

更多高速薄壁应用方案可选

- 伺服及变量泵系统
- 闭环泵
- 同步熔胶
- 开模伺服定位
- 伺服蓄能注射
- 同步顶出
- PC专用螺杆

More applications for high speed thin-wall products injection molding machine can be chosen

- Servo motor or variable-pump
- Closed-loop pump
- Synchronous charging & mold opening
- Servo valve positioning for mold opening
- Servo valve & accumulator injection
- Synchronous ejection & mold opening
- Special screw for PC

KF系列：一次性快餐盒生产系统 KF Series: Disposable fast food box production system



- 提供全套生产周期更短、稳定性更高、经济性更好快餐盒生产系统方案。
- 从厂房规划到模具选择，从产品规划到机型选型，可提供一出二到一出四，乃至一出八的全套机器、模具设备！

- To provide a full set of production system for fast food box, with shorter production cycle, higher stability, and more economy.
- To provide options from the workshop planning to mold selection, and from product planning to machine selection. To offer complete set of machine and molds with 2,4, or even 8 cavities.

PKF系列：模内贴标生产系统 PKF Series: In Mold Labeling production system

- 配合高性能的全自动IML模内贴标机械臂系统；
- 高强度、高韧性的IML模具；
- 成熟稳定机器，令本系统具有重复精度高、贴标成品高。
- With high-performance automatic IML system;
- the mold with high strength and high toughness;
- together with mature and stable machine; the system has high repeat accuracy, and high efficiency for product labeling.



CKF系列：瓶盖专用生产系统 CKF Series: Special system for the production of bottle cap

在KF平台上为快速生产各类瓶盖升级设计的机器
The machine is an upgraded design for more rapid production of various kinds of bottle cap on KF series.



PC材料专用方案 Special applications for PC

生产各种高精密的电器、电子PC零部件，成形更好、偏差更小！
To product sorts of high precision electrical equipments and electronic parts in PC, with a better forming and less deviation



宝捷精机
PowerJet



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注塑机产品系列

标准机系列

- V系列节能型注塑机
- S系列伺服节能注塑机
- DP系列两板大型注塑机
- K系列快速注塑机
- JE系列全电动注塑机

专用机系列

- KF系列高速薄壁专用注塑机
- KE系列医疗器械高速专用注塑机
- PET系列瓶坯专用注塑机
- HPET系列高速瓶坯注塑系统
- LD系列全自动注射吹中空成型机
- IBM系列注射吹专用注塑机
- BJM系列多物料专用注塑机
- SI系列硅胶专用注塑机
- PB系列制桶专用注塑机
- FB系列果筐专用注塑机
- PVC系列管件专用注塑机
- T系列电木专用注塑机
- F系列尼龙扎带专用注塑机
- PE双壁波纹管承插口注射成型机

Injection Molding Machine Series

Standard Series

- V-series Energy-saving Injection Molding Machine
- S-series Servo Energy-saving Injection Molding Machine
- DP-series Large Two-platen Injection Molding Machine
- K-series High Speed Injection Molding Machine
- JE-series Full-electric Injection Molding Machine

Special Injection Molding Machine Series

- KF-series High Speed Injection Molding Machine for Thin-wall Products
- KF-series High Speed Injection Molding Machine for Medical Instrument
- PET-series Preform Injection Molding Machine
- HPET-series High Speed Preform Injection System
- LD-series automatic Injection & Stretch Blow Molding Machine
- IBM-series Injection & Blow Molding Machine
- BJM-series Multic Material Injection Molding Machine
- SI-series Silicone Injection Molding Machine
- PB-series Paint Bucket Injection Molding Machine
- FB-series Fruit Basket Injection Molding Machine
- PVC-series Special Injection Molding Machine for PVC/PPR Fitting
- T-series Bakelite Injection Molding Machine
- F-series Injection Molding Machine for Nylon Ribbon
- PE Special IMM for Double-wall Corrugated Pipe Sockt

宝捷案例2015年9月印



KeF Series 系列 高速薄壁专用注塑机
High Speed Injection Molding Machine for Thin-wall Products

宝捷精机
PowerJet



KF Series 高速薄壁专用注塑机

High Speed Injection Molding Machine for Thin-wall Products

1 行业新标杆

低温 产品不发脆，省电。
低压 产品不易变形，节约原料，同时保护模具和机械。
高响应快速 0.3秒内达到最佳注射速度。

Low Temperature Product not crisp, and energy-saving.
Low Pressure Product not easy to deformation, saving raw materials, and protecting the mould and machinery.
Fast Response Speed In 0.3s to achieve the best injection speed.

全新三大板锁模设计，优化应力分布，刚性更高、性能更稳定，满足机械快速运动需求。
 Brandnew 3-platen clamping design, which will optimize the stress distribution and has higher rigidity and more stable performance, meeting the demand of rapid mechanical movement.

射移双拉杆结构，定位更牢固、对中更准确。
 Injection movement structure of duplex pull rods can consolidate location and have more precise centering.

特别油路设计，大幅提高注射加速度及机械运动速度。
 Special oil-circuit design greatly improves the injected acceleration & movement.

独特单缸注射，射速更快、更稳定，满足多腔薄壁产品的需要。
 Unique single cylinder injection, faster and more stable injection rate, can meet the needs of the multi-cavity thin wall products.

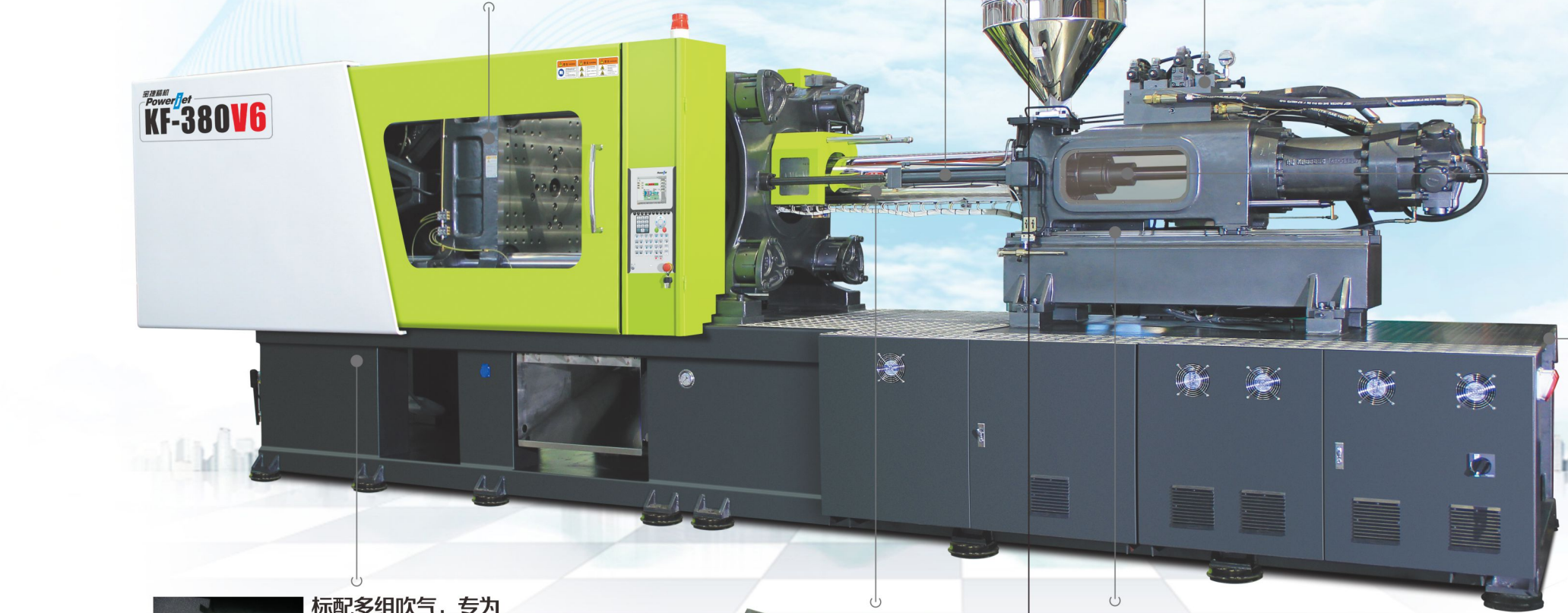
全新刚性机架、减震更明显，生产更稳定。
 New rigid frame and better shock-absorbing guarantee more stable production.

标配多组吹气，专为快速生产量身定制。
 The standard configuration of multi-sets of air blowing is designed specially for fast cycle production

标配加强发热装置。
 Standard strengthened heater is used to achieve the energy saving and environmental protection

低阻力线性导轨，定位精确，响应快速，射胶重复精度高。
 Low resistance linear guide rail, positioning precision, fast response, high repeatability.

- 创新设计塑化系统实现低温塑化：节能、环保、产品韧性高不发脆。
- 领先液压系统实现低压注射：机械保护好、模具寿命长、产品应力小、变形小。
- 优化控制系统实现高响应快速：在更短时间内达到较高射速，0.3秒内达到最佳射速！
- Innovative design of plasticizing system achieves low-temperature injection; it makes the machine energy-saving, environmental, and manufactures products with high tenacity and toughness.
- Advanced hydraulic system achieves low pressure injection; it makes the machine gain better mechanical protection, have longer mould service life, and manufactures products with low stress and deformation.
- Optimized control system achieves fast response speed; it makes the machine obtain higher shot rate in a short time and reaches the best within 0.3 seconds.

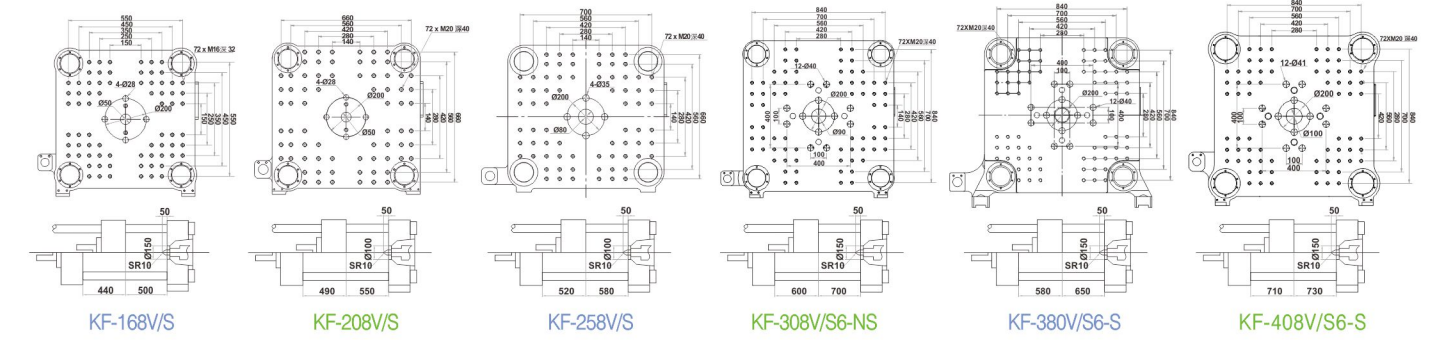


参数表 Parameter

备注：本公司根据产品提升的需要，可对技术参数、部份元件配置及服务内容进行更改，恕不另行通知。
 Remarks: According to upgrading of machine, we will change technical parameters, configuration of some parts and service's items without further notice.

说明	DESCRIPTION	单位UNIT	KF-168V/S	KF-208V/S	KF-258V/S	KF-308V/S6-NS	KF-380V/S6-S	KF-408V/S6-S
国际公认型号	International size rating		1600-340	2080-502	2500-502	3300-1266	3380-1266	4080-2061
锁模单元 CLAMPING UNIT								
锁模力	Clamping force	KN	1600	2080	2580	3080	3800	4080
开模行程	Opening stroke	mm	440	490	520	600	580	710
模板最大开距	Max.daylight	mm	940	1040	1100	1300	1230	1440
模板外形尺寸	Platen size	mm×mm	705×705	800×760	800×760	985×985	1000×1000	1050×1050
导柱内距	Space between bars	mm×mm	460×460	505×505	560×490	670×670	670×670	730×710
最大模厚	Max.mold height	mm	500	550	580	700	650	730
最小模厚	Min.mold height	mm	160	230	230	300	240	300
顶针行程	Ejector stroke	mm	140	145	145	180	180	210
顶出力	Ejector force	KN	49	65	77	77	77	110
注射单元 INJECTION UNIT								
螺杆直径	Screw diameter	mm	42	42	46	60	60	68
螺杆长径比L/D	Screw L/D ratio		22	22	22	22	22	22
注射压力	Injection pressure	Mpa	191	190	189	178	197	192
理论注射容积	Shot volume	cm ³	201	201	299	763	763	1126
实际注射量 (PS)	Shot weight(PS)	g(克) OZ(盎司)	179 6.3	179 6.3	266 9.4	681 24.0	681 24.0	1005 35.4
注射速率 (PS)	Injection rate	g/s	225	225	294	927	510	514
螺杆行程	Screw stroke	mm	145	145	180	270	270	310
螺杆转速	Screw speed	rpm	300	300	300	300	300	300
动力/电热 POWER UNIT								
液压系统压力	Hydraulic system pressure	Mpa	17.5	17.5	17.5	17.5	17.5	17.5
油泵电机功率	Pump motor power	KW	22	22	30	45	55	55
加热功率	Heater power	KW	14	14	16.4	28.4	28.4	40
其他 GENERAL								
油箱容量	Oil tank capacity	L	340	420	420	680	810	1000
理论机重	Machine weight	Ton	4.6	7	7.5	10.5	13	15
外形尺寸	Machine dimensions(L×W×H) m×m×m		4.8×1.35×1.8	5.5×1.4×2.1	5.6×1.4×2.1	6.4×1.6×2.3	6.8×1.9×2.3	7.5×1.65×2.3

模板尺寸 Platen dimensions



生产实例 Production Instance

- 注塑机型号:KF-380V6 Machine model: KF-380V6
- 产品名称:1000ml方型快餐盒 Product: 1000ml rectangular food box
- 模腔数:4 Cavity: 4
- 产品壁厚:0.37mm Thickness: 0.37mm
- 产品重量:17g Weight: 17g
- 材料:PP Material: PP
- 生产周期:5.5s, 含机械手5.5s Production cycle time: 5.5s, include robot 5.5s

