

Sincerity Mould And Machine



台州市黄岩森思特模具机械有限公司

Taizhou Huangyan Sincerity Mould And Machine Co.,Ltd

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2018版

公司简介

Company
Introduction

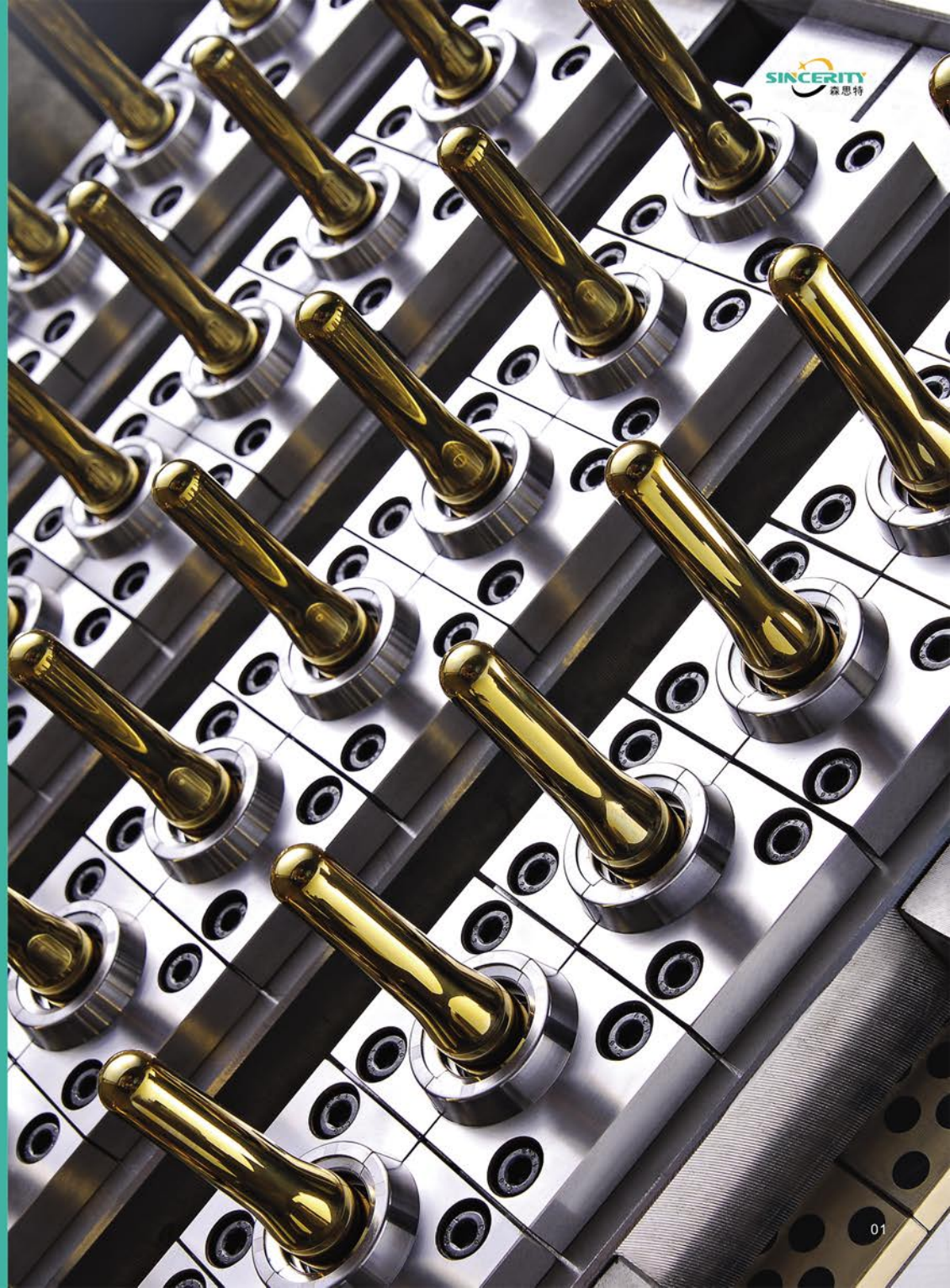
台州市黄岩森思特模具机械有限公司专业生产各种瓶坯（胚）模具、日用品模具及半自动和全自动PET吹瓶机，公司位于素有“中国模具之乡”美誉的台州黄岩，我们以客户满意为追求，以高质的技术、优惠的价格，本着“诚信经营”的理念，与国内外广大客户建立了长期良好的合作关系。

我们拥有一批优秀的专业设计师及经验丰富的模具工程师，并且引进国际一流水平的CAD/CAM计算机辅助设计制造系统，大大提高了模具设计与加工的一体化进程，为各种高、精、尖模具的设计、制造提供了有力的保证。在管理上整合国内外著名模具企业的技术标准，完全与国际行业运作接轨。森思特模具自创建以来，本着“精益求精”的原则，采用CAD/CAE/CAM一体化制造技术，以设计先进，结构新颖，精度高用材好，使用寿命长，模具制造周期短等特点，为客户产品早日占领市场得到时间保障。始终以客户满意为追求，以高质的技术，优惠的价格，秉着诚实 互信 互惠 互利的经营宗旨，真诚欢迎国内外客户朋友前来交流与合作！

森思特正以崭新的姿态，竭诚欢迎国内外朋友莅临我厂。

Taizhou Huangyan Sincerity Mould And Machine Co.,Ltd. is a professional manufacturer which Produces PET preform mould, commodity mould and Semi-automatic & Automatic PET blow moulding machine in China, located in Huangyan, Taizhou, which with reputation of "Hometown of China mould". Insist the spirit of "Sincerity" principle, we have established long-term business relationship with a number of enterprises.

Sincerity uses Pro/E, UG, CQIA, MASTCAM for molds and plastic parts design, We have very strong mould design and drawing reading capacity. Also, we has strong technical force, own a professional CAD / CAM / CAE computer aided design CNC machining center, CNC engraving, CNC lathes, EDM, wire cutting mold finishing a full set of equipment, and ten years of actual experience of product design and mold manufacturing.



PREFORM MOULD

瓶坯模具

- 瓶坯腔数从一出到一出七十二。
- 瓶坯采用电脑模拟拉伸测试设计，提高吹瓶的成品率。
- 采用世界先进的二级双锥度定位技术，每腔独立自锁，确保模具同心度。
- 模具注腔、注芯选用原厂预热处理的优质专用模具钢制造。
- 螺纹口按国际标准制造，材料选用氮化钢，硬度高，使用寿命长。
- 热流道设计先进，加热温度均匀，可提高塑料制品质量。
- 针阀式免剪浇口，降低AA值。
- 模具寿命保证在200万模次以上。



- Preform injection mould from 1cavity up to 72 cavities narrow neck.
- Tube blank is designed with the help of computer, which surely contributes to the increasing of yield of bottle.
- Employs internationally advanced two-step dual taper locating technology. Each cavity self-locks independently to ensure low decentration of product.
- Core and cavity are made of special mould steel after preheating treatment in the original factory. individual temperature control of all cavities.
- Lip cavity is made of nitrated steel, which is of high hardness and long service life, in accordance with interational Standard.
- The excellent hot runner design assures uniform heating and greatly improves the quality of plastic product.
- No cutting of gate is employed to reduce the labor intensity; Standard inter-changeable mould components.
- The life of mould is more than 2 million times. The molds is designed to service for at least 2 million shots.
- Spare parts & patrs record available for future reference & spare can be manufactured anytime in the future.

PREFORM MOULD

瓶坯模具

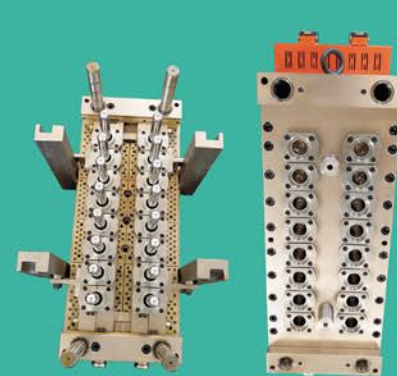


48腔气动针阀式热流道瓶坯模具
48cavities pin-valve preform mould

6腔气动针阀式热流道瓶坯模具
6cavities pin-valve preform mould



72腔气动针阀式热流道瓶坯模具
72cavities pin-valve preform mould



16腔气动针阀式热流道瓶坯模具
16cavities pin-valve preform mould



24腔气动针阀式热流道瓶坯模具
24cavities pin-valve preform mould

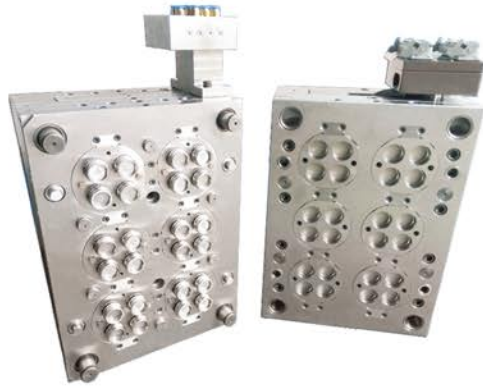


DIMENSION & WEIGHT OF MOLD

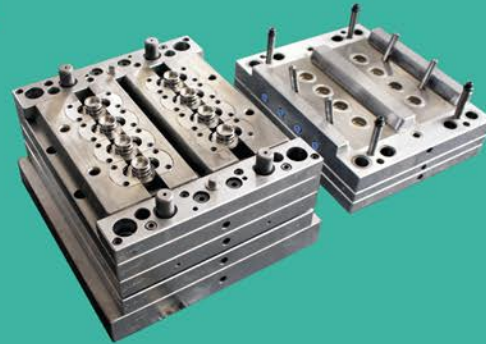
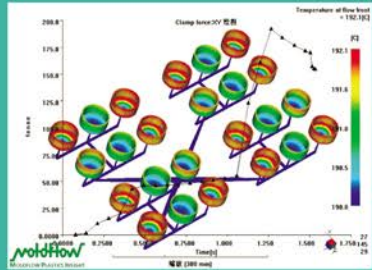
No. of Cavity	2x4(8 cav.)	2x6(12 cav.)	2x8(16 cav.)	3x8(24 cav.)	4x8(32 cav.)	4x12(48 cav.)	6x12(72 cav.)
Dimension of 17g	535x360(+110)x500(-100)	650x380x500	800x380x520	870x460x540	870x700x540	1040x680x600	1040x800x620
Weight(kg)	450	750	980	1050	2200	2900	5000
Dimension of 30g	535x360(+110)x540(-100)	650x380x540	800x380x570	870x460x570	870x700x570	1040x680x630	1040x800x650
Weight(kg)	465	780	1060	1400	2400	3100	5500
Dimension of 42g	535x360(+110)x570(-100)	650x380x570	800x380x570	870x460x590	870x700x590	1040x680x650	1040x800x700
Weight(kg)	520	850	1100	1500	2600	3200	6000

CAP MOULD

瓶盖模具



1出24热流道瓶盖模具
24-cavity cap mould with hot runner

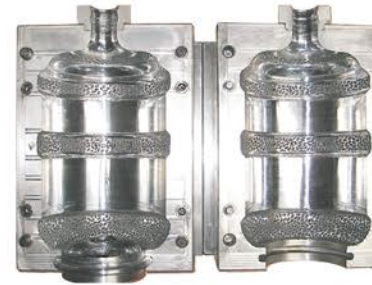


1出8冷流道瓶盖模具
8-cavity cold runner cap mould

可配合客户需求，依各式瓶口设计及制造，适合各式规格的瓶盖模具。
As clients' request, design and make various specification of cap mould according to the various bottles mouth.
我们可制造的瓶盖模具具有：矿泉水盖，饮料盖，五加仑盖，果冻瓶盖，洗发水翻盖，各种油瓶易拉盖，运动盖，化妆品盖，木糖醇翻盖及油桶盖等。
We can supply: mineral water cap mould, beverage cap mould, 5 gallon cap mould, theft proof cap mould, shampoo cap mould, different kinds of oil cap mould, sport cap mould, cosmetics cap mould. All hot & cold runner feeding systems. We always adopt the up-to-date steel & runner technology.

PET BLOW MOULD

吹瓶模具



我们为广大顾客提供各种类型的吹瓶模具，其模具形状几乎涵盖了整个的矿泉水包装市场，果汁包装市场，食品及部分非食品包装市场。

We supply any kind of blow moulds, the shape of mould nearly including the whole mineral water packing market, juice packing market, foods and some nonfood packing market.

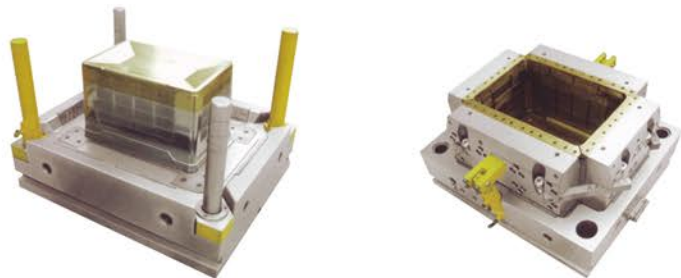
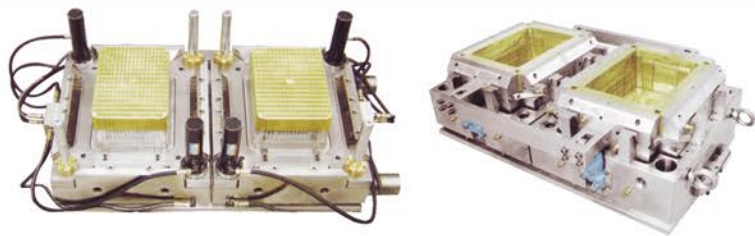
We are capable of imitating any new design in various fields of packaging, We improve the old designs to avoid the disadvantages in them.

COMMODITY PLASTIC INJECTION MOULD

日用品模具

坚守稳定的质量。从设计，制造，检测到管理，每一道工序，
每一个环节都恪守产品的表里如一

Every procedure ,every segment from designing ,manufacturing inspection
to management is controlled up to a high level of quality & process stability.



PRECISION MANUFACTURING

精密制造

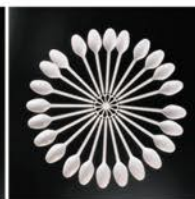
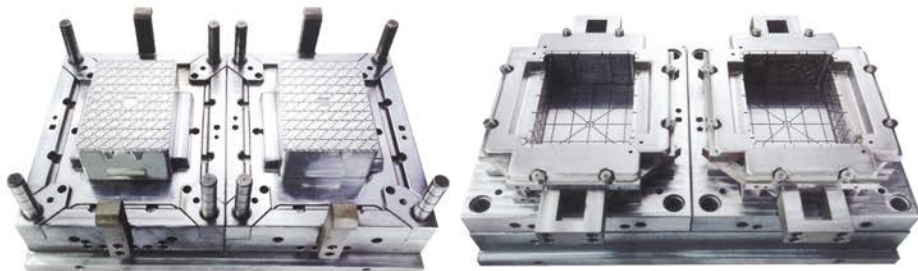


COMMODITY PLASTIC INJECTION MOULD

日用品模具

成功的设计还远远不是模具的全部,我们始终认为完善的制造系统和严谨细致的工作态度是满足客户需求的保证,我们努力致力于建筑先进的技术手段并通过独有的模具KNOW-HOW完美实现客户的设计理念和对模具的要求

Beside the successful design of the mould,we adopt perctet processing seystem as basis to satifying customers and meet their demands and transforming that into reality with the best modern technolgies





SCT系列塑料注射成型机PET专用机
SPECIAL SCT SERIES PET INJECTION MOLDING MACHINE



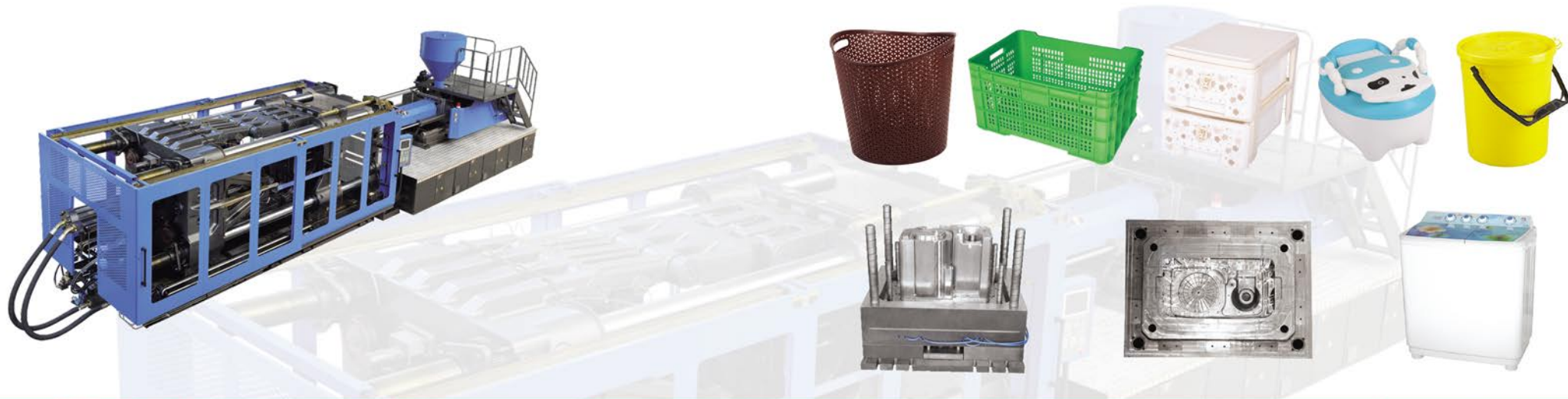
项目Item	规格Specification	SCT140PET		SCT160PET		SCT200PET		SCT260PET		SCT280PET		SCT320PET		SCT380PET		SCT450PET		SCT500PET		SCT600PET	
		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	
注射装置	INJECTION UNIT	单位Unit																			
螺杆直径	Screw diameter	mm																			
螺杆长径比	Screw L/D ratio	L/D																			
理论注射容量	Shot volume/theoretical	cm ³																			
注射重量	Injection weight(ps)	g																			
注射速度	Injection rate	g/s																			
注射压力	Injection pressure	Mpa																			
螺杆转速	Screw speed	rpm																			
合模转速	CLAMPING UNIT																				
合模力	Clamping force	KN																			
移模行程	Open stroke	mm																			
后开间距*宽	Space between ts bars*H	mm																			
最大模厚	Max.Mould height	mm																			
最小模厚	Min.Mould height	mm																			
顶出行程	Ejector stroke	mm																			
顶出力	Ejector force	KN																			
其它	Others																				
最大油泵压力	Max.pump pressure	Mpa																			
油泵马达功率	Pump motor power	KW																			
电热功率	Heating power	KW																			
机身尺寸*宽*高	Machine dimension*W*H	m																			
油箱容积	Oil tank cubage	L																			
油箱重量	Machine weight	t																			

PLASTIC INJECTION MOLDING MACHINE



规格 Specification			SCT70				SCT110				SCT140			SCT160			SCT200			SCT260			SCT280		
项目 Item			A	B	C	A	B	C	D	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	
注射装置	螺杆直径	Screw diameter	mm	22	26	30	32	35	38	42	38	42	45	42	45	50	45	50	55	50	55	60	55	60	65
	螺杆长径比	Screw L/D ratio	L/D	24	20.3	17.6	24.1	22	20.2	18.4	21.1	19	17.8	23.6	22	19.8	23.3	21	19.1	23	21	19.2	22.9	21	19.4
	理论注塑容量	Shot volume(theoretical)	cm³	38	53	71	137	163	192	235	193	235	270	305	350	432	340	420	508	510	617	735	676	805	945
	注射重量	Injection weight(ps)	g	34	48	64	125	148	175	213	176	213	246	277	319	393	310	382	462	464	561	669	616	733	860
	注射速率	Injection rate	g/s	39	55	73	74	89	105	128	94	115	132	131	150	185	125	154	186	187	227	270	204	243	285
	注射压力	Injection pressure	Mpa	317	227	170	249	208	176	144	198	162	141	194	169	137	198	161	133	205	169	142	221	186	158
	螺杆转速	Screw speed	rpm	195			210				190			180			155			180			220		
锁模装置	锁模力	Clamping force	Kn	700			1100				1400			1600			2000			2600			2800		
	移模行程	Open stroke	mm	280			350				380			435			500			540			590		
	拉杆间距(宽x高)	Space between tie bars(WxH)	mm	320x320			360x360				410x410			460x460			510x510			570x570			610x610		
	最大模厚	Max.Mould height	mm	320			380				450			520			530			580			630		
	最小模厚	Min.Mould height	mm	110			150				160			180			200			200			200		
	顶出行程	Ejector stroke	mm	80			100				120			135			150			150			150		
	顶出力	Ejector force	Kn	28			38				50			50			70			70			70		
其它	最大油泵压力	Max.Pump pressure	Mpa	16			16				16			16			16			16			16		
	油泵马达功率	Pump motor power	kw	7.5			13				13			18.5			18.5			22			30		
	电热功率	Heating power	kw	5.6			9.6				10			16.1			17.3			18.5			23.2		
	外形尺寸(长x宽x高)	Machine dimension(LxWxH)	m	3.68x1.10x1.73			4.29x1.10x1.90				4.51x1.14x1.90			5.28x1.22x2.12			5.47x1.29x2.14			5.96x1.36x2.25			6.16x1.46x2.37		
	邮箱容积	Oiltank cubage	L	150			230				270			300			300			380			385		
	机器重量	Machine weight	t	2.5			3.1				3.4			5.1			6.3			7.8			8.8		

PLASTIC INJECTION MOLDING MACHINE



规格 Specification			SCT320			SCT380			SCT450			SCT500				SCT600				SCT730				SCT1000				
项目 Item			A	B	C	A	B	C	A	B	C	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	
注塑装置	螺杆直径	Screw diameter	mm	65	70	75	70	75	80	70	75	85	75	80	85	90	90	95	100	105	90	95	105	110	100	110	120	130
	螺杆长径比	Screw L/D ratio	L/D	22.5	21.5	20	23.6	22	20.6	23.6	22	20.6	22.7	21	20	18.9	20	19	18	17.1	23.2	22	19.9	19	24.2	22	20.2	18.6
	理论注塑容量	Shot volume(theoretical)	cm³	1111	1289	1480	1500	1723	1960	1500	1723	1960	1727	1965	2218	2487	2544	2835	3140	3461	2926	3260	3983	4371	4320	5227	6220	7299
	注射重量	Injection weight(ps)	g	1013	1175	1349	1365	1567	1784	1365	1567	1784	1560	1788	2018	2266	2315	2580	2858	3149	2663	2967	3625	3977	3930	4757	5660	6643
	注射速率	Injection rate	g/s	293	340	390	335	384	437	344	395	449	386	442	499	560	552	612	679	748	598	667	813	894	580	717	867	948
	注射压力	Injection pressure	Mpa	211	182	159	188	164	144	188	164	144	181	159	140	125	177	159	143	130	195	175	143	130	212	175	147	125
	螺杆转速	Screw speed	rpm	190			150			160			130				150				115				100			
	锁模力	Clamping force	Kn	3200			3800			4500			5000				6000				7300				10000			
	移模行程	Open stroke	mm	660			720			770			820				870				970				1210			
	机模装置	拉杆间距(宽x高)	Space between tie bars(WxH)	mm	660x660			720x720			770x770			820x820				870x870				970x970				1160x1160		
最大模厚		Max.Mould height	mm	720			780			780			810				900				960				1160			
最小模厚		Min.Mould height	mm	250			250			250			330				350				400				500			
顶出行程		Ejector stroke	mm	180			180			200			240				250				280				325			
顶出力		Ejector force	Kn	70			110			110			150				150				210				245			
其它	最大油泵压力	Max.Pump pressure	Mpa	16			16			16			16				16				16				16			
	油泵马达功率	Pump motor power	kw	37			37			45			55				30+37				37+37				37+55			
	电热功率	Heating power	kw	29.6			33.2			33.2			38.6				51.55				61.7				78.3			
	外形尺寸(长x宽x高)	Machine dimension(LxWxH)	m	7.21x1.73x2.24			7.54x1.77x2.27			7.98x1.84x2.30			8.71x1.93x2.82				9.8x2.14x2.71				11.2x2.35x2.90				12.54x2.69x3.01			
	邮箱容积	Oiltank cubage	L	620			700			720			900				1100				1200				1700			
机器重量	Machine weight	t	12.5			15.4			16			18				25				32				51				

SEMI-AUTOMATIC BLOW MOLDING MACHINES



SCT-6L



SCT-JAR6L



SCT-10L



SCT-JAR10L



SCT-25L

General Information		SCT-6L	SCT-JAR6L	SCT-10L	SCT-JAR 10L	SCT-25L
锁模力	Clamping Force	20T	20T	35T	35T	30T
最大开模行程	Clamping Stroke	230mm	230mm	260mm	260mm	330mm
最大拉伸行程	Max. Stretching Stroke	380mm	380mm	460mm	460mm	520mm
模具腔数	Bumber of Cavities	1 or 2 Cavity	1 or 2 Cavity	1 or 2 Cavity	1 or 2 Cavity	1 Cavity
理论产量	Theoretical Output	0.1-2.5L 900BPH; 3-6L 380BPH	0.1-2.5L 700BPH; 3-6L 350BPH	3-6L 380BPH	3-6L 380BPH	90BPH
最大模具厚度	Max. Mould Thickness	300mm	300mm	350mm	350mm	380mm
模板最大尺寸	Space Between Tie Bars	365x430mm	365x430mm	470x500mm	470x500mm	470x570mm
Electrical System						
电压	Voltage Standard	380V/3PH/50HZ or Special Order	380V/3PH/50HZ or Special Order	380V/3PH/50HZ or Special Order	380V/3PH/50HZ or Special Order	380V/3PH/50HZ or Special Order
加热段数	Number of Heating Zone	2Sections	4Sections	4Sections	4Sections	6Sections
总功率(满负荷)	Total Power(full loaded)	11kw	17kw	20kw	20kw	44kw
Container						
最大瓶子容量	Max. Container Volume	0.1-2.5L(2Cav) 3-6L(1Cav)	0.1-2.5L(2Cav) 3-6L(1Cav)	3-6L(2Cav)7-10L (1Cav)	3-6L(2Cav)7-10L (1Cav)	25L
最大瓶子口径	Neck Diameter Range	15-60mm	50-120mm	15-60mm	50-120mm	65mm
最大瓶子直径	Max. Container Diameter	35-200mm	35-200mm	35-230mm	35-230mm	330mm
最大瓶子高度	Max. Container Height	380mm	380mm	480mm	480mm	550mm
Auxiliary System						
低压工作压力	Low Air Compressor	8-10Bar	8-10Bar	8-10Bar	8-10Bar	8-10Bar
高压吹气压力	High Air Compressor	30Bar	30Bar	30Bar	30Bar	30Bar
Dimension & Weight (LxWxH)						
吹瓶主机	Blow Molding Machine	148x61x187cm	148x61x187cm	151x74x187cm	151x74x187cm	195x77x187cm
烘箱	Preform Oven	136x59x137cm	176x56x137cm	222x56x125cm	222x56x125cm	336x67x158cm
重量	Net Weight	755KGS	800KGS	1070KGS	1085KGS	1500KGS

All specifications and designs are subject to change without notice.

FULL AUTOMATIC BLOW MOLDING MACHINES



SCT-JAR1/5L SCT-JAR2/2L

SCT-D5L SCT-AUTO25L

SCT-2500S SCT-2500B

SCT-4500S SCT-4500B

SCT-6000S SCT-6000B SCT-8000S

		Model	Unit	SCT-JAR 1/5L	SCT-JAR 2/2L	SCT-D5L	SCT-AUTO25L	SCT-2500S	SCT-2500B	SCT-4500S	SCT-4500B	SCT-6000S	SCT-6000B	SCT-8000S
主机参数 Clamping System	模具腔数	Number of cavity	cavities	1	2	2	1	2	2	4	4	6	6	6
	锁模力	Clamping force	KN	360	360	650	650	350	450	400	480	56000	650	960
	模具行程	Mold stroke	mm	200	120	260	320	90	125	90	125	90	125	90
	拉伸杆行程	Stretching stroke	mm	360	360	350	460	260	330	260	330	260	330	260
	底模行程	Bottom stroke	mm	50	50	50	50	50	50	50	50	50	50	50
	瓶子间距	Cavity pitch	mm	280	114.3	190.5	300	76.2	114.3	76.2	114.3	76.2	114.3	76.2
	胚头数	Number of holder	PCS	40	60	48	48	68	68	96	96	106	106	152
制品参数 Container	最大容量	Max.container volume	ml	5000	2000	6000	25000	700	2000	700	2000	700	2000	700
	最大瓶身高度	Max.container height	mm	360	280	350	460	260	330	260	330	260	330	260
	最大瓶身直径	Max.container diameter	mm	220	108	180	230	68	105	68	105	68	105	68
	最大瓶胚高度	Max.preform height	mm	115	120	200	240	100	140	100	140	100	140	100
	最大瓶口外径	Max.neck diameter	mm	200	90	45	65	38	38	38	38	38	38	38
/	理论产量	Theoretical output	B/H	800	1200	1500	400	2500	2000	4500	4000	7200	6000	9600
电气参数 Electrical System	加热箱数量	Heating oven qty	PCS	2x9	4x8	4x4	3x3	2x2	4x4	4x4	6x8	4x4	8x8	8x8
	灯管数量	Number of lamp	PCS	2x9	4x8	4x10	3x12	2x6	4x8	4x8	6x9	4x8	8x9	8x8
	加热配置功率	Heating power	KW	36	48	80	72	24	48	56	72	64	96	96
	电力总容量	Installed power	KW	38	50	85	75	26	50	60	80	69.5	100	100
	电压	Voltage	Voltage	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ
气源参数 Air System	工作压力	Operating pressure	mpa	0.7-0.9	0.7-0.9	0.7-0.9	0.7-0.9	0.7-0.9	0.7-0.9	0.7-0.9	0.7-0.9	0.7-0.9	0.7-0.9	0.7-0.9
	吹瓶压力	Blowing pressure	mpa	3	3	2.5-3.0	2.5-3.0	2.5-3.0	2.5-3.0	2.5-3.0	2.5-3.0	2.5-3.0	2.5-3.0	2.5-3.0
	高压耗气量	High pressure air consumption	L/min	2.4/30	2.4/30	4.8/30	4.0/30	2.4/30	2.4/30	3.6/30	4.0/30	5.0/30	5.0/30	7.2/30
冷却水参数 Chiller System	配置功率	Power	kw	30	30	60	44	30	30	45	48	60	60	75
	温度范围	Temperature	/	10-15	10-15	9-13	9-13	9-13	9-13	9-13	9-13	9-13	9-13	9-13
	压力	Pressure	mpa	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.6
外形尺寸 Machine	额定功率	Power	Hp	5	5	5	5	3	3	5	5	5	5	8
	主机尺寸	Machine dimension	m	2.5x1.8x2.0	3.6x1.8x2.0	3.5x2.1x2.2	4.0x1.8x2.2	2.5x1.5x2.0	3.0x1.5x2.0	3.9x1.5x2.2	3.6x2.2x2.2	4.0x2.1x2.2	5.8x2.1x2.2	6.0x2.1x2.2
	重量	Machine weight	kg	1800KGS	2300KGS	4100KGS	4100KGS	2000KGS	2500KGS	3500KGS	4500KGS	6000KGS	7000KGS	7500KGS

ACCESSORIES EQUIPMENT FOR BLOW MOLDING MACHINE

吹瓶机辅助设备

ACCESSORIES EQUIPMENT FOR INJECTION MOLDING MACHINE

注塑机辅助设备



高压空压机
HIGH PRESSURE AIR COMPRESSOR



高压冷干机
HIGH PRESSURE AIR DRYER



高压过滤器
HIGH PRESSURE FILTER



粉碎机
CRUSHER



上料机
AUTO-LOADER



低压空压机
LOW PRESSURE AIR COMPRESSOR



低压冷干机
LOW PRESSURE AIR DRYER



低压过滤器
LOW PRESSURE FILTER



混色机
COLOR MIXER



干燥机
HOPPER DRYER



色母混合机
COLOR DOSERS



螺杆空压机
SCREW AIR COMPRESSOR



工业冷水机
INDUSTRIAL AIR CHILLER



储气罐
AIR TANK



输送带
CONVEYOR BELT



机械手
ROBOT