国际质量体系认证　3C认证标志　CE认证





振力全程无忧“钻石服务”

售前服务：热线咨询（产品及技术），可根据客户要求度身设计

售中服务:：提供产品安装调式服务，以及使用知识培训

售后服务：24小时维修服务，并提供产品升级或改造等其他服务

服务热线：13824743116（中国）

Trouble-Free Diamond Service

Pre-sales Service: Hotline inquiry about the machines, and we can design the machine according to customers’ requirements.

In-sales Service: Our engineers are available for installation, commissioning and training.

After-sales Service: Besides 24-hour services, we also provide you with support for update or modification.

Hotline: 0086 13302590675　WeChat /Whatsapp: +86 13302590675

江门市振力机械有限公司 JIANGMEN ZHENLI MACHINERY CO.,LTD.

地址：广东省江门市蓬江区棠下镇先进制造江沙示范园区

Add:No 50, Baotang road, Tangxia Town, Pengjiang District Jiangmeng City Guangdong Province, China.

电话Tel：86-750-7360858/7360855　传真Fax：86-750-7360818　E-mail:zhenli@jmzhenli.com　http://www.zszhenli.com

| 帆上告 13500146977 莫生

ZHENLI

振力压铸机

ZHENLI DIE-CASTING MACHINE



ZLC SERIES HIGH PRECISION

COLD CHAMBER DIE CASTING MACHINE

ZLC系列精密冷室压铸机

http://www.zszhenli.com

中国走向世界的国际品牌

A Famous Brand Goes Global from China



江门市振力机械有限公司位于中国摩托车生产基地之一——江门市先进制造业江沙示范园区，是一家集产品研发、设计、制造、营销、服务于一体的高新技术企业。始创于 2002 年，经过十多年的探索和发展，公司已拥有占地面积达 20000 平方米的现代化厂房和世界顶级的加工中心等先进加工设备。专业生产销售“ZL”系列热室压铸机，“ZLC”系列冷室压铸机、伺服节能压铸机、实时控制冷室压铸机、镁合金压铸机及其周边设备。

振力公司秉承“精益求精，铸就永恒”的经营理念和“开拓、创新、进取、共赢”的企业精神，一直注重技术突破和管理创新。凭借领先的技术、卓越的品质和科学的管理，振力生产的各种系列热室、冷室压铸机赢得中外客商的广泛信赖。广泛适用于玩具、家具用具、建材五金、工业零件、通讯、汽车零件、电子产品等行业，能满足各类型压铸件的生产技术要求。

振力公司技术力量雄厚，拥有专业的生产设备和高素质的产品研发和设计队伍。凭借先进的新技术，可靠的产品质量，优质的售前、售后服务。振力系列热室、冷室压铸机已成为中外压铸机市场的畅销品牌，其产品除遍布全国三十多个省市外，还远销欧洲、南美、非洲、中东及东南亚地区等五十多个国家，是中国出口压铸机最多的生产商之一。

振力专注，所以专业；振力专业，所以精益求精。为客户创造最大价值及最佳的投资回报，是振力存在的最大意义。未来，振力将在精密控制技术、自动化节能技术、产品持久性领域作更大投入，持续保证产品的先进和可靠性

振力压铸机——中国全面走向世界的国际品牌

Zhenli Die-casting Machine —— A Famous Brand Goes Global from China





Located in Jiangsha Industrial District of Jiangmen City, China’ s famous motorcycle production base, Jiangmen Zhenli Machinery Co., Ltd is a high-tech company specializing in R & D, design, production, and after-sale services. Since its foundation in 2002, after a decade’ s development and dedication, Zhenli has developed into a modern factory with imported CNC machining center, milling, planner, grinder, and other advanced equipment. The main products of Zhenli include “ZL” series of hot chamber die casting machines, “ZLC” series of cold chamber die casting machines, servo die casting machines, real-time control die casting machines, magnesium alloy die casting machines, peripherals, etc.

Adhering to the business philosophy of “Keeping Improvement and High Performance” and with faith in “Innovation and Integrity”, in pursuit of high quality, high reliability and high reputation, Zhenli always places emphasis on technology and management. Because of its advanced technology, high quality and effective management, Zhenli’ s hot chamber and cold chamber die casting machines have won the trust and love of our clients at home and abroad. Besides, our machines are widely applied in the sectors of toys, furniture, building materials and hardware, industrial parts, auto parts, motorcycle parts, electronics, etc. In a word, our machines can satisfy almost all kinds of production of castings.

By counting with professional equipment, a qualified R & D team and a stable performance and reliable quality of machines, Zhenli will provide excellent pre-sale and after-sale services. Therefore Zhenli has become a best-selling brand in the domestic and foreign markets. So far, in addition to 30 provinces and cities in China, Zhenli’ s die casting machines have been sold to more than 50 countries in Europe, South America, Africa, Southeast Asia and the Middle East, and the list continues.

COMPANY CERTIFICATE

公司证书 › › › 精益求精 · 铸造永恒



振力 ZHENLI

振力·中国梦

Zhenli · Chinese Dream

创世界品牌，服务全球经济

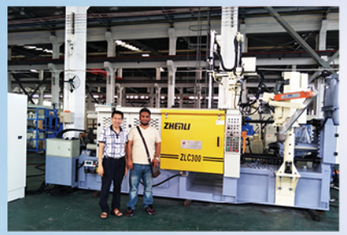
To Create A Globally Famous Brand, and to Service the World Economy

展望未来

—勇于挑战自我 挑战命运 要有不服输的精神—

振力·中国全面走向世界的国际品牌

Zhenli · A Famous Brand Goes Global from China



巴基斯坦客户验收机器

Pakistan customer acceptance machine



印度展会

India Exhibition



伊朗代理商

Iranian agent



南美代理商

South American agent



俄罗斯客户参观工厂

Russian customers visit the factory



乌兹别克斯坦客户试模

Uzbekistan customer trial



白俄罗斯客户在振力工厂验收设备

Belarusian customers inspect equipment at Zhenli factory



阿尔及利亚客户参观工厂

Algerian customers visit the factory



印尼客户参观工厂

Indonesian customers visit the factory

永不止步，是振力人的优良传统
经过不断的**发展**和**探索**

振力现已在业内拥有骄人的业绩
但我们不会满足，只有不断超越
才是振力人的真正理想！

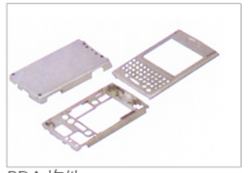
keep moving is the fine tradition of Zhenli staff.

After continuous development and exploration,
Zhenli now has made a splendid achievement.
But we will never satisfy.
To keep surpassing is the real ideal of Zhenli staff.

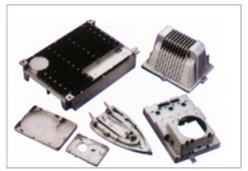
无限的可能性和创造性
Endless Possibility and Creativity

振力企业将开拓压铸机的未来
Zhenli is creating the future of die casting machines


手机构件
Mobile phone cover


PDA 构件
PDA Casting


一般铸件
General casting


一般铸件
General casting



With competitive technology and comprehensive strength, we present customer with the most suitable integrated die-casting equipments.

用高度的技术工艺和综合力
为用户提供整体的最适用的压铸设备



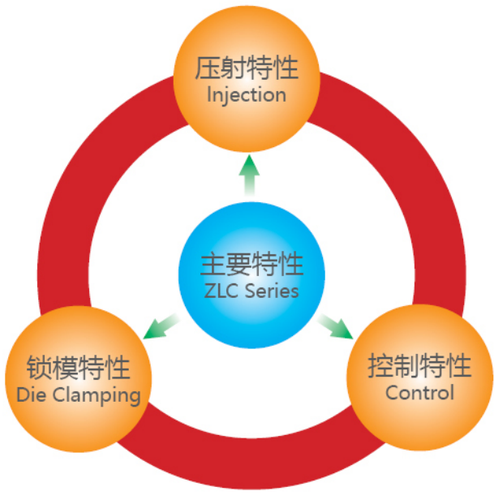
标准型精密冷室压铸机
Standard Cold Chamber Die Casting Machine

主要特性：

振力公司系列标准型冷室压铸机，以其按高水准设计及制造的高质量的压射、锁模和控制系统，奠定了在行业中技术领先的优势地位。

Main Features:

Zhenli series standard cold chamber die casting machines, with high quality injection，die clamping and control systems can meet the requirements of the world class level, which can secure Zhenli's leading position in the industry.



产品特点：

· 压射机构采用拉杆结构配以液压升降装置，广泛适用模具要求。
· 精心设计的压射系统采用独立的优质活塞式快速及增压储能器。
· 采用大口径的逻辑阀及精密流量控制阀，提高了压射反应和减低油压震荡，并提供精确的四段压射调较，压射参数范围宽，适应性强。
· 采用液压齿轮调模机构，操作简单，调节高拉力强度的导柱准确。
· 独特的快速锁模系统，生产效率更高。
· 机铰配备自动中央润滑系统，可独立调节润滑周期及油量，提高机械寿命及运行可靠性。
· 液压系统采用高性能，省电高低双联泵控制系统，节省能量及提高生产效益。

Product Features:

· Pull-bar structure and hydraulic lifting device are good for the mold.
· The exclusively designed injection system is equipped with piston-type fast speed and intensifier accumulators.
· Equipped with big-diameter logic valve and flow control valve, which can improve injection quality and keep the oil pressure stable.
· Hydraulic gear-type mold adjustment structure is easy for operation. And accwrate adjustment of guide post with high tensile strength
· Unique high speed die lock system helps to improve production efficiency.
· With automatic lubrication system, you can adjust the lubrication period and oil volume, which can lengthen the working life and improve operation reliabaility of the machine.
· Hydraulic system is equipped with high pressure and low pressure two pumps so as to save energy and improve efficiency.

压射：稳定的高性能压射系统
Stable and High-performance Injection System

主要特点：

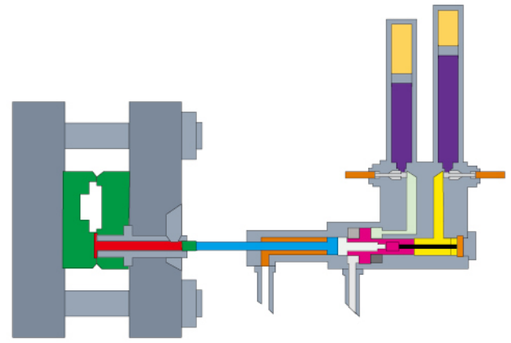
· 采用振力独特的压射系统，令压射更强劲，极大提高产品品质稳定性。
· 压射和增压储能器独立分开，压力独立调节，保证压射压力的稳定性。
· 压射采用四拉杆结构，更加稳定、可靠。
· 最大空压射速度≥ 8M/s, 增压建压时间≤ 20ms。

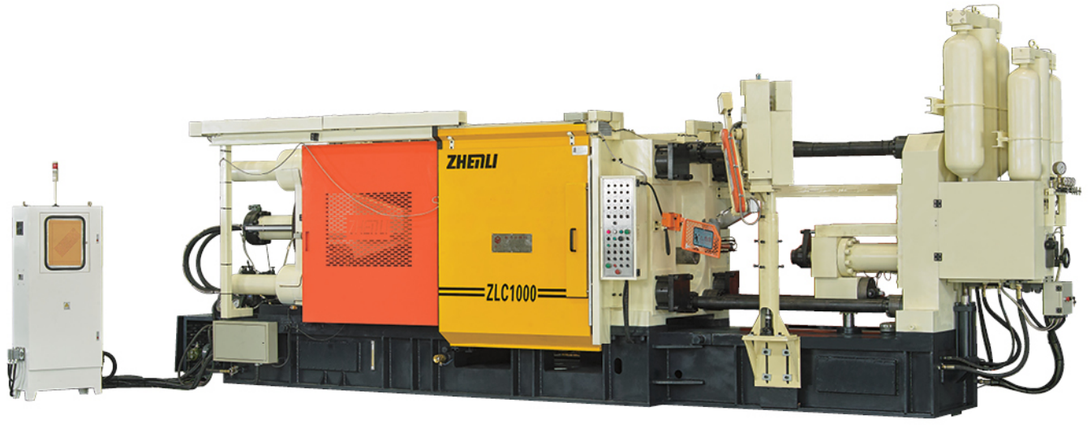
Main Features:

· Zhenli, s unique injection system makes injection more powerful and ensures the good quality of products.
· Pressure is set independently for injection and intensitier accumulator, to ensure the stability of the injection pressure.
· Injection system is in the structure of four bars, more stable and reliable.
· Maximum dry shot speed is more than 8m/s, and pressure building time is less than 20ms.

· 低速段：可进行精确控制，避免空气卷入起藏气问题。
· 高速段：可迅速达至高速，有效控制填充时间及铸件成型效果。
· 增压段：可按工艺改变增压速度，加强铸件密度而不引起变形。

· Slow Speed Phase: speed can be controlled precisely, and air trap and porosity problem can be well avoided.
· High Speed Phase: desired high speed can be easily reached, and filling time and forming of the casting can be effectively controlled.
· Intensification phase： intensification speed can be changed if needed, which can enhance the density of the casting but will not cause distortion.





锁模：耐用高效的锁模机构
Durable and Efficient Die Clamping System

主要特点：

· 双曲肘机铰锁模机构，高强度的球墨铸铁模板配以 CNC 精密加工，坚固耐用。
· 高拉力合金钢导柱，耐用可靠。
· 高精度电子尺位首检测，精确控制锁模行程。
· 机械式曲肘自动润滑，提高耐磨性。
· 液压齿轮调模机构平稳。
· 独立可调的开模备压系统（需选购定制）。

Main features:

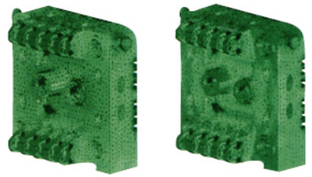
· In double-toggle Clamping Structure, the nodular cast iron platens are processed by CNC, solid and durable.
· The high-strength steel tie bars are durabie and reliable.
· High-precision Electric ruler can measure and control the die clamping stroke precisely.
· Automatic lubrication toggle mechanism can improve abrasive resistance.
· Hydraulic gear-type die adjustment mechanism secures smoothness.
· Equipped with an independent and adjustable die open pressure building system(optional).

新型整体模板

刚性好
采用优质的球墨铸铁，刚性及耐磨性显著提升
运用有限元软件优化设计，应力分布合理，有效提升铸件质里。

强度局
优化设计的高强度开模锁模机构，耐冲击，寿命长。

效率高
振力独特的特快锁模技术，有效缩短生产周期。



位移分析
Disolacement Analysis

应力分析
Stress Analysis

Newly Designed Platens

High Rigidity
Made of high quality ductile casting iron, the platens possess good rigidity and abrasive resistance.
The advanced FEA software ensures reasonable stress distribution and precise die clamping.

High Strength
The die clamping system can meet the requirements of high-speed equipment, which can make a long working life.

High Efficiency
Zhenli' has unique die clamping technology which helps to improve productivity.

控制：功能完善的压铸控制系统
Powerful Die Casting Machine Control System

主要特点：

· 采用西门子 S-7 200 人工智能控制系统，可控制及监视每个动作的数据和状态，方便操作和检修。
· 大屏幕液晶显示，中、英、俄、葡萄牙语等多种语言转换。
· 强大记忆功能，可储存模具成型资料，如时间、参数、速度、压力、行程、模具厚度、选择条件等。
· 拥有电脑硬件故障自检报普功能及机械故障报警显示功能，便于排除机器故障。
· 锁模采用高精度电子尺定位检测，位置控制精度可达 0.1 mm。

Main Features:

· The Siemens-7 200 intelligent control system can control and monitor the data and status of each action, easy for operation and maintenance.
· The big LCD screen can realize the conversion of multiple languages, such as Chinese, English, Russian, portuguese and so on.
· Its powerful memory can store molding data, such as time, parameter , speed, pressure, stroke, mold thickness, options and so on.
· The control system is equipped with self-check and failure alarm function, which is convenient for troubleshooting.
· Die clamping system is equipped with electric ruler which is used for position test, and the accuracy can be reached 0.1 mm.



节能技术超强突破—ZLC 系列伺服压铸机

Energy-Saving Technology--ZLC Series Servo Die Casting Machine

伺服节能技术是压铸机领域液压驱动技术的一项重大突破，利用伺服电机快速的无极变速，驱动器的双闭环控制的特点，通过改变电机转速实现相 应的流呈，通过输出不同的转矩做出压力调赘，从而达到重复精度高，响应速度快，节能效果好。

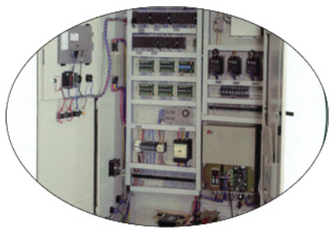
Energy-saving servo technology is an important breakthrough in the field of die casting machine hydraulic drive. By means of the drive's double close loops, we can use the servo drive to change speed quickly, so as to realize the change of flow correspondingly. Moreover, the pressure can be adjusted automatically through the output of different torques, which helps to achieve high accuracy, high response and good effect.

比传统压铸机节能 40%-70%
Energy saving rate is 40%-70% higher

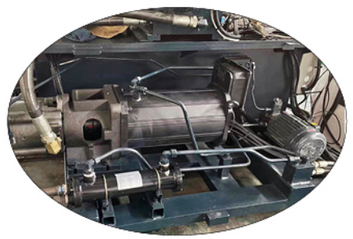
提高生产效率 4%-15%
Productivity is 4%-15% higher

· 单模次节能率高，比传统压铸机节能 40%-70%。
· 伺服系统响应速度快，0%-100% 压力变化最快可达 30ms, 提高生产效率 5%-12%。
· 降低液压油温，减少冷却水的用量 30% 以上，提高液压元器件的寿命，减少维修率，降低噪声，改善工作环境。

· The energy saving rate of each shot is very high, 40%-70% higher than the traditional machines.
· Servo system can response quickly, and the pressure change between 0 and 100% can reach 30ms, which can improve productivity by 5% - 12%.
· Servo system can lower the hydraulic temperature and then reduce the use of cooling water by 30%, which can prolong the working life of hydraulic parts, reduce the noise and improve your working environment.



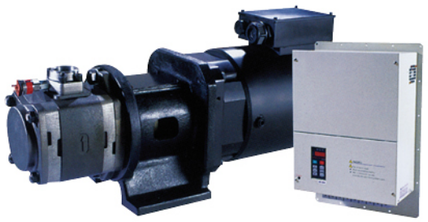
伺服驱动系统
Servo Driven System



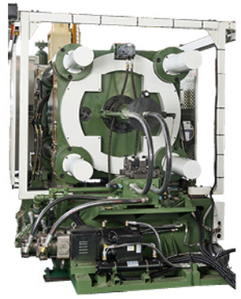
油冷式伺服系统
Oil Cooled Type Servo System



油冷式液压伺服系统
Oil Cooled Type Hydraulic Servo System



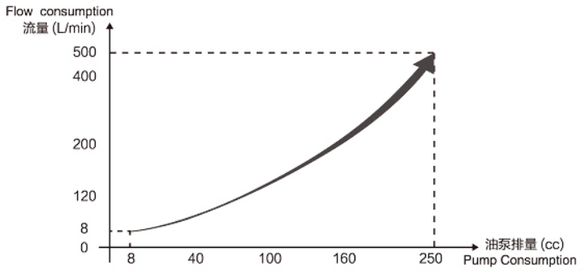
油冷散热方式 - 环境适应性强
Oil Cooling Method--Environmentally Adaptable and Friendly



油冷式伺服泵
Oil Cooled Type Servo Pump



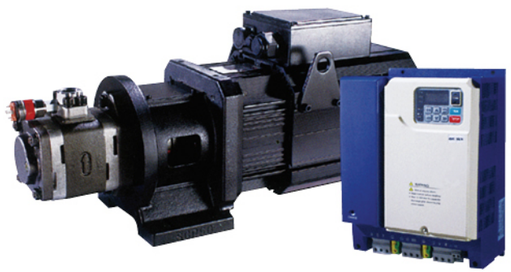
伺服控制系统
Servo Control System



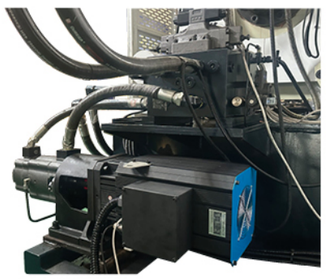
摩特尼系统单泵流量 8L/min 到 500Umin
最大压力从 70bar 到 350bar
摩特尼系统提供多样化的压力和流量组合
更适应各行业设计者的使用要求和工艺需求

The flow of single pump is between 8L/min and 500L/min.
The Max pressure is between 70bar and 350bar.
The system provides comprehensive groups of pressure and flow.
Meets the requirements of designers in all walks of life.

风冷式液压伺服系统
Air Cooled Type Hydraulic Servo System



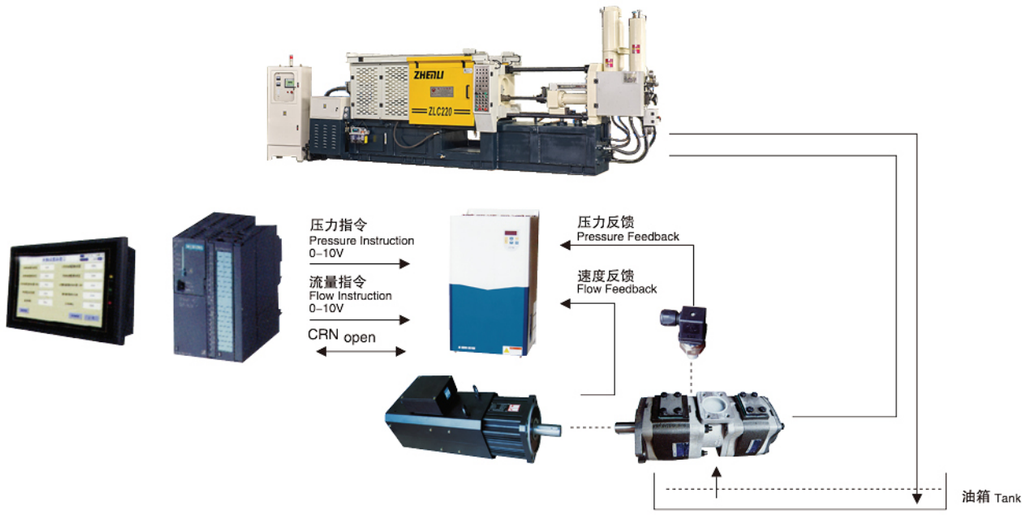
风冷式散热方式一效率高，外观好
Cooling Method--High Efficiency and Good Looking



风冷式伺服泵
Air Cooled Type Servo Pump

伺服驱动系统
Servo Driven System

单泵伺服驱动系统
双联泵伺服驱动系统
Single Pump Servo Driven System
Double Pump Servo Driven System





单泵
Single Pump



双泵
Double Pump



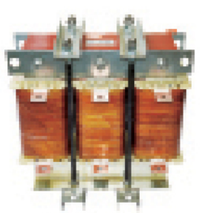
电机
Motor



压力传感器
Pressure Sensor



驱动器
Driver



电抗阻
Reactance



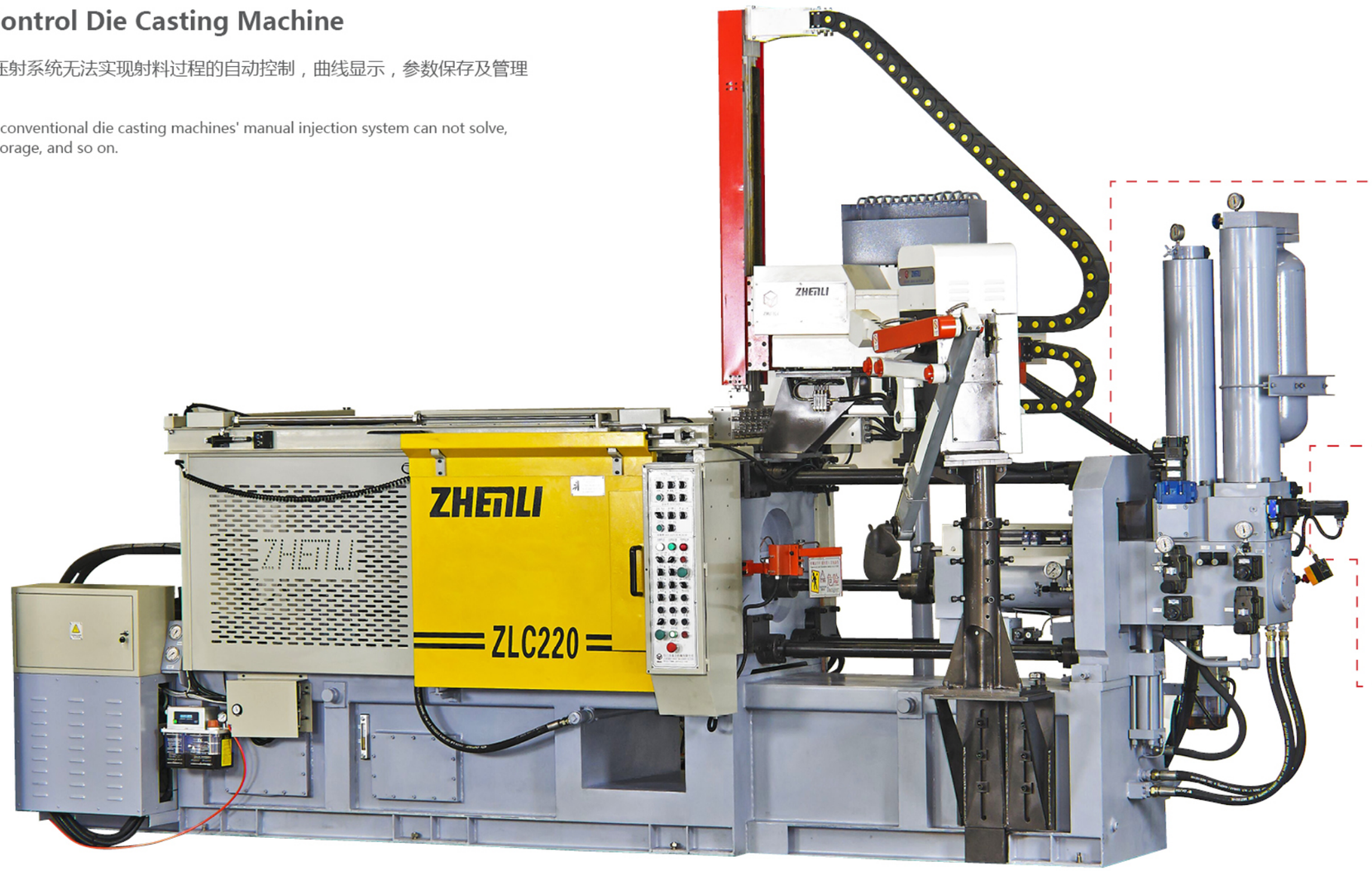
刹车电阻
Brake

高性能精密数字控制压铸机
High-Performance and Digital Control Die Casting Machine

精密数字控制压铸机是针对传统的压铸机手动调节压射系统无法实现射料过程的自动控制，曲线显示，参数保存及管理开发的一种高性价比自动化解决方案。

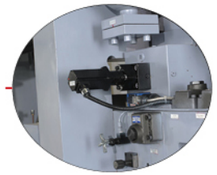
Digital control is a good solution to those problems which conventional die casting machines' manual injection system can not solve, such as automatic control, curve display , and parameter storage, and so on.







快速数控调节器
High Speed Digital Adjuster



一速数控调节器
First Speed Digital Adjuster



增压数控调节器
Intensifier Digital Adjuster

主要特点：

· 射料参数的自动控制功能
用户通过人机界面设定射料参数，系统根据设定值自动调节射料位置，速度和压力。
· 射料曲线显示功能
以 1ms 采样周期完成对压射位置，压射速度和压射压力的数据采集，储存，显示分析，管理和报警功能，具有精确测量曲线，历史曲线储存和查询，标准曲线对比显示，重叠显示等功能。
· 射料参数的自动提取、显示和统计分析功能
显示的射料参数包括：慢压射速度，快压射速度，快压射行程，充型时间，建压时间，增压压力，循环时间。
· 数字控制功能
用户直接设定压射速度，控制器根据对压射工艺参数的分析自动调整，“插装阀数控调节器”使实际压射速度与用户设定值一致。

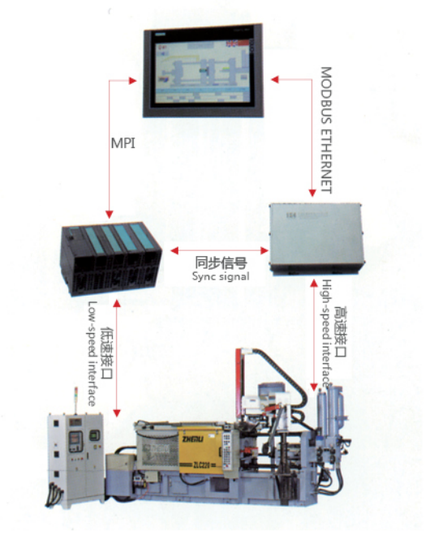
Main Features:

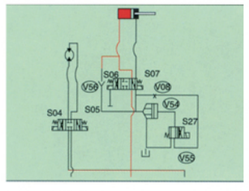
• Automatic control function of the injection parameters
Users can set injection parameters on the Human Machine Interface, and then the injection system will automatically adjust the injection position, speed and pressure .
• Injection curve display function
The system can finish collecting data of injection position, speed and pressure within one minute, and then analyze those data. Besides, the system also have the function of accurate quality curve, curve history, standard curve comparison, curve overlap display, and so on.
• The automatic extract, display and analysis of the injection parameter function
Those parameters displayed on the touchscroon include: slow injection speed, fast injection speed, fast injoction stroke, molding time, building pressure time, and cycle time.
• Digital control function
Users can set injection parameter directly, and then the digital controller will adjust the injection parameters automatically after analysed. Furthermore, the cartridge valve can keep the actual injection speed the same as your setting.

高性能精密数字控制压射系统
High-Performance and Digital Control Injection System

新一代压铸机数字控制系统由四个部分组成：运行于人机界面上的Gast Graph射料测控软件，RTDC数据采集控制器，插装阀数控调节器，传感器等。

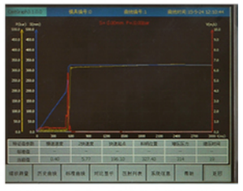
The digital control system of the new generation of Zhenli die casting machine consists of four parts, namely Gast Grape shot monitoring software which is used on the HMI, RTDC data collecting controller, digital controller, sensor, etc.





特快锁模技术

Fast Die Clamping Technology



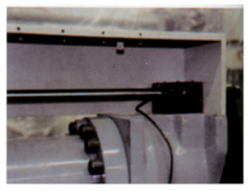
高精确压射曲线的显示以及在线品质管理和统计

Accurate Injection Curve Display and Online Quality Management and Analysis



压铸工艺参数设定及监控，确保压铸件的生产质量

Casting Parameter Setting and Monitoring , to Ensure Castings' Quality



采用无接触式压射行程传感器，提高可靠性

Non-touch Injection Stroke Sensor Secures Reliability

振力致力于创新和开拓，不断推出新机型，通过采用全数字化控制方案，与传统手轮相比，具有更高的调节精度，重复性和性价比，提高了压 铸机的自动化水平和压射过程的稳定性。

Zhenli is commite to innovation and exploitation with the aim to create new models. By means of digital control system, compared with the conventional handwheel, our machines possess high precision, high repetition and cost-effectiveness, which improves machines' automation level as well as the stability in the process of injection.

升级的压射 / 控制系统（选配）
Updated Injection and Control System （optional ）

先进的高性能压射系统

- 快压射及增压采用精密电比例阀，方便调节，重复性高。
- 快压射速度及位置转换控制精确，反应迅速。
- 压射行程采用非接触式磁栅尺检测，可靠性高，靖确度达 0.1mm, 快速起始位置精准。
- 压射控制和增压控制回路各自独立，互不影响，储能速度快。
- 最大空压射速度⩾ 8m/s, 建压时间⩽ 20ms。

先进的控制系统

- 采用性能优异的西门子 S-7 300 PLC 和 12 寸彩色大屏幕
- 配置先进的嵌入式压射曲线显示装置，齐全的操作功能，
- 丰富的参数监控制作画面，流畅的数据通讯，操作方便快捷。
- 速度与位置的自动化设置，具有智能化生产概念。
- 详细的压射曲线显示。
- 生产管理，有助于提离效率及管理成本。

Advanced and High-performance Injection System

- Fast injection and intensifier pressure system is equipped with precise electric proportional valves, easily adjusted and rapid response.
- Fast injection speed and position can be changed and controlled precisely.
- Injection stroke is measured by non-touch sensor reliably and the accuracy can be reached 0.1mm, while the high speed starting point is very precise.
- The injection and intensifier pressure systems control the return circuit independently, which ensures the high speed of energy storage.
- The maximum dry shot speed is faster than 8m/s, while the intensifier pressure building time is leas than 20ms.

Advanced Control System

- High quality S-7300 PLC, 12 inches color screen and embedded injection curve display device which provides comprehensive functions.
- Rich supply of data and monitoring screens, adding smooth data address are convenient for operation.
- Speed and position can be set automatically, which realizes intelligent production.
- Detailed injection curve display
- Production management helps to improve efficiency and to reduce production cost.

辅助的软件系统（选配）
Auxiliary Software System (Optional)

专业的控制系统

- 直接监测压铸机动作，实现最佳的设定
- 内置强大的 Castpuise 压射曲线监测
- 实时监控工艺参数，控制压铸质量
- 批量生产，工艺数据存储功能，便于品质追踪。

远程监控系统

- 工程人员可通过互联网远程连接异地客户现场生产机台
- 远程实现机台程序监控，修改与在线诊断，
- 可在网络上为客户解决疑难问题和程序问题。

Professional Control System

- Monitors each action of the machine directly, which optimizes the set parameters.
- Equipped with a powerful Castpuise injection curve monitor.
- Real-time casting parameter control, casting quality control
- Massive production, storage of casting data, convenient for quality check

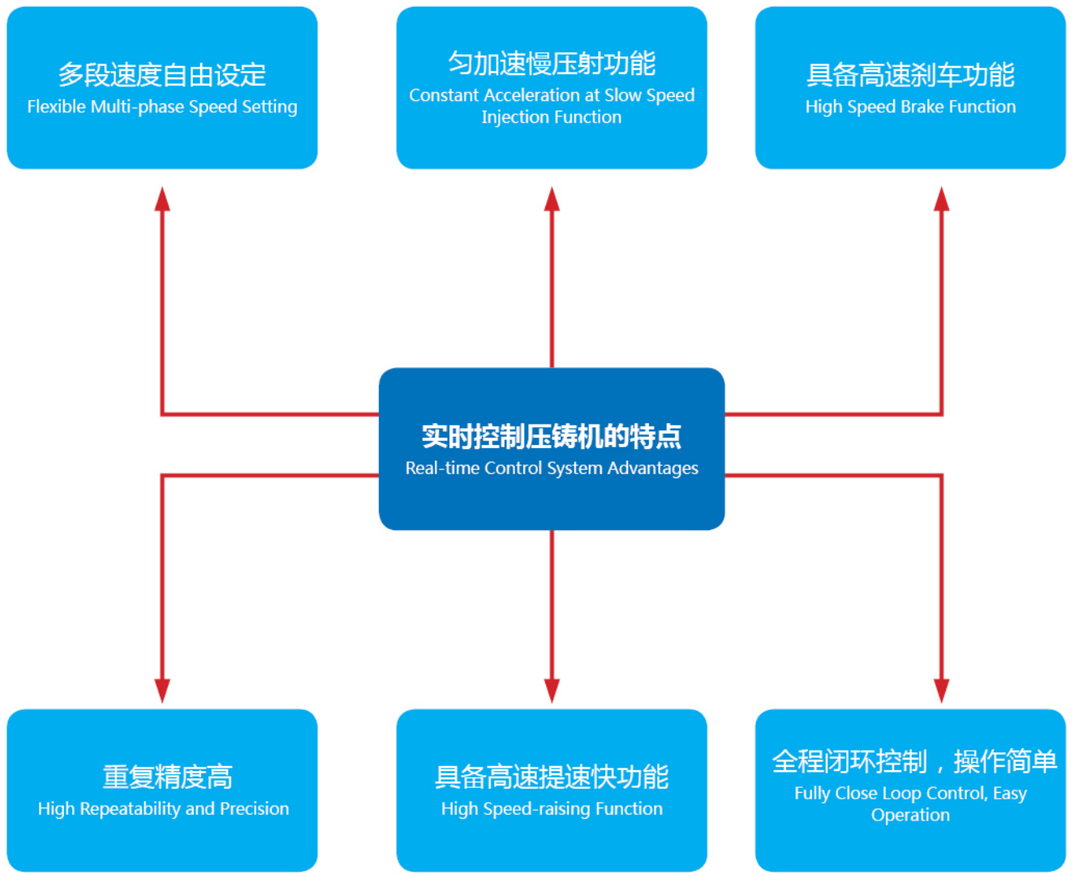
Remote Monitoring System

- Engineers can connect the overseas customers' machine on the Internet.
- Monitor and modify the machines' production process, and troubleshooting online
- Solve problems for oversea customers online.

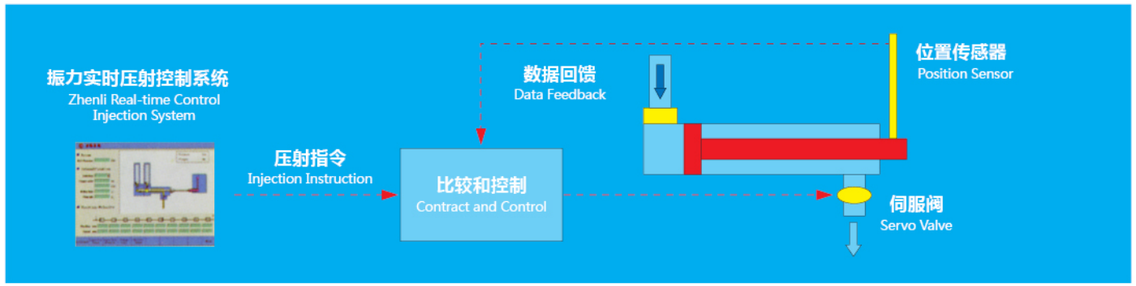
实时控制冷室压铸机
Real-Time Control Cold Chamber Die Casting Machine

振力是中国将实时控制技术应用于压铸机上的企业之一，振力精心研发的嵌入式实时集成控制系统除具有曲线显示功能外，配合大流量时电液伺服阀实现对压射速度的实时反馈精准控制，提供多段压射速度控制曲线，加上在低速段具备匀加速，分段功能以及快压射充填完结的刹车等功能，提供给用户强劲完美的压射控制技术，适用于各种复杂高质量的压铸件。

Zhenli is one of the enterprises which can apply real-time control technology to die casting machines. In addition to the curve display function, Zhenli's well developed embedded real-time control system is also equipped with big- flow electrohydraulic valves, which can feedback the injection speed precisely. The provision of injection speed control curve in different phases, constant acceleration function in low-speed phase, brake function in fast injection phase, all those can provide customers with powerful die casting machines with advanced technology. And my die casting machines can satisfy all kinds of production of casting parts.



实时控制原理
The Principle of the Real-time Control



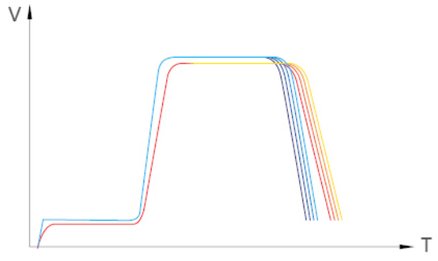
实时控制系统的完美压射性能 Perfect Injection Performance of the Real-time Control System

- 大幅度提高跟踪精确性和稳定性
- 伺幅阀集成控制电路升级改进，工作过程更稳定
- 增加系统故障诊断功能
- 信号反馈系统结构升级，检测元件工作寿命长
- 实时控制功能可设定“启用”或“关闭”
- 多重措施解决启动冲击和入口压力不稳定
- 更多参数监控，增强品质管理功能

- Greatly improve tracking accuracy and stability
- Upgraded servo valve and integrated control circuit, and stable operation
- Added troubleshooting function
- Upgraded signal feedback system can extend the working life of components
- The real-time function can be set “ON” or “OFF”.
- Multiple solutions to unstable inlet pressure
- More monitoring parameters, and improved quality management function

主要特点

- 在低速段可实现“匀加速控制”，大大减少空气卷入熔化金属内，极大提升铸件质量。
- 可实现 10 段速度绝对值控制，在闭环控制下，在高速段也可以实现速度实时控制，使压射工艺可以更灵活的实现，解决各类填充困难。
- 利用闭环，在填充接近完成时进行刹车控制，减少飞边的问题，延长模具寿命。
- 利用闭环控制减少外来因素对压射速度的影响，从而提高重复性，铸件质量控制大大提高。



Main Features:

- The constant acceleration in the slow-speed phase can be achieved, which can reduce the air in the melting furnace, and improve the quality of castings greatly.
- Under the control of the close loop, real-time control can be also achieved in the high-speed phase, which can make injection process flexible and can help solve all kinds of filling problems.
- Taking advantage of the real time close loop control, the system can reduce the speed when filling nearly comes to the end. Therefore, the flash problem can be solved and working life can be lengthened.
- The close loop control system can reduce the impact which the external factors make on the injection speed so as to improve repetition and the quality of the castings.

参数表 Technological Data

	项目 Items	单位 UNIT	ZLC-88	ZLC-130	ZLC-160	ZLC-220	ZLC-300	ZLC-450	ZLC-550	ZLC-700	ZLC-800	ZLC-900
DIE CLAMPING SYSTEM 锁模系统	锁模力 Clamping Force	kN	880	1350	1600	2200	3000	4500	5500	7000	8000	9000
	锁模行程 Die Clamping Stroke	mm	270	350	380	400	460	550	580	650	760	760
	顶出力 Ejection Force	kN	57	110	110	120	150	190	240	315	315	360
	顶出行程 Ejection Stroke	mm	60	85	85	100	110	125	130	155	180	190
	模具厚度（最小—最大） Die Height (Min-Max)	mm	150-350	200-500	200-550	200-600	250-650	300-800	350-850	350-850	400-950	400-1000
	模板尺寸（水平 x 垂直） Die Platen Size (H x V)	mm	535×540	650×660	680×720	755×760	860×875	1000×1020	1160×1190	1255×1280	1400×1438	1470×1500
	哥林柱内距 Space Between Tie Bars	mm	360×360	429×429	460×460	510×510	560×560	650×650	760×760	800×800	910×910	960×960
INJECTION SYSTEM 压射系统	射料位置 Shot Position	mm	0, -60	0, -100	0, -70, -140	0, -125	0, -125	-125, -185	0, -220	0, -250	0, -250	0, -250
	射料行程 Shot Strock	mm	290	340	350	400	440	520	580	650	760	760
	压射力（增压） Casting Force (Intensify)	kN	100	180	270	288	330	450	530	590	680	775
	锤头直径 Plunger Diameter	mm	30, 35	40, 50, 60	40, 50, 60	50, 60, 70	50, 60, 70	60, 70, 80	70, 80, 90	80, 90, 100	80, 90, 100	80, 90, 100, 110
	射料量（铝） Injection Weight (Aluminum)	kg	0.4, 0.6	0.7, 1.15, 1.65	0.8,1.3,1.8	1.35, 1.95, 2.65	1.5, 2.1, 2.9	2.8,3.7,4.8	4.2, 5.5, 6.9	6.0, 7.8, 9.5	7.1, 9.0, 11.2	7.1, 9, 11.2, 13.5
	铸造压力（增压） Casting Pressure (Intensify)	MPa	138, 102	141, 90, 62	214, 137, 95	147, 102, 87	170, 118, 87	150, 110, 84	138, 107, 85	117, 92, 75	135, 106, 86	154, 121, 98, 81
	铸造面积 Casting Area	cm^2	63, 86	90, 140, 205	74,116,167	149, 215, 252	172, 252, 343	300, 409, 535	400, 520, 647	596, 754, 931	591, 748, 924	583, 738, 912, 1103
	最大铸造面积（40MPa) Max Casting Area(40MPa)	cm^2	220	325	400	550	750	1125	1375	1750	2000	2250
	压射室法兰直径 Chamber Flange Diameter	mm	85	110	110	110	110	101.6	130	150	200	200
	压射室法兰凸出定板高度 Height Of Pressure Chamber Flange	mm	10	10	10	10	10	12	15	15	20	20
	压射冲头推出距离 Plunger Penetration	mm	80	115	130	135	165	200	230	290	295	300
OTHERS 其它	主泵电机功率 / 伺服电机功率 Main Pump Driving Motor/Servo Motor	kW	7.5/19	11/19	15/22	15/22	18.5/30	22/45	30/55	37/55	45/55	45/55
	系统工作压力 Hydraulic Working Pressure	MPa	13	14	14	14	14	14	14	14	14	14
	油箱容量 Oil Tank Capacity	L	300	480	520	550	750	850	1100	1200	1400	1500
	机身外型尺寸（长 X 宽 X 高） Machine Dimensions (L×W×H)	mm	4100×1320×2550	4100×1320×2550	5500×1400×2500	5700×1500×2600	6500×1700×2700	7300×1900×2800	7500×2000×3100	7580×2060×3150	8600×2600×3400	9270×2600×3500
	机器吊装参考重量 Referential Machine Weight For Uplifting	T	3.5	6.5	7	8.4	11.8	18.2	24.5	30	38	46

参数表 Technological Data

	项目 Items	单位 UNIT	ZLC-1000	ZLC-1300	ZLC-1600	ZLC-2000	ZLC-2500	ZLC-3000	ZLC-3500	ZLC-4000	ZLC-4500
锁模系统 DIE CLAMPING SYSTEM	锁模力 Clamping Force	kN	10000	13000	16000	20000	25000	30000	35000	4000	45000
	锁模行程 Die Clamping Stroke	mm	880	1000	1200	1400	1500	1500	1600	1800	1900
	顶出力 Ejector Force	kN	500	580	570	650	750	900	900	1000	1000
	顶出行程 Ejector Stroke	mm	200	200	250	300	300	300	300	350	400
	模具厚度（最小—最大） Die Height (Min-Max)	mm	450-1150	450-1200	500-1400	650-1600	750-1800	800-2000	850-2000	900-2100	900-2200
	模板尺寸（水平 x 垂直） Die Platen Size (H x V)	mm	1620×1620	1740×1740	1980×1980	2150×2150	2350×2350	2620×2620	2780×2780	2900×2900	3000×3000
	哥林柱内距 Space Between Tie Bars	mm	1030×1030	1100×1100	1250×1250	1350×1350	1500×1500	1650×1650	1750×1750	1850×1850	1950×1950
压射系统 INJECTION SYSTEM	射料位置 Shot Position	mm	0, -300	-160, -320	-175 , -350	-175, -350	-200, -400	-250, -450	-300, -600	-300, -600	-300, -600
	射料行程 Shot Strock	mm	820	880	930	960	1050	1180	1400	1400	1600
	压射力（增压） Casting Force (Intensify)	kN	870	1080	1285	1500	1700	2110	2410	2410	2980
	锤头直径 Plunger Diameter	mm	90-120	100-140	110-150	130-170	140-180	150-190	160-200	160-200	180-220
	射料量（铝） Injection Weight (Aluminum)	kg	9.5 , 11.7 , 14.2 , 17	13, 12.5	16.6-30.8	23.9-40.8	30.3-50.1	39.1-62.7	52.7-82.4	52.7-82.4	76.3-114.0
	铸造压力（增压） Casting Pressure (Intensify)	MPa	138-77	138-70	137-73	113-66	110-66	119-73	120-77	120-77	117-78
	铸造面积 Casting Area	cm^2	730-1305	910-1785	1165-2190	1769-3030	2270-3785	2520-4110	2910-4540	3330-5190	3850-5770
	最大铸造面积（40MPa) Max Casting Area (40MPa)	cm^2	2500	3250	4000	5000	6250	7500	8750	10000	11250
	压射室法兰直径 Chamber Flange Diameter	mm	240	240	260	260	280	280	320	320	340
	压射室法兰凸出定板高度 Height Of Pressure Chamber Flange	mm	20	25	25	30	30	30	35	35	35
	压射冲头推出距离 Plunger Penetration	mm	300	325	360	400	450	530	600	600	700
其它 OTHERS	主泵电机功率 / 伺服电机功率 Main Pump Driving Motor/Servo Motor	kW	55	74	90	110	135	165	220	220	220
	系统工作压力 Hydraulic Working Pressure	MPa	16	16	16	16	16	16	16	16	16
	油箱容量 Oil Tank Capacity	L	2300	2350	3000	3300	3700	4600	4800	5100	5500
	机身外型尺寸（长 X 宽 X 高） Machine Dimensions(L x W x H)	mm	10950×3300×3950	11000×3500×4350	11660×4570×4590	12730×4740×4750	13650×5030×5080	14970×5290×5190	15800×5390×5290	16500×5450×5390	17300×5570×5420
	机器吊装参考重量 Referential Machine Weight For Uplifting	T	70	90	110	135	195	235	260	285	300



模温机
Mold Temperature Controller



柱塞颗粒机
Plunger Particle Machine



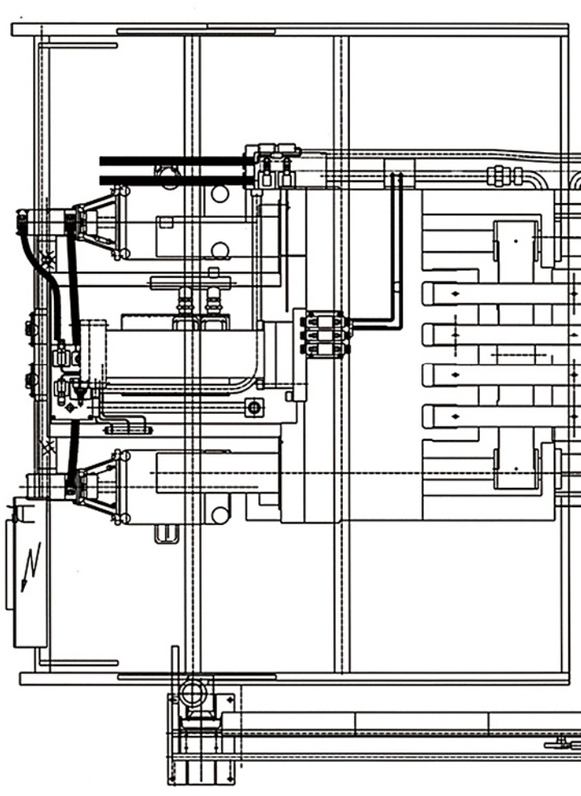
离型剂混合机
Releasing Agent Mixer

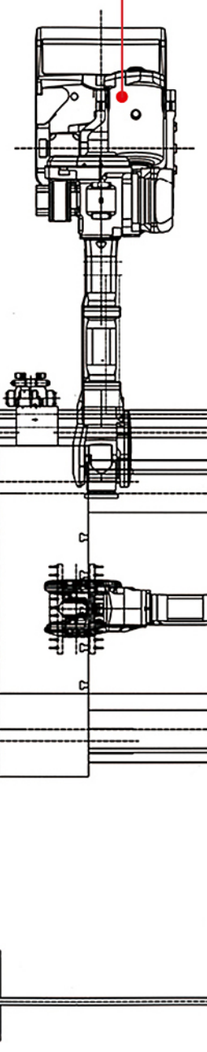


不锈钢传输带
Stainless Steel Conveyor



切边机
Hydraulic Trimming Machine





智能机器人 - 为您提供高效灵活的自动化解决方案
Intelligent Robot-Offering You Flexible and Automatic Services



Kawasaki Robot 机器人



ABB Robot 机器人



FANUC Robot 机器人



自动取件机
Auto Extractor



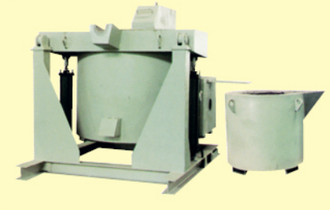
单臂伺服喷雾机
Single arm servo sprayer



五连杆给汤机
Five-Point-Linkage Type Auto Ladle Machine



定量保温炉
Ration Furnace



可倾倒式集中深解炉
Tiltable Centralized Melting Furnace

冷室压铸机周边设备系列
Peripheral Equipment Series of Cold Chamber Die Casting Machine

为了节省人力提高生产效率，振力企业致力于开发各种周边设备，设计了安全、可靠的最新装置。
To save manpower and improve productivity, Zhenli is dedicated to the development of all kinds of peripheral equipment, and has designed lots of latest and relianble devices.

五连杆式给汤机
- 五连杆式给汤机机构，双包络涡轮蜗杆传动，平稳都高；
- 整机精确度高；
- 可随时平稳刹车；
- 独立变频器控制，操作简单；
- PLC 控制，故障码显示，维修方便：



Five-Point-Linkage Type Auto Ladle Machine
· In five linkages stmcture, this ladle machine is driven by double gears, stable and efficient.
· The arm can be stopped smoothly even when working at a high speed.
· Controlled separately by inverters, easily operated.
· The electrical components are controlled by PLC. and are equipped with an alarm system.

单臂伺服喷雾机
- 模组喷头雾量可单独定量调节，动定模喷雾各 3 路控制
- 动定模配置有独立吹气
- 可在 Y 轴任意点停留做定点或往复喷雾和吹气
- Y 轴伺服电机传动，启停速度快、定位准确、运行可靠
- X 轴电机变频控制，可移动底座调模



Single Arm Servo Sprayer
· The spraying volume of module spray head can be adjusted separately，3 roads controll of fixed and movable mold.
· Fixe and movable mold can blow separately.
· This machine can stop at any position on X axes and Y axes for sraying and blowing.
· Y axes driven by servo motor，start and stop quickly，working stably and precisely.
· X axes Driven by converter motor，can move the stand to adjust the mould.

暖气片专用伺服喷雾机
- 雾化特效好，专用于暖气片
- 动定模配置有独立吹气
- 可在 Y 轴任意点停留做定点或往复喷雾和吹气
- Y 轴伺服电机传动，启停速度快、定位准确、运行可靠
- X 轴电机变频控制，可移动底座调模



Servo Sprayer Special For Radiator
· Good atomization effect, special for radiator.
· Fixe and movable mold can blow separately.
· This machine can stop at any position on X axes and Y axes for sraying and blowing.
· Y axes driven by servo motor，start and stop quickly，working stably and precisely.
· X axes Driven by converter motor，can move the stand to adjust the mould.

双臂伺服喷雾机
- 喷霉工序完全免去工人手动操作，与压铸机生产紧密结合。
- X 轴和 Y 轴驱动电机采用伺服控制，位移精准、灵活快速。
- 配置自动润滑系统，减少维护和延长使用寿命。
- 喷头使用伺服喷嘴。

Servo Sprayer
· Totally autorratic working, and pertect match with the die casting machine
· X- axis and Y-axis are driven by servo, precise, flexible and fast.
· Equipped with automatic lubrication system, which can reduce maintenance and prolong its working life.
· Nozzles are also servo.



自动取件机
- 手臂回转 90 度，不影响换模空间。
- 夹取位置点准确，夹径尺寸可随铸件实际大小调整。
- 可以选取手臂前进等待功能，使夹取速度加快，增加成品生产速度。



Auto Extractor
· Its arm can rotate 90 degree, which leaves enough space for mold change.
· The picking point is precise, and the hand diameter can be set according to the size of castings.
· You can choose such functions as arm forward, which can raisa the fetching speed and improve productivity.

不锈钢传送带
- 耐高温：不锈钢传送带能够承受高温环境下的输送需求，同时还能保持稳定性和安全性。
- 耐腐蚀：不锈钢传送带不易受到酸碱等化学物质的腐蚀，能够确保在腐蚀环境中长期使用。
- 耐磨损：不锈钢传送带的表面光滑，耐磨损，不易被磨损，使用寿命长。



Stainless Steel Conveyor
•High temperature resistance: Stainless steel conveyor belts can withstand the conveying needs in high-temperature environments while maintaining stability and safety.
•Corrosion resistance: Stainless steel conveyor belts are not easily corroded by acidic or alkaline chemicals, ensuring long-term use in corrosive environments.
•Wear resistance: The surface of stainless steel conveyor belts is smooth, wear-resistant, not easily worn, and has a long service life.

离型剂混合机
- 自动化连续生产输送，稀释倍数精准，马达自动搅拌，无沉淀，洁净性好。
- 可提高铸件质量和生产效率，延长模具寿命，节省能源，材料和人力。



Releasing Agent Mixer
· Can work and convey mixed liquid automatically and continually
· Can release agents effectively: motor can stir the liquid automatically, no precipitate.
· Can improve casting quality and productiviTy. so as to prolong the working life of the motd and save energy.

柱塞颗粒机
- 用于压射冲头的周期润滑。
- 可选择单次及多次压铸合模周期用料润滑。
- 进料量的大小，可以控制自如。



Plunger Particle Machine
· Is used for plunger lubrication periodically.
· You can select singte or multiple lubrication for the plunger.
· Feeding volume can be adjusted as desired.

油压切边机
独特的高低速液压系统，高速下降，低速保压时可调；充分的安全 保障系统。



Hydraulic Trimming Machine
- Equipped with a unique high pressure and low prossure hydraulic system
- Fall down at a high speed
- The pressiiro time of low speed can be adjusted.
- Has a high security system.

模温机
独特的热交换模块设计，标准加热、冷却单元以组胚管筒形式换入。
独有的管筒中心加热微电脑控制，系统控温精确（±5° C) 减少模具表面温度波动，延长压铸模具使用寿命。



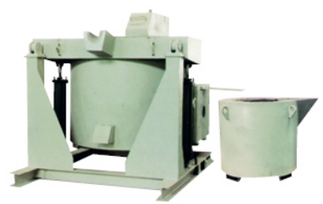
Mold Temperature Controller
- In the special design of thermal exchange module and a standard heating way
- Cooling unit group can be changed in the form of tube.
- Heating tubes are controlled by microcomputer. and accuracy can reach ± 5℃ .
- Keeps the temperature of mold stable and prolongs its working life.

熔解炉
有电气，天然气，燃油三种热源可供选择。



Melting Furnaces
There are three types of furnace for your choice, namely electricity , natural gas and diesel oil.

可倾倒式集中熔解炉
Tiltable Centralized Melting Furnace



参数表 Technological Data

五连杆式给汤机 Five Point Linkage Type Auto Ladle Machine	规格 / 机型 Specification/model	ZLLB2	ZLLB4	ZLLB6	ZLLB8	ZLLBA	ZLLBC
	适用压铸机 Suitable die casting machine	125-400T	500-900T	1000-1250T	1600T	2000-2250T	125-3000T
	给汤量 Pouring capacity	0.5~3.5kg	3.5~8.0kg	8~15kg	12~20kg	15~25kg	25~35kg
	给汤精度 Pouring accuracy	±2%					
	循环时间 Cycle time	Max.15sec	Max.18sec	Max.30sec	Max.35sec	Max.40sec	Max.50sec
	坩埚内径 Diameter of crucible	Min.550mm	Min.650mm	Min.800mm	Min.850mm	Min.1000mm	Min.1100mm
	取汤深度 Filling Depth	Max.280mm	Max.420mm	Max.430mm	Max.480mm	Max.680mm	Max.680mm
	手臂电机功率 Arm motor power	750W		1.5KW		2.2KW	3.7KW
	汤勺电机功率 Spoon motor power	200W		400W		750W	
	主电柜电源 Main panel power	2Φ-380V 50-60Hz					
	操作电源 Operating power	DC24V					
	电源容量 Power capacity	1.5KVA		3.0KVA	3.75KVA	5.6KVA	
	机器重量 Weight	270KG	275KG	336KG	510KG	850KG	900KG

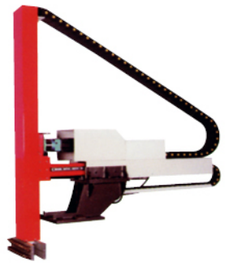
自动取件机 Auto Extractor Machine	规格 / 机型 Specification/model	ZLEH-1#	ZLEH-2#	ZLEH-3#	ZLEH-4#
	适用压铸机 Suitable die casting machine	130-160T	200-400T	500T	630-950T
	固定模宽 Width of fixed mold	780mm	1100mm	1150mm	1450mm
	料柄直径 Biscuit diameter	50-70mm		80-110mm	
	引拔力 Pulling force	≥ 65Kgf		≥ 95kgf	
	引拔方向行程 Distance of pulling direction	≤ 250mm		≤ 400mm	
	手臂行程 Arm stroke	1560mm	1780mm	2160mm	2250mm
	风压源 Input air pressure	4-6.5kgf/cm²			
	空气接口 Air pressure inlet	PT3/8″			
	取件重量 Extracting weight	≤ 3.5kg		≤ 8kg	
	马达功率 Motor power	400w		750w	
	安装方式 Mounting method	落地式 / 悬挂式 Ground mounting/Fixed mounting		建议落地式 Floor installation is recommended	

参数表 Technological Data

柱塞颗粒机 Plunger Particle Machine	规格 / 机型 Specification/model	ZLPC1	ZLPC1
	适用压铸机 Suitable die casting machine	160T-800T	1000T-2200T
	风压源 Air pressure	PT3/8″ ，3-4kgf/cm²	PT3/8″ ，3-4kgf/cm²
	电源 Power	AC220V	
	重量 Weight	19.75KG	

单臂伺服喷雾机 Single Arm Servo Sprayer	规格 / 机型 Specification/model	ZLSES1	ZLSES2	ZLSES3	ZLSES4
	适用压铸机 Suitable die casting machine	200T 以下	280-400T	450-500T	630-1000T
	喷头宽度 Nozzle width	270+100mm	300+100mm	420+100mm	585+100mm
	喷嘴总数 Total amount of nozzle	14pcs	22pcs	30pcs	38pcs
	喷头厚度 Nozzle thickness	135mm	200mm	200mm	300-350mm
	铜管（固定模）喷雾 Copper tubes(fixed mold) spray	19pcs（Φ6）	19pcs（Φ6）	24pcs（Φ6）	24pcs（Φ6）
	铜管（活动模）喷雾 Copper tubes(movable mold)spray	18pcs（Φ6）	19pcs（Φ6）	23pcs（Φ6）	23pcs（Φ6）
	铜管（中间模）喷雾 Copper tubes(midst mold) spray	19pcs（Φ6）	18pcs（Φ6）	24pcs（Φ6）	24pcs（Φ6）
	风压源 Air pressure	4-6kgf/cm²			
	风压源接口 Air pressure inlet	PT1″	PT1 1/2″	2-PT1 1/2″	2-PT1 1/2″
	离型剂 Release agent	2-5kgf/cm²			
	离型剂接口 Release inlet	PT 1/2″			
	底座行程 Stand move distance	100mm	200mm	200mm	300mm
	模块下喷嘴 Nozzle under the model	-620mm	-750mm	-840mm	-1120mm
	铜管末端 The end of copper tubes	-650mm	-830mm	-900mm	-1200mm
	上升 + 下降时间 Ascend and descend time	1.2s	1.5s	1.5s	2.1s
	裸机重量 Weight	350kg	400kg	450kg	600kg
	升降电机功率 Ascend and descend power	1.0kw	1.5kw	1.5kw	2.0kw
	底座电机功率 Stand motor power	200w	200w	200w	200w
	机器外形尺寸（长宽高） Machine size(L*W*H)	1270*500*970	1240*680*1540	1235*735*1600	1500*960*1930

参数表 Technological Data

双臂伺服喷雾机 Servo Sprayer	规格 / 机型 Specification/model	ZLSB2	ZLSB4	ZLSB6	ZLSB8	ZLSB10
	适用压铸机 Suitable die casting machine	180-400T	500-800T	1000-1250T	1600T	2000T
	X 轴行程 X-axis stroke	740mm	1100mm	1300mm	1500mm	1700mm
	X 轴速度 X-axis speed	1.1m/s				1.2m/s
	Y 轴行程 Y-axis stroke	1100mm	1300mm	1500mm	1700mm	1900mm
	Y 轴速度 Y-axis speed	1.0m/s				
	X 轴伺服电机 X-axis servo motor	1.0kw				
	Y 轴伺服电机 Y-axis servo motor	2.0kw				3.0kw
	模块喷头（固定模）喷雾 Module nozzle(fixed mold)spray	12pcs	16pcs	20pcs		28pcs
	铜管（前后模）吹气 Copper tube(front and rear mold)blowing	12（Φ8）	16（Φ8）	20（Φ8）		28（Φ8）
	模块喷头（活动模）喷雾 Module nozzle(moving mold)spray	12pcs	16pcs	20pcs		28pcs
	固定（活动）模嘴总数 Fixed(active)nozzle total	24-40pcs	32-40pcs	40-48pcs		48-56pcs
	铜管吹气长度 Copper pipe blowing length	60mm				
	模块喷头总长 Total length of module nozzle	300mm	400mm	650mm		800mm
	压力 Pressure	5-6kgf/cm²				
	风压源接口 Wind pressure source interface	PT1 1/2º		2-PT1 1/2º		
	离型剂 Release agent	大于空气压力 More than Air Source Pressure				
	离型剂接口 Release agent interface	PT1/2º				
	电源规格 Power specification	3P-380V/220V/DC24V				
	机器（长宽高）- 模块喷头 Machine(L*W*H)-module nozzle	1950*760*2300	2420*1000*2420	2600*1160*2338	2650*1160*2850	3450*1580*3500

暖气片专用伺服喷雾机 Servo Sprayer Special For Radiator	规格 / 机型 Specification/model	ZLSES4
	适用压铸机 Suitable die casting machine	630-1300T
	喷头宽度 Nozzle width	585+100mm
	喷头厚度 Nozzle thickness	300-350mm
	铜管（固定模）喷雾 Copper tubes(fixed mold) spray	28pcs（Φ6）
	铜管（活动模）喷雾 Copper tubes(movable mold)spray	28pcs（Φ6）
	风压源 Air pressure	4-6kgf/cm²
	风压源接口 Air pressure inlet	2-PT1 1/2″
	离型剂 Release agent	2-5kgf/cm²
	离型剂接口 Release inlet	PT 1/2″
	底座行程 Stand move distance	300mm
	模块下喷嘴 Nozzle under the model	-1120mm
	铜管末端 The end of copper tubes	-1200mm
	上升 + 下降时间 Ascend and descend time	2.1s
	裸机重量 Weight	600kg
	升降电机功率 Ascend and descend power	2.0kw
	底座电机功率 Stand motor power	200w
	机器外形尺寸（长宽高）Machine size(L*W*H)	1500*960*1930

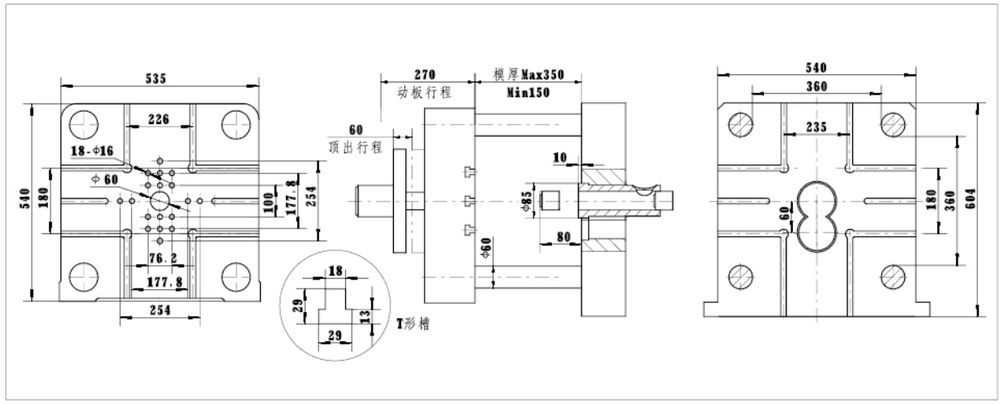
离型剂混合机 Release Agent Mixer	项目 Model	ZLHA-1	ZLHA-2	ZLHA-4
	规格 Specification	1 对 1 1 to 1	1 对 4 1 to 4	1 对 8 1 to 8
	离型稀释能力 Release dilution capacity	20L/ 次 20/once		
	入口空气压力 Inlet air pressure	4-7Bar Between 4 Bar and 7 Bar		
	泵浦形式 Pump form	1″		11/2″
	稀释液的流量 Diluent flow	70L/Min（1 Set）		120L/Min（2 Sets）
	尺寸 Size	550*750*1800mm	900*1150*2050mm	900*1150*2050mm
	单重 Weight	100kg	110kg	115kg
	电压 Voltage	单相 AC220V Single phase AC220V		

参数表 Technological Data

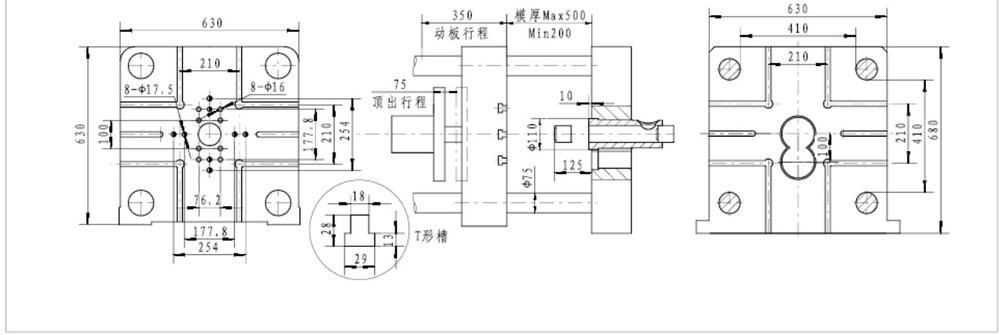
油压切边机 Hydraulic trimming machine	产品型号 Model	单位 Unit	产品规格 Specification					
			ZL-10T	ZL-15T	ZL-20T	ZL-30T	ZL-40T	ZL-50T
	公称压力 Nominal pressure	ton	10	15	20	30	40	50
	系统压力 System pressure	Mpa	21	21	21	21	21	21
	最大行程 Max stroke	mm	300	300	350	350	350	300
	开口高度 Opening height	mm	450	450	550	550	550	500
	工作台距地面高度 Height of working platform from groun	mm	850	850	850	850	850	850
	工作台有效面积 Effective area of worktable	mm	400	400	500	600	600	600
		mm	350	350	400	500	500	500
	主缸速度 Master cylinder speed	mm/s	160	160	160	160	160	150
		mm/s	20	20	20	20	20	20
		mm/s	160	160	160	160	160	150
	中间落料孔尺寸 Middle blanking hole size	mm	120*120	120*120	150*150	160*160	160*160	160*160
	马达功率 Motor power	kw	2.2	2.2	2.2	3.7	5.5	5.5
	机器重量（参考） Machine weight (reference)	kg	450	530	680	960	1100	1450

模温机 Mold temperature machine	型号 Model	温度 Temperature	电热功率 Electric heating power	泵浦功率 Pump power	流 量 Flow	扬程 Lift	冷却水接口 Cooling water interface	热油接口 Hot oil interface	尺寸 Size(mm)	重量 Weight(KG)
	AXM12L(机械泵) Mechanical pump	300	12kw	2.2kw	90L/Min	22M	DN15	DN25	1400x420x1010	180KG
	AXM18L(机械泵) Mechanical pump	300	18kw	2.2kw	90L/Min	22M	DN15	DN25	1400x420x1010	180KG
	AXM24L(机械泵) Mechanical pump	300	24kw	2.2kw	90L/Min	22M	DN15	DN25	1400x420x1010	180KG
	AXM36L(机械泵) Mechanical pump	300	36kw	3.0kw	90L/Min	25M	DN25	DN25	1450x500x1210	220KG
	AXM12D（电磁泵） Mechanical pump	300	12kw	2.2kw	90L/Min	45M	DN15	DN25	1400x420x1010	150KG
	AXM18D（电磁泵） Mechanical pump	300	18kw	2.2kw	90L/Min	45M	DN15	DN25	1400x420x1010	150KG
	AXM24D（电磁泵） Mechanical pump	300	24kw	2.5kw	90L/Min	60M	DN15	DN25	1400x420x1010	160KG
	AXM36D（电磁泵） Mechanical pump	300	36kw	3.0kw	90L/Min	80M	DN15	DN25	1400x420x1010	180KG

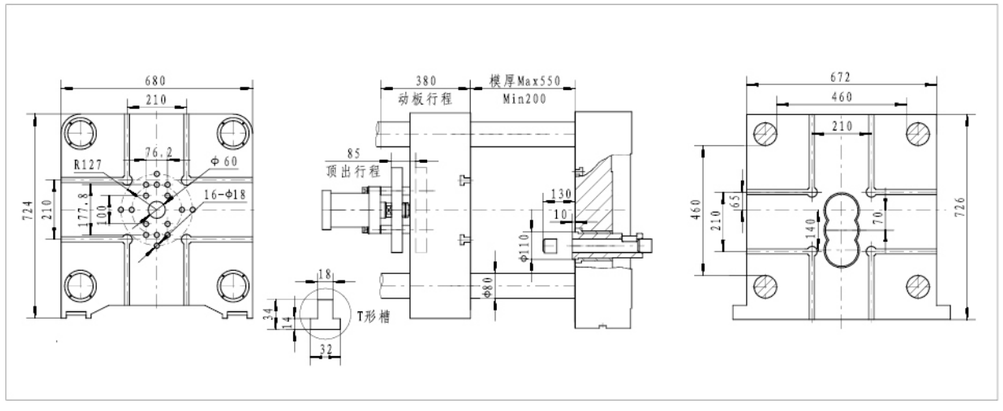
■ Model: ZLC-88



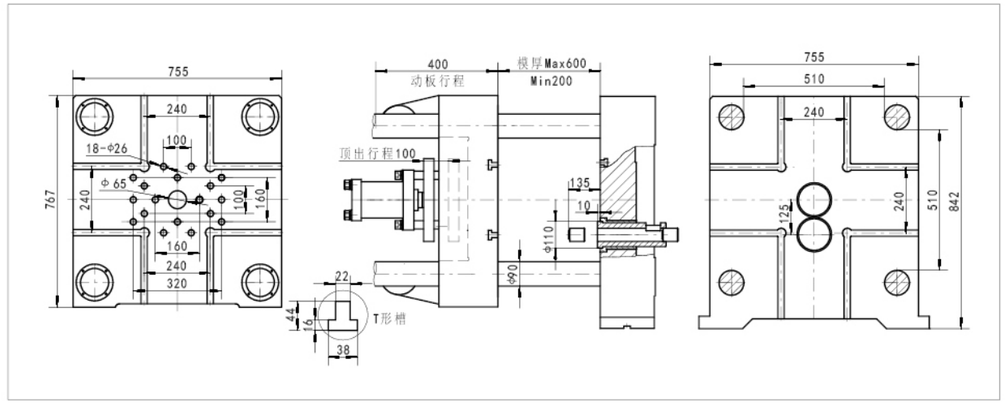
■ Model: ZLC-130



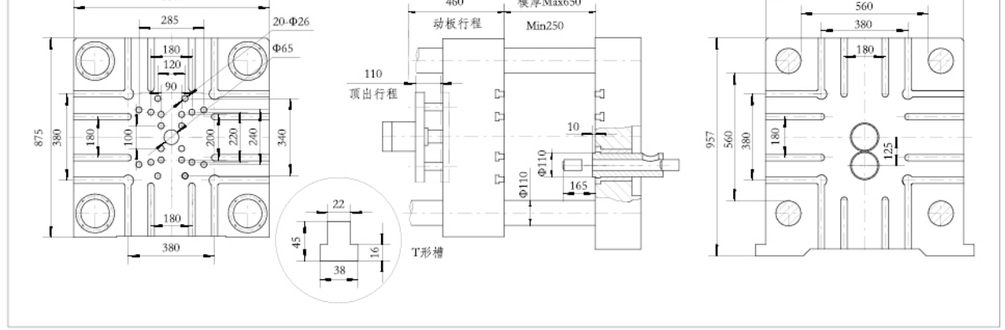
■ Model: ZLC-160



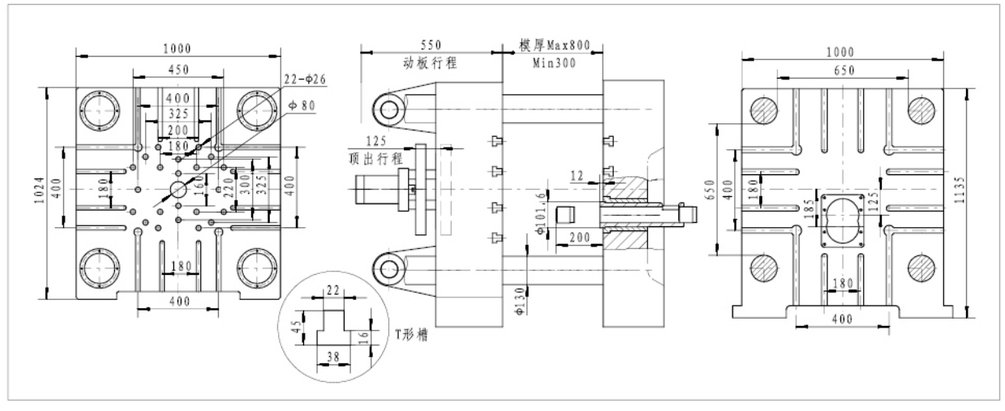
■ Model: ZLC-220



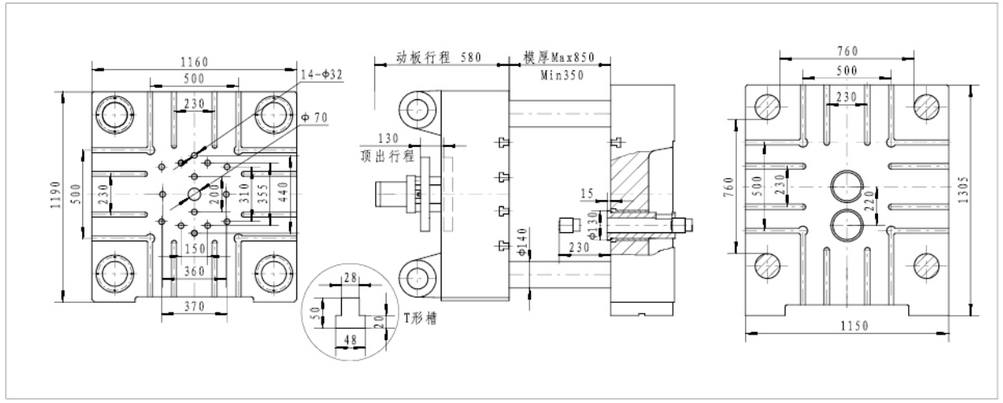
■ Model: ZLC-300



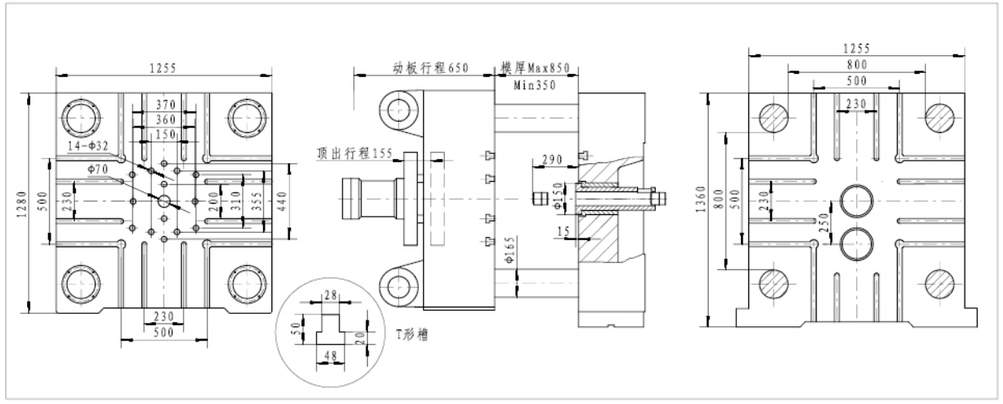
■ Model: ZLC-450



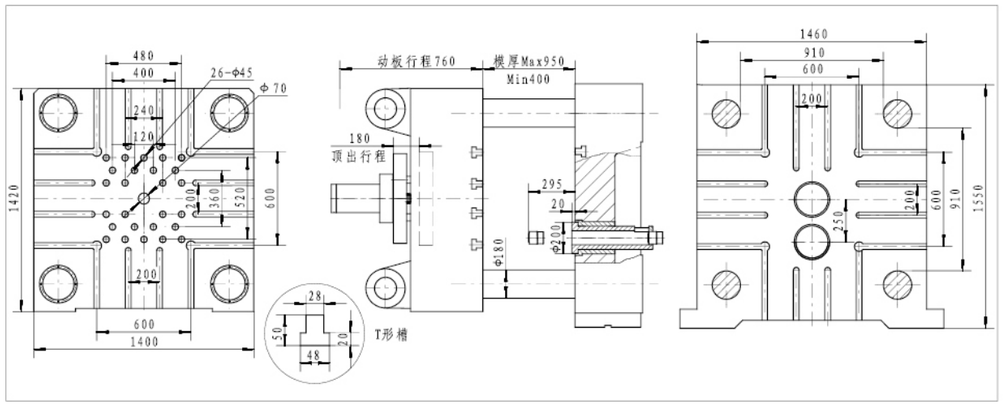
■ Model: ZLC-550



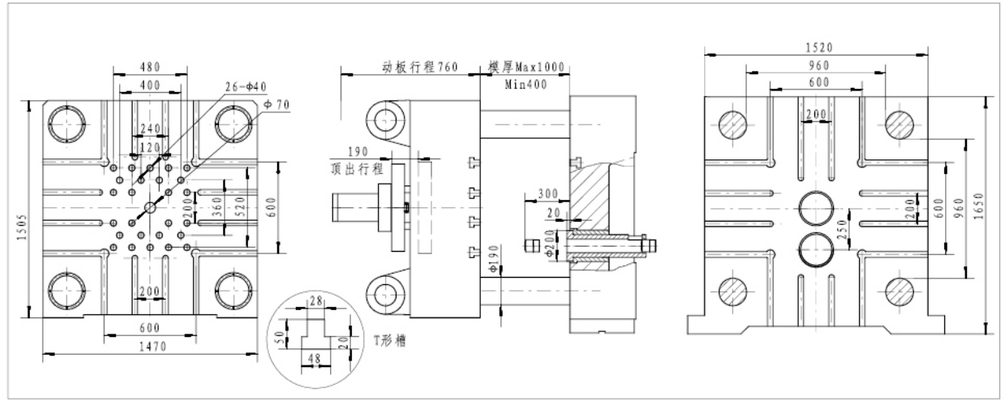
■ Model: ZLC-700



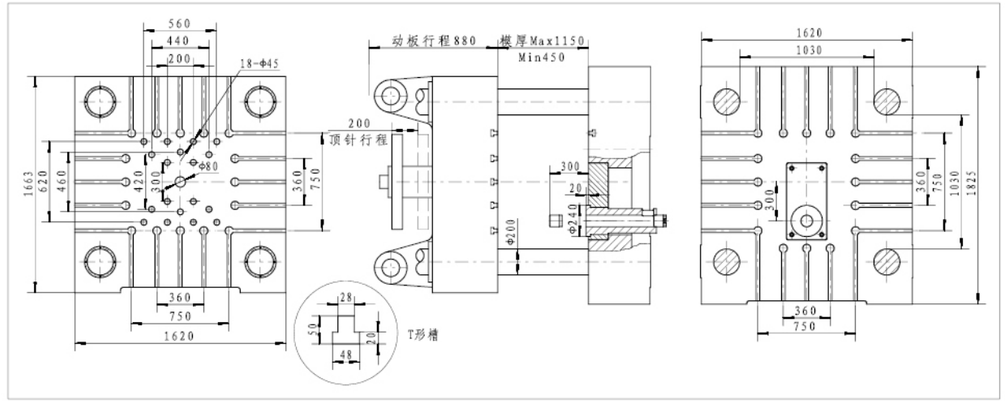
■ Model: ZLC-800



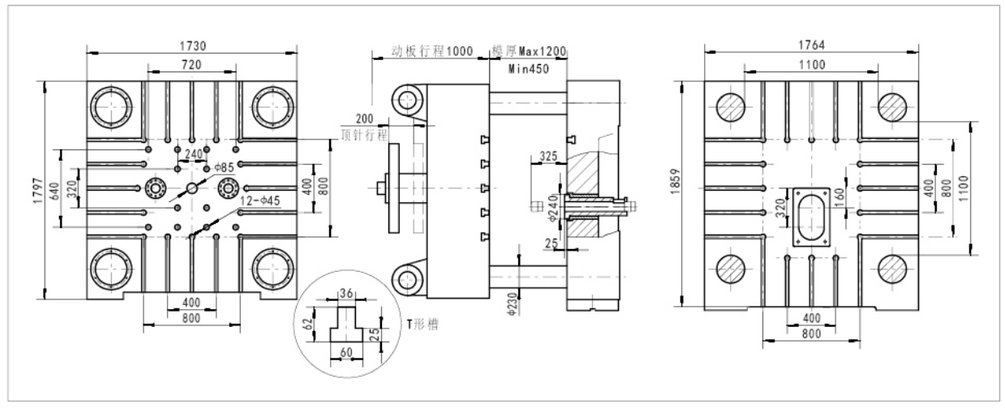
■ Model: ZLC-900



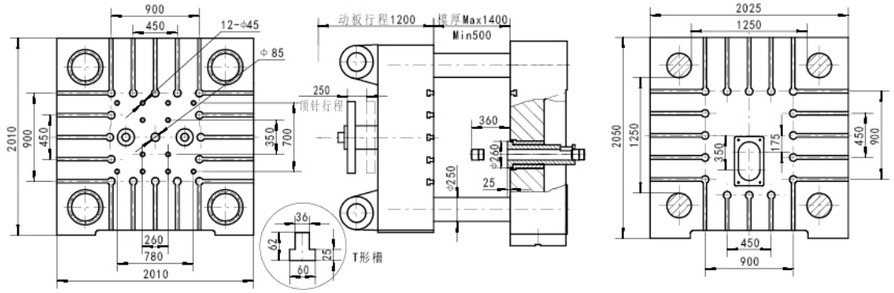
■ Model: ZLC-1000



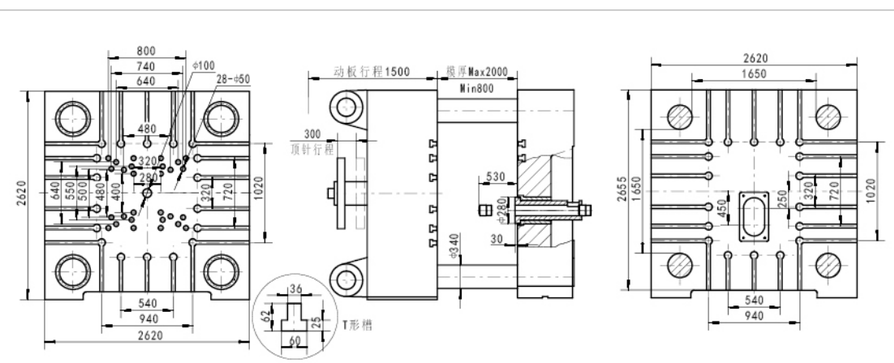
■ Model: ZLC-1300



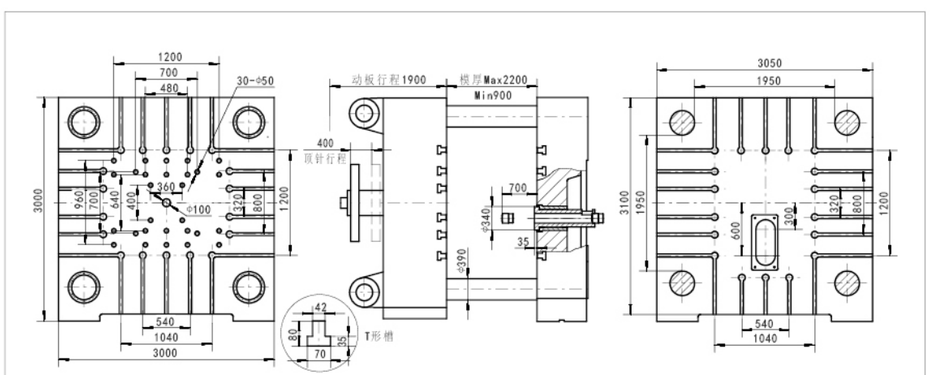
■ Model: ZLC-1600



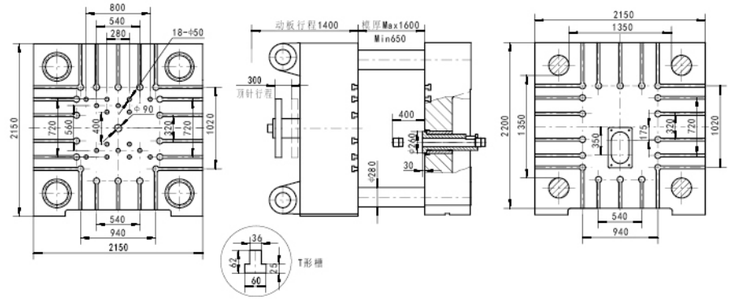
■ Model: ZLC-3000



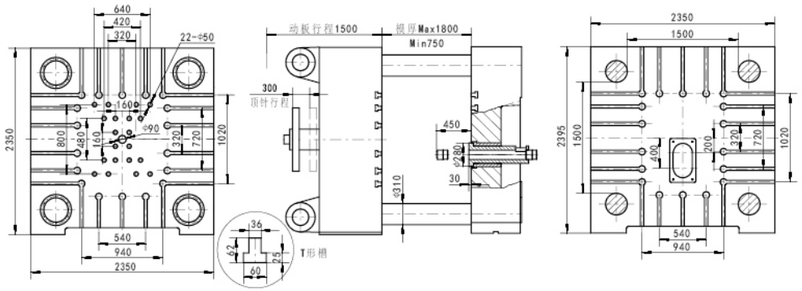
■ Model: ZLC-4500



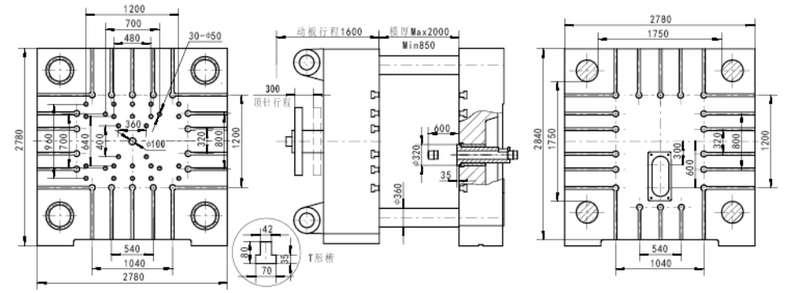
■ Model: ZLC-2000



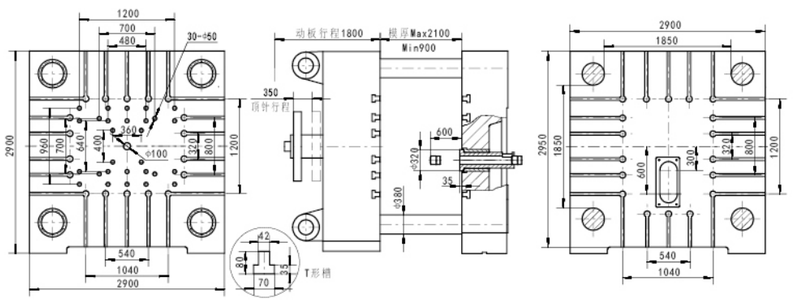
■ Model: ZLC-2500



■ Model: ZLC-3500



■ Model: ZLC-4000



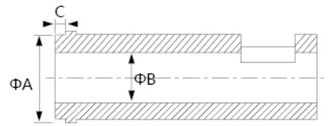
冷室压铸机系列热作件
Hot Work Spare Parts for Cold Chamber Die Casting Machine

入料筒系列 Plunger Sleeve Series (冷室机用 special for cold chamber die casting machine)



机器型号 MODEL	ZLC-88	ZLC-130	ZLC-160	ZLC-220	ZLC-300	ZLC-450
ΦA	85	110	110	110	110	101.6
ΦB	30.,35	40,50,60	40,50,60	50,60,70	50,60,70	60,70,80
C	10	10	10	10	10	12
机器型号 MODEL	ZLC-550	ZLC-700	ZLC-800	ZLC-900	ZLC-1000	ZLC-1300
ΦA	130	150	200	200	240	240
ΦB	70,80,90	80,90,100	80,90,100	80,90,100,110	90-120	100-140
C	15	15	20	20	20	25
机器型号 MODEL	ZLC-1600	ZLC-2000	ZLC-2500	ZLC-3000	ZLC-3500	ZLC-4000
ΦA	260	260	280	280	320	3230
ΦB	110-150	130-170	140-180	150-190	160-200	160-200
C	25	30	30	30	35	35

主要材料：选用优质热做钢材，并经锻打及精加工
Materials: imported and excellent hot work steel which has been forged and processed.

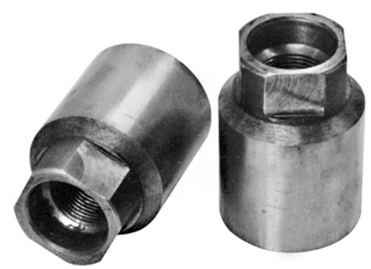


性能特点：
采用深孔内圆磨加工，通过三坐标测量仪，尺寸精度高，选用优质热作钢材，经过真空高压气淬，气体氧化处理，产品的耐磨性和抗腐蚀能力大提高，使用寿命更长。

Features:

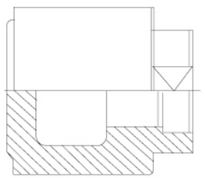
- Its inner hole has been ground, and measured by three-coordination measuring apparatus, which can guarantee the high precision in dimension.
- Made of quality hot work steel, quenched under high pressure in vacuum, and processed with nitrogen.
- Possesses high abrasion and corrosion resistance, with a long working life.

压射冲头系列 Plunger Series (冷室机用 special for cold chamber die casting machine)



性能特点：
采用微合金化的原理，通过调整球铁的成份，同时采用特殊的表面处理，使产品的耐磨性大大提高，使用寿命长。

Features:
Making use of the principle of Mircro Alloy, we have made some modifications in the components of iron, meanwhile its surface has been processed especially, which can improve its abrasion resistance and ensure a long service life.



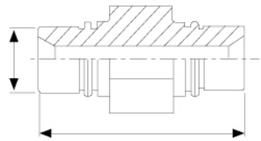
机器型号 MODEL	ZLC-88	ZLC-130	ZLC-160	ZLC-220	ZLC-300	ZLC-450	ZLC-550	ZLC-700	ZLC-800	ZLC-900
内径 (Φ)	30,35	40,50,60	40,50,60	50,60,70	50,60,70	60,70,80	70,80,90	80,90,100	80,90,100	80,90,100,110
机器型号 MODEL	ZLC-1000	ZLC-1300	ZLC-1600	ZLC-2000	ZLC-2500	ZLC-3000	ZLC-3500	ZLC-4000	ZLC-4500	
内径 (Φ)	90-120	100-140	110-150	130-170	140-180	150-190	160-200	160-200	180-220	

锤柄接头系列
Plunger Connector Series

性能特点：
选用优质钢材，调质处理后由数控设备加工，可最大限度地确保产品的综合性能。

Features:
Made of quality steel, after being tempered, the plunger connector has been machined by digital device, which can greatly secure its good performance.





锤柄接头外形尺寸 Dimension

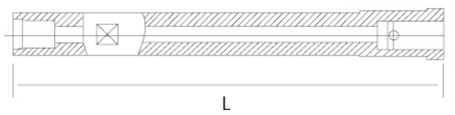
机器型号 MODEL	ZLC-88	ZLC-130	ZLC-160	ZLC-220	ZLC-300	ZLC-450	ZLC-550	ZLC-700	ZLC-800	ZLC-900
长度 × 螺纹直径 (L×M)	100×18*2	145×27*2	145×27*2	155×30*2	96×30*2	160×30*2	190×30*2	132×42*2	123×42*2	123×42*2
机器型号 MODEL	ZLC-1000	ZLC-1300	ZLC-1600	ZLC-2000	ZLC-2500	ZLC-3000	ZLC-3500	ZLC-4000	ZLC-4500	
长度 × 螺纹直径 (L×M)	163×48*2	135×56*2	143×64*2	173×72*2	220×80*3	220×80*3	220×80*3	240×80*3	240×80*3	

打料连接体系列
Injection Connector Series

性能特点：
选用优质钢材，调质处理后由数控设备加工，可最大限度地礎保产品的综合性能。

Features:
Made of quality steel, after being tempered, the plunger connector has been machined by digital device, which can greatly secure its good performance.





打料连接体长度尺寸 Dimension

机器型号 MODEL	ZLC-88	ZLC-130	ZLC-160	ZLC-220	ZLC-300	ZLC-450	ZLC-550	ZLC-700	ZLC-800	ZLC-900
长度 (L)	280	330	330	388	470	565	565	756	815	836
机器型号 MODEL	ZLC-1000	ZLC-1300	ZLC-1600	ZLC-2000	ZLC-2500	ZLC-3000	ZLC-3500	ZLC-4000	ZLC-4500	
长度 (L)	830	910	1000	980	1045	1175	1300	1350	1400	

振力镁合金压铸机—压铸新技术的先驱

Zhenli Magnesium Alloy Die Casting Machine — Pioneer of the New Die Casting Machine Technology

江门市振力机械有限公司是经济的，非传统的新型压铸技术的先驱。随着环境问题呼声的不 断提高，作为树脂的代替品和轿车轻量化的有力手段，镁合金的应用越来越广泛。振力机械有限 公司肩负时代的使命，凭借自身的技术和实力，致力于镁合金成型装备 — 镁合金压铸机的开发研究。已先后开发出系列热室，冷室镁合金压铸机，广泛应用于计算机，通讯，汽车，航空航天等领域。

Jiangmen Zhenli Machinery CO.,Ltd. is the pioneer in the field of economical and non-traditional die casting machines. While the environment is getting worse and worse, as the substitute for resin and a powerful means of light automobile, magnesium is widely used nowadays. Zhenli assumes the mission of times, and by means of its own advanced and mature technology, it has been devoted to the growth of magnesium alloy die casting machines. So far, Zhenli has created successfully both cold chamber and hot chamber die casting machines for magnesium, which have been widely applied in the sectors of computer, telecommunication,automobile and aviation, etc.

在镁合金压铸机新技术应用和传统压铸方面，作为一个服务提供应商我们提供以下服务：

1、 新压铸技术的开发

2、 模具设计

3、 工艺工程师在批量生产开始阶段的技术支持

4、 技术交流

As a responsible supplier, we offer the following services in the aspect of new technology application and conventional die casting machine:

1 .The development of new die casting machine

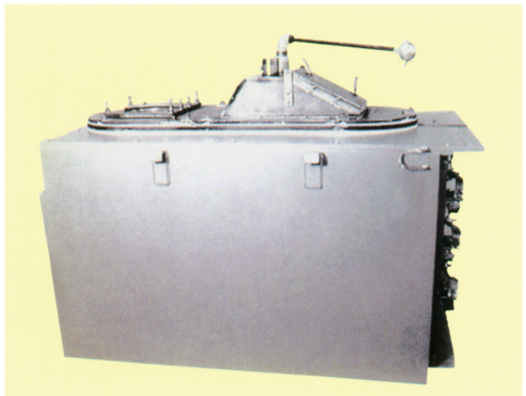
2. Mold design

3. Technical support from engineers in the beginning phase of massive production

4. Technology communication



ZLM-90 ZLM-130 ZLM-180 ZLM-200 ZLM-230 ZLM-280 ZLM-400



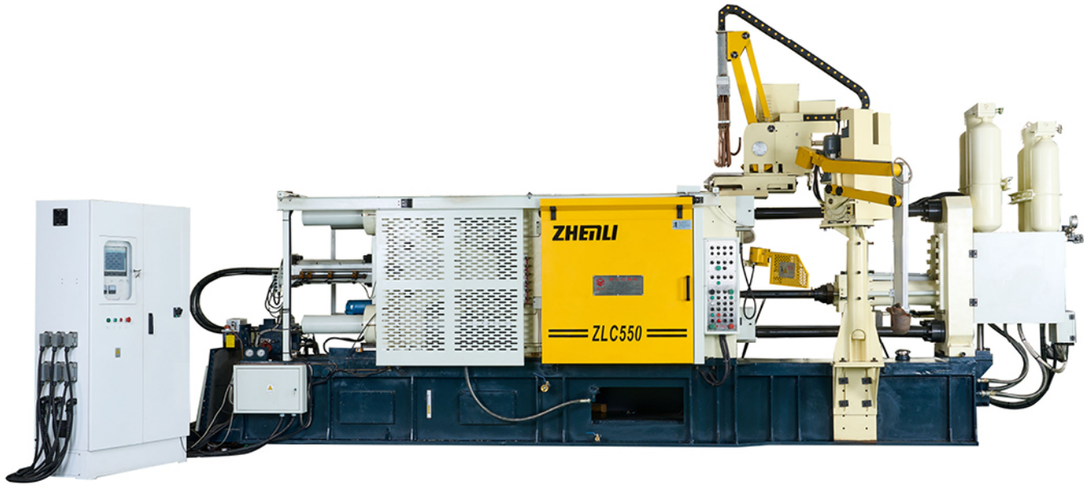
欧美原厂全密封式熔炉
Original European Fully Sealed Melting Furnace

- 射料速度快，最高速度可大 6m/S。
- 采用欧美原厂全密封式熔炉，安全可靠。
- 采用电脑控制，操作方便，生产简便，生产效率高。

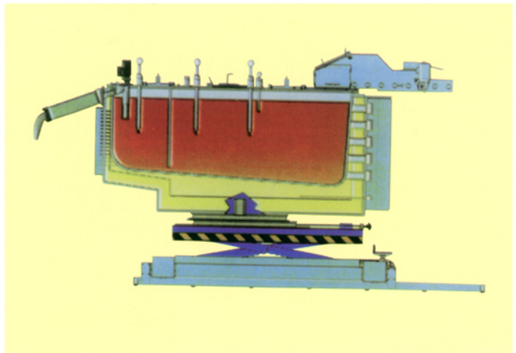


镁合金保护气体混合器
Magnesium Alloy Protective Gas Mixer

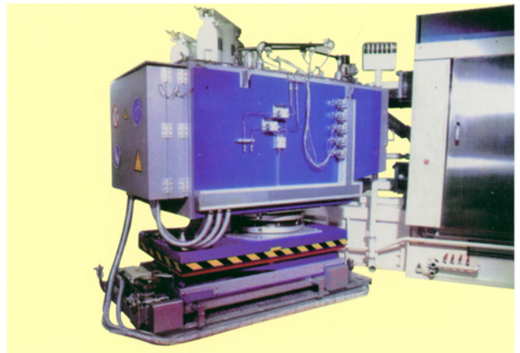
- High Injection Speed, and the highest can be 6m/s.
- Equipped with original European fully sealed melting furnace, safe and reliable
- Controlled by computer, easily operated, and high productivity.



ZLCM-160　ZLCM-220　ZLCM-300　ZLCM-450　ZLCM-550..... ZLCM-1600



熔炉示意图
Diagram of Melting Furnace



全密封式定量注料熔炉及油压升降台
Fully Sealed Ration Injection Melting Furnace and Oil Pressure Elevator Platform

- 射料速度快，最高速度可大 8m/S。
- 采用欧美原厂全密封式熔炉，安全可靠。
- 采用电脑控制，操作方便，生产简便，生产效率高。

- High Injection Speed, and tho highest can be 8m/s.
- Equipped with fully sealed ration injection melting furnace, feeding stable
- Controlled by computer, easily operated, and high productivity.

完善的服务保障

服务目标：

诚信信用的原则，及时敏捷的反映，精益求精的工作，周到满意的服务。

服务承诺：

贵企业的发展就是我们的进步，并专注于此而展开服务。

服务理念：

我们始终坚信企业的长远发展离不开客户长久支持，客户的长久支持离不开良好的售后服务保障，客户满意 就是我们的责任！

服务核心：

完善服务和技术保障由“振力”公司客户服务中心实施。我们将长期持续的提供：“优质服务”且最大限度 的降低产品的未知风险，向客户提供放心的产品。

售前服务：

我方为客户提供一对一服务。为客户提供购买建议 ,选型设计、技术支持。让客户最大限度的降低生产投入 成本 ,购买最实用的产品。

售中服务：我方提供送货、安装、调试、操作员培训等服务。

售后服务：

1、 国内送货上门，并承担在送输过程中导致损坏的一切责任。

2、 调试安装，产品进入指定地点后，在客户准备完成所需的辅助设施，并通知我公司。调试人员最快将在 24 小时内到达机器所在地，调试合格后，由客户确认。

3、 操作培训：我公司将选经验丰富、具有良好素质的技术调试人员对客户的操作人员进行培训，直至操作人员可单独操作生产。也可由客户指定人员到我公司进行培训。

4、 上门维修：客户发现产品出现故障通知我公司后，我公司将在 24 小时内做出答复，并通过电话指导的方式给予处理，处理不了我公司维修人员最快将在 24 小时内到达机器所在地进行维修，如路途遥远或者交通不便的 区域，我公司人员将在 48 小时内到达。

Perfect Service Guarantee

Our Goal:

Honesty first, quick response, high-quality and satisfactory service

Our Commitment:

Your improvement is our improvement, and we are dedicated to your growth.

Our Philosophy:

No customers' support, no our development; no after-service guarantee, no customers' support.
Therefore, our responsibility is to supply high-quality service for you!

Our Service Core:

Our service center will provide satisfactory after-sale services, and try our best to reduce all potential risks.

Pre-sale Service:

We will offer you one-to-one service, and select the most suitable machine for you! In a word, we will try to minimize your cost but get the best machine.

In-sale Service:

We will deliver the machine to your factory and our engineers are available for installation, commissioning, and training.

After-sale service:

1. For home customers, we will deliver the machine for you, and bear all the cost and risks in transit.
2. When the machine is discharged and located, and you have prepared for all needed auxiliary tools, my technicians will reach your factory within 24 hours, and will leave your factory until you think the machine can work in a good status.
3. My technicians will train your workers until they can operate the machine individually.
4. When the machine is broken, we will offer you the solutions as soon as possible. First we will give instructions in phone or Email.