

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系列全自动注塑机

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系列全自动注拉吹中空成型机
- IBM系列注吹专用注塑机
- 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
- KE-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 Socket



宝捷精机
PowerJet



宝捷精密机械有限公司

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宝捷策划2015年9月印

宝捷精机
PowerJet



一代
NEW GENERATION of

V6
S6

节能型注塑机

ENERGY-SAVING INJECTION-MOLDING-MACHINE



Introduction 公司简介

宝捷精密机械有限公司——注塑、吹瓶、管材等塑料机械的制造商！
POWERJET-----The professional manufacturer of Injection molding machine, & Blow molding machine, and pipe extrusion machine.

宝捷精机
PowerJet

占地十万平方米的宝捷三水基地
Powerjet Sanshui Base



宝捷南海厂区
Powerjet Nanhai Factory



宝捷精密机械有限公司成立于2000年，总部坐落于国家级科技工业园——佛山市南海科技工业园，拥有现代化厂房三万平方米，引进了日本Mitsubishi, OKUMA, 韩国DOOSAN公司的数控加工中心(CNC)等先进生产设备，是一家集研发、制造、销售、售后服务于一体的注塑、吹瓶、管材等塑料机械的制造商。

公司汇集了一大批塑机行业的专家和管理骨干，对客户需求、市场变化以及塑机技术与行业的发展有深刻的研究和认识。专业的团队成就了宝捷塑机“节能、高效、高速、精密”的几大优势，主导产品V6/S6系列节能型注塑机节电量可达25%—60%，成本效益明显。宝捷公司更关注客户的个性化需求，开发出针对PET瓶坯、PVC/PPR管件、薄壁、硅胶、电木、多物料等制品的专用机，并为客户提供整体化的解决方案。

国内在华南、华东、华中和西南、东北等设立二十多个办事处、经销点，海外在泰国、马来西亚、印尼、越南、土耳其、巴西等设立经销商，产品远销三十多个国家和地区，公司逐步地构建和布局更为完善的全球营销网络和服务体系，真正把“以客户为中心”的经营理念 and 树立长期品牌战略结合起来，全心全意为中国和海外客户提供最周到的服务。

随着占地十万平方米的宝捷三水基地的投入运营，将会更好地满足市场日益增长的需求，必将使宝捷公司与新老客户一道迈入新的台阶！

Founded in 2000, the headquarter of Powerjet Plastic Machinery Co., Ltd, locates in the state level Nanhai Industrial Park in Foshan, the third-largest city of Guangdong province, occupying an area of 30,000 square meters. Advanced equipments like CNC imported from Mitsubishi, OKUMA, DOOSAN are introduced, Powerjet is a professional manufacturer of research and development, production, sales, after-sales service of Injection molding machine, & Blow molding machine, and pipe extrusion machine.

Powerjet has a large number of experts in plastic machinery industry and management personnel with ability, who can have the profound study and understanding on the customer needs, market change, machine technology and industry development. The professional team achieves several advantages of Powerjet plastic machinery "energy-saving, high performance, high speed, precision". The leading products of V6/S6 plastic injection molding machines, can save power of about 25%—60%, which are cost-benefit significantly. Powerjet also focuses on the development of special machines according to the customer's need, like machines for PET preform, PVC/PPR fitting, thin-walled product, silicone, batelite, and multi-material products, and also provide the turnkey projects for the customers.

More than 20 offices have been set up in the areas of south-China, east-China, central China, and south west China, and etc., on the basis of gradual improvement, for perfecting the construction and layout of the nationwide and international sales networks and service system. Powerjet takes "customer-centric" business philosophy and builds long-term brand strategy to offer the most attentive customer service.

Occuping an area of 100,000 square meters, the newly built-up Sansui base of Powerjet has been put into operation. It's a completely new stage for Powerjet & its customers, to better meet the growing market demand.

Service 服务

注塑成型解决方案、成本优化专家!

Professional solution In Injection molding, cost optimization expert.



家电产业
HOUSEHOLD ELECTRICAL APPLIANCE INDUSTRY



汽配产业
AUTO PARTS INDUSTRY



食品饮料包装
FOOD BEVERAGE PACKAGING INDUSTRY



日用品产业
THE PHARMACEUTICAL INDUSTRY



玩具礼品业
TOY GIFT INDUSTRY



电子通讯业
ELECTRONIC & COMMUNICATIONS



医药产业
THE PHARMACEUTICAL INDUSTRY



建筑产业
THE CONSTRUCTION INDUSTRY

庞大的营销网络覆盖全球，
贴近用户的办事处和代理点真诚为您服务!

With global sales network, our local offices and agents can provide more convenient and sincere services.

国内服务请咨询 (For domestic service, please call) : 0757-86697585;
海外服务请致电 (For international business, please call) : 86-757-86695738 or email : powerjet@126.com

您理想的工业合作伙伴

无论您是在塑料制造还是加工领域，宝捷精机都是您理想的合作伙伴。我们凭借多年的塑料机械制造经验，紧随市场需求，吸收国外的先进设计理念，结合最新技术，不断开发出新的工艺和设备。

服务于各行业的专业塑料机械解决方案

我们的技术创新中心负责提供从50吨到2200吨范围内的标准型和专用型注塑机、配套设备及全自动解决方案。我们的客户群遍布于饮料、包装行业，日常用品行业，办公、体育用品行业，医药、保健品行业，家电行业，电子行业，汽配行业，玩具、礼品行业等，而且来自世界各地。

全程贴心服务

我们从洽谈到确定最佳方案，从设备的安装调试、维护保养、系统操作到生产过程，每个阶段我们都为您提供合理建议和完善的解决方案，还有快速的配件供应以及便捷的技术服务和支持。

模块化设计满足客户个性定制

我们利用专业的知识帮助您取得成功。基于设备模块化的工程设计理念，以便客户量身定制式的快速的生产，既能帮助客户解决各种特殊工程难题，也为客户带来巨大的成本和技术优势。

服务支持

- 整机及配件提供十二个月免费保修服务(易损件除外);
- 售前提供产品和技术咨询;
- 根据用户特别要求提供整体解决方案;
- 协助用户设计厂房布局及水电配置;
- 免费调试及产品使用培训;
- 24小时全天候维修服务;
- 产品升级及改造服务;
- 产品维护知识技能培训;
- 塑料制品品质升级增值服务;
- 其它服务。

The ideal industrial partner

No matter you are in the field of plastic manufacture or processing industry, Powerjet will always be your ideal partner. We follow the market demands, absorb foreign advanced design concept and combine with up-to-date technology to develop new technology and equipment by many years of plastic machinery manufacturing experience.

Professional plastic machinery solution to various industries

Our technical innovation center can provide standard or special design injection molding machines, auxiliary equipment, and together with fully automated solution. Our customers around the world cover various industries such as beverage packaging, daily necessities, office, sporting goods, medicine, health care products, appliance, electronic products, auto, toys, and gift industry etc.

Full caring service

We not only provide reasonable advices and perfect solution, but also rapid fittings supply and convenient technical support during all our cooperation stages including negotiation, equipment installation and test, production process, and maintenance etc.

Modular designs can meet clients' customized demands

We make use of our professional knowledge to help you achieve the success. Based on the engineering design concept of equipment modular, we can produce rapidly when you need customized machines; and we also help you to solve various special engineering problems, which will bring you cost saving and technology advantages.

Service and support

- 12 months free of charge warranty service on complete machine and parts (wearing parts not included)
- Provide consultant on product and technology before sales
- To provide the turnkey projects according to the customers' requirement.
- Assist customer to design factory layout, water and electricity facilities layout
- Test running & training free of charge
- Maintenance service in 24 hours
- Product upgrading and reconstructing services
- Training on product maintenance
- Value added service on upgrading plastic parts quality
- Other services

标准注塑机系列 Standard Injection Molding Machine Series

- V系列节能型注塑机 V-series Energy-saving Injection Molding Machine
- S系列伺服节能注塑机 S-series Servo Energy-saving Injection Molding Machine
- DP系列两板大型注塑机 DP-series Large Two-platen Injection Molding Machine
- K系列快速高效注塑机 K-series High Speed Injection Molding Machine
- JE系列全电动注塑机 JE-series Full-electric Injection Molding Machine



新一代节能型注塑机

NEW GENERATION OF ENERGY-SAVING INJECTION-MOLDING-MACHINE



V6 S6



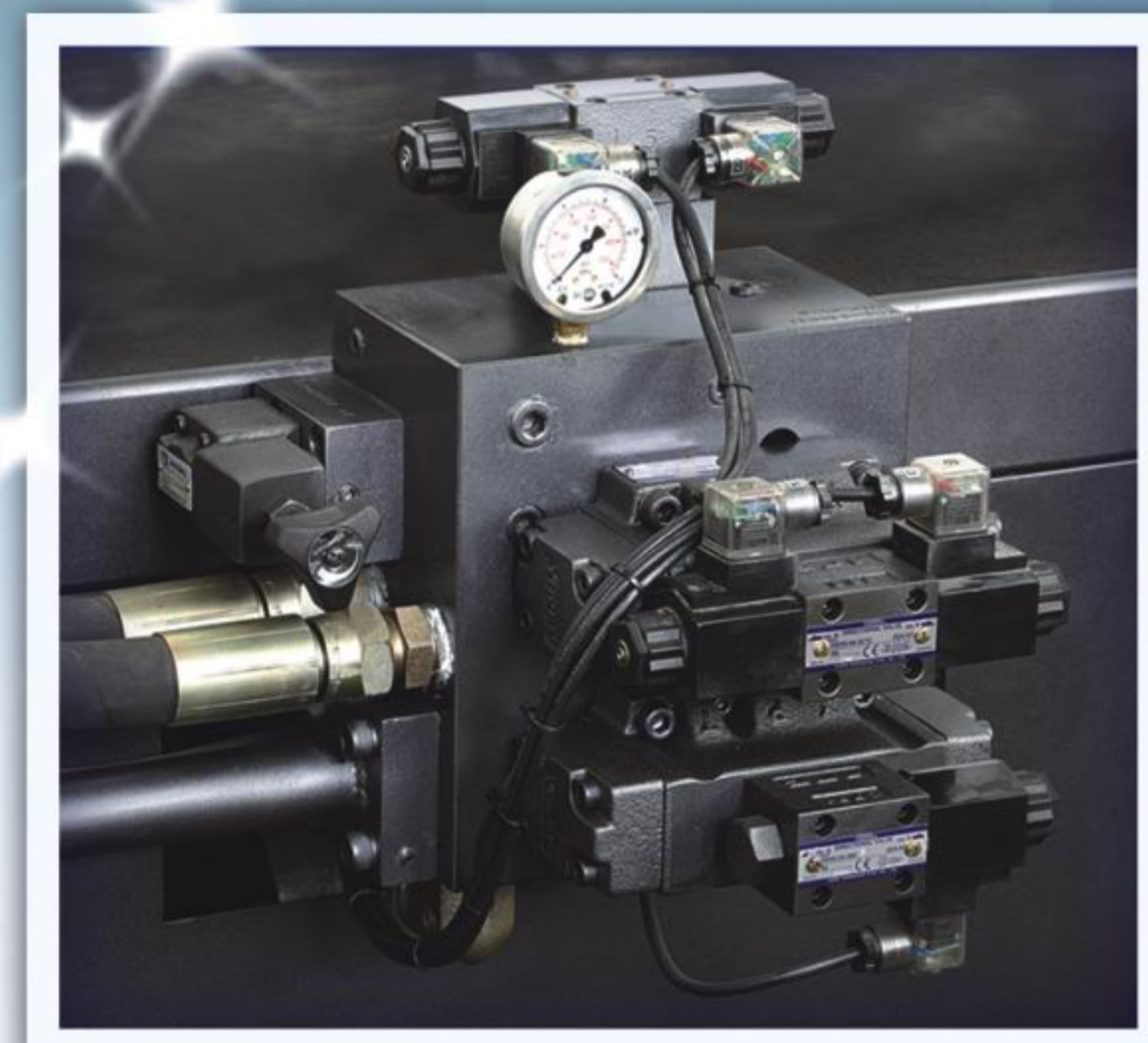
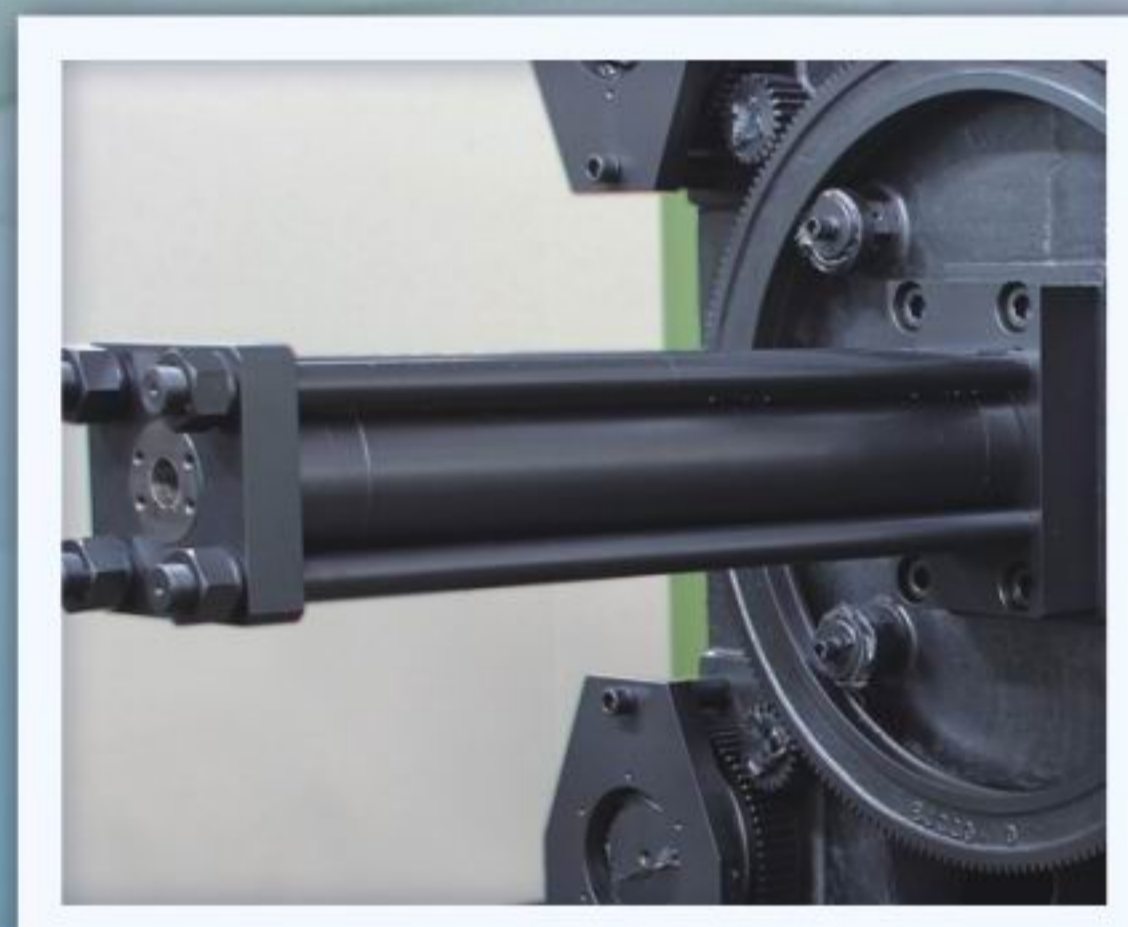
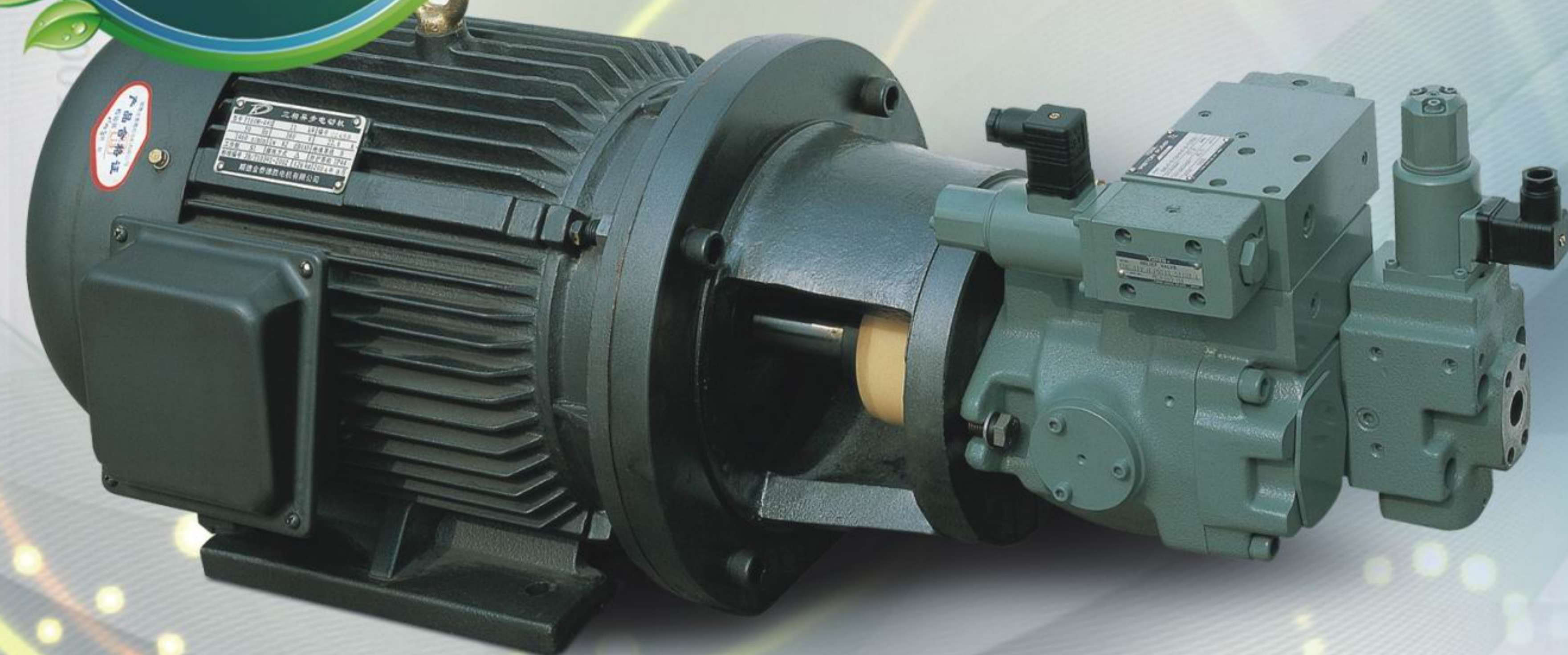
- ES** 节能 Energy Saving
- HS** 高速 High Speed
- HP** 高效 High Performance
- PS** 精密 Precision
- SB** 稳定 Stability

V6 Hydraulic System

变量泵省电液压系统

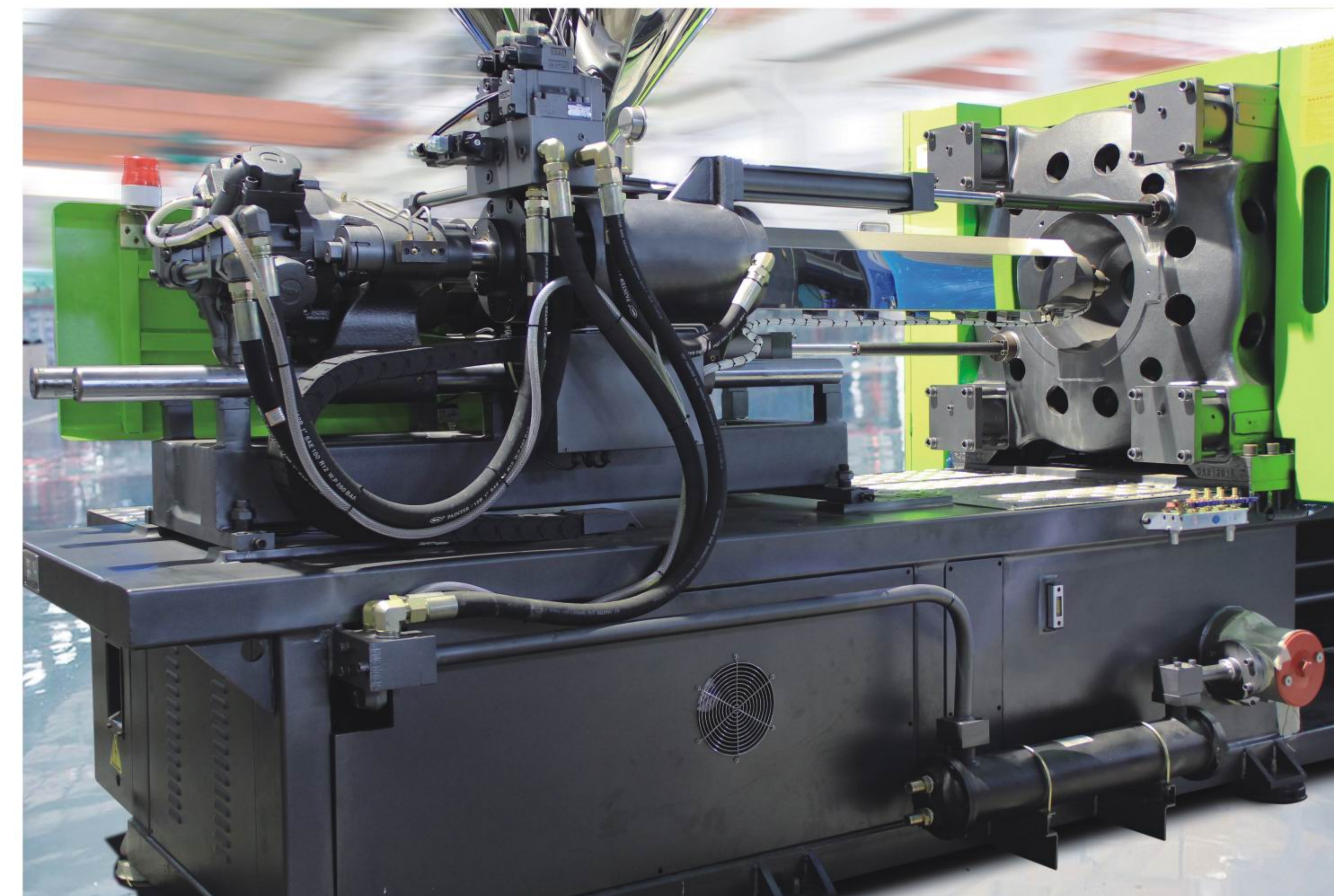
节电
save

25-45%



**液压系统设计先进，工作稳定、低噪，
省电达25% - 45%，提高经济效益。**

Advanced designed hydraulic system makes the operation more stable and lower noise; and it can save the energy up to 24%-45%.



1

2

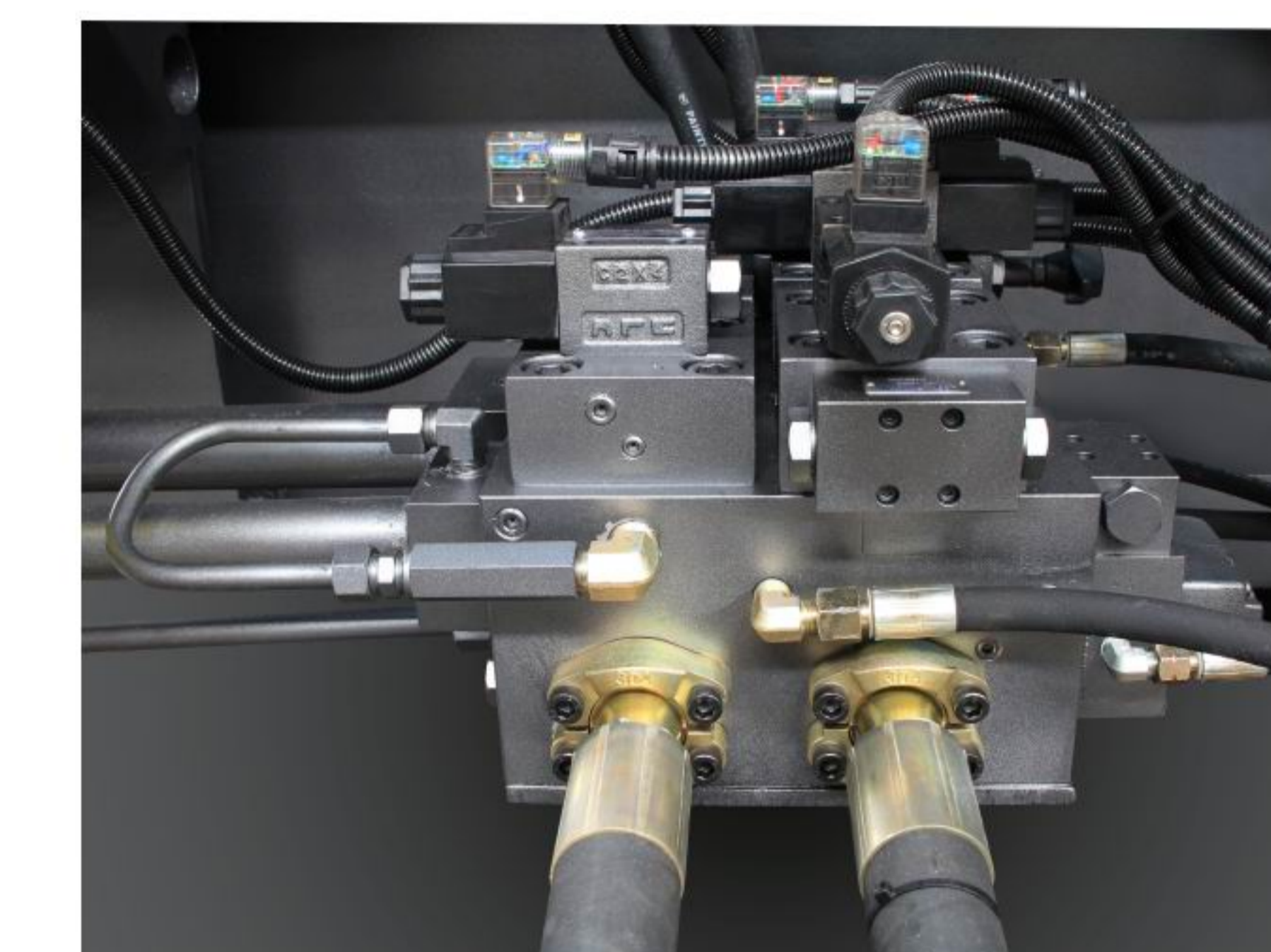
3

4

1. 大流量加插装阀的油路系统设计。
Large-flow hydraulic system with cartridge valves.
2. 进口高档液压元件。
Imported top grade hydraulic components.
3. 高精度回油过滤器全流量过滤油路。
High-precision oil filter and full-flow by-pass oil filter.
4. 低速大扭矩液压马达驱动螺杆。
Screw is driven by low speed & big-torque hydraulic motor.

- 高精度电脑控制器和高效节能的柱塞式比例变量泵完美结合，省电达25%—50%，经济效益和社会效益双提高。同时降低了油温和减少了冷却水用量，延长了液压元件的寿命，降低了故障率，节约了维修成本；
- 高精度回油过滤器全流量过滤油路，滤油效果达NAS-7级，有效的防止液压油的污染和劣化，真正做到了不用换油，即为客户节省了使用成本，又保证了液压系统运行更平稳、密封件的寿命更长。（500以上用旁路滤油器）
- 进口高档液压元件，配合差动式油路设计，保证锁模快速、平稳、低噪，缩短成型周期，提高生产效率；
- 大流量加插装阀的油路系统设计，既保证了系统响应快、冲击小的要求，又减少了油路的压力损耗；
- 螺旋导流式冷却器，换热效率高，压力损失小，保证液压系统运行稳定，提高重复精度和产品合格率；
- 低速大扭矩液压马达驱动螺杆，满足各种原料的塑化要求。

- Perfect combination between computer and high efficient proportional plunger variable pump saves electricity by 25%-50%. The economic efficiency is high.
- With full flow high precision return oil filter, the oil filter effect is up to NAS - 7 levels, can effectively avoid contamination and deterioration of hydraulic oil, thereby hydraulic parts work more stable and service life of hydraulic seals is longer.
- Imported advanced hydraulic valve incorporated with differential oil circuit guarantees mould locking device to be fast, stable and low noise, and reduces forming period, increase production efficiency.
- Cartridge valve added in the hydraulic system insures the fast response & small impact, which reduces the consumption of the pressure.
- Spiral flow cooler is high in heat transfer efficiency and less pressure loss. It guarantees stable operation of hydraulic system, improves repetition accuracy and qualification rate of products.
- Low speed and large torque hydraulic motor meets plasticizing demand of different raw material.



S6 Hydraulic System

伺服节能液压系统

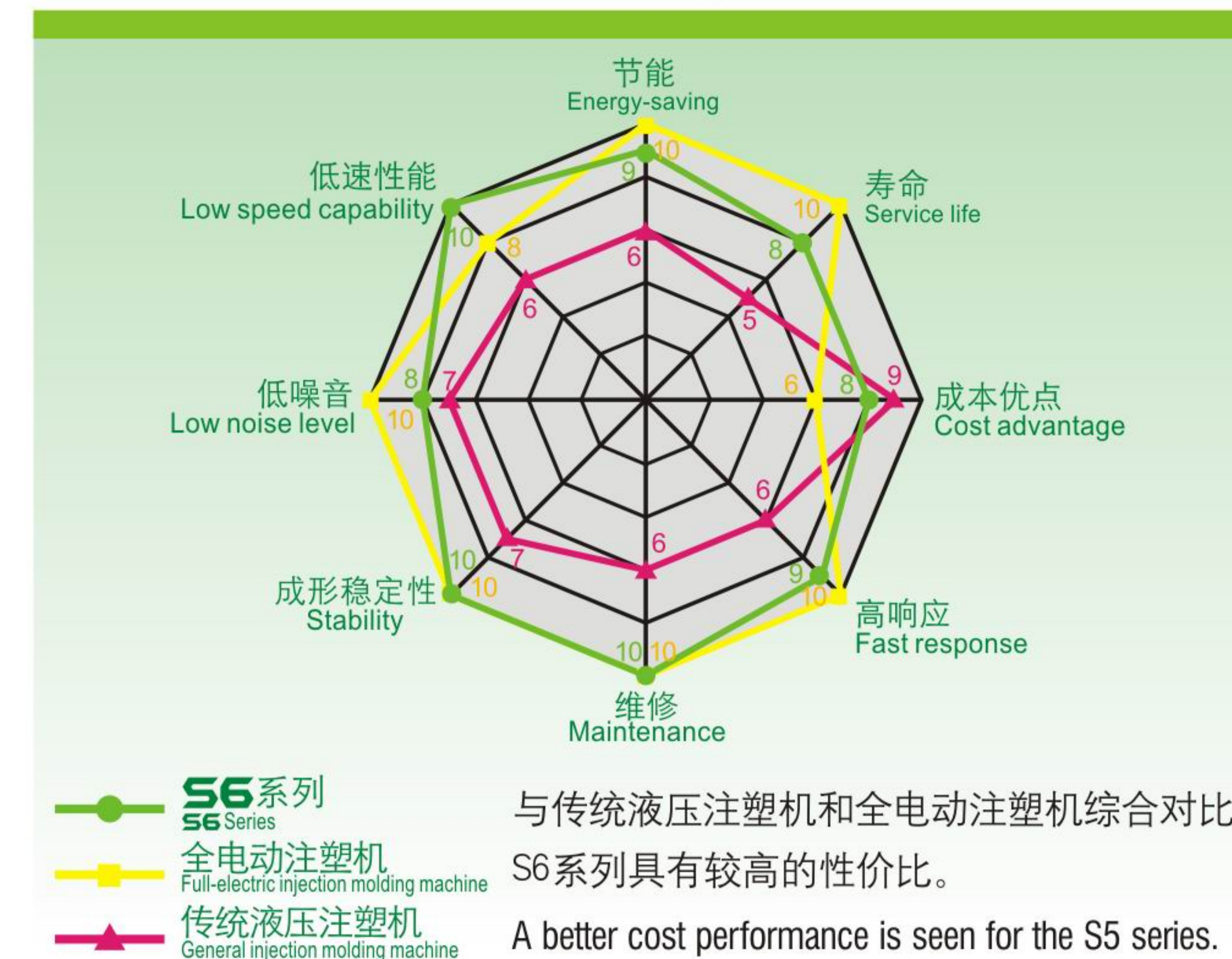


控制原理图 Schematic Diagram of Control

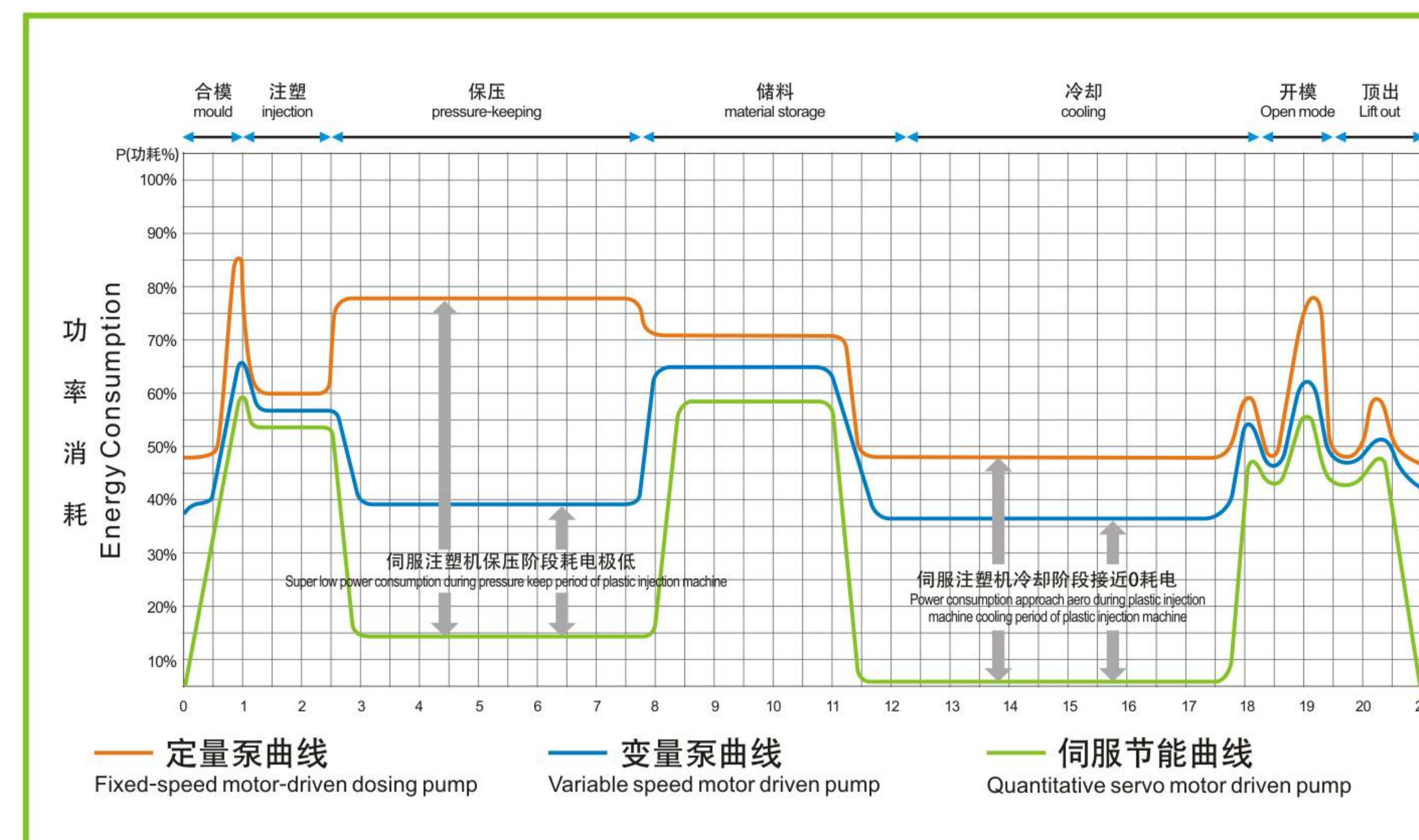
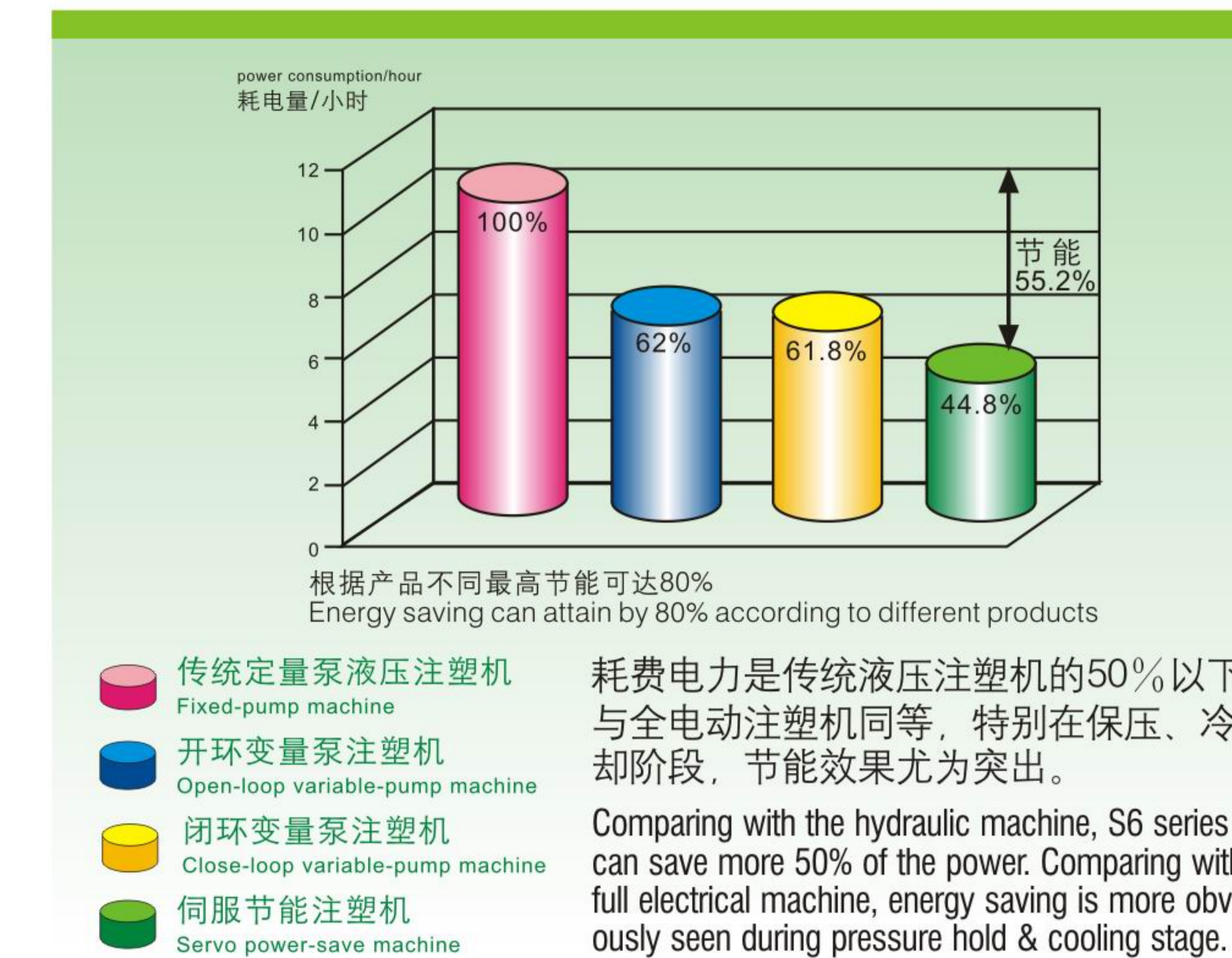
伺服节能控制液压系统具优异的节电性能，省电达30%-50%，经济效益显著提高。

Servo motor with energy-saving controlled hydraulic systems can save electricity up to 30%-50%.

S6综合性评价 Integrated Evaluation



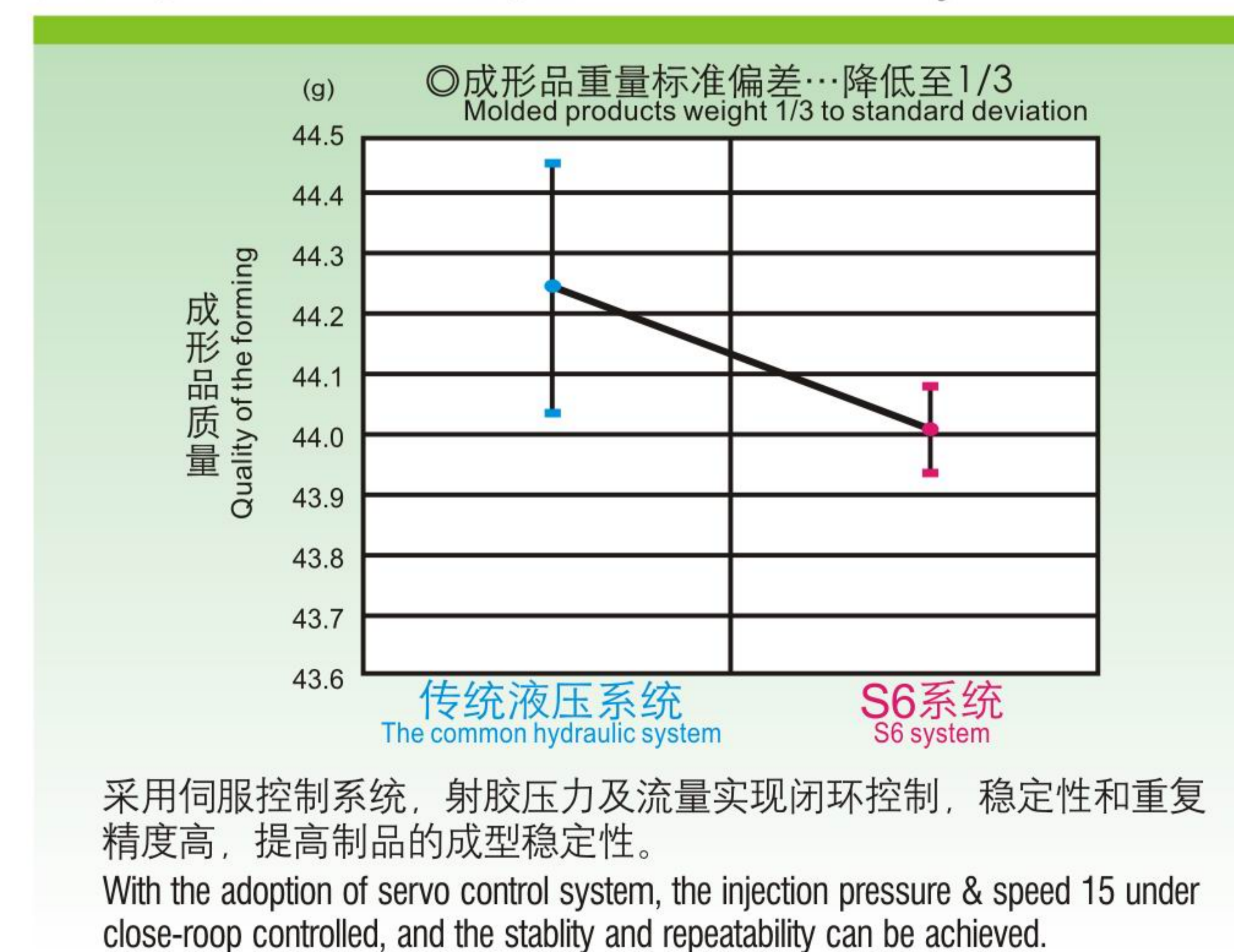
节能效果显著 Outstanding Energy Saving



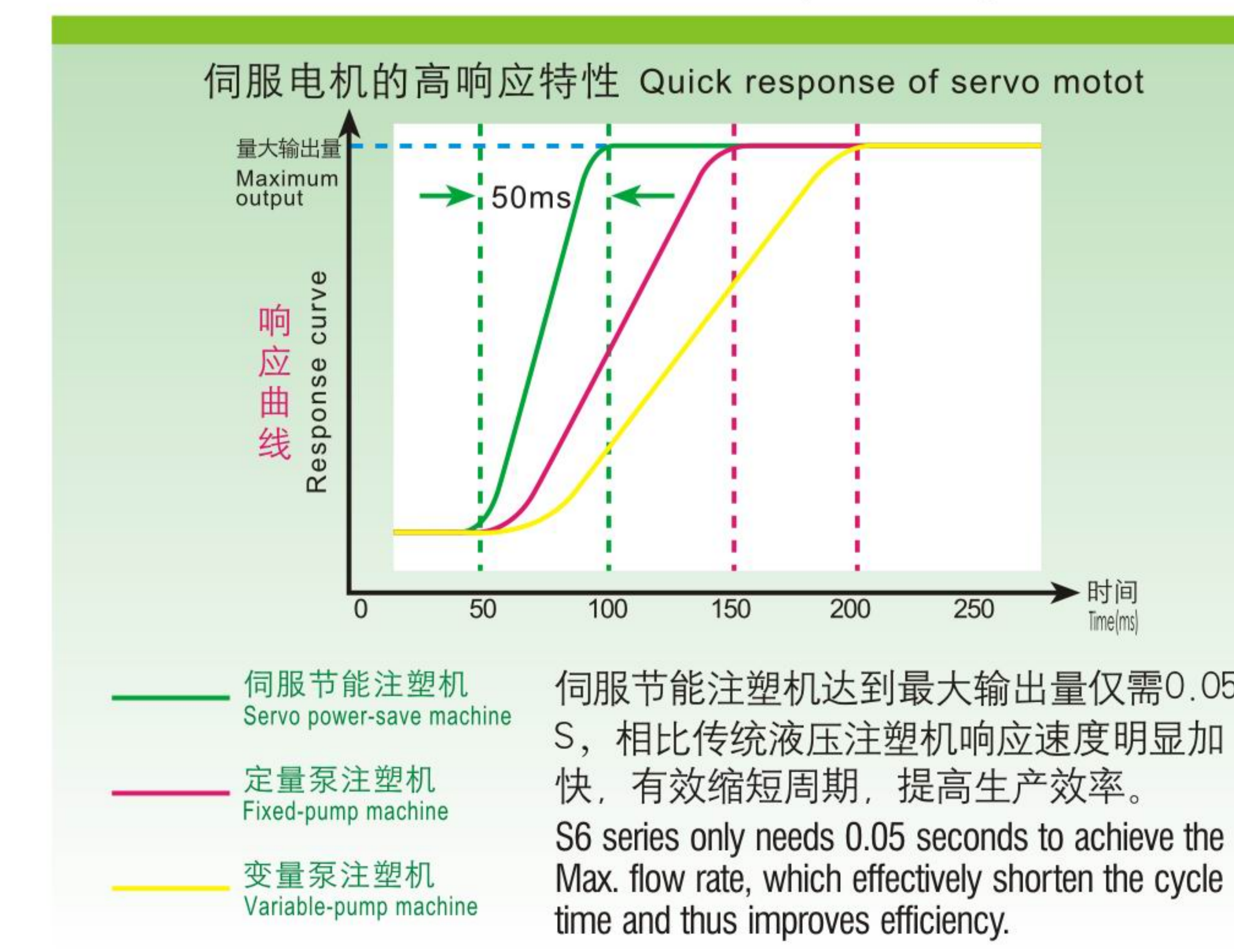
伺服节能注塑机装载了高性能的伺服电机动力控制系统，伺服电机输出的功率随负载变化而变化，不存在多余能量的损耗，保压阶段电机降低转速，能耗极低，冷却阶段电机不工作，能耗为零，提高注射精度的同时，大幅度节电、节水、降低噪音。真正实现了液压注塑机的一次全新革命。

Servo-motor injection molding machine is energy-saving and loaded with high-performance servo motor power control system; its power output can vary with load charge, which makes no excess energy loss; the servo motor automatically reduces revolving speed at the stage of pressure holding and without working at the stage of cooling, which will saves energy and water consumption, improve injection accuracy, and reduce noise.

提高成型稳定性 Better Stability



优异的高响应性 Faster Response Speed



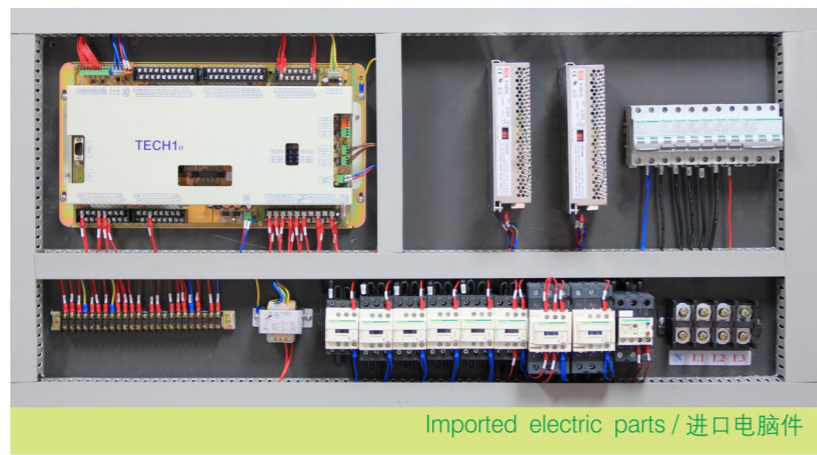
Control System

控制系统



- 高性能的开关电源，供电电压由 160V 至 280V 都可以正常工作，能够适应各种恶劣的电源环境；
- 采用高像素 (800×600) 大容量的 TFT 真彩显示屏，显示内容更加丰富，使工艺调整更直观、操作更简单、功能更加完善。并可模拟机器动作；
- 高速 CPU 加大容量存储器不仅满足系统程序控制的要求，还可以用图形记录完整的射出过程，使注射工艺调节更加方便；
- 大容量存储器使监测、警报、模具参数存储量倍增，可存储 200 套模具的注射成型资料，记录 200 组成型监测数据和 200 次报警信息。模具资料可以自由选择复写或删除。同时还可使用 SD 卡进行读写和存储模具资料，更有利于大规模生产管理；
- 配有网络通讯端口，可实现注塑机网络管理，能够实时监控工厂的生产状态和注塑机的工作情况，实现工厂自动化生产；
- 完善的自动检测功能和大量的内部参数，可以帮助您将机器的每一个动作都调整到最佳状态；
- 六段射出速度、压力及五段保压压力、速

- 度控制，能够满足各种复杂制品的工艺条件；
- 五段储料速度、压力控制，保证塑化更均匀，速度更快、计量更稳定；
- 快速温度控制系统，采用模糊 (FUZZY) 控制方式，具有升温快、精度高的特点，静态时温度控制精度在 $\pm 1^{\circ}\text{C}$ 。同时具有高低温偏差报警及热电偶断线检出功能；
- 冷料启动防止功能；
- 锁模、射胶和顶出行程采用高精度电子尺实现位置控制，设定精度 $\pm 0.1\text{mm}$ ；
- 具有顶出停留、顶针震动和多次顶出功能。顶针前进/后退速度、压力可分二段控制；
- 成型数设定配合自动停机，更加方便生产管理；
- 不良品监测，机器自动方式运行时，电脑会对每一周期的射出进行监测，判断制品和机器是否正常；
- 自动调模功能，可直接输入锁模压力，由电脑自动完成模厚调整工作，使锁模力与设定的高压锁模压力一致；
- 设定资料锁定，防止人员不当修改。



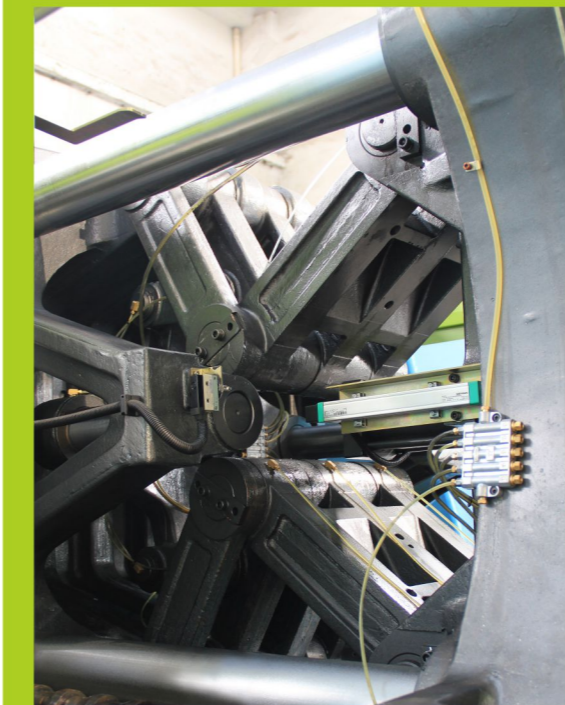
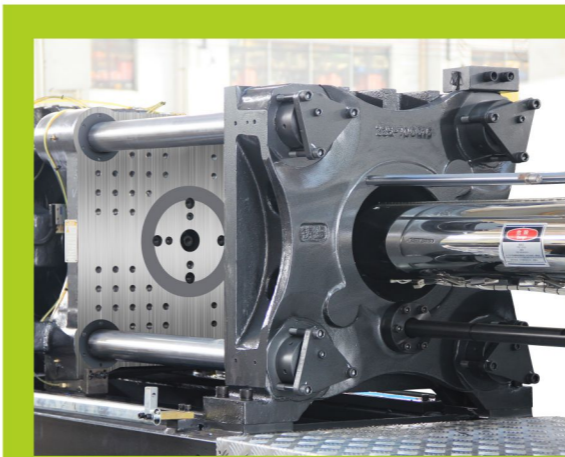
Imported electric parts / 进口电脑件

- Advanced switch power supply, with operating voltage between 110V and 280V, can be used in all severe power supply environment.
- High pixel (800 × 600) TFT screen with large capacity is used. Adjusting process is more intuitive, more simple in operation, the function is more perfect. It can also simulate the machine action.
- High speed CPU increases capacity for memory to meet the requirements of system control. Injection process also can be shown with graphic recording, makes it more easy for injection technique adjustment.
- It can store injection material information for 200 sets of moulds. Mould information could be selected, duplicated or removed conveniently. SD card can be used to read & save mould data, which is conducive for large-scale production management.
- With network communication port, it can realize the network management of injection molding machine. The work state of production and the factory can be monitored, to achieve the fully automation of production.

- Automatic detection of perfect function and a large number of internal parameters help to adjust the machine to the best state.
- Six stages material injection speeds and pressure, five stages pressure holding speed and pressure, and two stages material molten speed and pressure control can meet all complicated process requirement of products.
- Fuzzy temperature control is used. High and low temperature deviation alarm and thermocouple disconnection detection functions are available.
- Function to prevent cold material start-up.
- Mould clamping, injection, ejector adopt high precision electronic meter for position measuring. The position setting precision is up to 0.1mm.
- Push-out stay, ejector shock and multi push-out functions are available. Ejector forward and backward speed, pressure can be set separately in two stage.
- Counting of forming can be matched with automatic stop function for convenient production management.
- Default monitor: When machine works in automatic mode, computer may monitor the working condition in each period and judge if products and machine are normal or not.
- Computer controlled automatic lubrication devices: According to times of opening and clamping mould, lubricating oil output can be adjusted conveniently through computer.
- Automatic mould adjusting function. Input directly clamping pressure, the computer could automatically finish mold thickness adjustment.
- Information setting can be protected to prevent improper modification.

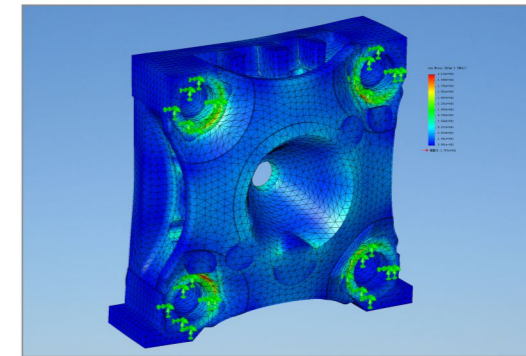
Clamping System

锁模系统



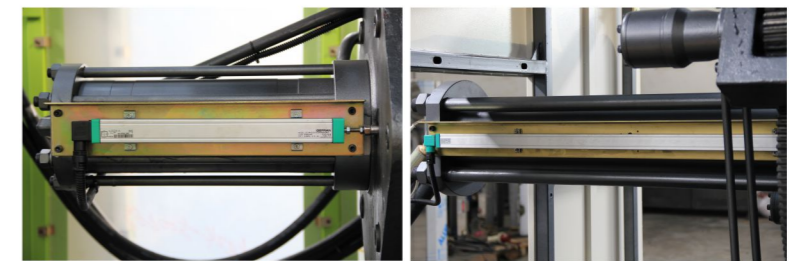
- 经过优化设计的5点式双曲肘锁模机构，具有开、合模速度快、平稳、省能的特点；
- 差动式特快锁模功能，有效的缩短了成型周期时间，提高了机器的工作效率；
- 可靠的低压保护功能，大大地延长了模具的使用寿命；
- 锁模T形槽使模具安装更加方便快捷；(选配)

- Five pivots double toggle mould clamping mechanism is featured with fast opening and clamping, stable and energy saving.
- Differential fast mould clamping device effectively reduces cycle time and increases working efficiency of the machine.
- Reliable low pressure protection function greatly prolongs the service life of the mould.
- T-Slot Platen make fixing the mould in the machine more convenient.

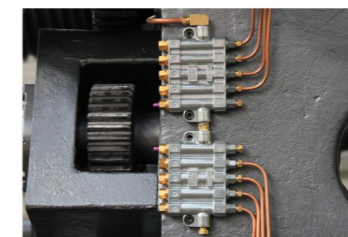


模板应用有限元技术进行结构辅助分析，使模板结构更合理、强度和耐疲劳性更好，使用寿命更长；

Finite element analysis is used on the structure of mould plates so that the structure of mould plate is more logical, stronger and higher fatigue resistance.



锁模和顶出行程采用高精度电子尺控制，设定精度可实现 $\pm 0.1\text{mm}$ 。低压保护和顶出行程设置更直观、更简单。
High precision electric meter is used to control position. The control precision is $\pm 0.1\text{mm}$.



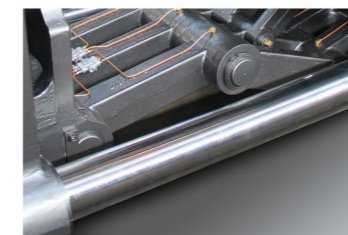
自动定量润滑系统。根据开、合模次数多少来自动控制润滑，保证锁模机械更稳定、可靠，寿命更长。

Automatic dosing lubrication system guarantees mould clamping mechanism to be more stable and reliable.



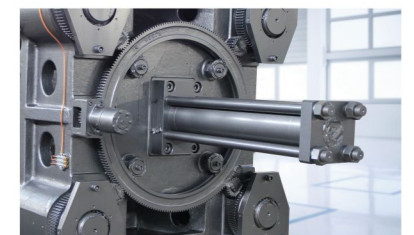
机械、液压和电气三重保护装置，确保操作人员安全，充分体现以人为本的设计理念；(注：B.J400以上机器液压安全保护装置为标准配置)

Mechanical and double electric interlock protection devices guarantee the safety of the operators. (Machine above 400T is also equipped with hydraulic safety device.)



高刚性抗磨损镀硬铬立柱，具有高精度、高拉力、高强度、长寿命；

Wear resistant hard chromium plated tie bar is featured with high-tensile and high strength.



液压马达配合齿轮调模系统，使调模系统更加合理和完美；

Hydraulic motor with centering gear mould adjusting system makes mould adjusting system to be better.

Injection System

注射系统

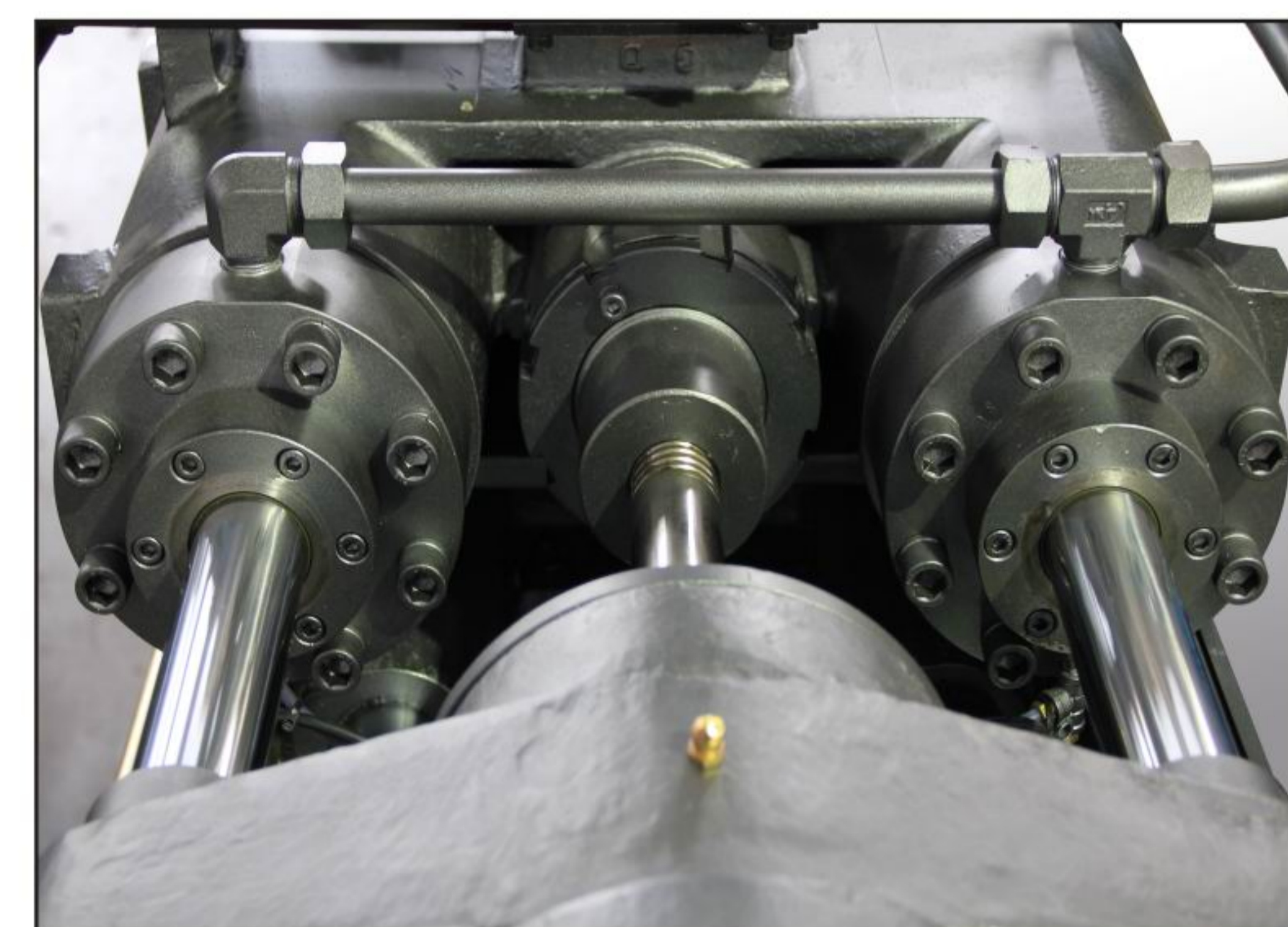


优良高效的分离型螺杆、高混炼螺杆及各种专用螺杆，提高物料的适用范围，保证熔料均匀和计量稳

Superior and efficient separating screw and high mixing screw increase the range of material used, and

Screw
高效塑化件

Injection Unit 射出单元



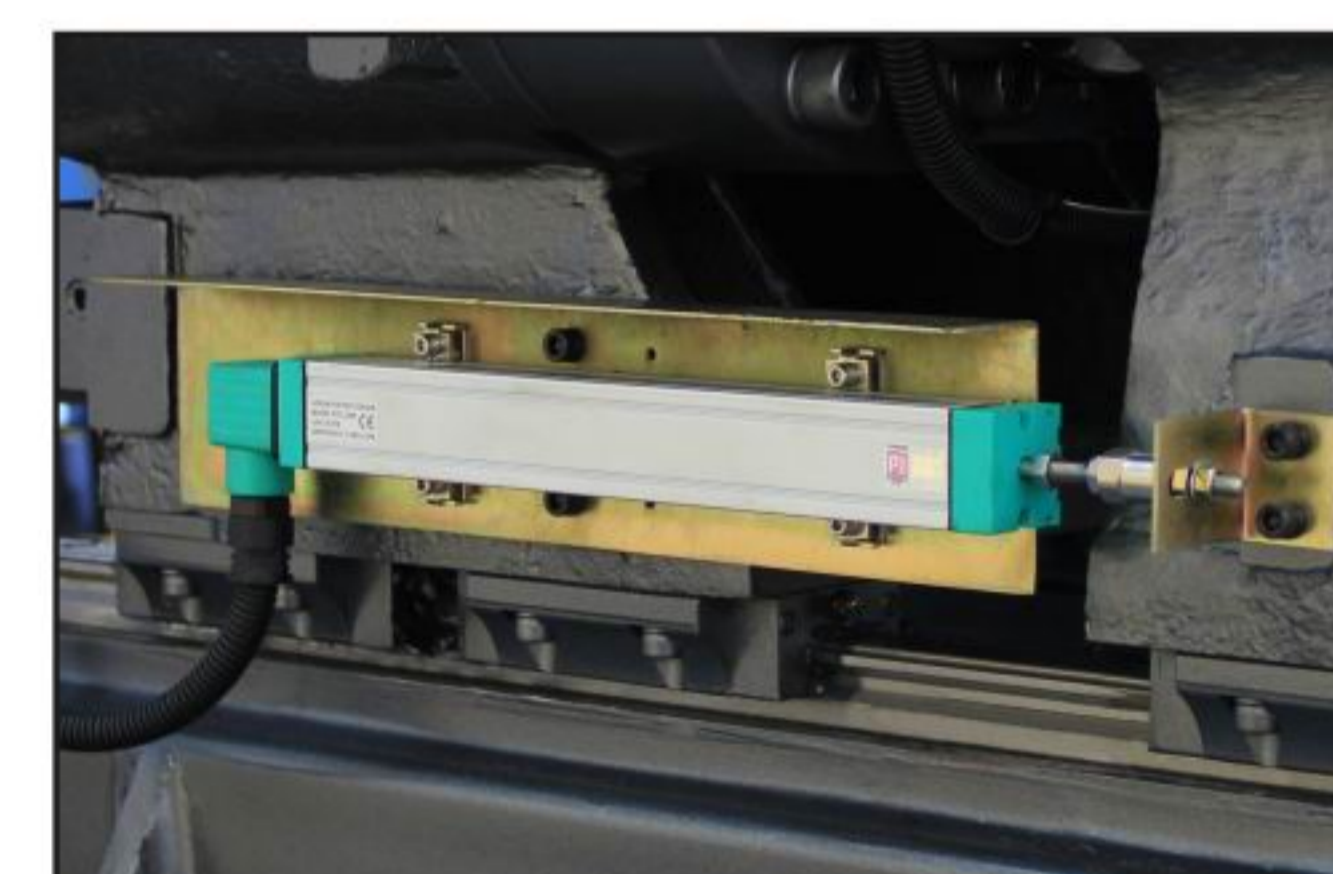
双缸平衡式射胶机构，提供更高的射胶压力，机构更简单稳定，故障率更低维修更方便，同时又节省空间；

Double cylinder balance injection mechanism provides high-pressure injection, easy maintenance and saves space.

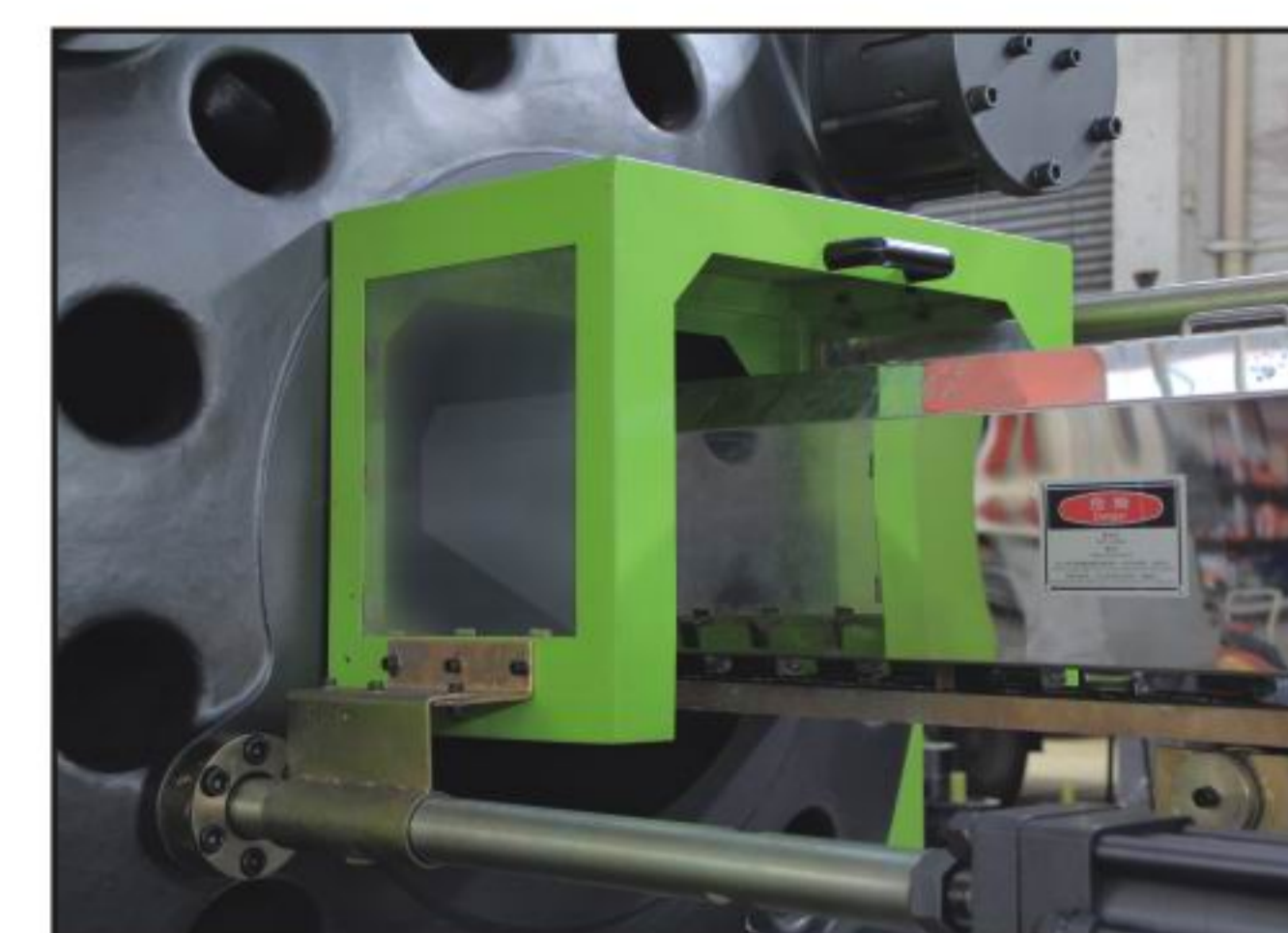


BJ250以上机型采用双射移油缸，受力更合理，并有效的防止了射嘴偏移，杜绝漏胶现象发生；

Machine above 250T adopts double injection cylinders to prevent injection nozzle displacement and avoid material leakage.



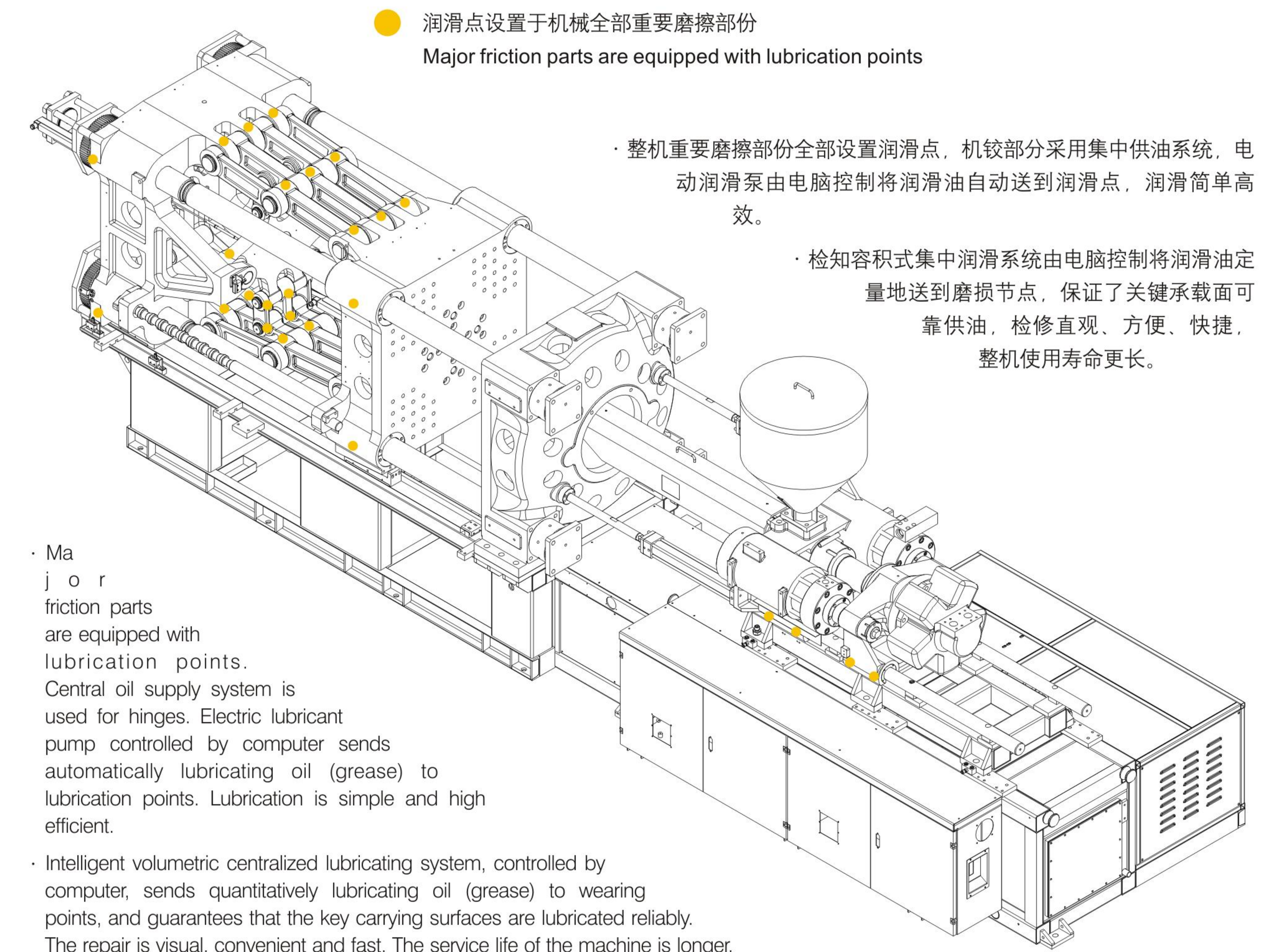
精密电子尺控制射胶、熔胶行程。
Precision electronic meter control on material injection, molten stroke.



射嘴保护罩 Nozzle cover

Lubrication System

润滑系统



● 润滑点设置于机械全部重要摩擦部份
Major friction parts are equipped with lubrication points

· 整机重要摩擦部份全部设置润滑点，机铰部分采用集中供油系统，电动润滑泵由电脑控制将润滑油自动送到润滑点，润滑简单高效。

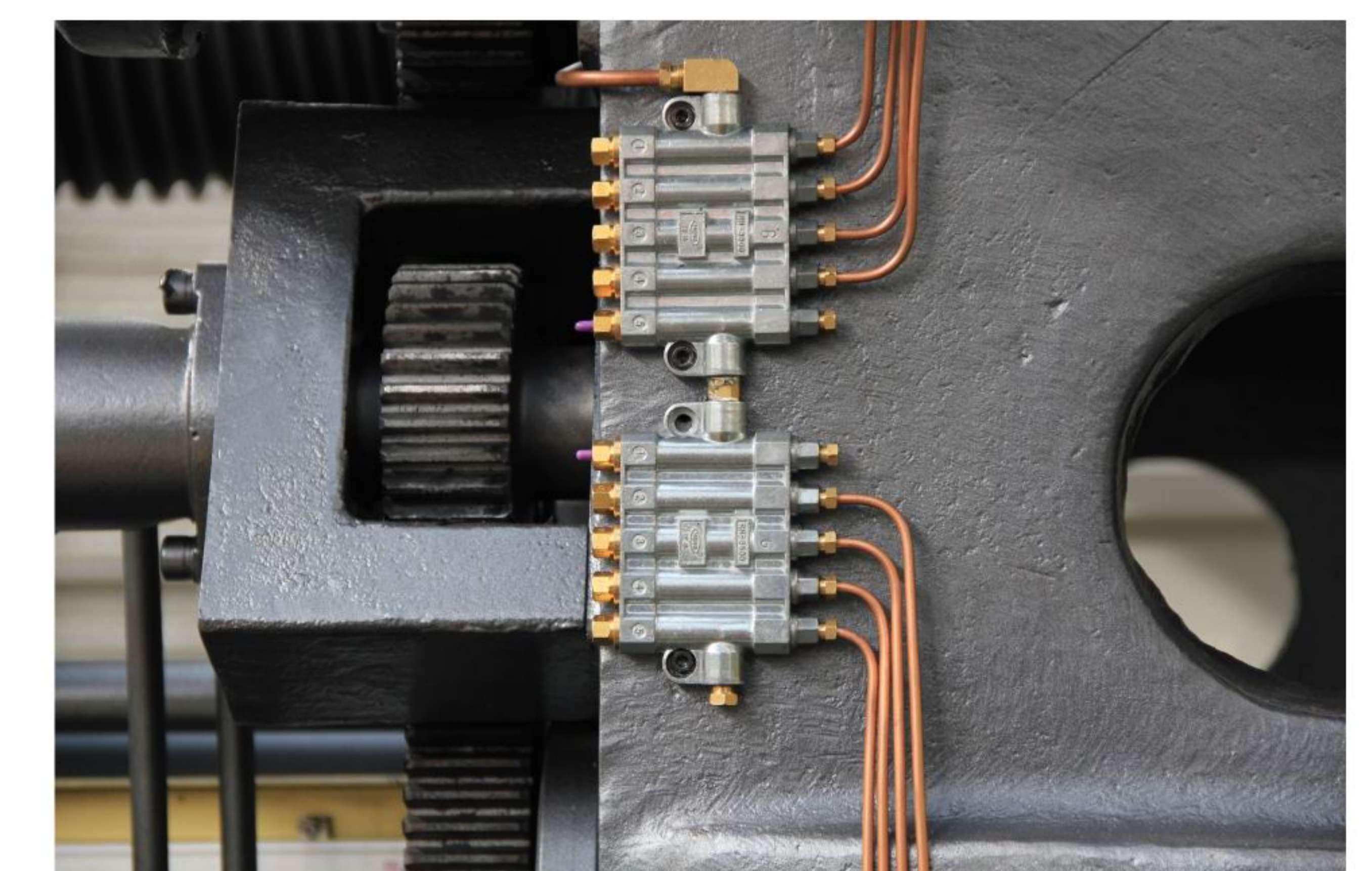
· 检知容积式集中润滑系统由电脑控制将润滑油定量地送到磨损节点，保证了关键承载面可靠供油，检修直观、方便、快捷，整机使用寿命更长。

· Major friction parts are equipped with lubrication points. Central oil supply system is used for hinges. Electric lubricant pump controlled by computer sends automatically lubricating oil (grease) to lubrication points. Lubrication is simple and high efficient.

· Intelligent volumetric centralized lubricating system, controlled by computer, sends quantitatively lubricating oil (grease) to wearing points, and guarantees that the key carrying surfaces are lubricated reliably. The repair is visual, convenient and fast. The service life of the machine is longer.



电动润滑泵 Electric lubricant pump



检知容积式分配器 Intelligent volumetric distributor

Device Configuration

设备配置

标准配置

Standard Devices

1. 注射系统

- 合金钢氮化螺杆料筒
- 滑轨式卸料装置
- 标准喷嘴
- 双缸平衡注射装置
- 不锈钢料斗
- 螺杆防冷启动功能
- 自动清料功能
- 防流涎功能
- 多段料筒PID温控 (4至7段)
- 射胶熔胶故障自动检测
- 喷嘴防护罩
- 精密电子尺控制射胶 / 熔胶行程

2. 锁模系统

- 精密电子尺控制锁模 / 顶针行程
- 锁模三大板 / 机铰采用高刚性球墨铸铁
- 电脑控制两段顶出前进 / 后退动作
- 低压模具保护功能
- 液压驱动调模装置

3. 液压系统

- 高性能进口定量泵 / 变量泵
- 熔胶背压调节装置
- 全流量精密回油过滤器
- 系统压力流量自动校正

4. 控制系统

- 输入 / 输出检视功能
- 自动保温及自动加热设定功能
- 射胶转保压采用时间 / 位置 / 压力三种转换方式
- 各个动作斜率的独立调整
- 200组模具记忆功能、生产资料监测功能

5. 附件

- 说明书
- 工具箱
- 随机配件

1. Injection system

- Nitriding alloy steel screw & barrel
- Sliding rail unloading device
- Standard injection nozzle
- Double cylinder balance injection unit
- Stainless steel hopper
- Anti-cold start-up of screw
- Automatic resin clear function
- Anti leaking function
- Multistage charging barrel PID temperature control (4 - 7 stages)
- Automatic defecting on material molten and injection fault
- Protective nozzle cover
- Precision electronic meter control on material injection/molten stroke

2. Mold locking device

- Precision electronic meter control mold locking / ejector stroke
- Mold clamping three plates/hinges are made of high strength nodular cast iron.
- Two stages forward / backward movement controlled by computer
- Mold low pressure protection function
- Hydraulic mold adjusting device

3. Hydraulic system

- High performance proportional variable pump system / variable-pump
- Molten material back pressure adjusting device
- Full flow precision return oil filter
- Automatic adjustment of system pressure and flow

4. Control system

- Input / output viewing function
- Setting function of automatic temperature retaining and heating
- Time / position/pressure control on injection to pressure holding
- Independent adjustment on slope of each movement
- Two-sets of hydraulic core pulling/unscrewing mold release
- Save for 200 sets of mold data & monitoring function for production data

5. Accessory

- Operation manual
- Tool box
- Spare parts

宝捷精机
PowerJet®

YUKEN

日本油研

NOK

日本NOK

GEFRAN

意大利杰弗仑

Berg

贝加莱

Schneider Electric

法国施耐德

FAT-N

美国伊顿

NACHI

日本不二越

ECKERLE
HYDRAULIC DIVISION

德国艾可勒

VOITH

德国福伊特

Danfoss

丹麦丹佛斯

TECHMATION

台湾弘讯

MODROL

蒙德

PHASE
MOTION CONTROL

菲仕

intermot

意大利英特姆

备选配置

Optional Configuration

1. 注射系统

- 加长喷嘴 (加长25/50/100mm)
- 专用螺杆组件
- 干燥料斗
- 料筒吹风装置
- 自锁喷嘴

2. 锁模系统

- 加大容量50/100mm
- 加大顶针行程
- 吊模架
- 加装模具隔热板
- 特殊模具安装孔
- 电动安全门
- T型槽模板

3. 液压系统

- 液压抽芯 / 旋转脱模装置
- 液压安全保护
- 独立油温控制系统
- 高响应伺服注射系统
- 闭环控制变量泵系统
- 氮气射胶装置
- 熔胶比例背压控制

4. 控制系统

- 电动旋转脱模装置
- 多组工模吹风
- 电动旋转脱模接口
- 更改电源电压
- 加热固态继电器控制
- 欧规机械手接口

1. Injection system

- Long injection nozzle (Extended by 25 / 50 / 100mm)
- Special screw & Barrel
- Hopper dryer
- Barrel with air blowing devices
- Self-locked injection nozzle

2. Mold Clamping system

- Enlarged mold capacity by 50/100mm
- Super large ejector stroke
- Mold hoisting carrier
- Mold heat insulating plates
- Special mold location ring
- Electrical safety gate
- T-slot mold platen

3. Hydraulic system

- Hydraulic core pull / Unscrewing mold release device
- Hydraulic safety protection
- Independent oil temperature control system
- Sensitive servo control injection system
- Closed-loop control variable pump system
- Nitrogen material injection device
- Melting by proportional back pressure control

4. Control system

- Electric unscrewing mold release device
- Mold air blowing devices in moving mold Platen
- Electric unscrewing mold release dynamic interface
- Change of power supply voltage
- Heating by solid-state relay control
- Euro standard robot port

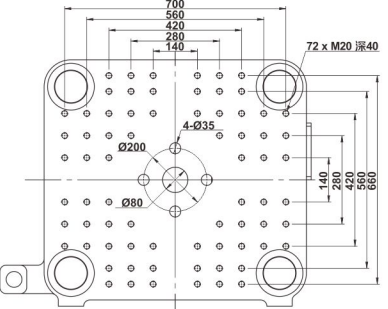
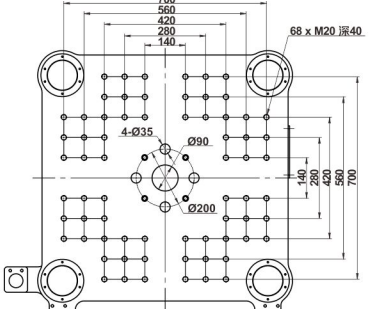
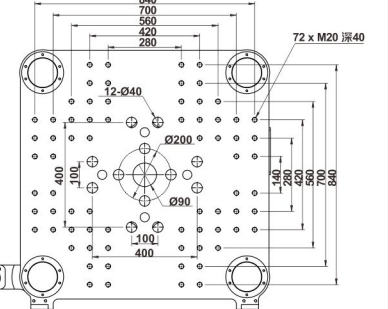
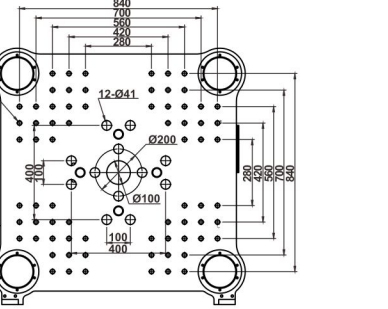
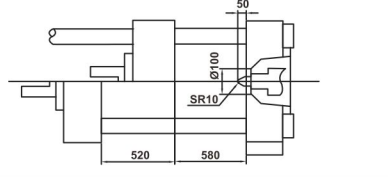
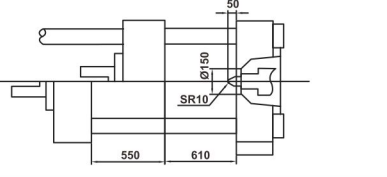
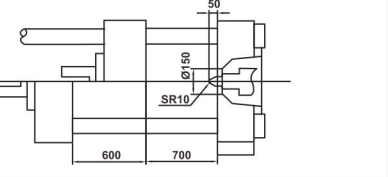
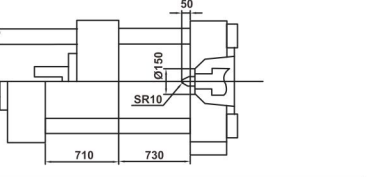

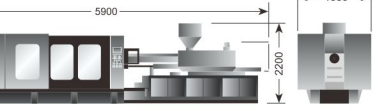
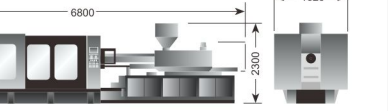
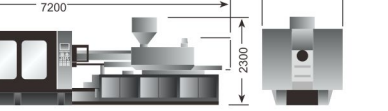
Parameter 参数表

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

说明	DESCRIPTION	单位UNIT	BJ-50V6/S6	BJ-90V6/S6	BJ-126V6/S6	BJ-160V6/S6	BJ-200V6/S6
国际公认型号	International size rating		500-163	900-300	1260-395	1600-604	2000-934
锁模单元 CLAMPING UNIT							
锁模力	Clamping force	KN	500	900	1260	1600	2000
开模行程	Opening stroke	mm	265	320	350	440	490
模板最大开距	Max.daylight	mm	575	680	750	940	1040
模板外形尺寸	Platen size	mm x mm	480×480	540×540	610×610	705×705	775×755
导柱内距	Space between bars	mm x mm	315×315	360×360	410×410	460×460	510×510
最大模厚	Max.mold height	mm	310	360	400	500	550
最小模厚	Min.mold height	mm	110	130	145	160	230
顶针行程	Ejector stroke	mm	70	100	100	140	140
顶出力	Ejector force	KN	20	34	42	49	65
注射单元 INJECTION UNIT							
螺杆直径	Screw diameter	mm	26 28 30	30 36 42	36 40 45	42 46 52	46 52 60
螺杆长径比 L/D	Screw L/D Ratio		21.3 20 18.3	20.7 20 17.2	23 20 18.2	22 20 17.4	23 19.9 17.5
注射压力	Injection Pressure	Mpa	257 221 193	266 185 136	205 166 131	213 177 139	230 180 135
理论注射容积	Shot volume	cm ³	63 74 85	113 163 222	193 238 302	284 340 435	407 520 693
实际注射量(PS)	Shot weight(ps)	g(克)	54 62 75	101 145 198	173 213 270	253 302 387	362 462 617
		OZ(盎司)	2 2.4 2.8	3.7 5.4 7.2	5.7 7.5 9.5	8.9 10.7 13.7	12.8 16.3 21.8
注射速率(PS)	Injection rate	g/sec	54 62 72	54 78 106	88 109 137	105 126 161	119 153 203
塑化能力(PS)	Plasticizing capacity	g/sec	10 12 14	13 19 26	17 23 32	19 27 36	28 38 55
螺杆行程	Screw stroke	mm	120	160	190	205	245
螺杆转速	Screw speed	rpm	206	174	190	210	170
动力/电热 POWER UNIT							
油压系统压力	Hydraulic system Pressure	Mpa	17.5	17.5	17.5	17.5	17.5
油泵电机功率	Pump motor power	KW	7.5	11	11	15	18.5
加热功率	Heater power	KW	3.5	6	6	9.8	11.5
其他 GENERAL							
空循环时间	Dry-cycle time	Sec	1.2	1.5	1.5	1.8	1.8
油箱容量	Oil tank capacity	L	120	180	210	260	340
理论机重	Machine weight	Ton	2.6	3	3.2	4.6	6.2
外形尺寸	Machine dimensions(LxWx H)	m x m x m	3.4×1.0×1.6	4.0×1.2×1.7	4.3×1.2×1.8	4.8×1.3×1.8	5.2×1.4×2.1
模板正面尺寸 Platen Dimensions							
模板侧面尺寸 Platen Dimensions							
外型尺寸 Machine Dimensions							

Parameter 参数表

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

说明	DESCRIPTION	单位UNIT	BJ-250V6/S6	BJ-288V6/S6	BJ-330V6/S6	BJ-400V6/S6
国际公认型号	International size rating		2500-1341	2880-1341	3300-1902	4000-2495
锁模单元 CLAMPING UNIT						
锁模力	Clamping force	KN	2500	2880	3300	4000
开模行程	Opening stroke	mm	520	550	600	710
模板最大开距	Max.daylight	mm	1100	1160	1300	1440
模板外形尺寸	Platen size	mm x mm	800×760	850×850	985×985	1050×1050
导柱内距	Space between bars	mm x mm	560×490	610×610	670×670	740×720
最大模厚	Max.mold height	mm	580	610	700	730
最小模厚	Min.mold height	mm	230	280	300	300
顶针行程	Ejector stroke	mm	145	145	180	210
顶出力	Ejector force	KN	77	77	77	110
注射单元 INJECTION UNIT						
螺杆直径	Screw diameter	mm	52 60 68	52 60 68	60 68 75	68 75 83 90
螺杆长径比 L/D	Screw L/D Ratio		21 21 19	21 21 19	21 20.6 19	22 20 19 19
注射压力	Injection Pressure	Mpa	226 169 132	226 169 132	217 169 139	208 171 140 119
理论注射容积	Shot volume	cm ³	594 791 1017	594 791 1017	876 1126 1370	1198 1458 1786 2099
实际注射量(PS)	Shot weight(ps)	g(克)	529 704 905	529 704 905	780 1002 1219	1066 1298 1590 1868
		OZ(盎司)	18.7 24.8 31.9	18.7 24.8 31.9	27.5 35.4 43	37.6 45.8 56.1 65.9
注射速率(PS)	Injection rate	g/sec	194 259 333	194 259 333	253 324 395	298 363 421 495
塑化能力(PS)	Plasticizing capacity	g/sec	39 50 64	39 50 64	57 67 81	58 70 80 88
螺杆行程	Screw stroke	mm	280	280	310	330
螺杆转速	Screw speed	rpm	170	170	180	120
动力/电热 POWER UNIT						
油压系统压力	Hydraulic system Pressure	Mpa	17.5	17.5	17.5	17.5
油泵电机功率	Pump motor power	KW	22	22	30	37
加热功率	Heater power	KW	13.8	13.8	18	22
其他 GENERAL						
空循环时间	Dry-cycle time	Sec	2.5	3.0	3.2	4
油箱容量	Oil tank capacity	L	420	420	460	630
理论机重	Machine weight	Ton	7.5	8.2	10.3	15
外形尺寸	Machine dimensions(LxWx H)	m x m x m	5.8×1.4×2.1	5.9×1.53×2.2	6.8×1.62×2.3	7.2×1.65×2.3
模板正面尺寸 Platen Dimensions						
模板侧面尺寸 Platen Dimensions						
外型尺寸 Machine Dimensions						

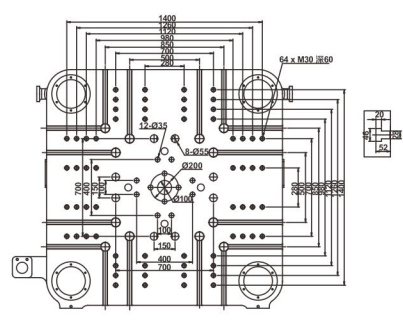
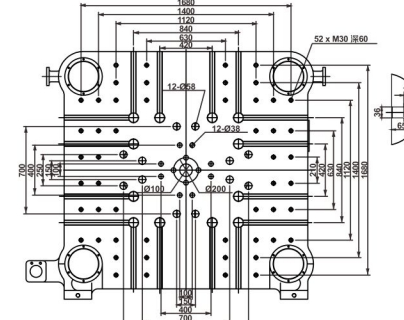
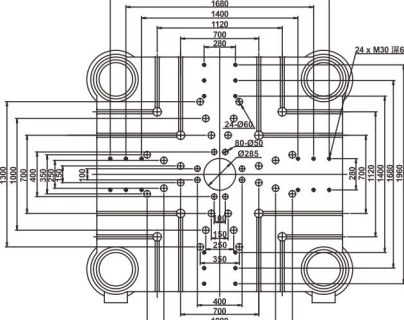
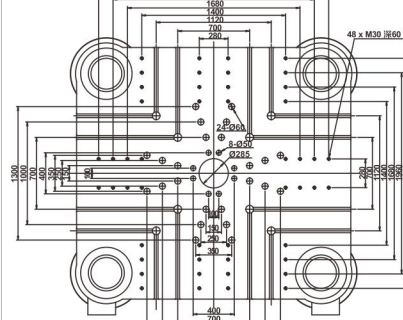
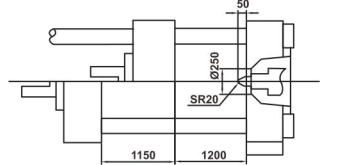
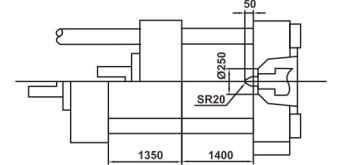
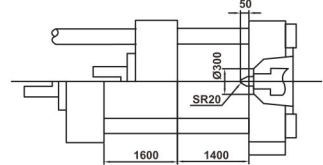
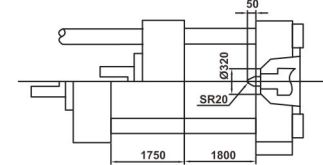
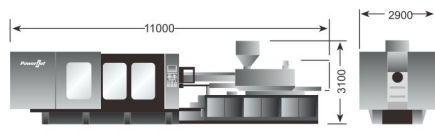
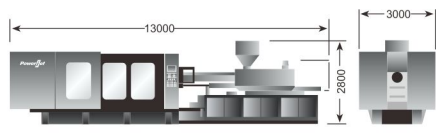
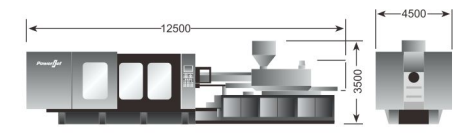
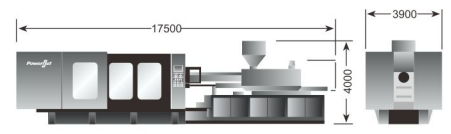
Parameter 参数表

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

说明	DESCRIPTION	单位UNIT	BJ-500V6/S6	BJ-560V6/S6	BJ-680V6/S6	BJ-850V6/S6
国际公认型号	International size rating		5000-3514	5600-3919	6800-5427	8500-6783
锁模单元 CLAMPING UNIT						
锁模力	Clamping force	KN	5000	5600	6800	8500
开模行程	Opening stroke	mm	830	860	930	1030
模板最大开距	Max.daylight	mm	1680	1740	1870	2080
模板外形尺寸	Platen size	mm x mm	1150×1120	1250×1220	1340×1340	1550×1500
导柱内距	Space between bars	mm x mm	820×780	860×860	930×930	1030×1030
最大模厚	Max.mold height	mm	850	880	940	1050
最小模厚	Min.mold height	mm	300	300	350	380
顶针行程	Ejector stroke	mm	220	240	265	300
顶出力	Ejector force	KN	135	135	184	290
注射单元 INJECTION UNIT						
螺杆直径	Screw diameter	mm	75 83 90 100	75 83 90 100	85 90 100	90 100 110
螺杆长径比 L/D	Screw L/D Ratio		21 21.8 20 19	21 21.8 20 19	23.5 22.4 20	23.6 21 19.3
注射压力	Injection Pressure	Mpa	204 167 142 115	204 167 142 115	213 190 154	227 184 152
理论注射容积	Shot volume	cm ³	1722 2110 2481 3063	1922 2354 2767 3416	2554 2863 3534	2990 3691 4467
实际注射量(PS)	Shot weight(ps)	g(克)	1533 1878 2208 2725	1715 2101 2470 3049	2273 2548 3146	2661 3285 3976
		OZ(盎司)	54 66.3 77.9 96.1	61 74 87 108	80 89.9 111	93.9 115.9 140.3
注射速率(PS)	Injection rate	g/sec	346 428 480 592	346 428 480 592	419 470 581	495 610 740
塑化能力(PS)	Plasticizing capacity	g/sec	68 80 88 94	68 80 88 94	69 86 94	73 87 108
螺杆行程	Screw stroke	mm	390	435	450	470
螺杆转速	Screw speed	rpm	120	130	135	120
动力/电热 POWER UNIT						
油压系统压力	Hydraulic system Pressure	Mpa	17.5	17.5	17.5	17.5
油泵电机功率	Pump motor power	KW	45	45	55 / 24.5+32.7	37+37 / 32.7+41
加热功率	Heater power	KW	28	38	38	42
其他 GENERAL						
空循环时间	Dry-cycle time	Sec	5.8			
油箱容量	Oil tank capacity	L	810	810	1000	1300
理论机重	Machine weight	Ton	18.5	23	26	36
外形尺寸	Machine dimensions(LxWx H)	m x m x m	8.7×2.1×2.3	9.0×3.4×2.5	9.1×2.4×2.5	10.5×2.6×2.7
模板正面尺寸 Platen Dimensions						
模板侧面尺寸 Platen Dimensions						
外型尺寸 Machine Dimensions						

Parameter 参数表

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

说明	DESCRIPTION	单位UNIT	BJ-1000V6/S6	BJ-1380V6/S6	DP-1680V6/S6	DP-2200V6/S6
国际公认型号	International size rating		10000-8362	13800-11756	16800-17275	22000-21860
锁模单元	CLAMPING UNIT		T型槽	T型槽	T型槽	T型槽
锁模力	Clamping force	KN	10000	13800	16800	22000
开模行程	Opening stroke	mm	1150	1350	1600-2300	1750
模板最大开距	Max.daylight	mm	2350	2750	3000	3550
模板外形尺寸	Platen size	mm x mm	1700×1700	2000×1950	2200×2100	2670×2450
导柱内距	Space between bars	mm x mm	1160×1160	1420×1280	1610×1450	1800×1650
最大模厚	Max.mold height	mm	1200	1400	1400	1800
最小模厚	Min.mold height	mm	500	600	700	850
顶针行程	Ejector stroke	mm	350	380	380	420
顶出力	Ejector force	KN	290	300	330	450
注射单元	INJECTION UNIT					
螺杆直径	Screw diameter	mm	100 110 120	110 120 130 140	130 140 150 160	140 150 160 170
螺杆长径比 L/D	Screw L/D Ratio		23 21 19.2	21 21 19.3 18.9	23.7 22 20.5 19.3	24 22 20.5 20.5
注射压力	Injection Pressure	Mpa	205 169 142	200 168 143 123	193 166 145 127	186 162 142 126
理论注射容积	Shot volume	cm ³	4084 4942 5881	5892 7012 8229 9544	8960 10391 11928 13572	11545 13254 15080 17024
实际注射量(PS)	Shot weight(ps)	g(克)	3635 4398 5234	5259 6258 7345 8518	7975 9248 10616 12079	10275 11796 13421 15151
		OZ(盎司)	128 155 185	186 221 259 301	281 326 375 426	362 416 473 535
注射速率(PS)	Injection rate	g/sec	671 812 966	975 1160 1362 1579	940 1090 1250 1423	1251 1436 1633 1844
塑化能力(PS)	Plasticizing capacity	g/sec	85 106 121	97 124 152 175	138 147 165 176	149 163 172 181
螺杆行程	Screw stroke	mm	520	620	675	750
螺杆转速	Screw speed	rpm	115	107	95	72
动力/电热	POWER UNIT					
油压系统压力	Hydraulic system Pressure	Mpa	17.5	17.5	17.5	17.5
油泵电机功率	Pump motor power	KW	55+37 / 49+41	37+37+37 / 49+41+41	55×2+15+7.5 / 32.7+41+41+11	55×3 / 41×4+14
加热功率	Heater power	KW	42	54	76	115
其他	GENERAL					
空循环时间	Dry-cycle time	Sec				
油箱容量	Oil tank capacity	L	1600	1800	2600	2800
理论机重	Machine weight	Ton	50	70	75	156
外形尺寸	Machine dimensions(LxWx H)	m x m x m	11.0×2.9×3.1	13.0×3.0×2.8	12.5×4.5×3.5	17.5×3.9×4.0
模板正面尺寸	Platen Dimensions					
模板侧面尺寸	Platen Dimensions					
外型尺寸	Machine Dimensions					

专用注塑机系列
Special Injection Molding Machine Series

PET 系列 瓶坯专用注塑机
Series 瓶坯专用注塑机
preform injection molding machine



KF 系列 高速薄壁专用注塑机
Series 高速薄壁专用注塑机
special injection molding machine
for thin-wall products



HPET 系列
Series 高速瓶坯专用注塑系统
high speed pet preform
injection system



PKF 系列 模内贴标生产系统
Series 模内贴标生产系统
in mold labeling production system



IBM 系列 Series **注吹专用注塑机**
injection & blow molding machine



SI 系列 Series **硅胶专用注塑机**
silicone injection molding machine



LD 系列 Series **全自动注拉吹中空成型机**
automatic injection & Stretch blow molding machine



BJM 系列 Series **多物料专用注塑机**
multic material injection molding machine



PB 系列 Series 制桶专用注塑机
 paint bucket injection molding machine



T 系列 Series 电木专用注塑机
 bakelite injection molding machine



FB 系列 Series 果框专用注塑机
 fruit basket injection molding machine



F 系列 Series 尼龙扎带专用注塑机
 injection molding machine for nylon ribbon



PVC 系列 Series PVC专用注塑机
 special injection molding machine
 for pvc/ppr fittin



PE 双壁波纹管承插口注射成型机
 special imm for double-wall corrugated pipe socket

