

今天的质量, 明天的市场
Quality In Today, Market In Future

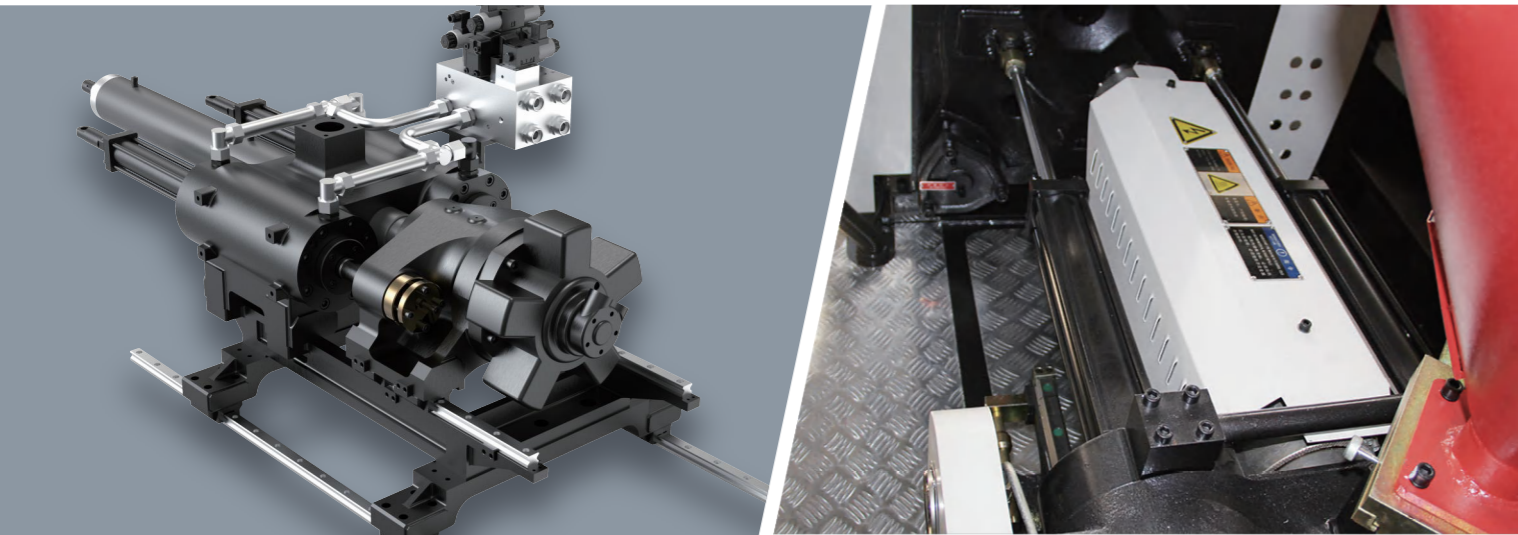
生产车间

PRODUCTION WORKSHOP



Injection system

注射装置



注射台双层直线导轨支撑，低摩擦系数，降低注射惯量，提高注射精度；

The double-layer linear guide supports, low friction co-efficient, small injection inertia and high injection accuracy

注射部件采用双缸平衡注射，双导柱支撑。丰富的专用螺杆库供客户选择以满足各种塑料材料的成型加工，并可配合多种专用注塑装置，方便了客户。采用高性能低速大扭矩液压马达直接驱动螺杆预塑。

特点

- 1.陶瓷加热圈，大功率，以PID温度控制，可精确掌握料筒温度。
- 2.有三种或四种螺杆、料筒，经优化设计，分别有氮化、镀硬铬、双金属等不同工艺制成，适合多种塑料及制品加工时的选择。
- 3.双直线导轨支撑，双缸平衡快速注射。
- 4.大扭矩液压马达预塑质量稳定，高精度电子尺位置检测，计量准确。多级注射速度和压力及多级保压压力设定，可从注射时间、位置、压力三种方式控制保压切换点，保证成型质量。
- 5.多级预塑背压和预塑速度电脑控制，螺杆预塑防流涎和自动清料。
- 6.防止冷料启动功能，确保螺杆、料筒不受损害。
- 7.双射移油缸射台拉紧机构，减少料筒与螺杆变形，延长使用寿命。

双缸注射，双座台进退

double cylinder injection, double carriage cylinder.

Injection unit use double- cylinder, double-guided barsupport. Different screws are for customer's option and are able to meet molding requirement of a variety of plastic materials. The use of high-performance and low-speed torque directly drives hydraulic motors.

FEATURES

1. With PID temperature control, precise temperature control of barrel.
2. There are three or four screws and barrels with optimal design, respectively, nitride, hard plating, dual-metal, which is suitable for different processes of a variety of plastics.
3. Double linear rail support, double-balanced rapid injection. The high-torque hydraulic motors offer a stable plasticizing capacity, high-precision electronic device position detection enable accurate measurement.
4. Multi-injection speed and pressure and multi-level holding pressure settings, switch from the injection time, position, pressure control to ensure the quality of molding.
5. Multi-level back-pressure of pre-plastic and pre-speed are computer-controlled, anti-drooling and automated autopurge.
6. Expected to prevent cold-start function to ensure that the screw, barrel will not be harmed. Stability of the injection unit.
7. Double movable hydraulic cylinders tightening structure, diminishes deformation of screw and barrel meanwhile it extends life of screw and barrel optimizes plasticizing effect.



塑化组件

Plasticized components

双金属螺杆硬度指标可达到HV850，提高耐腐蚀、耐磨损性能、使用寿命长等优点，达到最高的经济效益。Bimetal screw hardness can reach to HV850, with high performance of anti erosion and wear-resisting, ensure the long working life and efficiency



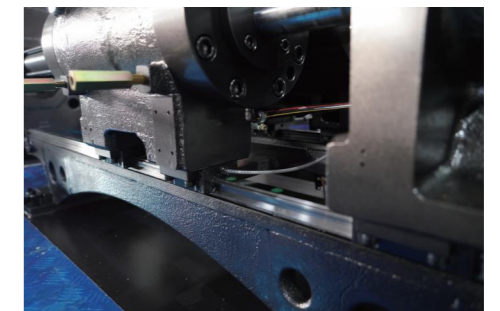
PVC专用风机

PVC specific fan

稳定可靠的风机系统可以确保PVC熔化温度的稳定，大大提高产品质量。Fan cooling device can ensure PVC material melting temperature stable, improve produce quality

射台线轨

injection unit linear guideway



电动塑化系统(选用)

Electric plasticizing system (optional)



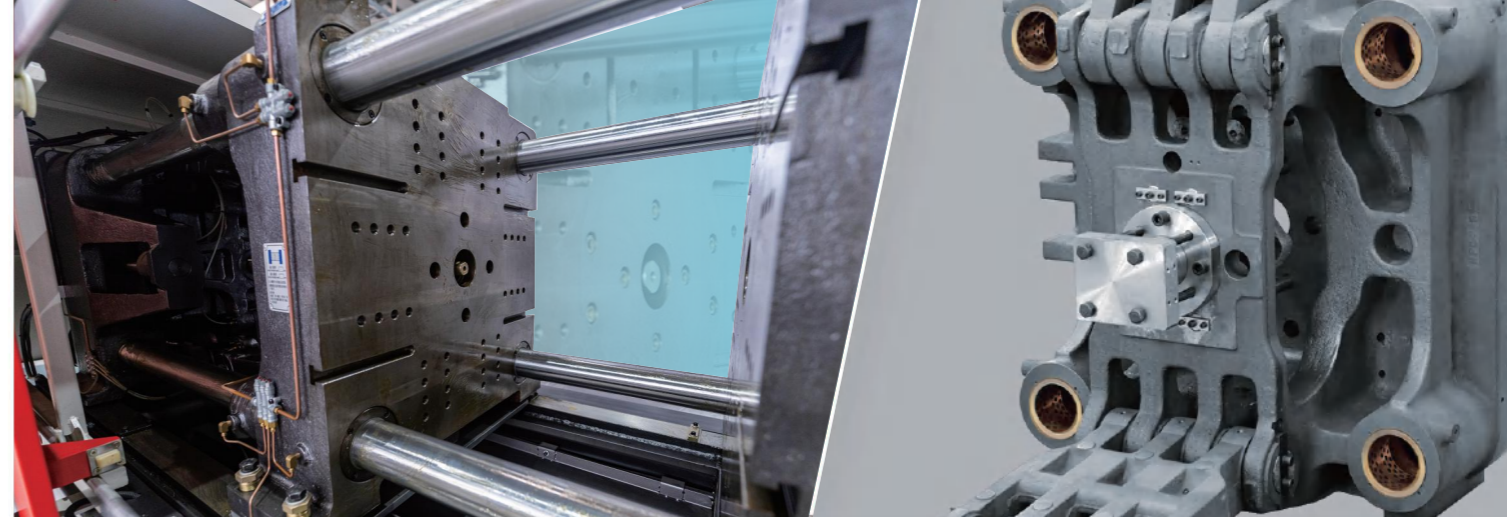
Clamping unit

锁模机构

FEATURES 特点

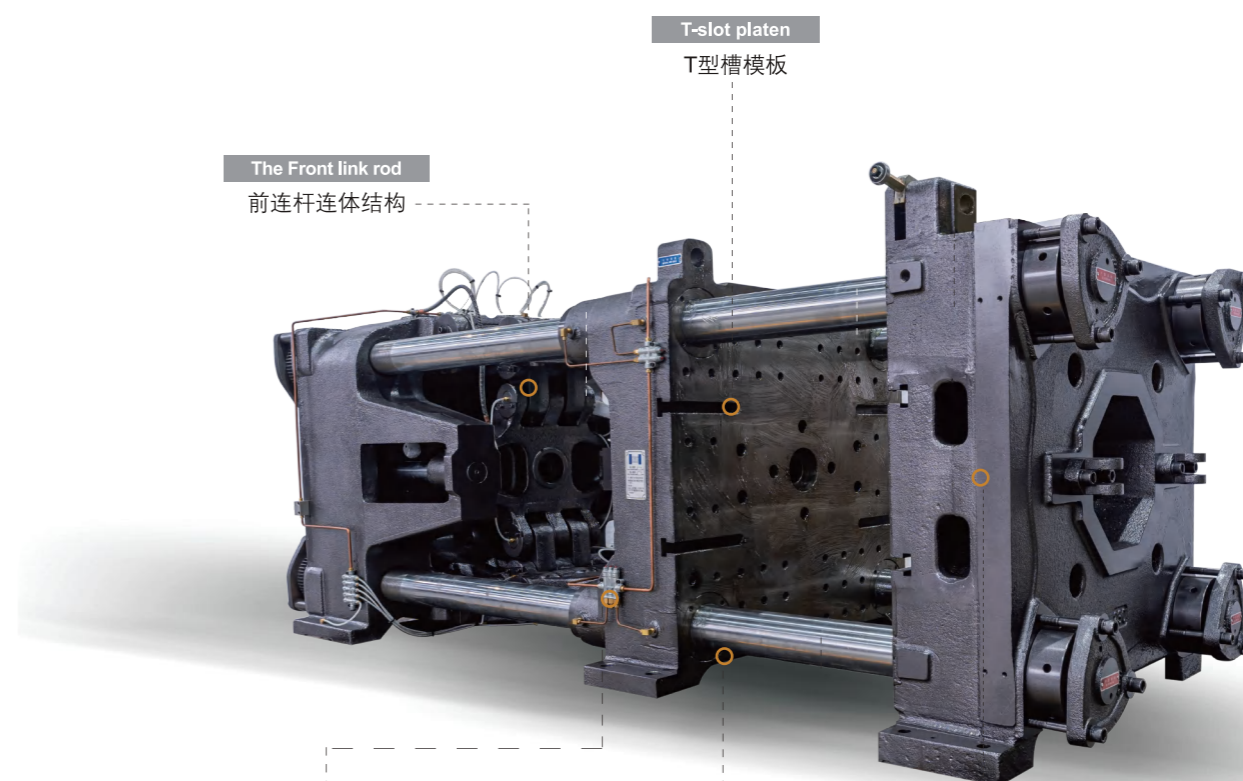
- All T slot mould plate, better for mould fixing.
- Mechanical, electrical full interlock protection.
- Low pressure mold protection device.
- Multi-stage pressure, speed and position control for mould open and close.
- A variety of hydraulic ejection mode and vibration mode.
- Strengthening moving platen wearable rail.
- Mold cooling water distributor.
- Auto volume type oil lubrication system.
- Fast-mold differential device.
- Open/close mold brakes device.
- Hydraulic oil motor drives gear mould.
- Special hardening on tie bars, reliable strength.
- Electric ruler for open/close mold and ejection injection.
- Automatic mould adjustment function.
- Adjustable moving platen sliding feet.
- Robotic pincher mechanical installation positioning interface.
- Core pulling system is suitable for the complicate structure mould.

- T型槽模板，便于模具安装。
- 机械，电器安全连锁保护。
- 低压模具保护装置。
- 多段开关模压力、速度、位置控制。
- 多种液压顶出和震动模式。
- 强化处理动模板移动耐磨轨道。
- 模具冷却水分流器。
- 容积式稀油润滑。
- 快速合模差动装置。
- 开关模刹车装置。
- 液压油马达驱动齿圈调模。
- 拉杆特殊工艺处理，强度可靠。
- 注射、开关模、顶出位置尺控制。
- 自动调模功能。
- 可调节式动模板滑脚。
- 机械手机械安装定位接口。
- 抽芯装置，适合结构复杂模具。



T 型槽模板 T-slot platen

前连杆连体结构 The Front link rod



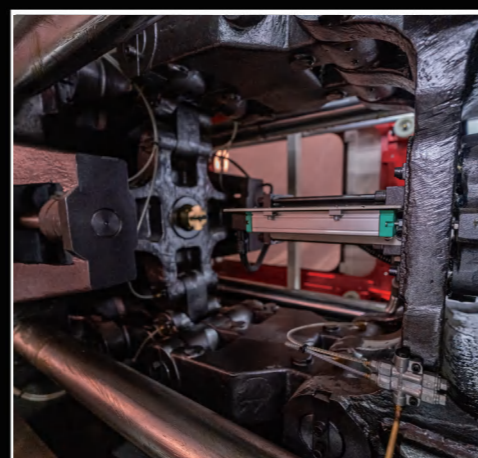
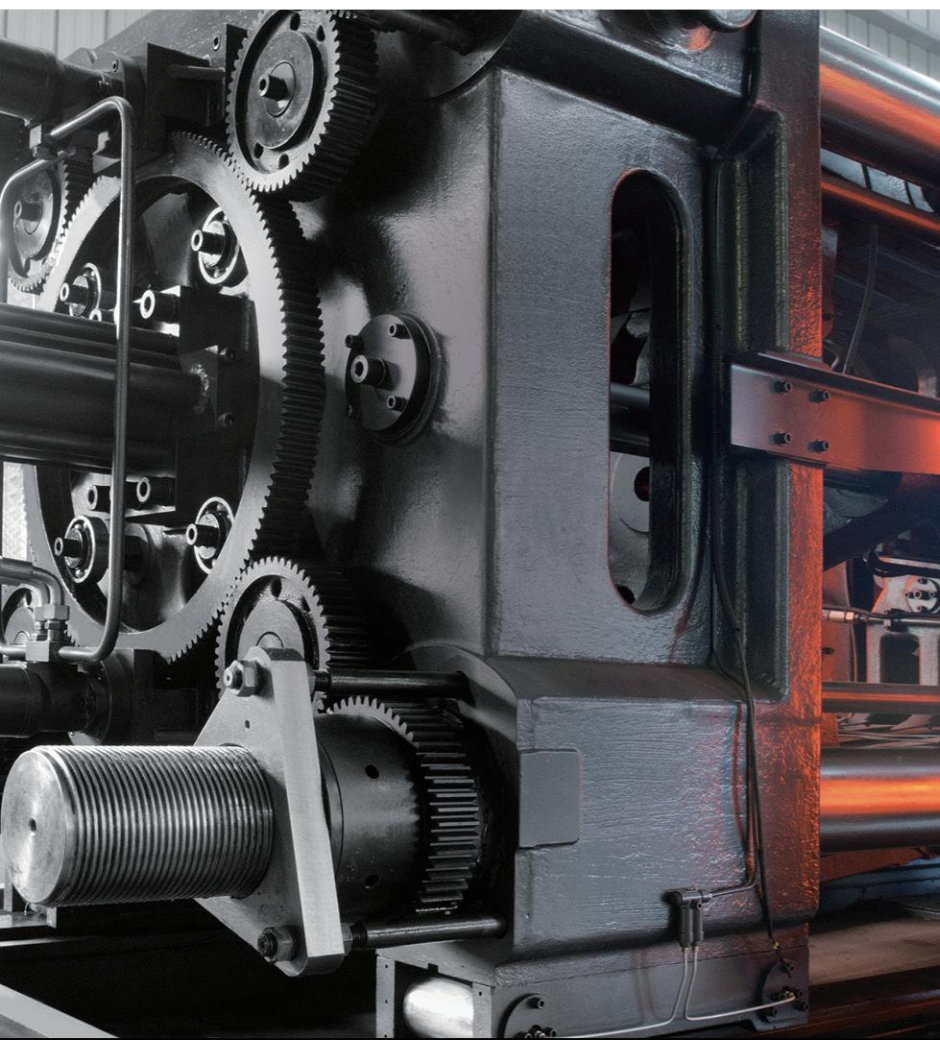
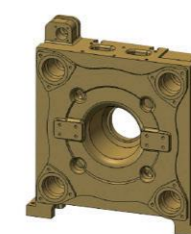
T-slot platen
T型槽模板

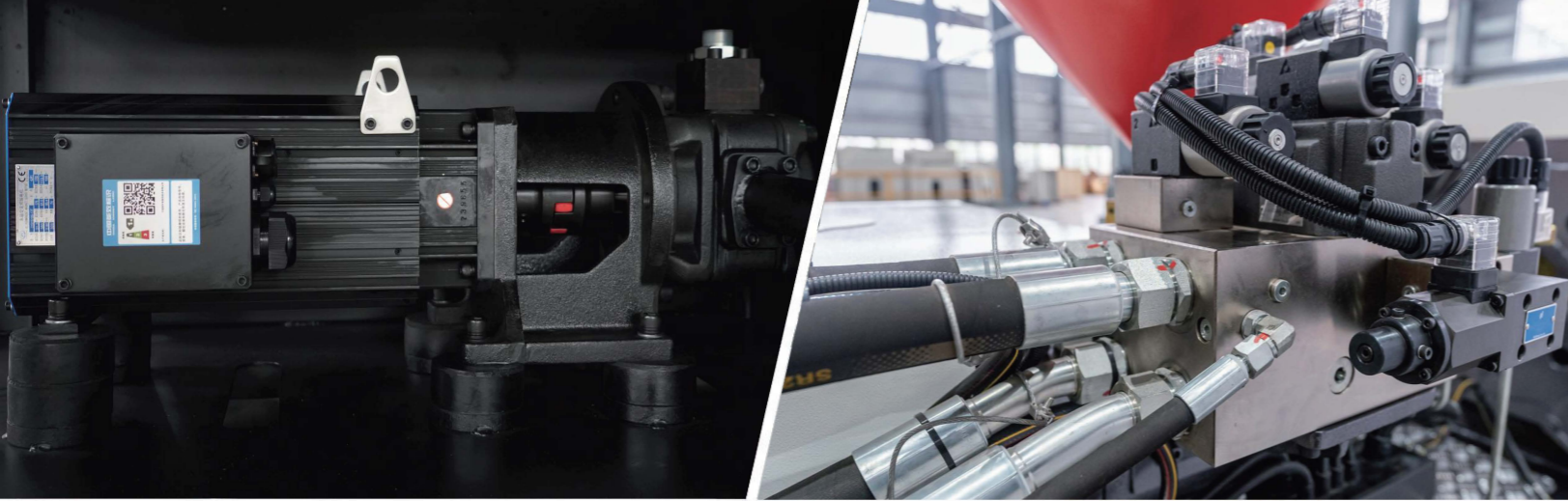
The Front link rod
前连杆连体结构

Volumetric lubrication
容积式润滑分配系统

Brass guide sleeve
优质黄铜导向套

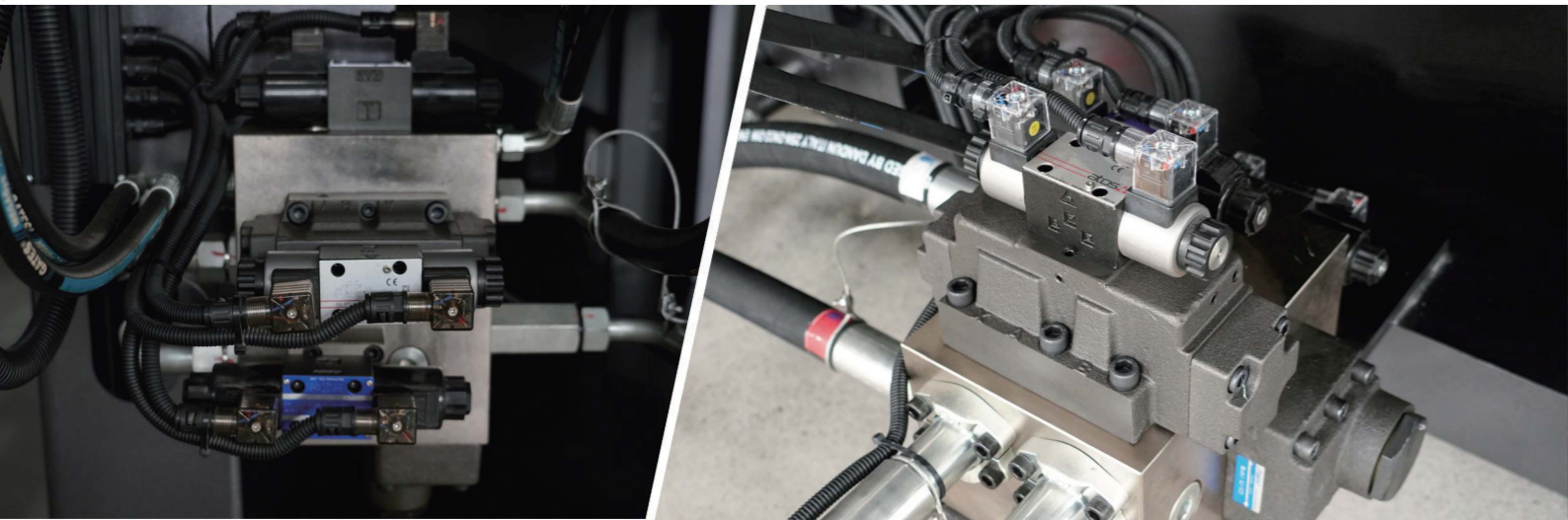
The enhanced fixed platen
增强头板





HYDRAULIC SYSTEM

液压系统



FEATURES 特点

Hydraulic unit consist of world famous brands oil pump and control valves with more outstanding performance of pressure supporting, Ensure effectively the machine accuracy, reliability, stability, and durability and low noise environmental features

- The manual plug valve hydraulic system make the machine having quick and smooth motion response.
- Double proportional valve control pressure and flow.
- Hydraulic oil cooling device.
- High-performance imported hydraulic unit with optimizing allocation .
- The fuel tank has a big opening hole so can be cleaned easily.

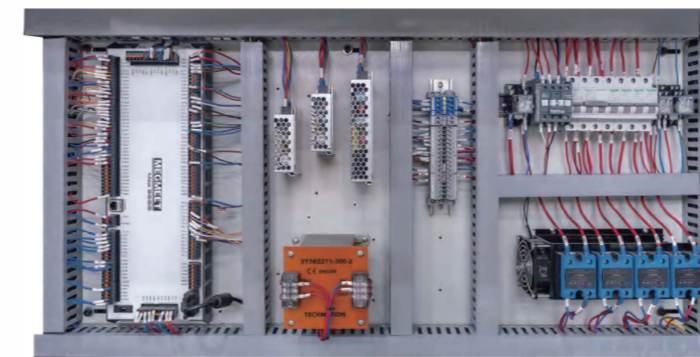
液压单元由世界著名品牌的油泵与控制阀组成，压力承受性能更卓越，有效保障了机器准确性、可靠性、稳定性和耐用性，并且具有低噪音性等环保特性。

- 采用插装阀液压系统使机器动作反应敏捷平衡。
- 压力流量双比例阀控制。
- 液压油冷却装置。
- 高性能进口液压件优化组合配置。
- 油箱开孔大，便于清洗。



SPECIAL COMPUTER CONTROLLER

电脑控制



FEATURES 特点

- Special control the computer for plastic injection machine use ,control and display relatively independent with high reliability.
- Technical parameters pre-setting and storage function.
- Parameters information protection function.
- Charging barrel temperature deviation automatic adjustment function.
- Abnormal alarm function.
- Front and back door emergency stop button.
- Real-time monitoring can display the condition of each motion.
- Electrical motor safety protection device.
- Robotic pincher interface .
- Photosensor for product drop down.
- System hardware I/O detection function.
- Charging barrel temperature is controlled accurately by computer setting and PID closed-loop manner.
- Screen protection function, prolong the life of screen using.
- Full-enclosed electrical-controlled box, electrical components are neatly arranged, never interfere with each other.

- 专用的塑机控制电脑。控制和显示相对独立，可靠性好。
- 工艺参数预设及存储功能。
- 参数资料保护功能。
- 料筒温度偏差自动校正。
- 异常报警功能。
- 前后门紧急停止按钮。
- 实时监测显示各动作的运行情况。
- 电机安全保护装置。
- 机械手接口。
- 下料光电开关。
- 系统硬件I/O检测功能。
- 通过电脑设定和PID闭环方式精确控制料筒温度。
- 屏幕保护功能，延长显示屏的使用寿命。
- 全封闭电器控制箱，电气元件排布整齐，互不干扰。





极限的节能特性 Energy-Saving Features

伺服节能注塑机：输出功率随负载变化而变化，不存在多余能量的浪费。保压阶段伺服电机降低转速，耗能极低，而且在冷却阶段电机不工作，耗电为0。根据产品不同，伺服节能注塑机相比传统注塑机可节省用电20%-80%，给您带来真正的省电享受，经济效益显著。

Servo system can collect data signals on the controller at intervals, automatic selection of the most effective mode, accurate pressure operation, flow output, and elimination of ineffective energy.

伺服系统可实时采集控制器上的数据信号，并自动选用最有效的工作模式运转精确的压力和流量输出，并消除无效能耗。

Servo energy-saving injection molding machines: there is no extra energy consumption due to output volume changes according to load alteration. In the phase of holding pressure, servo motor lowers rotate speed and consumes a little of energy. In the phase of cooling, motor doesn't work and consumes no energy. According to different products, servo energy-saving injection molding machines will save 20%-80% energy and bring you prominent economic benefit.

SERVO ENERGY SAVE PLASTIC INJECTION MOLDING MACHINE

伺服节能型塑料注射成型机

Schematic Structure
《《 结构原理图

FEATURES 特点

· SUPER ENERGY SAVING

Compared with variable pump system, it can save 40% of the power. Compared with constant flow pump and speed setter. It can save 60% of the power (the different kinds of products has different energy saving effects).

· HIGH PRECISION HIGH RESPONSE

The pressure sensor and rotary encoder with high precision and high sensitivity achieve pressure, flow closed-loop control, allows the repeat precision error to be less than 1%. When servo motor reaches big quantity, the output power just needs 0.05 seconds.

· LOW NOISE

The noise is below 78db. Servo motor has almost no noise during no operation.

· SAVE THE COOLING WATER

No constant flow pump and speed set motor overflow heating. When the temperature of hydraulic oil is lower, the cooling water is reduced greatly.

· 超强节能

比变量泵系统节能40%。比定量泵+定速电机节能60%（视产品不同节能效果也不同）。

· 高精度 高响应

高精度、高灵敏度的压力传感器和旋转编码器，实现了压力、流量闭环控制，重复精度误差小于1%。伺服电机达到最大输出功率仅需0.05秒。

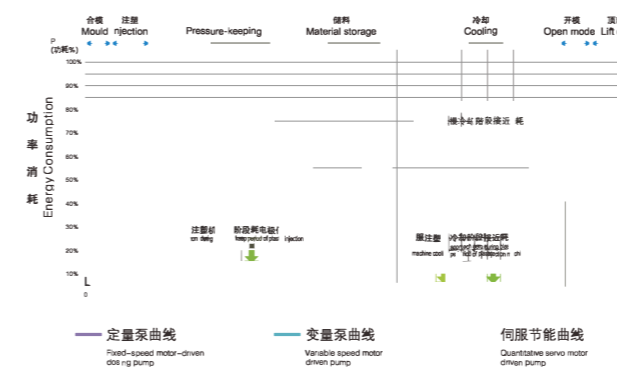
· 低噪音

噪音值在78db以内，机器无动作时，伺服电机停转几乎无噪音。

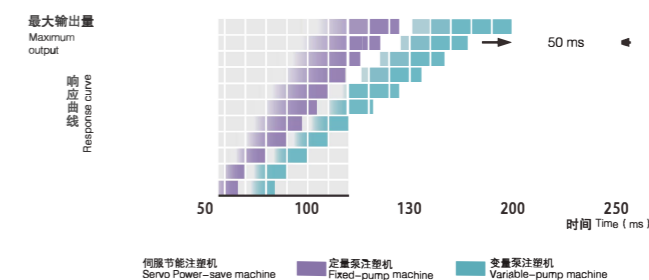
· 节省冷却水

无定量泵+定速电机系统的溢流发热。液压油温度低，大幅度减少冷却水用量。

系统消耗功率比照



响应速度图示



Specifications 规格参数

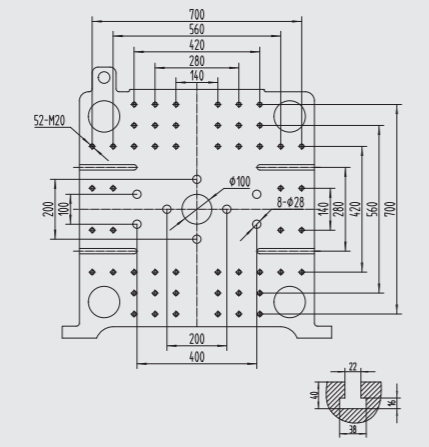
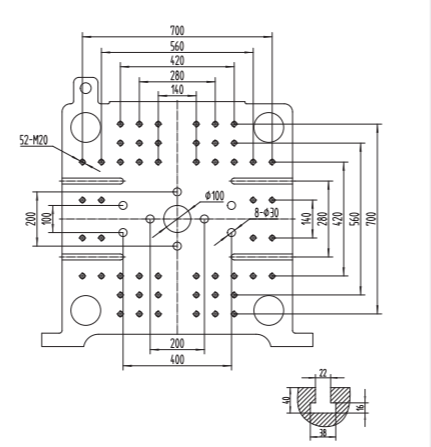
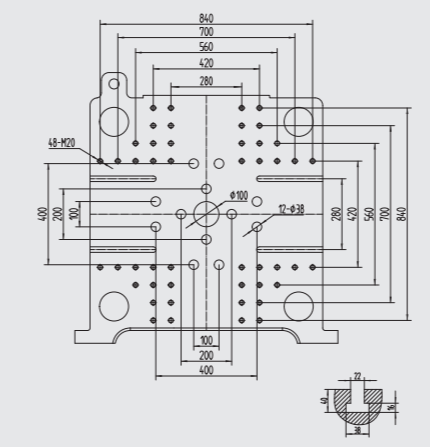
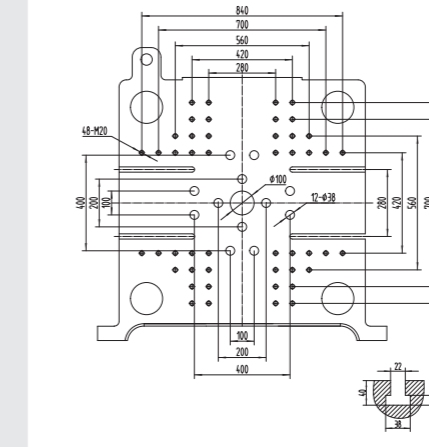
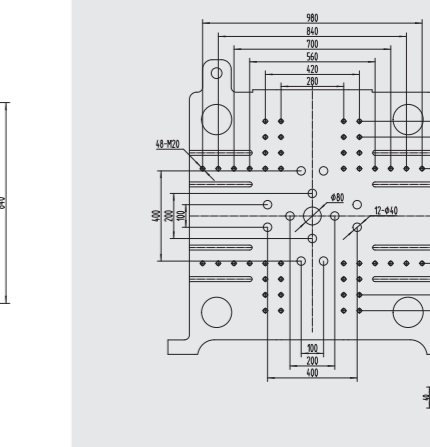
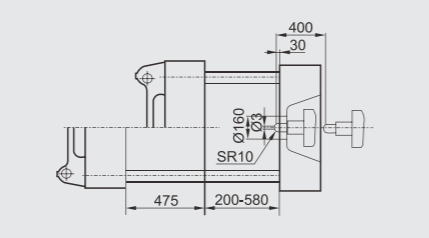
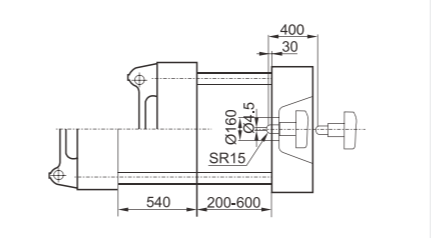
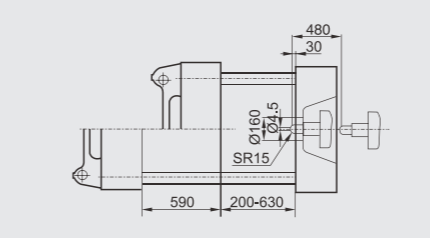
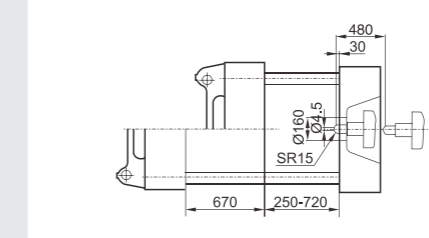
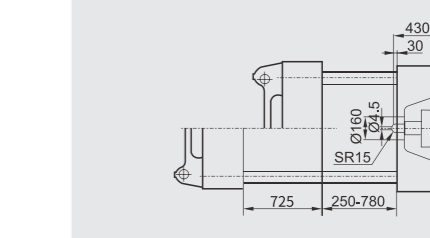
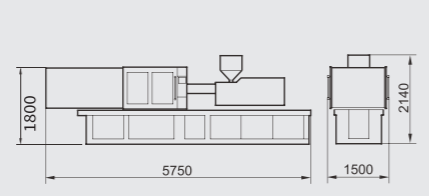

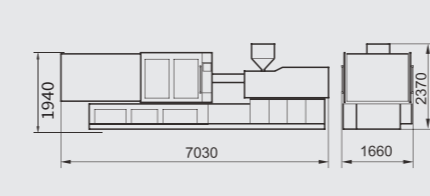
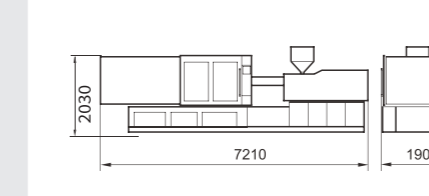
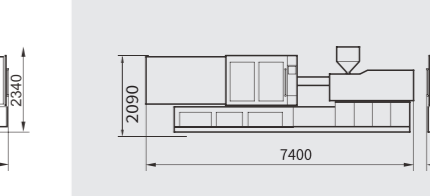
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We Reserve The Right To Make Any Product Improvement Or Specifications Change Without Prior Notice.

规格	SPECIFICATION	UNIT	JTN60S			JTN70S			JTZ110S			JTZ140S			JTZ170S		
			A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
注射装置	INJECTION UNIT																
螺杆直径	Screw diameter	mm	28	30	32	25	30	32	32	35	38	38	42	45	42	45	50
理论注射容量	Shot volume(theoretical)	cm ³	62	72	82	64	92	125	137	164	192	226	277	318	311	357	441
注射重量	Injection weight(ps)	g	57	65	74	56	80	109	125	148	175	206	252	289	283	325	402
注射速率	Injection rate	g/s	45	52	65	55	73	83	74	89	105	94	115	132	138	160	196
注射压力	Injection pressure	MPa	179	156	137	275	191	140	260	219	186	208	171	148	203	177	143
螺杆转速	Screw speed	rpm	0~220			0~224			0~201			0~221			0~209		
锁模装置	CLAMPING UNIT																
合模力	Clamping force	kN	600			700			1100			1400			1700		
移动模板行程	Moving Mould-plate stroke	mm	255			280			350			380			435		
拉杆间距(宽x高)	Space between tie bars(WxH)	mm	290x270			320x320			370x370			420x420			470x470		
最大模厚	Max.Mould height	mm	315			330			380			450			520		
最小模厚	Min.Mould height	mm	120			100			150			160			180		
液压顶出行程	Hydraulic Ejector stroke	mm	64			82			100			120			140		
液压顶出力	Hydraulic Ejector force	kN	31			31			38			50			50		
其它	OTHERS																
最大油泵压力	Max.Pump pressure	MPa	16			16			16			16			16		
油泵电机功率	Pump motor power	kW	5.5			7.5			15			15			18.7		
加热功率	Heating power	kW	4.55			6.3			7.6			9.4			12.4		
外形尺寸	Machine dimension(LxWxH)	m	3.11x0.81x1.58			3.65x1.16x1.73			4.40x1.27x1.90			4.62x1.33x1.90			5.29x1.43x2.12		
油箱容积	Oil tank cubage	L	140			150			230			270			300		
机器重量	Machine weight	t	1.5			2.5			3.4			4			5		

模板正面尺寸	Platen Dimensions					
模板侧面尺寸	Mould space dimensions					
安装图	Floor Flan Layout					

◆ (S):表示伺服机型 Servo type machine

规格	SPECIFICATION	UNIT	JTZ230S			JTZ270S			JTZ310S			JTZ360S			JTN420S		
			A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
注射装置	INJECTION UNIT																
螺杆直径	Screw diameter	mm	45	50	55	50	55	60	55	60	65	65	70	75	70	75	80
理论注射容量	Shot volume(theoretical)	cm ³	397	490	593	530	641	764	700	834	978	1112	1289	1480	1501	1723	1960
注射重量	Injection weight(ps)	g	362	446	540	482	583	694	637	759	890	1012	1175	1349	1366	1568	1784
注射速率	Injection rate	g/s	124	154	186	187	227	270	223	266	312	337	368	422	335	384	437
注射压力	Injection pressure	MPa	207	168	138	205	169	142	200	168	143	195	170	148	174	152	133
螺杆转速	Screw speed	rpm		0~212			0~194			0~200			0~169			0~156	
锁模装置	CLAMPING UNIT																
合模力	Clamping force	kN		2300			2700			3100			3600			4200	
移动模板行程	Moving Mould-plate stroke	mm		475			540			590			670			725	
拉杆间距(宽x高)	Space between tie bars(WxH)	mm		530x530			580x580			630x630			680x680			730x730	
最大模厚	Max.Mould height	mm		580			600			630			720			780	
最小模厚	Min.Mould height	mm		200			200			200			250			250	
液压顶出行程	Hydraulic Ejector stroke	mm		140			150			150			160			180	
液压顶出力	Hydraulic Ejector force	kN		70			70			70			70			79	
其它	OTHERS																
最大油泵压力	Max.Pump pressure	MPa		16			16			16			16			16	
油泵电机功率	Pump motor power	kW		23			27.8			32			36.7			50.2	
加热功率	Heating power	kW		14.8			16.9			18.3			24.6			30.7	
外形尺寸	Machine dimension(LxWxH)	m		5.75x1.50x2.14			5.97x1.60x2.25			7.03x1.66x2.37			7.21x1.90x2.34			7.40x1.90x2.35	
油箱容积	Oil tank cubage	L		300			380			580			620			700	
机器重量	Machine weight	t		7			8			9			12.5			15.4	

模板正面尺寸	Platen Dimensions					
模板侧面尺寸	Mould space dimensions					
安装图	Floor Flan Layout					

Specifications 规格参数

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规格	SPECIFICATION	UNIT	JTN460S			JTN530S			JTN660S				JTN760S				JTN900S		
			A	B	C	A	B	C	A	B	C	D	A	B	C	D	A	B	C
注射装置			INJECTION UNIT																
螺杆直径	Screw diameter	mm	70	75	80	80	85	90	90	95	100	105	90	95	105	110	95	100	105
理论注射容量	Shot volume(theoretical)	cm ³	1500	1723	1960	1965	2219	2487	2544	2834	3140	3412	2925	3259	3982	4369	3544	3927	4330
注射重量	Injection weight(ps)	g	1365	1567	1784	1788	2019	2264	2315	2579	2857	3150	2662	2966	3623	3977	3225	3574	3941
注射速率	Injection rate	g/s	344	395	449	442	499	559	552	612	679	748	610	640	785	862	637	702	780
注射压力	Injection pressure	MPa	199	173	152	168	148	132	184	165	149	135	194	174	143	130	171	155	140
螺杆转速	Screw speed	rpm	0~177			0~146			0~142				0~125				0~110		
锁模装置			CLAMPING UNIT																
合模力	Clamping force	kN	4600			5300			6600				7600				9000		
移动模板行程	Moving Mould-plate stroke	mm	740			850			905				1000				1100		
拉杆间距(宽x高)	Space between tie bars(WxH)	mm	770x770			860x810			925x875				1020x970				1120x1080		
最大模厚	Max.Mould height	mm	780			830			900				960				1100		
最小模厚	Min.Mould height	mm	250			330			330				400				500		
液压顶出行程	Hydraulic Ejector stroke	mm	200			225			295				340				335		
液压顶出力	Hydraulic Ejector force	kN	110			150			150				210				216		
其它			OTHERS																
最大油泵压力	Max.Pump pressure	MPa	16			16			16				16				16		
油泵电机功率	Pump motor power	kW	64.6			27.8+27.8			36.7+36.7				50.2+50.2				50.2+64.6		
加热功率	Heating power	kW	30.7			33.5			42.8				54.3				55.8		
外形尺寸	Machine dimension(LxWxH)	m	7.98x1.90x2.30			8.50x2.20x2.80			10.20x2.20x2.71				11.43x2.40x3.14				11.5x2.6x2.85		
油箱容积	Oil tank cubage	L	900			900			1100				1450				1800		
机器重量	Machine weight	t	16			23			28				38				50		

模板正面尺寸	Platen Dimensions	
模板侧面尺寸	Mould space dimensions	
安装图	Floor Plan Layout	

◆ (S):表示伺服机型 Servo type machine

Specifications 规格参数

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规格	SPECIFICATION	UNIT	JTN1100S				JTN1280S				JTN1400S			JTN1500S			JTN1800S			
			A	B	C	D	A	B	C	D	A	B	C	A	B	C	A	B	C	D
注射装置																				
INJECTION UNIT																				
螺杆直径	Screw diameter	mm	100	110	120	130	100	120	130	140	120	130	140	120	130	140	130	140	150	160
理论注射容量	Shot volume(theoretical)	cm ³	4712	5699	6782	7960	5702	6899	7960	9236	7121	8357	9693	7121	8257	9693	8760	10155	11660	13670
注射重量	Injection weight(ps)	g	4288	5166	6172	7244	5189	6278	7243	8405	6480	7605	8820	6480	7605	8820	7971	9240	10600	12440
注射速率	Injection rate	g/s	660	935	1112	1305	798	966	1114	1293	1222	1434	1664	944	1108	1285	987	1145	1314	1496
注射压力	Injection pressure	MPa	207	171	144	123	204	171	146	126	179	152	131	193	164	142	184	159	138	122
螺杆转速	Screw speed	rpm	0~100				0~100				0~100			0~100			0~80			
锁模装置																				
CLAMPING UNIT																				
合模力	Clamping force	kN	11000				12800				14000			15000			18000			
移动模板行程	Moving Mould-plate stroke	mm	1250				1420				1350			1500			1600			
拉杆间距(宽X高)	Space between tie bars(WxH)	mm	1170x1170				1280x1280				1360x1300			1480x1360			1580x1480			
最大模厚	Max.Mould height	mm	1220				1350				1400			1500			1600			
最小模厚	Min.Mould height	mm	500				600				600			700			650			
液压顶出行程	Hydraulic Ejector stroke	mm	325				325				360			375			400			
液压顶出力	Hydraulic Ejector force	kN	245				245				260			282			407			
其它																				
OTHERS																				
最大油泵压力	Max.Pump pressure	MPa	16				16				16			16			16			
油泵电机功率	Pump motor power	kW	64.6+64.6				36.7+36.7+64.6				50.2+50.2+50.2			50.2+50.2+50.2			50.2+50.2+64.6			
加热功率	Heating power	kW	73				74.3				87			101.1			106.7			
外形尺寸	Machine dimension(LxWxH)	m	11.7x2.8x3.0				13.1x2.9x3.1				14.1x3.1x3.1			14.1x3.2x3.5			16.3x3.6x3.5			
油箱容积	Oil tank cubage	L	2000				2000				2000			2000			2400			
机器重量	Machine weight	t	55				60				80			90			120			

模板正面尺寸	Platen Dimensions	
模板侧面尺寸	Mould space dimensions	
安装图	Floor Plan Layout	

◆ (S):表示伺服机型 Servo type machine



JTZ-HS SERIES

Double color injection machine



混双色注塑机

FEATURES 特点

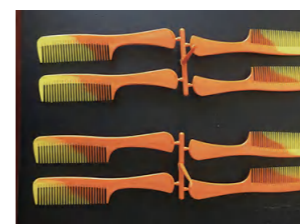
Mix double color injection machine is newly designed for producing double color product such as tooth brush, comb, shoe upper etc. This machine adopt double servo motor system, two injection can work separately and same time. Special controller is equipped on this machine to provide different injection function as per different product.

混双色注塑机是我公司最新研发的生产混合双色产品注塑机，可以用于生产双色牙刷，梳子，鞋面带等日用双色产品。该机采用双伺服节能系统，主副螺杆可实现交替或同时注射功能；配备双色机专用控制电脑，针对不同产品提供多种注射功能。

规格参数 Specifications

规格	SPECIFICATION	UNIT	JTZ-140HS		JTZ-170HS		JTZ-230HS	
			I	II	I	II	I	II
注射装置								
螺杆直径	Screw diameter	mm	42	35	45	42	50	42
理论注射容积	Theoretical shot volume	cm ³	227	163	357	277	490	277
理论注射重量	Injection weight (PS)	g	252	148	325	252	446	252
注射速率	Injection rate	g/s	115	89	160	115	154	115
注射压力	Injection pressure	MPa	171	219	177	171	168	171
螺杆转速	Screw speed	rpm	0~221		0~209		0~212	
锁模部分								
合模力	Clamping force	kN	1400		1700		2300	
移动模板行程	Moving mould-plate stroke	mm	380		435		475	
拉杆间距(宽x高)	Space between die bar(W×H)	mm	420×420		470×470		530×530	
最大模厚	Max. Mould height	mm	450		520		580	
最小模厚	Min. mould height	mm	160		180		200	
液压顶出行程	Hydraulic Ejector stroke	mm	120		140		140	
液压顶出力	Hydraulic Ejector force	kN	50		50		70	
其它								
油泵压力	Max. pump pressure	MPa	16		16		16	
油泵电机	Pump motor Power	kW	15+15		15+18.7		15+23	
加热功率	Heating power	kW	17		21.8		24.2	
外形尺寸	Machine dimension(LxWxH)	m	4.62×1.83×1.90		5.29×2.03×2.12		5.75×2.10×2.14	
油箱容积	Oiltank cubage	L	270		300		300	
机器重量	Machine weight	t	4.5		6		8	

◆ (S):表示伺服机型 Servo type machine





JTZ SERIES

Standard PET Preform injection machine



JTZ系列标准PET瓶胚注塑机

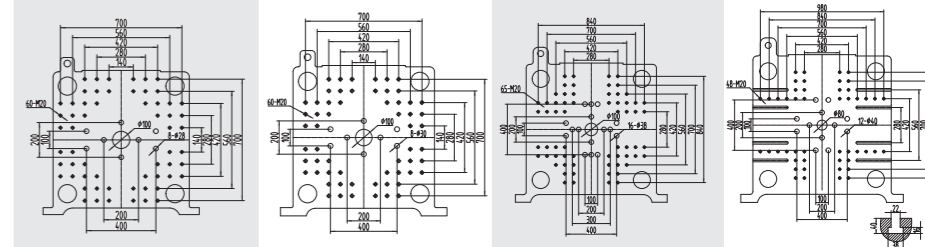
FEATURES 特点

- Adopt special design for PET material, long L/D to increase the efficiency of charging and shot weight.
- Increased ejector force and stroke to improve the ejecting speed.
- servo energy saving system could be chosen for machine, electricity consumption will be reduced 30% to 50%.
- we can provide full set equipment for PET bottle such as injection machine, blow moulding machine, mould and other accessories.
- 采用PET专用螺杆, 显著提高熔胶速度和注射量, 保证塑化质量。
- 加大顶出力设计, 瓶胚模具顶出速度更快, 更平稳。
- 可选用节能型伺服控制系统, 比常规电机节能30%-50%。
- 可提供全套PET瓶生产工艺及设备, 包括注塑机、吹瓶机、模具以及其他相关辅助设备。

规格参数 Specifications

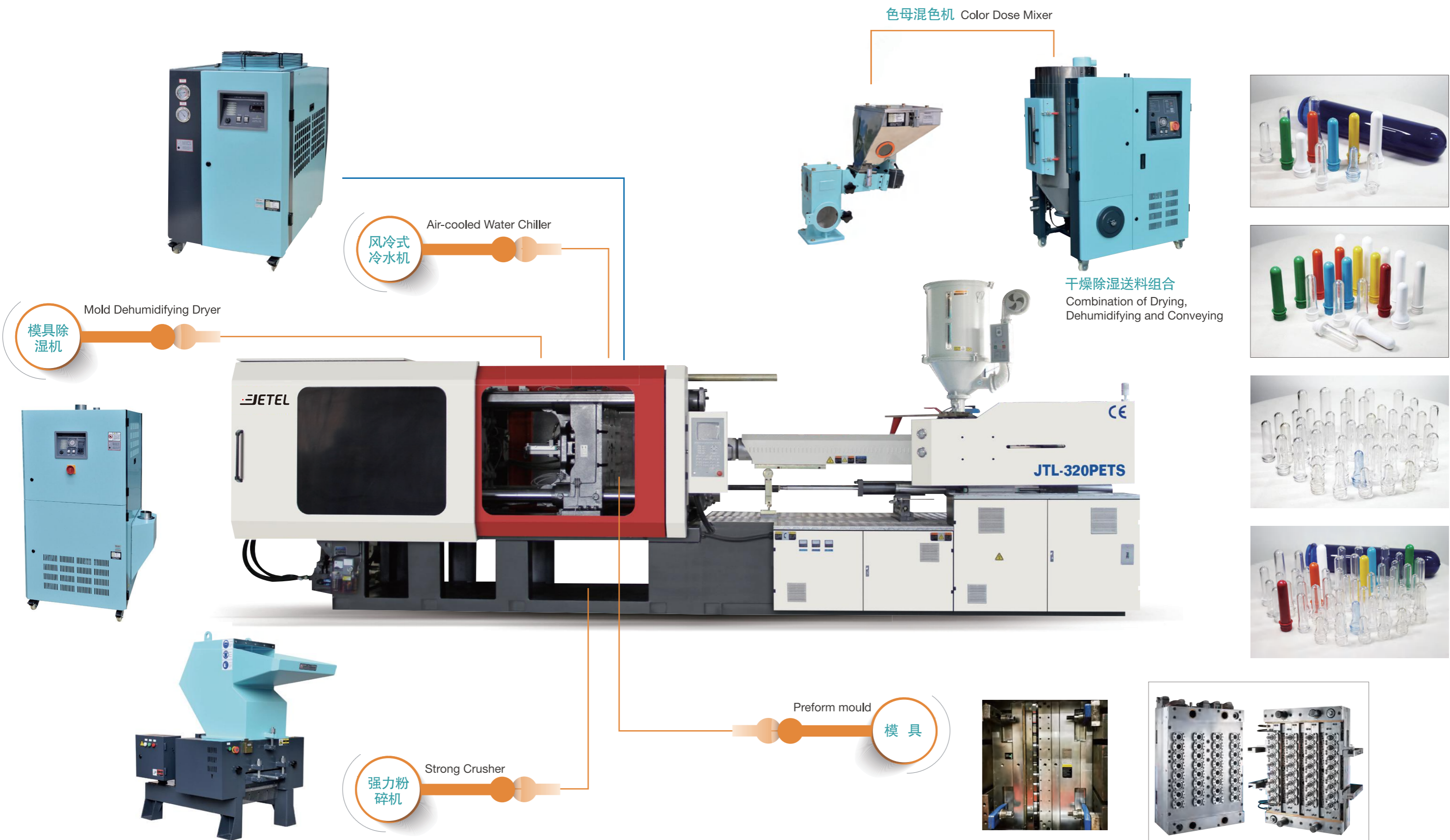
规格	SPECIFICATION	UNIT	JTZ230PETS	JTZ270PETS	JTZ360PETS	JTZ410PETS
注射装置	INJECTION UNIT					
螺杆直径	Screw diameter	mm	65	75	80	90
长径比 L/D			25	25	25	25
理论注射容量	Shot volume(theoretical)	cm ³	928	1324	1859	2607
注射重量	Injection weight(ps)	g	1020	1456	2045	2868
注射速率	Injection rate	g/s	463	545	705	775
注射压力	Injection pressure	MPa	109	107	128	120
螺杆转速	Screw speed	rpm	0~132	0~137	0~137	0~106
锁模装置	CLAMPING UNIT					
合模力	Clamping force	kN	2300	2700	3600	4100
移动模板行程	Moving Mould-plate stroke	mm	475	540	670	705
拉杆间距(宽x高)	Space between tie bars	mm	530x530	580x580	680x680	720x720
最大模厚	Max.Mould height	mm	580	600	720	820
最小模厚	Min.Mould height	mm	200	200	250	250
液压顶出行程	Hydraulic Ejector stroke	mm	140	150	165	180
液压顶出力	Hydraulic Ejector force	kN	90	110	150	150
其它	OTHERS					
最大油泵压力	Max.Pump pressure	MPa	16	16	16	16
油泵电机功率	Pump motor power	kW	30	36.7	50.2	64.6
加热功率	Heating power	kW	22.3	30.7	36.7	43.9
外形尺寸	Machine dimension(LxWxH)	m	6.3x1.50x1.96	6.73x1.60x2.25	7.6x1.88x2.34	8.4x1.90x2.4
油箱容积	Oiltank cubage	L	450	500	600	700
机器重量	Machine weight	t	7	8.5	13.5	17

模板正面尺寸 Platen Dimensions

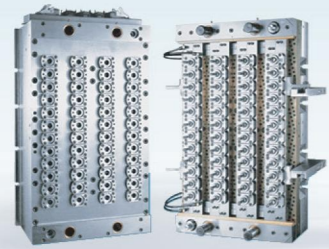
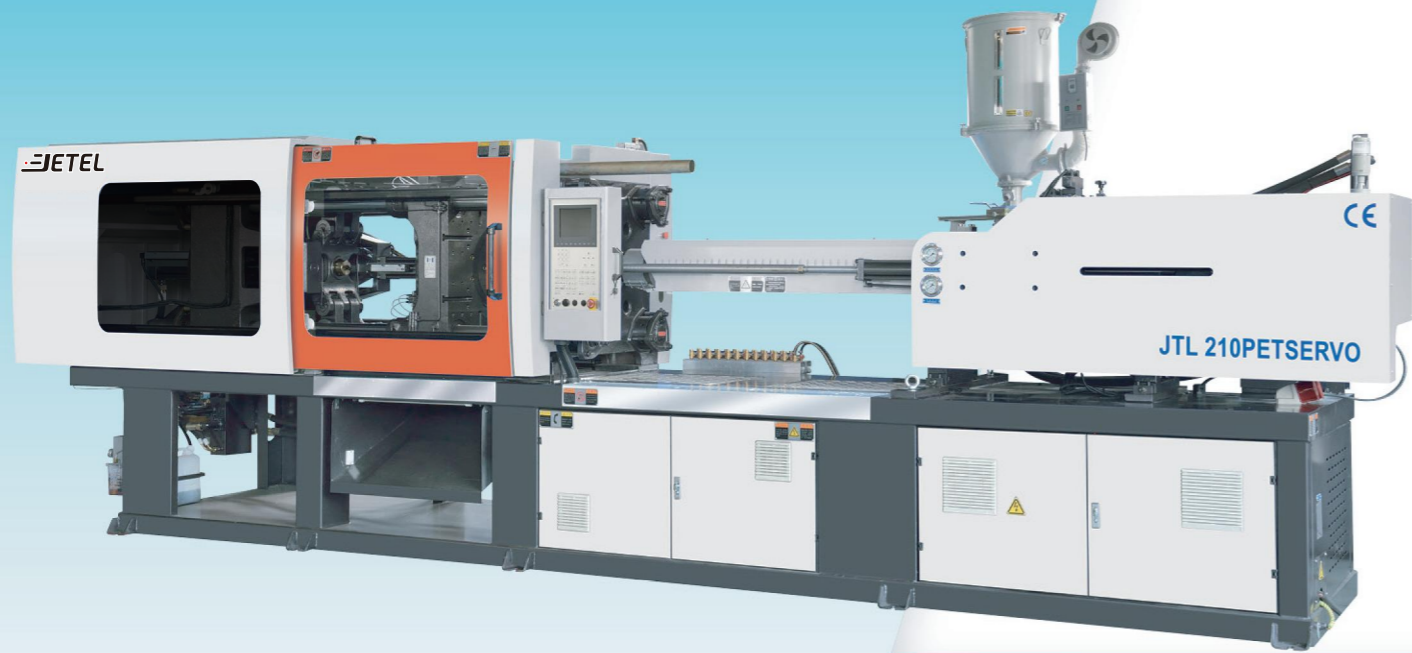


◆ (S):表示伺服机型 Servo type machine

PET 瓶胚成套生产线 Schematic Diagram For PET Preform Plant



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Preform Mould

PET SERIES

Large Shot Weight Pet Preform Injection Machine



大注射量中速PET 专用注塑机



FEATURES 特点

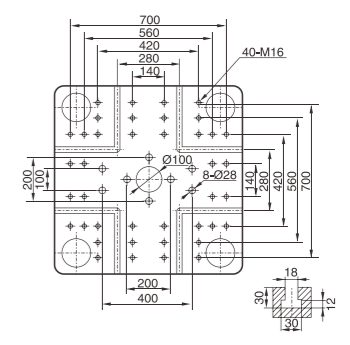
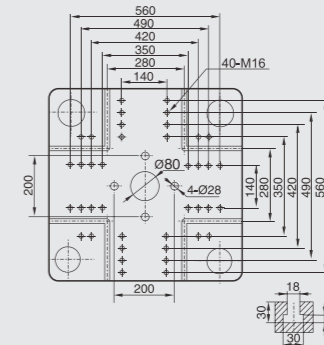
- Small clamping unit with large shot weight, suitable for different
- Equip with low speed and high torque hydraulic motor which is good for charging material stably and fast.
- Big diameter screw and barrel, special design for PET material.
- Increased ejector force and stroke to improve the ejecting speed.
- Equip with special cooling water distributor and compressed air valve for easy operation.
- Max mould height is big for different type preform mould.
- Platen hole could be drilled specially according to preform mould, cancel clamp plate for fixing mould.
- Equipped with socket for preform conveyor.
- 小模板、大注射量，适合绝大多数PET瓶胚模具设计要求。
- 低速高扭矩马达，预塑平稳，保证塑化效率。
- 大长径比PET专用螺杆，保证塑化质量。
- 加大顶出力设计，瓶胚模具顶出速度更快，更平稳。
- PET模具专用冷却水分配器和压缩空气开关控制，方便操作。
- 大容模量设计，适合多种规格模具。
- 模板孔可定制，用螺丝直锁模具，取消模具压板。
- 活动式落料斗，预留接口，可加装瓶胚输送机。

规格参数 Specifications

规格	SPECIFICATION UNIT	JTL170PETS	JTL210PETS	
注射装置				
INJECTION UNIT				
螺杆直径	Screw diameter	mm	65	70
长径比 L/D	Screw diameter		25	25
理论注射容量	Shot volume(theoretical)	cm ³	895	1038
注射重量	Injection weight(ps)	g	961	1143
注射速率	Injection rate	g/s	384	465
注射压力	Injection pressure	MPa	130	130
螺杆转速	Screw speed	rpm	135	125
锁模装置				
CLAMPING UNIT				
合模力	Clamping force	kN	1700	2100
移动模板行程	Moving plate stroke	mm	435	475
最大模厚	Max.Mould height	mm	560	580
最小模厚	Min.Mould height	mm	180	200
拉杆间距(宽x高)	Tie bars space (WxH)	mm	470x470	530x530
液压顶出力	Ejector force	kN	70	90
液压顶出行程	Ejector stroke	mm	140	140
顶出点数	Ejector number	n	5	7
其它				
OTHERS				
最大油泵压力	Max.Pump pressure	MPa	16	16
油泵电机功率	Pump motor power	kW	27.8	36.7
加热功率	Heating power	kW	22.3	22.7
外形尺寸	(LxWxH) size	M	6x1.43x1.82	6.3x1.5x1.86
油箱容积	Oil tank cubage	L	570	590
机器重量	Machine weight	t	6	7.5

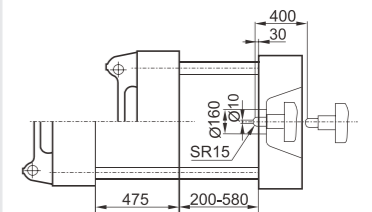
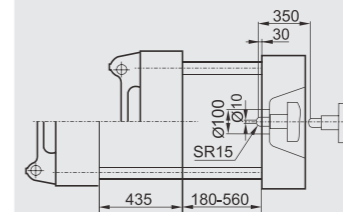
模板正面尺寸

Platen Dimensions



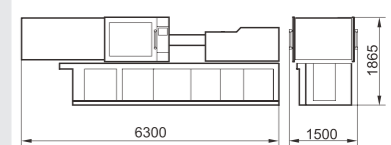
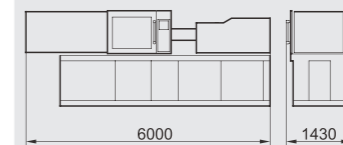
模板侧面尺寸

Mould space dimensions



安装图

Floor Plan Layout



◆ (S):表示伺服机型 Servo type machine

Specifications 规格参数

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规格	Specification	UNIT	JTL270PETS	JTL320PETS	JTL410PETS	JTL460PETS	JTL650PETS
注射装置	INJECTION UNIT						
螺杆直径	Screw diameter	mm	75	80	90	100	110
长径比 L/D	Screw diameter		25	25	25	24	24
理论注射容量	Shot volume(theoretical)	cm ³	1479	1959	2480	3060	4274
注射重量	Injection weight(ps)	g	1579	2115	2678	3304	4701
注射速率	Injection rate	g/s	400	528	661	734	1015
注射压力	Injection pressure	MPa	150	165	138	130	125
螺杆转速	Screw speed	rpm	138	160	130	100	110
锁模装置	CLAMPING UNIT						
合模力	Clamping force	kN	2700	3200	4100	4600	6500
移动模板行程	Moving plate stroke	mm	540	660	705	740	870
最大模厚	Max.Mould height	mm	600	720	780	780	900
最小模厚	Min.Mould height	mm	200	250	250	250	350
拉杆间距(宽x高)	Tie bars space (WxH)	mm	580x580	680x680	720x720	770x770	880x880
液压顶出力	Ejector force	kN	90	150	150	180	180
液压顶出行程	Ejector stroke	mm	150	165	180	200	250
顶出点数	Ejector number	n	9	13	13	12	17
其它	OTHERS						
最大油泵压力	Max.Pump pressure	MPa	16	16	16	16	16
油泵电机功率	Pump motor power	kW	50.2	64.6	23+36.7	23+50.2	50.2+50.2
加热功率	Heating power	kW	30.7	36.7	42.7	44.2	55
外形尺寸 (LxWxH)size	(LxWxH)size	M	7.63x1.6x2.02	7.6x1.88x2.07	8.2x1.95x2.14	9x2x2.23	10.95x2.1x2.5
油箱容积	Oiltank cubage	L	640	930	1000	1100	1350
机器重量	Machine weight	t	9	14	16	17	30

模板正面尺寸	Platen Dimensions					
模板侧面尺寸	Mould space dimensions					
安装图	Floor Flan Layout					

◆ (S):表示伺服机型 Servo type machine



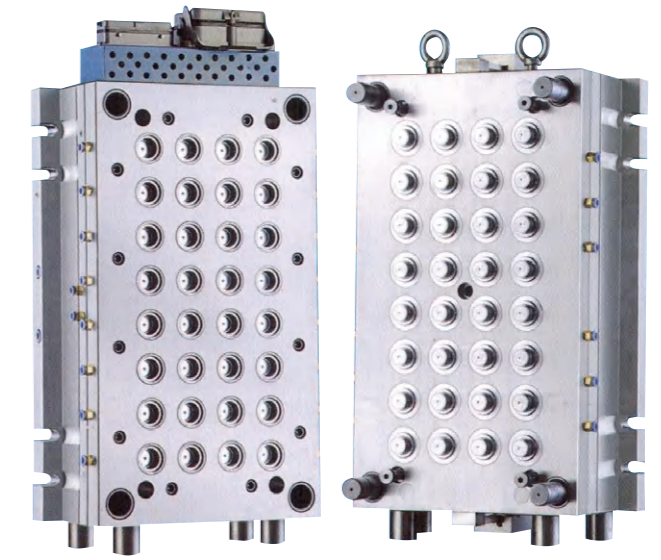
JTK SERIES

Fast speed injection machine

捷泰JTK系列 高速瓶盖专用机

FEATURES 特点

- Seriea high speed cap injection moulding machine is specially designed for producing different type plastic cap for drinking bottles. We adopt high quality servo energing saving system including servo motor, gear pump, servo driver and PLC to ensure the machine running fast and stable. Also we adopt double pump system to make open mould link with ejector at the same time. It will reduce the production cycle time. This machine will be equipped with 32 cavity cap mould, minimum cycle time can reach to 4 seconds.
- 系列高速瓶盖专用机是我公司最新研发的专门用于生产各种塑料瓶盖的高性能注塑机。采用先进的伺服节能系统，配备高性能的伺服电机和油泵，以及高响应速度的伺服驱动器和控制电脑，保证整机运行快速平稳。同时，采用双油路设计，可实现边开模边顶出，有效缩短生产周期。本机适用于腔热流道瓶盖模具，根据不同类型瓶盖，最快生产周期可达到4.5秒。



32腔瓶盖模具
32 cavity cap mould

规格参数 Specifications

规格	Item	UNIT	JTK170S	JTK230S	JTK270S	JTK310S	JTK360S
注射装置	INJECTION UNIT						
螺杆直径	Screw diameter	mm	45	50	55	60	70
理论注射容量	Shot volume	cm ³	357	490	641	834	1289
注射重量	Injection weight	g	325	446	583	759	1175
注射速率	Injection rate	g/s	270	371	440	542	368
注射压力	Injection pressure	MPa	177	169	169	168	170
螺杆转速	Screw speed	rpm	0~300	0~300	0~300	0~300	0~300
锁模装置	CLAMPING UNIT						
合模力	Clamping force	kN	1700	2300	2700	3100	3600
移动模板行程	Moving mould-plate stroke	mm	435	475	540	590	670
拉杆间距(宽x高)	Space between die bar(WxH)	mm	470x470	530x530	580x580	630x630	680x680
最大模厚	Max. Mould height	mm	520	550	580	630	720
最小模厚	Min. mould height	mm	180	200	200	200	250
液压顶出行程	Hydraulic Ejector stroke	kN	140	140	150	150	160
液压顶出力	Hydraulic Ejector force	mm	70	70	70	70	70
其它	OTHERS						
最大油泵压力	Max.Pump pressure	MPa	16	16	16	16	16
油泵电机功率	Pump motor power	kW	15+23	15+27.8	15+36.7	15+36.7	15+50.2
加热功率	Heating power	kW	12.4	16.9	16.9	18.3	24.6
外形尺寸	(LxWxH) size	M	5.35x1.60x2.25	5.68x1.60x2.25	5.90x1.60x2.25	6.27x1.66x2.37	7.21x1.90x2.34
油箱容量	Oiltank cubage	L	300	300	500	600	620
机器重量	Machine weight	t	5	7	8	9.5	12.5

◆ (S):表示伺服机型 Servo type machine

CONFIGURATION

标准配置选项

我公司可根据客户要求定制特殊用途机型

Our company could make special design machine according to customer requirement such as

PVC管接头等制品专用注塑机

大注射量PET管胚专用注塑机

水果框专用机

手机产品专用注塑机

快餐盒产品专用注塑机

塑料玩具专用注塑机

PVC fittings injection machine

PET preform injection machine

Fruit basket injection machine

Cell phone cover product injection machine

Wall thin food case injection machine

Plastic toy injection machine

我公司可配套模具和塑料辅机，承接产品成套生产线

our company could provide mould and accessories to make whole product making line for customer.

注射配置 Injection unit

- 双缸平衡注射装置
- 多级注射速度、压力设定
- 多级保压速度、压力设定
- 多级储料速度、压力设定
- 注射转保压起点控制
- 注射位置尺控制
- 螺杆冷启动（防止）功能
- 射出防护罩
- 3种模式座退选择功能
- 自动清料功能
- 高扭力油马达驱动螺杆预塑装置
- 螺杆倒索防流延装置
- 3种或4种直径螺杆、料筒
- 料筒温度PID控制
- 储料背压调节功能
- 喷嘴对中调节装置

- Balance cylinder injection unit
- Multi-stage injection speed and pressure setting
- Multi-level holding speed and pressure setting
- Multi-level refilling speed, pressure setting
- Injection switch to holding control
- Injection device control position
- Anti-cold start (prevention) of screw
- Injection cover
- 3-Mode carriage retreat mode
- Auto-purge function
- High-torque motor-driven plasticizing unit
- Decompression device
- Three or four kinds of screw diameter and barrel
- Barrel PID temperature control
- Back pressure regulation
- Nozzle regulation device

电控配置 Electronic

- 工艺参数预设
- 机械手电气接口
- 参数资料保护锁
- 彩色LCD显示屏
- 电脑内存模具记忆功能可达99组
- 实时监测显示各动作运行情况
- 异常报警功能
- 温度偏差显示及自动校正
- 电机安全保护装置
- 系统硬件I/O检测功能
- 外供预留电源插头3组
- 彩色报警灯
- 紧急停止保护装置

- Pre-set technical parameters and automatic correction
- Robot interface
- Data protection lock for parameters
- Color LCD screen
- Computer memory mold data up to 99 groups
- Real-time monitoring showed movements of the machine.
- Abnormal alarm function
- The temperature deviations
- Motor safety protection device
- System hardware I / O detection function
- Three sockets for power supply
- Color warning light
- Emergency stop protection device

锁模配置 Clamping configuration

- 5点双曲肘
- 机械，电气，液压三重安全保护（大，中型），机械液压二重安全连锁保护（小机）
- 低压模具保护装置
- 多段开关模压力、速度、位置控制
- 多种液压顶出和震动模式
- 强化处理动模板移动耐磨轨道
- 模具冷却水分流器

- 5 Point double toggle
- Mechanical, electrical, hydraulic triple chain security protection (large, medium machine); hydraulic mechanical security chain to protection (small machine)
- Low pressure mold protection device
- Multi-stage pressure, speed and position control
- A variety of hydraulic ejection mode and vibration mode
- Strengthening moving platen wearable rail

液压配置 Hydraulics

- 自动集中润滑系统（容积式定量）
- 快速合模差动装置
- 开关模刹车装置
- 液压油马达驱动齿圈调模
- 拉杆特殊工艺处理，强度可靠
- 开关模、顶出位置尺控制
- 自动调模功能
- 可调节式动模板滑脚
- 高精度吸油过滤器
- 油温偏差报警功能
- 油箱油液位置监测
- 液压油冷却装置

- Mold cooling water distributor
- Automatic centralized lubrication system (volume of quantitative)
- Fast-mold differential device
- Open/close mold brakes device
- Hydraulic oil motor drives gear model
- Special handling on tie bars, reliable strength
- Electric ruler for open/close mold and ejection
- Automatic adjustment structure
- Adjustable moving platen sliding feet
- High-precision suction filter
- Alarm for oil temperature deviations function
- Oil level monitoring function
- Cooling device for hydraulic oil