 26			45 / 34			45 / 45			52 / 52			
电热量	Heating Power	kw	17.3			21.3			23.4			31.6			
温度控制段数	Number of Temp Control Zones		3+1			4+1			5+1			5+1			
其它	OTHERS	UNITS	TS260 / TS260/G			TS330 / TS330/G			TS400 / TS400/G			TS470 / TS470/G			
机器尺寸(长x宽x高)	Machine Dimensions(LxWxH)	m	6.17 x 1.61 x 2.19			7.15 x 1.86 x 2.27			7.76 x 1.93 x 2.19			8.44 x 1.93 x 2.25			
油箱容积	Oil Tank Capacity	L	300			360			420			550			
机器重量	Machine Weight	t	7.3			10.6			14			16.8			



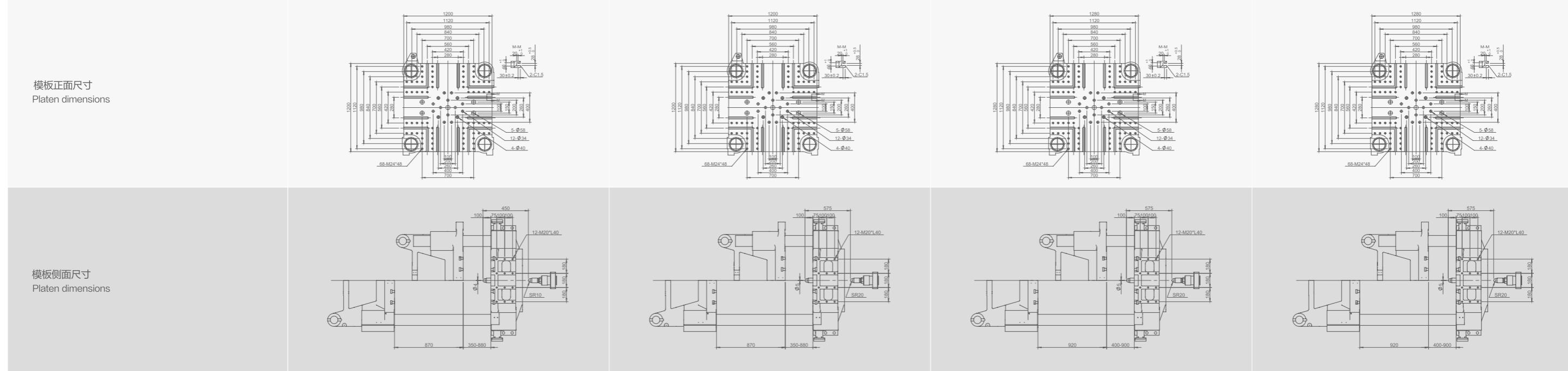
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Product Parameters

产品参数

注射部份	INJECTION UNIT	UNITS	TS560	TS560	TS650	TS650
			IU3100	IU4200	IU4200	IU5000
螺杆直径	Screw Diameter	mm	75	80	85	90
螺杆长径比	Screw L/D Ratio	L/D	21.3	20.0	18.8	23.4
螺杆行程	Screw Stroke	mm	360	360	425	425
注射容积	Shot Volume	cm ³	1590	1810	2043	2136
注射重量(PS)	Shot Weight(ps)	g	1447	1647	1859	1944
		oz	50.9	58.0	65.4	68.4
注射压力	Injection Pressure	kgf/cm ²	1984	1744	1545	1985
注射速率	Injection Rate	cm ³ /s	420	478	539	528
注射速率	Injection Rate	g/s	382	435	491	480
注射速度	Injection Speed	mm/s	95	95	105	105
螺杆转速	Screw Speed	rpm		170	170	170
射咀推力	Nozzle Contact Force	t		9.1	9.1	9.8
射咀行程	Nozzle Stroke	mm		450	575	575
锁模部份	CLAMPING UNIT	UNITS	TS560	TS560	TS650	TS650
锁模力	Clamping Force	t		560	560	650
开模行程	Opening Stroke	mm		870	870	920
模板尺寸(水平×垂直)	Platen size(H×V)	mm	1200x1200	1200x1200	1280x1280	1280x1280
导柱内距(水平×垂直)	Space Between Tie Bars(H×V)	mm	860x860	860x860	920x920	920x920
容模量(最薄-最厚)	Mould Thickness (Min)	mm	350	350	400	400
	Mould Thickness (Max)	mm	880	880	900	900
模板最大距离	Max. Daylight	mm	1750	1750	1820	1820
顶出推力	Ejector Force	t		16.6	16.6	18.2
顶出行程	Ejector Stroke	mm		240	240	265
定位法兰	Locating Ring	mm		160	160	160
电力/电热	POWER/HEATING UNIT	UNITS	TS560	TS560	TS650	TS650
系统压力	System Pressure	kgf/cm ²		175	175	175
油泵电机功率	Pump Power	kw		52	70	71
电热量	Heating Power	kw		31.6	43.4	43.4
温度控制段数	Number of Temp Control Zones		5+1	5+1	5+1	6+1
其它	OTHERS	UNITS	TS560	TS560	TS650	TS650
机器尺寸(长x宽x高)	Machine Dimensions(LxWxH)	m	9.19*2.03*2.1	9.19*2.03*2.1	9.34 × 2.03 × 2.37	9.46 × 2.03 × 2.37
油箱容积	Oil Tank Capacity	L	700	700	740	740
机器重量	Machine Weight	t	20.5	21	22.5	23

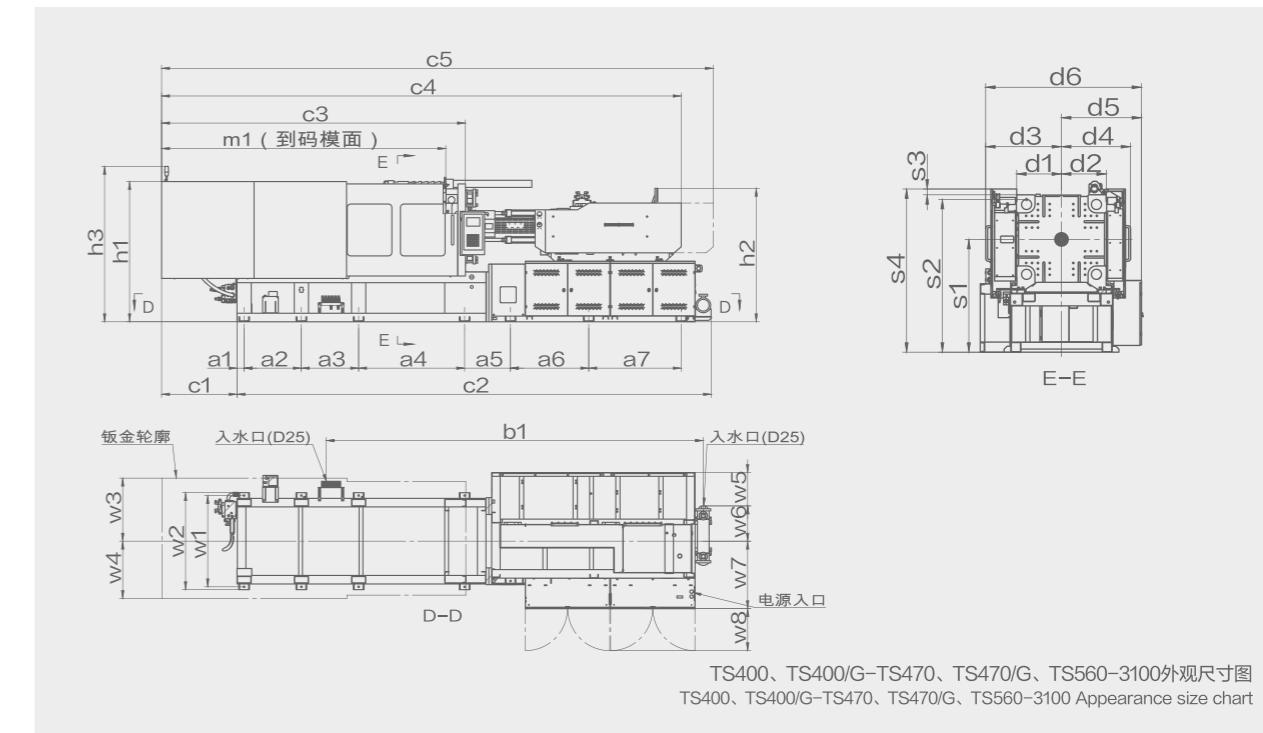
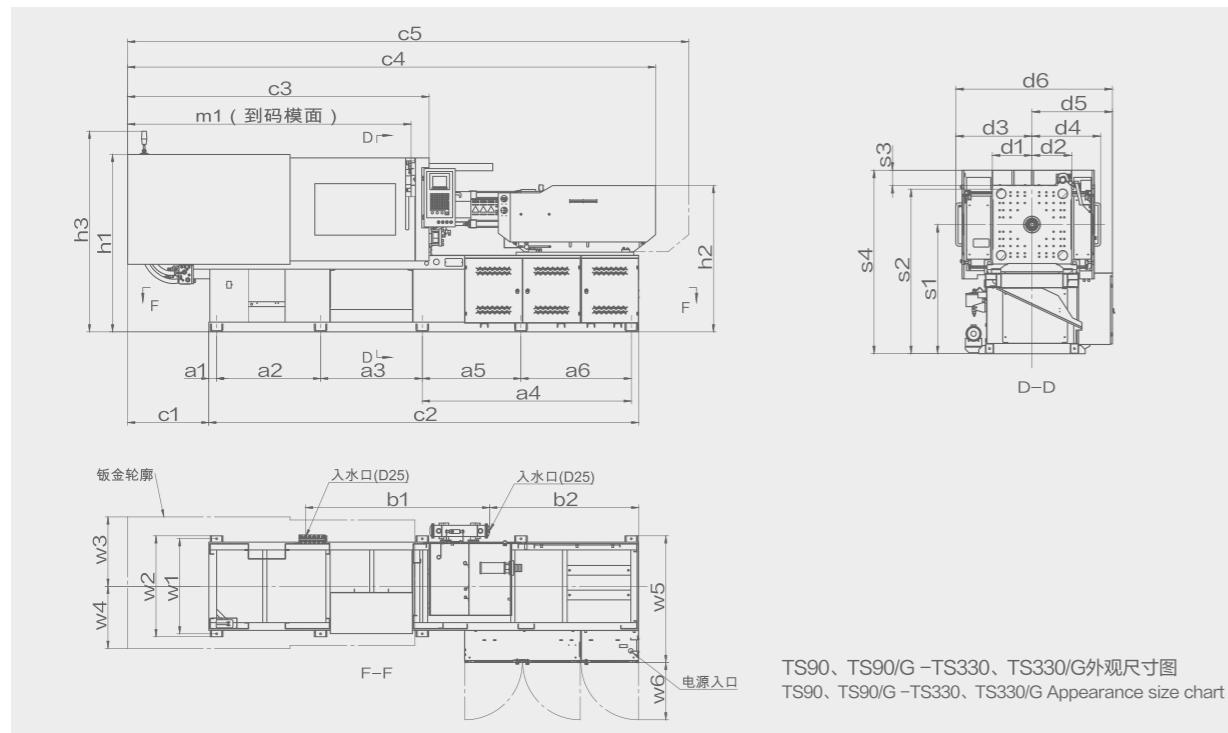


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Product Specification

产品规格



外观尺寸 Appearance size

	TS90 TS90/G	TS130 TS130/G	TS170 TS170/G	TS220 TS220/G	TS260 TS260/G	TS330 TS330/G
a1	80	80	80	80	80	105
a2	791	791	891	1069	1145	1460
a3	784	884	1013	1046	1140	1150
a4	1910	1940	2020	—	—	—
a5	—	—	—	1015	1075	1525
a6	—	—	—	1135	1135	1310
b1	1603	1764	1836	1894	2037	2520
b2	1343	1312	1459	1532	1553	1750
c1	674	714	782	835	945	1012
c2	3640	3770	4094	4420	4650	5645
c3	2375	2513	2805	3100	3392	3738
c4	4196	4428	4900	5429	5826	6704
c5	4456	4688	5180	5769	6166	7154
d1	272	307	342	387	430	502
d2	272	307	342	387	430	502
d3	586.5	611.5	651.5	743.5	783	865
d4	541.5	576.5	616.5	668.5	708	812
d5	655	690	730	784	824	990
d6	1241.5	1301.5	1381.5	1527.5	1607	1860

	TS90 TS90/G	TS130 TS130/G	TS170 TS170/G	TS220 TS220/G	TS260 TS260/G	TS330 TS330/G
h1	1600	1650	1725	1825	1947	2031.5
h2	1395	1415	1465	1505	1580	1660.5
h3	1840.5	1890.5	1965.5	2065.5	2187.5	2272
w1	720	790	870	978	1058	1200
w2	780	850	930	1038	1118	1280
w3	557	582	622	713.5	753.5	832
w4	512	547	587	638.5	678.5	787
w5	1045	1115	1195	1303	1383	1630
w6	590	590	590	590	640	590
s1	1160	1180	1220	1260	1320	1340
s2	1400	1455	1527.5	1605	1700	1785
s3	133	133	133	148	164.5	162
s4	1565	1615	1690	1790	1906.5	1997
m1	2225	2360	2640	2915	3200	3577

外观尺寸 Appearance size

	TS400 TS400/G	TS470 TS470/G	TS560 -3100
a1	100	105	105
a2	805	890	1070
a3	805	890	1070
a4	1490	1550	1550
a5	645	730	730
a6	1100	1100	1325
a7	1300	1300	1675
b1	5300	5500	6300
c1	1060	1140	1170
c2	6670	6990	8020
c3	4271.5	4666.5	5057
c4	7305	7987	8372
c5	7755	8437	8822
d1	532	592	632
d2	532	592	632
d3	900.5	980	1016
d4	820.5	880	916
d5	950	950	945
d6	1932	1932	1985

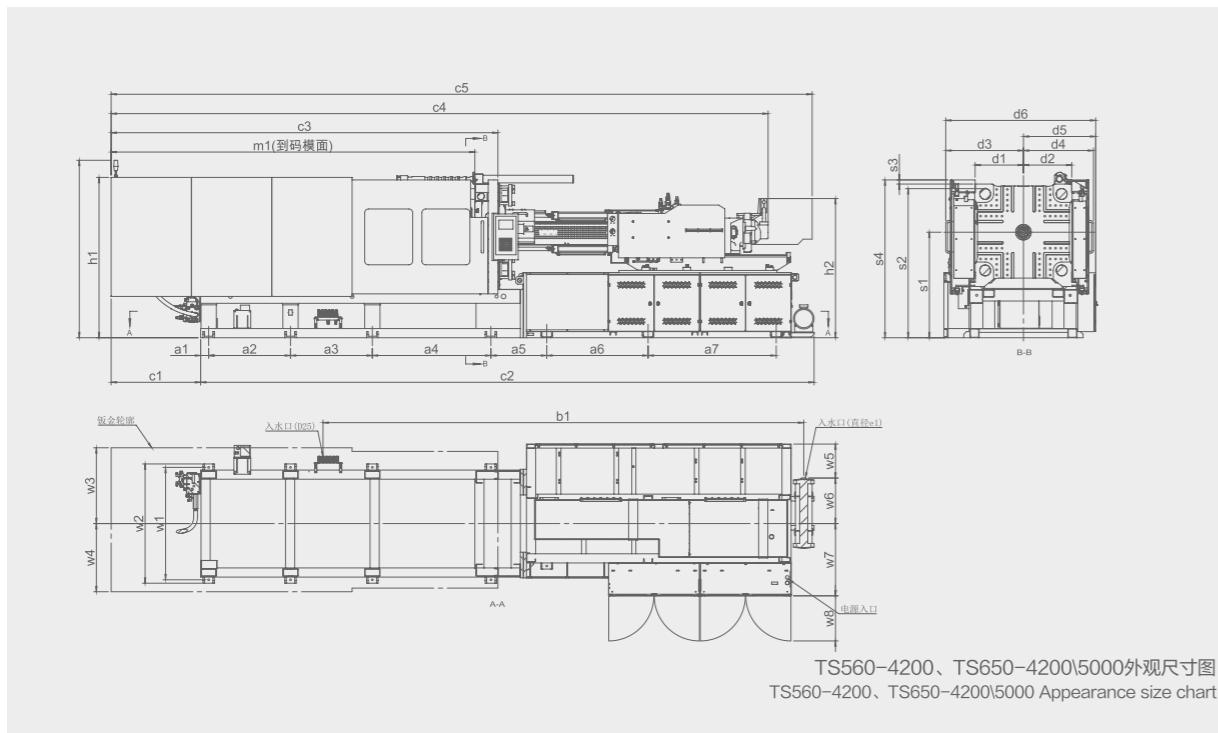
	TS400 TS400/G	TS470 TS470/G	TS560 -3100
h1	1972	2027	2097
h2	1877.5	1877.5	1918
h3	2186	2251	2321
w1	1284	1410	1470
w2	1364	1490	1560
w3	886.5	966.5	992
w4	806.5	866.5	892
w5	469.5	463	445
w6	495.5	501	595
w7	950	950	945
w8	590	590	590
s1	1340	1340	1380
s2	1815	1875	1950
s3	69	64	54
s4	1939	1994	2064
m1	3995	4370	4755

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Installation Dimensions

产品安装尺寸

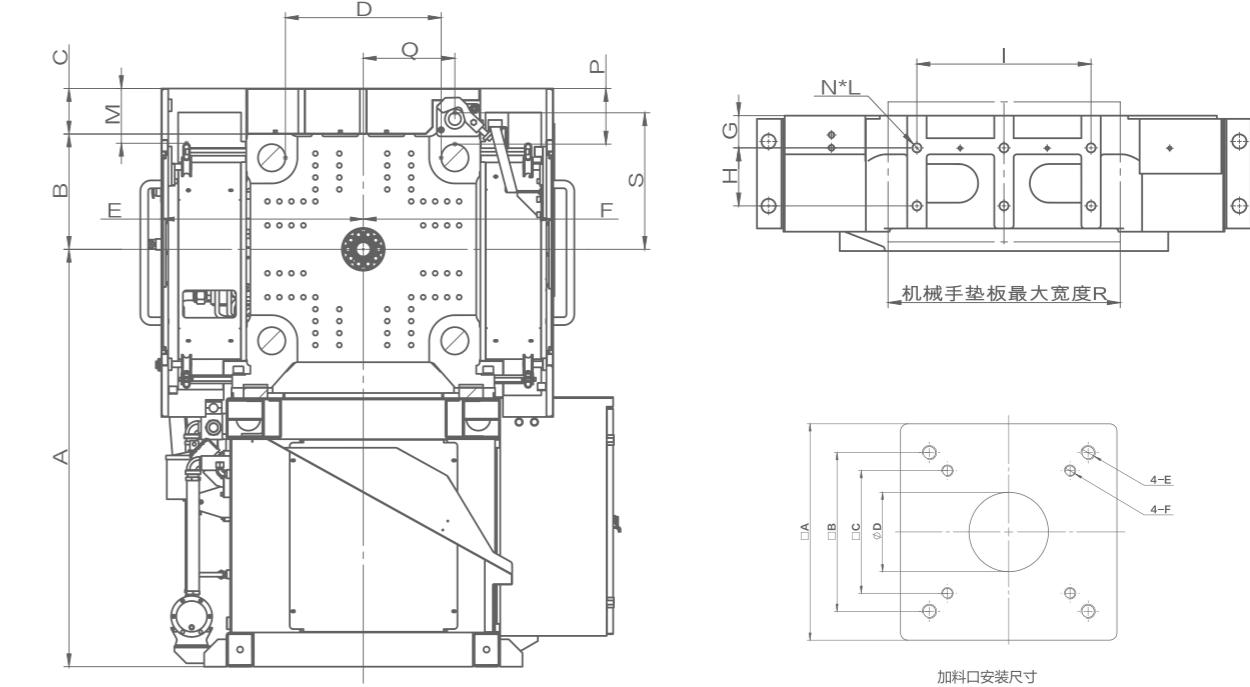


外观尺寸 Appearance size

	TS560-4200	TS650-4200	TS650-5000
a1	105	105	105
a2	1070	1145	1145
a3	1070	1145	1145
a4	1550	1545	1545
a5	730	745	745
a6	1325	1465	1465
a7	1675	1640	1640
b1	6300	6580	6580
c1	1170	1170	1170
c2	8020	8170	8170
c3	5057	5187	5187
c4	8589	8725	8882
c5	9164	9300	9457
d1	632	672	672
d2	632	672	672
d3	1016	1058	1058
d4	916	958	958
d5	945	985	985
d6	1985	2065	2065

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机型	TS90 TS90/G	TS130 TS130/G	TS170 TS170/G	TS220 TS220/G	TS260 TS260/G	TS330 TS330/G	TS400 TS400/G	TS470 TS470/G	TS560 3100	TS560 4200
A	1160	1180	1220	1260	1320	1340	1340	1340	1380	1380
B	272	302	337	382	422	495	530	590	630	670
C	133	133	133	148	164.5	162	69	64	54	64
D	360	410	455	510	570	670	710	810	860	920
E	525	550	590	682	722	804	839	908	991	1033
F	480	515	555	607	646	751	759	908	891	933
G	50	50	50	50	70	70	75	75	75	75
H	70	90	90	90	90	160	80+80	100+100	100+100	100+100
I	270	270	270	270	270	420	420	480	180+180+180	180+180+180
L	M16	M16	M16	M16	M20	M20	M20	M20	M20	M20
M	160	160	160	195	196.5	222	127	127	117	117
N	6	6	6	6	6	6	9	9	12	12
P	165	160	162.5	185	206.5	212	124	124	114	124
Q	200	240	267.5	300	332.5	380	390	440	470	505
R	300	320	360	440	480	550	600	700	690	750
S	338	368	399	459.5	499	588.5	633.5	688.5	695	730

注塑机加料口安装尺寸 Installation size of injection molding machine filling port

机型	TS90 TS90/G	TS130 TS130/G	TS170 TS170/G	TS220 TS220/G	TS260 TS260/G	TS330 TS330/G	TS400 TS400/G	TS470 TS470/G	TS560 3100	TS560 4200	TS650 4200/5000
A	150	150	150	150	150	160	160	160	160	180	180
B	110	110	110	110	110	110	110	110	110	140	140
C	85	85	85	85	85	—	—	—	—	115	115
D	55	55	55	55	55	75	75	75	75	105	105
E	M10	M10	M10	M10	M10	M10	M10	M10	M10	M12	M12
F	M8	M8	M8	M8	M8	—	—	—	—	M10	M10

Configuration Table of Standard Series

标准系列配置表

锁模部分 Mold Clamping		TS90 TS90/G	TS130 TS130/G	TS170 TS170/G	TS220 TS220/G	TS260 TS260/G	TS330 TS330/G	TS400 TS400/G	TS470 TS470/G	TS560 3100/4200	TS650 4200/5000
加大容模量50/100/150mm	Increase mold capacity by 50/100/150mm	○	○	○	○	○	○	○	○	○	○
机铰用铜套	Bushes for Toggle	●	●	●	●	●	●	●	●	●	●
拉杆导套用含油铜套	Oiled bushes for tie bars	●	●	●	●	●	●	●	●	●	●
液压马达齿轮调模	Hydraulic gear pump for mold adjust	●	●	●	●	●	●	●	●	●	●
吊模架	Suspended formwork	○	○	○	○	○	○	○	○	○	○
油脂润滑(配自润滑轴承)	Grease lubrication (with self-lubricating bearing)	○	○	○	○	○	○	○	○	○	○
模具强制复位装置	Installation of forced reset device for mold	●	●	●	●	●	●	●	●	●	●
加装模具隔热板	Installation of heat insulation board for mold	○	○	○	○	○	○	○	○	○	○
弓形码模夹	Bow-shaped mold clamp	●	●	●	●	●	●	●	●	●	●
加装机械安全锁	Installation of mechanical safety lock	●	●	●	●	●	●	●	●	●	●
锁模导轨加装钢带	Installation of steel belt for mold locking guide rail	●	●	●	●	●	●	●	●	●	●
磁力模板	Magnetic template	○	○	○	○	○	○	○	○	○	○
模板增加T型槽+码模孔	Add T-groove + code mould hole for the template	○	○	○	○	○	●	●	●	●	●
模板增加T型槽	T-groove added for formwork	○	○	○	○	○	○	○	○	○	○
成品滑道	Finished slide	●	●	●	●	●	○	○	○	○	○

射胶部分 Glue Injection		TS90 TS90/G	TS130 TS130/G	TS170 TS170/G	TS220 TS220/G	TS260 TS260/G	TS330 TS330/G	TS400 TS400/G	TS470 TS470/G	TS560 3100/4200	TS650 4200/5000
加长射嘴50/100/150/200mm	Lengthen nozzle by 50/100/150/200mm	○	○	○	○	○	○	○	○	○	○
过滤网射嘴组件	Injection nozzle assembly of filter screen	○	○	○	○	○	○	○	○	○	○
弹簧自锁射嘴(国产)	Self-locking injection nozzle of spring (made in China)	○	○	○	○	○	○	○	○	○	○
混色混炼螺杆	Mixing screw with assorted color	○	○	○	○	○	○	○	○	○	○
PMMA塑化组件	PMMA plasticizing module	○	○	○	○	○	○	○	○	○	○
PC塑化组件	PC plasticizing module	○	○	○	○	○	○	○	○	○	○
软PVC塑化组件	Flexible PVC plasticizing module	○	○	○	○	○	○	○	○	○	○
加大一级熔胶马达	Upgrade glue melting motor by a grade	○	○	○	○	○	○	○	○	○	○
减小一级/二级射胶机构	Degrade glue injection mechanism by a/two grade	○	○	○	○	○	○	○	○	○	○
射台加装手动润滑泵	Install manual lubrication pump for injection platform	○	○	○	○	○	○	○	○	○	○
下料口温度检测	Temperature detector in material feeding hole	●	●	●	●	●	●	●	●	●	●
射移、射胶用线轨	Linear guiders for injection&carriage movement	●	●	●	●	●	●	●	●	●	●
双射移油缸	Double-injection shift cylinder	●	●	●	●	●	●	●	●	●	●
全封闭保温罩	Totally enclosed heat insulation cover	●	●	●	●	●	●	●	●	●	●
加装风冷装置	Installation of air cooling device	○	○	○	○	○	○	○	○	○	○
射嘴防护罩	Nozzle shield	●	●	●	●	●	●	●	●	●	●
射台表面加花纹板	Carriage covered with anti-slip steel mat	●	●	●	●	●	●	●	●	●	●
加装料斗	With Hopper	○	○	○	○	○	○	○	○	○	○
带轴承料斗滑动装置	Sliding device of hopper with bearing	○	○	○	○	○	○	○	○	○	○
加装磁力架座(配磁力架)	Installation of magnetic frame base (with magnetic frame)	○	○	○	○	○	○	○	○	○	○
加大料斗	Enlarged hopper	○	○	○	○	○	○	○	○	○	○
埋入式探针射嘴	Embedded probe nozzle	○	○	○	○	○	○	○	○	○	○
冷水环增加电磁水阀	Add solenoid water valve for cold water ring	○	○	○	○	○	○	○	○	○	○

钣金部分 Metal Plate		TS90 TS90/G	TS130 TS130/G	TS170 TS170/G	TS220 TS220/G	TS260 TS260/G	TS330 TS330/G	TS400 TS400/G	TS470 TS470/G	TS560 3100/4200	TS650 4200/5000
加宽机门 (双边100mm)	Widened door (100mm on both sides)	○	○	○	○	○	○	○	○	○	○
降低安全门高度	Reduce the height of safety door	○	○	○	○	○	○	○	○	○	○
同步带电动门	Synchronous with electric door	○	○	○	○	○	○	○	○	○	○
锁模区加装滑动上盖板	Installation of top sliding cover plate in mold clamping area	○	○	○	○	○	○	○	○	○	○
加装一组6管冷却流量计	Installation of a set of 6-tube cooling flow meters	○	○	○	○	○	○	○	○	○	○
运水架 (进出) 配D10快插接头	Water carrier (in and out) with D10 quick connector	○	○	○	○	○	○	○	○	○	○
六进六出运水架 (进出) 配D12快插接头	6 in 6 out Water carrier (in and out) with D12 quick connector	●	●	●	●	●	●	●	●	●	●
八进八出运水架 (进出) 配D12快插接头	8 in 8 out Water carrier (in and out) with D12 quick connector	○	○	○	○	○	○	○	●	●	●

液压部分 Hydraulic Part		TS90 TS90/G	TS130 TS130/G	TS170 TS170/G	TS220 TS220/G	TS260 TS260/G	TS330 TS330/G	TS400 TS400/G	TS470 TS470/G	TS560 3100/4200	TS650 4200/5000
标配一组液压抽芯	Standard 1 set hydraulic core pulling	○	○	○	○	○	○	●	●	●	●
一组/二组/三组液压抽芯	Add a / two/three set of hydraulic core pulling system	○	○	○	○	○	○	○	○	○	○
一组/二组/三组液压抽芯配快插接头	One / two/three set of hydraulic core pulling system with quick coupling	○	○	○	○	○	○	○	○	○	○
一组气动抽芯	One set of pneumatic core pulling system	○	○	○	○	○	○	○	○	○	○
一组/二组/三组吹风	One/ two/three set of aeration system	○	○	○	○	○	○	○	○	○	○
液压旋转脱模 (不带液压马达)	Hydraulic rotary demoulding (without hydraulic motor)	○	○	○	○	○	○	○	○	○	○
液压旋转脱模 (带液压马达)	Hydraulic rotary demoulding (with hydraulic motor)	○	○	○	○	○	○	○	○	○	○
顶针/抽芯增加叠加单向阀	Thimble / core pulling system with stacked check valve	○	○	○	○	○	○	○	○	○	○
调模刹车液压马达	Hydraulic motor for mold adjustment brake	○	○	○	○	○	○	○	○	○	○
开模同步顶针/熔胶/抽芯	Synchronous thimble for mould opening / glue melting / core pulling	○	○	○</							

After-Sale Service

售后服务

电气部分 Electrical Part	TS90 TS90/G	TS130 TS130/G	TS170 TS170/G	TS220 TS220/G	TS260 TS260/G	TS330 TS330/G	TS400 TS400/G	TS470 TS470/G	TS560 3100/4200	TS650 4200/5000
电动旋转脱模 (不含马达) Electric rotary demoulding (excluding motor)	○	○	○	○	○	○	○	○	○	○
更改地区电压 Changing regional voltage	○	○	○	○	○	○	○	○	○	○
加装三色报警灯 Installation of three-color alarm light	●	●	●	●	●	●	●	●	●	●
一组2+3 220V/10A插座 One set 2+3 220V/10A power socket	●	●	●	●	●	●	●	●	●	●
二组三相32A插座 2 sets 2P 32A power socket	●	●	●	●	●	●	●	●	●	●
加装电源插座 Adding power outlets	○	○	○	○	○	○	○	○	○	○
配陶瓷发热圈 Equip ceramic heating ring	○	○	○	○	○	○	○	○	○	○
加装模具返回确认 Add mould for return confirmation	●	●	●	●	●	●	●	●	●	●
射嘴独立控制 Independent nozzle control	●	●	●	●	●	●	●	●	●	●
后门急停按钮 Emergency stop button of rear door	●	●	●	●	●	●	●	●	●	●
熔胶转速测试装置 Speed test device for glue melting	●	●	●	●	●	●	●	●	●	●
油位警报 Oil level alarm	○	○	○	○	○	○	○	○	○	○
油温过高报警 Super high oil temperature alarm	●	●	●	●	●	●	●	●	●	●
加装电度表 Installation of watt hour meter	○	○	○	○	○	○	○	○	○	○
加热用固态继电器 Solid state relay for heating	●	●	●	●	●	●	●	●	●	●
热流道接口 (接电脑) Hot runner interface (connected to computer)	○	○	○	○	○	○	○	○	○	○
气辅注射装置接口 Interface of gas assisted injection device	○	○	○	○	○	○	○	○	○	○
加装两组模具温控 Add two sets of mould for temperature control	○	○	○	○	○	○	○	○	○	○
锁模力检测及显示 Clamping force detection and display	○	○	○	○	○	○	○	○	○	○
顺序射胶接口 Sequential glue injection interface	○	○	○	○	○	○	○	○	○	○
顺序射胶 (带顺序阀) Sequential injection (with sequence valve)	○	○	○	○	○	○	○	○	○	○
欧规67 European standard 67	○	○	○	○	○	○	○	○	○	○
欧规12 European standard 12	○	○	○	○	○	○	○	○	○	○
其他部分 Other Part	TS90 TS90/G	TS130 TS130/G	TS170 TS170/G	TS220 TS220/G	TS260 TS260/G	TS330 TS330/G	TS400 TS400/G	TS470 TS470/G	TS560 3100/4200	TS650 4200/5000
射台表面加花纹板 Pattern plate on the surface of shooting table	●	●	●	●	●	●	●	●	●	●
更改钣金颜色 (A/A2以外颜色) Change metal plate color (color other than A/A2)	○	○	○	○	○	○	○	○	○	○

备注: 标准配置 “●” 和备选配置 “○”
Remark: Standard “●” Optional “○”

由于技术不断发展、设计的改进及更新,以上规格如有更改,恕不另行通知。
Due to the continuous development of technology, improvement and update of design, the above specifications are subject



快速响应

快速响应客户的需求,收集客户的现场信息并记录故障,给出保养合理化建议;

Fast Response

Quickly respond to customer needs, collect customer site information and record the failure, give reasonable maintenance Suggestions;



快速处理

快速处理,帮助客户第一时间将设备调整到最佳状态;

Fast Processing

Quickly processing to help customers adjust the equipment to the best state in the first time;

快速验收

快速完成服务项目验收。

Fast Acceptance

Quickly complete the service project acceptance.

Sincerely Appreciate

衷心感谢

超过15000家客户见证并长期支持

Over 15000 customers have witnessed TOPSTAR growth and long supports

