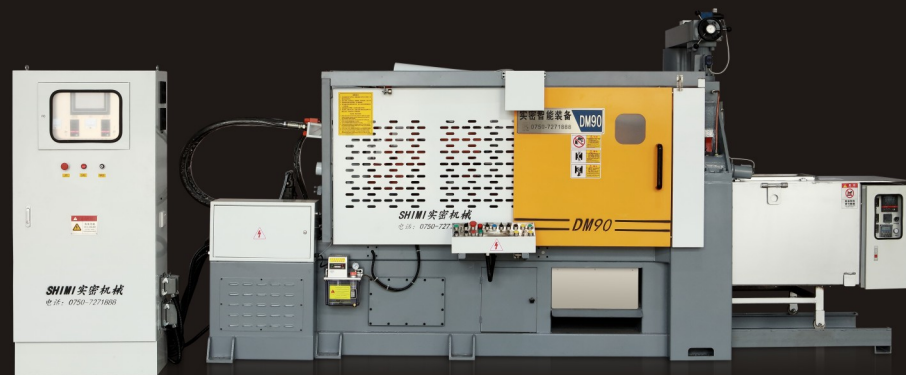




我们的使命:以务实创新助力中国精密装备领先全球

Our mission: To help China's precision equipment lead the world with practical innovation



广东实密智能装备有限公司

Guangdong Shimi Intelligent Equipment Co., Ltd

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二维码QR code:



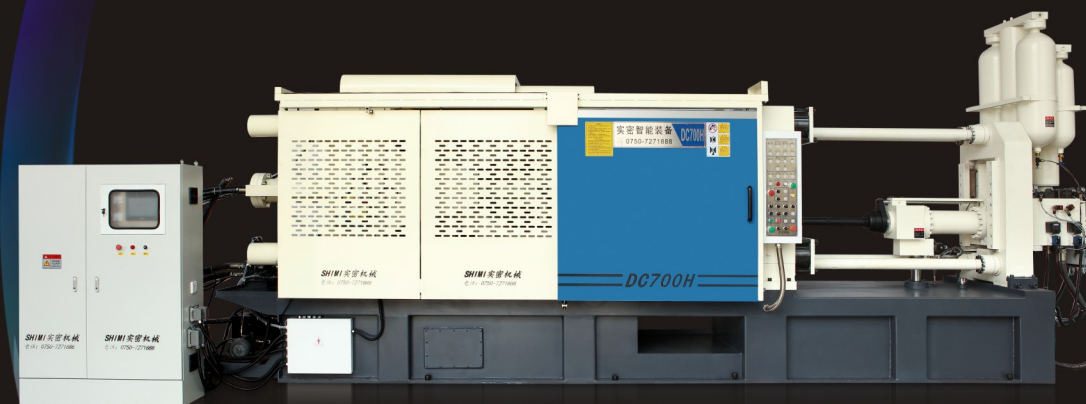
微信号 官网二维码(中文) QR Code of Official website (English edition)



SHIMI DIE-CASTING MACHINE

Create more efficient, energy-saving, stable and durable die-casting machines

打造更高效·节能·稳定·耐用的压铸机 www.shimidcm.com



广东实密智能装备有限公司
Guangdong Shimi Intelligent Equipment Co., Ltd



COMPANY PROFILE 公司简介

广东实密智能装备有限公司是一家专业从事研发、制造、销售和出口冷室、热室、立式等压铸机的生产制造企业。公司自2009年成立以来，依靠专业的研发团队，结合国内外先进的压铸机生产制造工艺，自主研发生产出数百种具有高性能、高稳定性的可靠产品，时刻走在行业技术的前端，从而实现了公司的快速发展，并于2022年在广东江门投资新建生产基地，占地面积2.3万平方米。

实密，拥有生产大型压铸机的研发和制造能力，通过高精密的加工设备、行业顶尖的检测仪器、严谨的装配技术以及国际知名的压铸机元件，全面提升了产品的整体水平和核心竞争力，从原材料、机加工、焊接、组装、调试、到最终检验，拥有完善、科学的生产及检验体系。

每一台压铸机在出厂前的最终检验时间超过72个小时，确保每个细节做到极致，在保证机器稳定耐用的前提下打造出更高效节能的压铸机产品。

Guangdong ShiMi Intelligent Equipment Co., Ltd. is a professional manufacturing enterprise engaged in research and development, manufacturing, sales and export of cold and hot chamber die-casting machines, vertical die-casting machines and semi-solid die-casting machines. Since founded in 2009, relying on professional R&D team, combining with advanced die-casting machine manufacturing process at home and abroad, ShiMi independently researched and developed hundred types of high-performance, high-stability and reliable machines, by staying ahead in this industry, making company have a rapid development, and it has invested in a new production base in Jiangmen, Guangdong in 2022, covering an area of 23000 square meters.

ShiMi has the capabilities of R&D and manufacturing to produce Heavy Type die casting machines, through the high-precision processing equipment, top-notch testing instruments in the industry, rigorous assembly technology and international well-known components, ensuring the overall level of machines and core competitiveness. From raw materials, machining, welding, assembly, commissioning to final inspection, ShiMi has complete production and quality control system.

The final inspection time of each die casting machine is more than 72 hours before leave factory, to ensure that every detail to be the utmost, to create more efficient, energy-saving die-casting machines under precondition of stability and durability of machines.



GLOBAL ENJOY FIVE-STAR SERVICE 全球享受·五星服务

售前服务 PRE-SALE SERVICE 1

我们免费为用户提供压铸一站式解决方案，从车间布局、产品选型、模具设计、压铸工艺到全自动周边辅助设备。

We provide customers with one-stop solution for free of charge, from workshop layout, selection of machine models, die design, die casting process, full automatic peripherals to further machining after die-casting.

售中服务 IN-SALES SERVICE 2

提供各种型号之压铸机销售、安装、调试及试生产服务、介绍、培训中高级压铸人才。

To recommend and provide professional talents in aspect of sales, installation, commissioning and trial-production for various models of die-casting machine.

售后服务 AFTER-SALE SERVICE 3

实密在国内以数十个省市为支点，建立了周全的国内销售服务网络，在海外，实密在全球多个国家拥有销售和售后服务网点，本着“及时响应，专业透明”的售后理念，赢得了海内外众多客户的广泛好评。

With dozens of provinces and cities as the fulcrum in China, we have established a comprehensive domestic sales and service network. We have sales and after-sales service outlets in many countries around the world as well. With the after-sales service concept of "Timely response, professional and transparent", ShiMi has been widely praised from large numbers of customers at home and abroad.

研发专利 R & D PATENTS 4



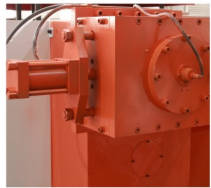
高性能冷室压铸机系列 DC2000H

High Performance Cold Chamber Die Casting Machine Series DC2000H

性能

Performance

- +最大空压射速度 > 8m/s
- +增压建压时间 ≤ 15ms
- + Maximum idle shot speed > 8m/s
- + Pressure build up time ≤ 15ms



前抽杠快速换模
Quick Die change with front draw bar

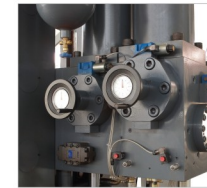


一体式双顶针缸
One-piece double ejector cylinder

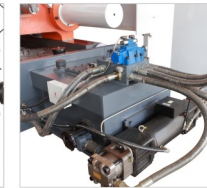


高强度的机铰设计
High strength toggle design

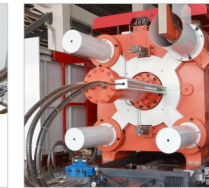
- 低速段：可进行精确控制，避免空气卷入起藏气问题。
- 高速段：可迅速达至高速，有效控制填充时间及铸件成型效果。
- 增压段：可按工艺改变增压速度，加强铸件密度而不引起变形。
- Low-speed stage ; it can be accurately controlled to avoid the air involved in gas accumulation.
- High speed stage ; can quickly reach high speed, effectively control the filling time and casting molding effect.
- pressure-boosting stage : the pressurization speed ; speed can be changed according to the process to strengthen the casting density without causing deformation.



可靠的前置增压系统
Reliable front setting
pressurization system



高速节能伺服系统
High speed energy saving
servo system



精密可靠调模系统
Precise and reliable mould
adjusting system



高性能冷室压铸机系列 DC550H High Performance Cold Chamber Die Casting Machine Series DC550H

性能 Performance

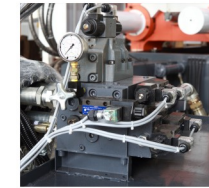
+最大空压射速度 > 9m/s
+ 增压建压时间 ≤ 15ms
+ Maximum idle shot speed > 9m/s
+ Pressure build up time ≤ 15ms

- 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。
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新一代冷室压铸机/高效/稳定/可靠 New Generation Cold Chamber Die Casting Machine/high Efficiency/Stability/Reliability



新一代稳定可靠的压射系统
New generation of stable and reliable injection system



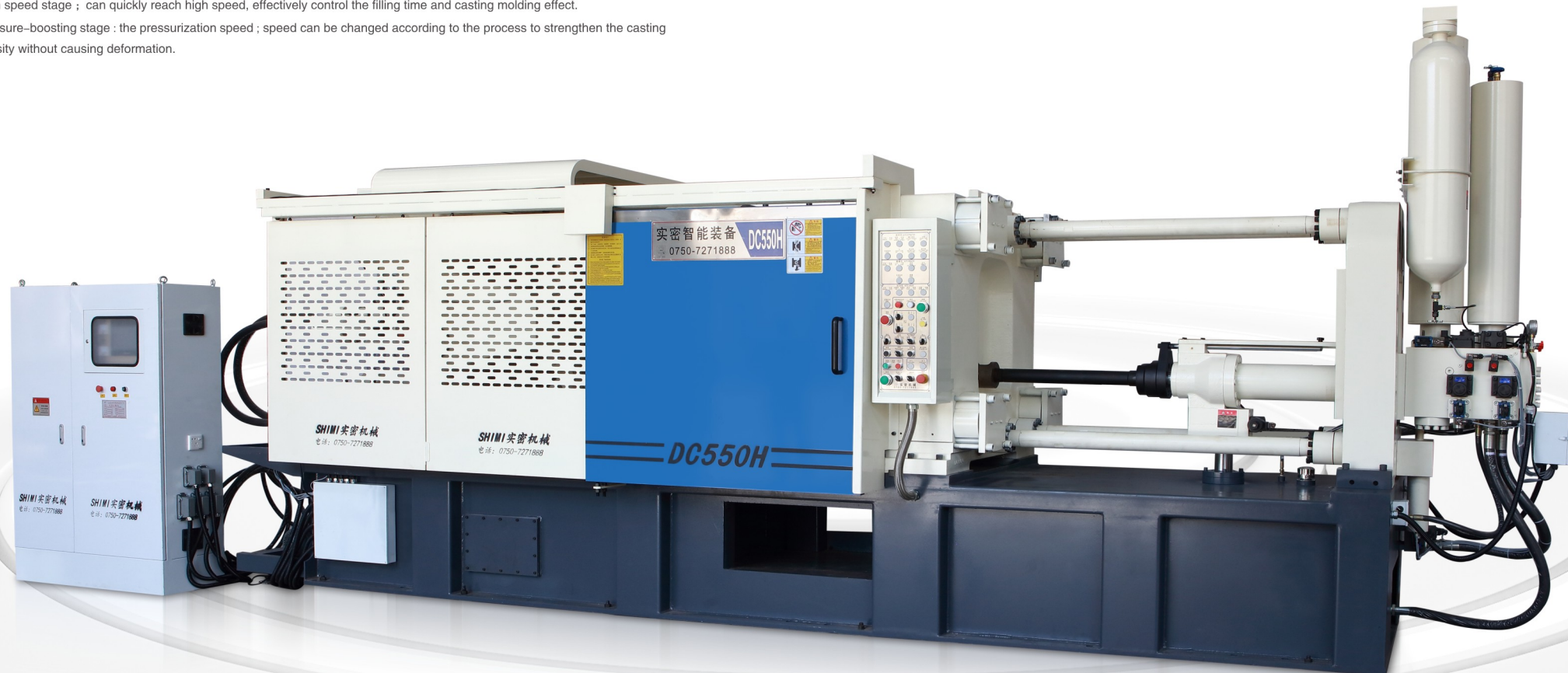
新一代锁模液压系统
New Generation hydraulic system for mould locking



双顶针缸结构
Double ejector cylinder structure



加强型机铰结构设计
Structural design of reinforced hinge



高性能冷室压铸机系列 DC400H

High Performance Cold Chamber Die Casting Machine Series DC400H

性能

Performance

- +最大空压射速度 > 9m/s
- + 增压建压时间 ≤ 15ms
- + Maximum idle shot speed > 9m/s
- + Pressure build up time ≤ 15ms

- 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。
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新一代冷室压铸机/高效/稳定/可靠

New Generation Cold Chamber Die Casting Machine/High Efficiency/Stability/Reliability

实密冷室压铸机被广泛应用于汽车零部件、灯饰、电机、运动器材、电动工具、家电、自行车、燃气具、船舶等众多五金制品行业中。ShiMi die-casting machines are widely used to automobile parts, lighting, motor, sport equipment, electric tools, home appliances, bicycles, gas appliances, ships and many other hardware products.



暖气片
Radiator



电机外壳
Motor housing



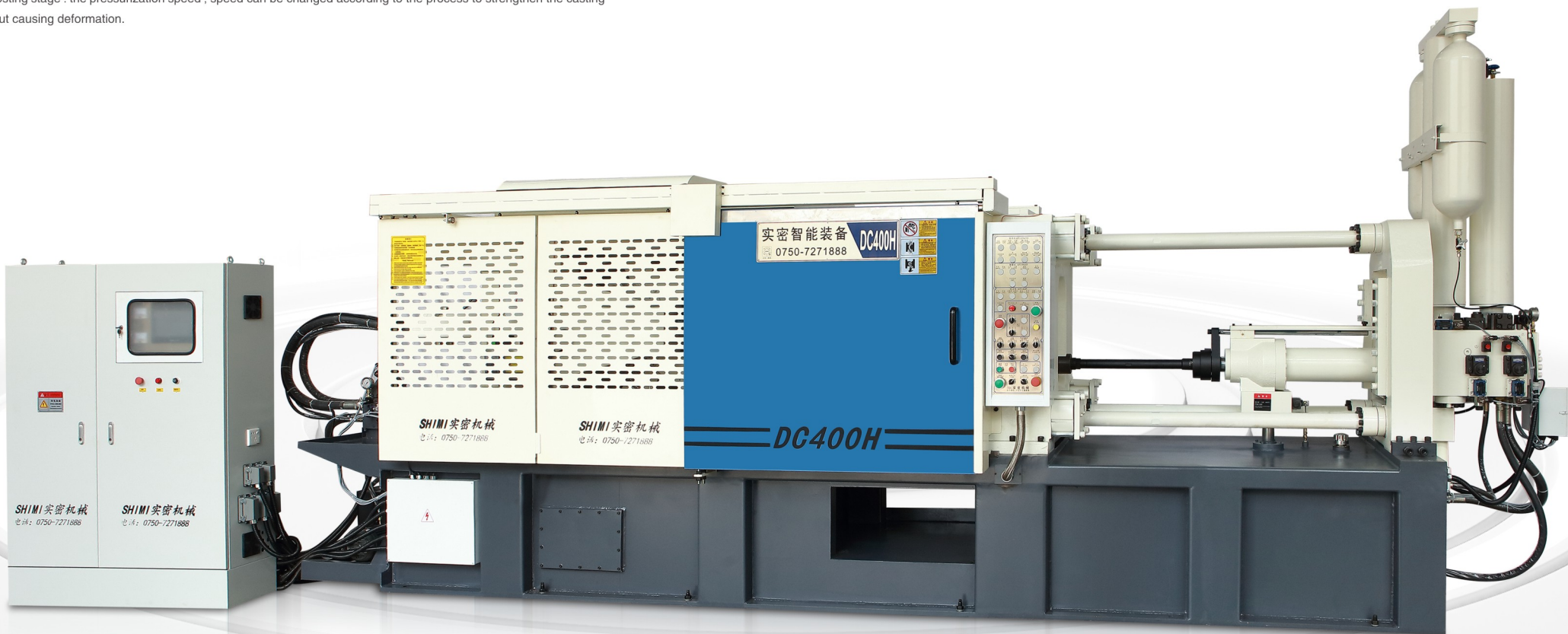
烤锅/烤盘
cook pot/pan



门把手
door handles



路灯
Street lamps



高性能冷室压铸机系列 DC238

High Performance Cold Chamber Die Casting Machine Series DC238

性能

Performance

- +最大空压射速度 > 9m/s
- + 增压建压时间 ≤ 15ms
- + Maximum idle shot speed > 9m/s
- + Pressure build up time ≤ 15ms

- 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。
- Low-speed stage ; it can be accurately controlled to avoid the air involved in gas accumulation.
- High speed stage ; can quickly reach high speed, effectively control the filling time and casting molding effect.
- pressure-boosting stage : the pressurization speed ; speed can be changed according to the process to strengthen the casting density without causing deformation.

新一代全数字化控制系统

New Generation Of All-digital Control System

实密冷室压铸机被广泛应用于汽车零部件、灯饰、电机、运动器材、电动工具、家电、自行车、燃气具、船舶等众多五金制品行业中
ShiMi die-casting machines are widely used to automobile parts, lighting, motor, sport equipment, electric tools, home appliances, bicycles, gas appliances, ships and many other hardware products.



电动工具
Power Tools

五金饰品
Hardware accessories

鼓风机外壳
Blower housing

指纹锁外壳
Fingerprint lock housing

灯饰
Lighting



冷室系列控制节能压铸机的特点、优势。

Features And Advantages Of Dc Series Cold Chamber Die Casting Machines.



加强型机铰设计 Reinforced toggle design

锁模单元采用五点式机铰设计专用软件，优化连杆结构提升运动特性。
销轴钢套采用合金钢套(油润滑同时存在)减少了润滑次数及防止无油时机铰咬死。
Mold clamping unit adopts Five-dot type toggle design, which optimized structure of connecting rod and enhanced movement ability.
The steel bushing of toggle pin adopts alloy steel bushing (oil lubrication exist simultaneously), which reduce times of lubrication and prevent locking of toggle when no oil.



新一代稳定可靠压射系统 New Generation Stable and Reliable Injection System

采用17.5Mpa系统压力,最大空压射速度达到8~9.5m/s,压射力增加5~8%左右,对壁厚、致密性和表面光洁度有要求的产品更易成型,有效果减少压铸件气孔率,特别适合汽车铸件及受力铸件。

Using 17.5Mpa system pressure, the maximum idle shot speed reaches to 8~9.5m/s, the injection force increases about 5~8%, it is more easier to molding to products with thin wall or high requirement on density and surface finish, to reduce porosity of die castings effectively, especially suitable for automotive castings and stress castings.

模板和导柱系统 Platen and Tie Bar System

模板等主要零件经过多次优化设计，在通过有限元软件的分析基础上，再进行模板的强化设计(铸件再次加厚或支撑筋增加等)，即保证模板的寿命同时也保护了模具。每种机型的拉杆均通过最专业的检测机构进行测试，保证机器在运作时，拉杆的变形量处于合理范围。

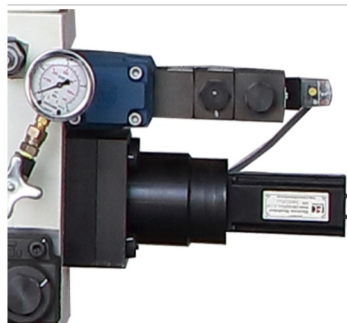
The optimal design of platens have been carried out multiple times through analysis of finite element software, then strengthening design (increased thickness and support ribs of castings), which both guarantee the service life of platen and mold. The tie bars of each machine have passed the test by professional testing organization, to ensure the deflection of tie bars within reasonable scope during the operation of machine.



伺服节能系统 Servo energy saving system

采用伺服动力系统设计，节能45~75%,系统压力流量双闭环控制，动作反应迅速，机器运行更平稳。

Servo power system design, energy saving 45 ~ 75%, system pressure and flow double closed-loop control, quick reaction, the machine runs more smoothly.



电动调节阀系统 Electric control valve system

电动调节阀压射速度控制精度更高。调节方便省力。
The electric control valve achieves higher precision in injection speed control. Convenient and labor-saving adjustment.



全自动集中润滑系统 Automatic centralized lubrication system

中央自动润滑系统，定时润滑机铰提高机械寿命及减少维修。
Central automatic lubrication system, timing lubrication toggle to improve mechanical life and reduce maintenance.

实密新一代冷室机压铸单元相关配置

Related Configuration Of Die Casting Unit Of
New Generation Cold Chamber Machine



耐高温输送带
High temperature resistant conveyor belt



伺服控制系统
Servo control system



液压切边机
Hydraulic trimming machine



模温机
Mold temperature controller



连杆式伺服喷雾机
Single Arm Automatic Servo Spraying Machine



坩埚熔炉
Melting Furnace, electric or gas or diesel oil for option.



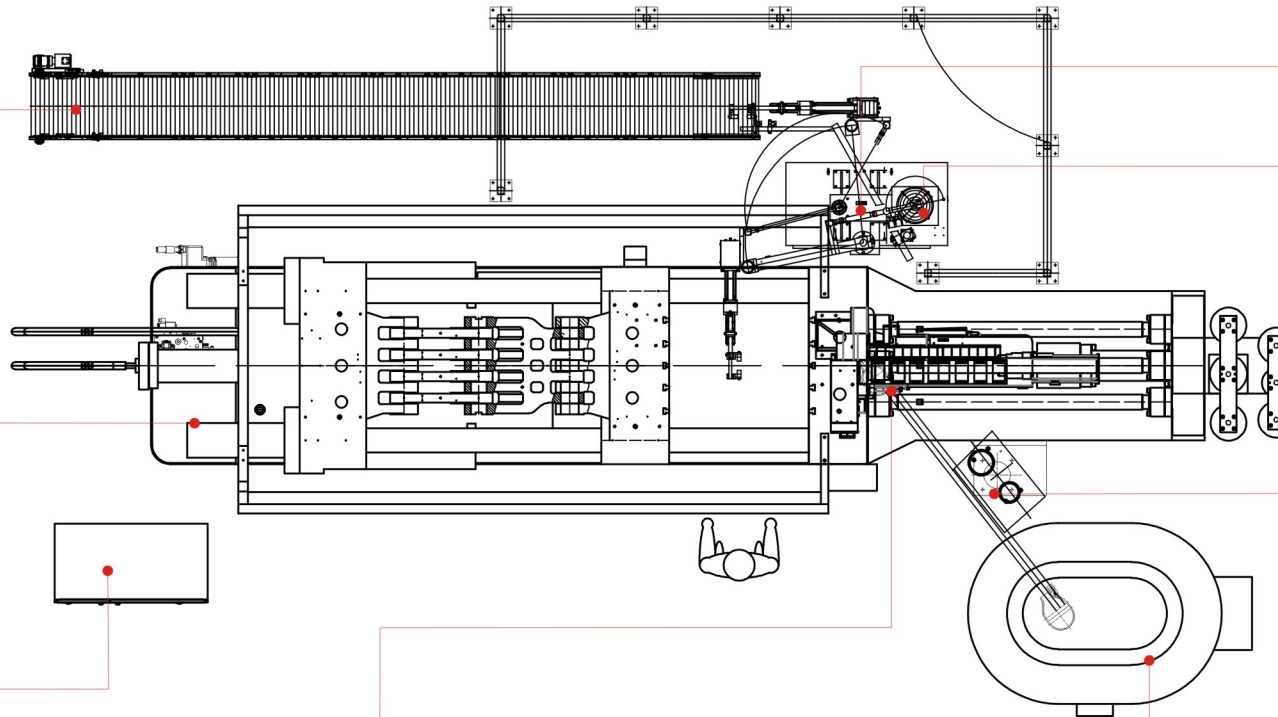
取件机
Automatic Extractor



LT通用型系列机械手(LT1850-D-6)
LT universal series manipulator(LT1850-D-6)



五连杆给汤机
Five-Point linkage Automatic Ladle Machine



立式高性能冷室压铸机系列 DL90T-DL1000T

High Performance Vertical Cold Chamber Die Casting Machine Series DL90T - DL1000T

性能

Performance

- +最大空压射速度> 8m/s
- +最快空循环时间<15s
- + Maximum idle shot speed > 8m/s
- + Pressure build up time ≤ 15ms

立式压铸机优点

- 1.相对于卧式机:合金溶液在模具充型过程中, 溶液不受重力影响, 模具内部气体更容易排出, 产品气密度会更好;
- 2.合金溶液夹渣:受合金溶液重力影响, 卧式机注射方式原因, 会造成夹渣去向不稳定, 立式压铸机可以避免此类问题:

Advantages of vertical die casting machine

- 1.Relative to the horizontal machine: In the mold filling process, the alloy liquid is not affected by gravity, gas inside mold internal is more easier to discharge, the density of casting products will be better.
2. Alloy liquid slag: Under the influence of gravity of alloy liquid, due to injection mode of horizontal machine, it will cause unstable direction to slag, vertical die-casting machine can avoid this kind of problem.

产品展示

Product display



立式高性能热室系列 DM25T-DM68T

High Performance Vertical Hot Chamber Die Casting Machine Series DM25T - DM68T

产品应用

Product applications

实密热室压铸机被广泛应用于卫浴、服装、箱包、运动器材、五金饰品、电工电子、儿童玩具、渔具、家居、航空航天等众多五金制品行业中。
ShiMi Hot Chamber Machines are widely used to sanitary ware, clothing, bags, sport equipment, hardware jewelry, Electrical and electronic, Children's toys, fishing, home appliances, aerospace and many other hardware products.

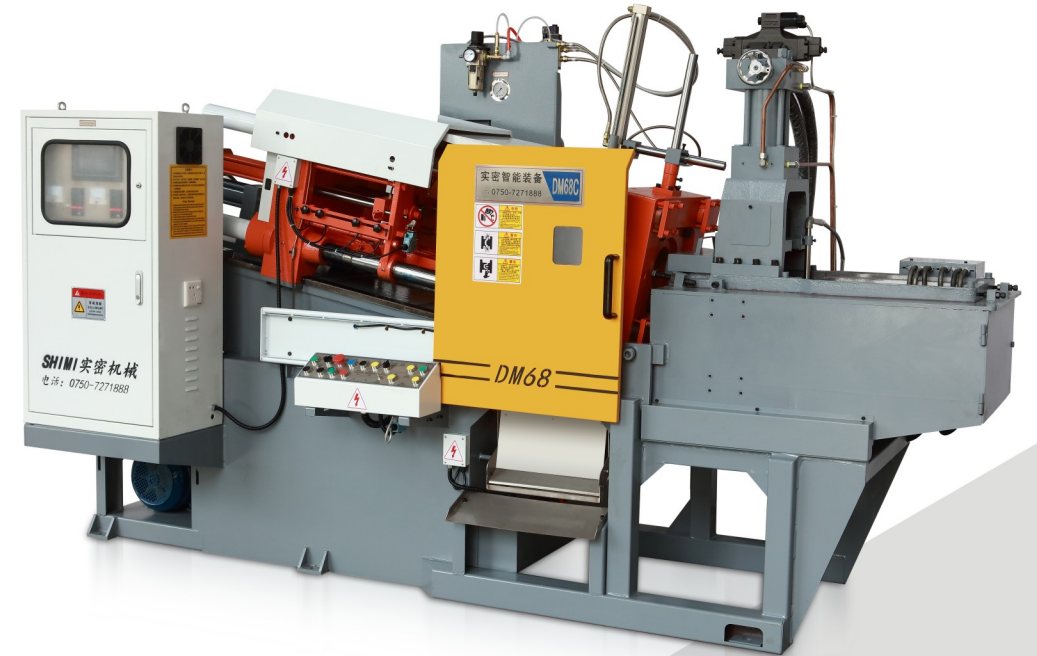
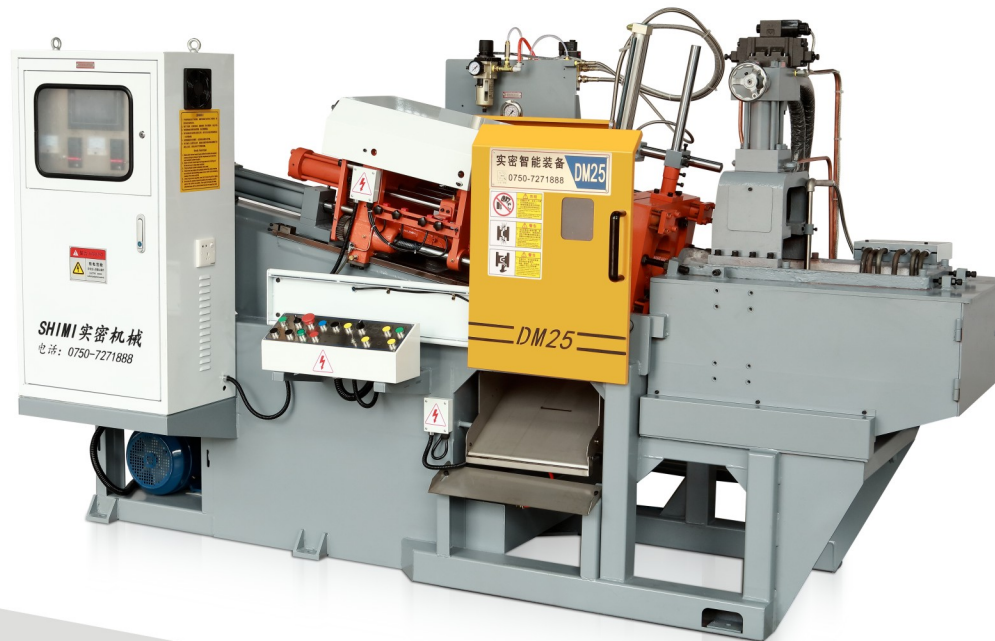
产品展示

Product display



热室系列-快速料杯机DM25T

Hot Chamber Series - Fast Cup Type Machine DM 25T



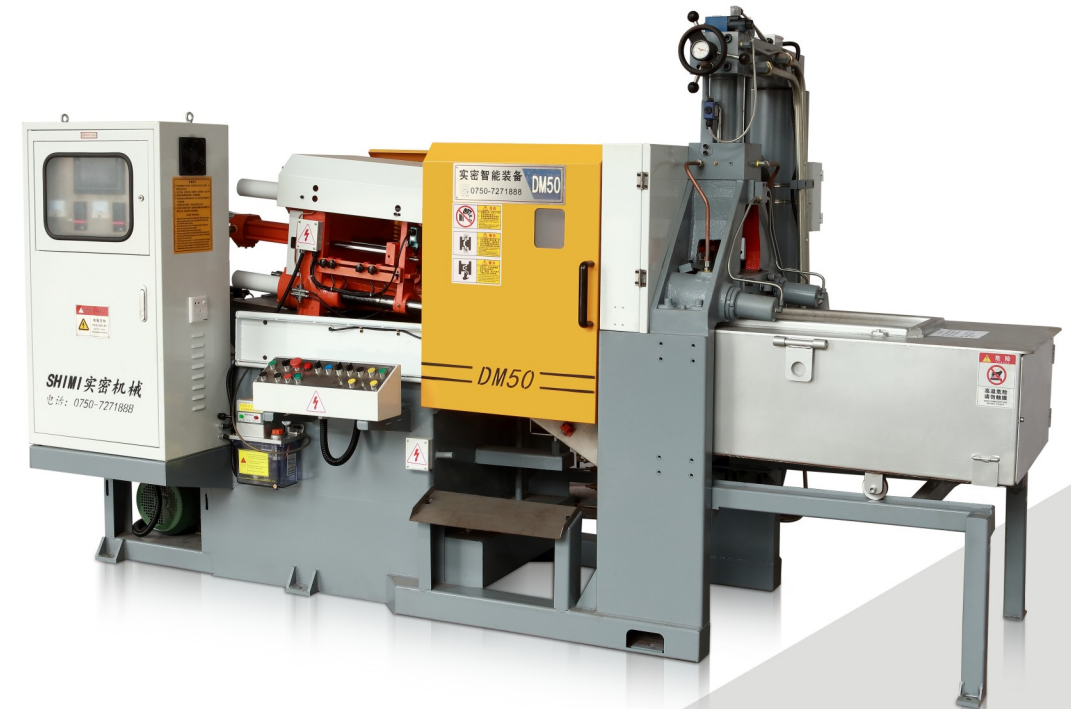
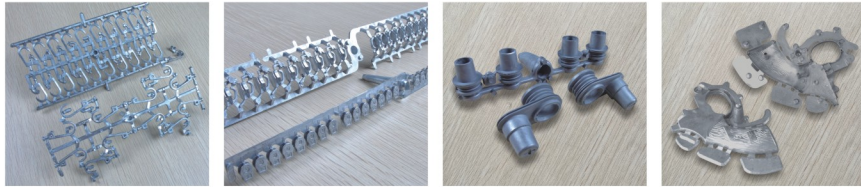
热室系列-快速料杯机DM68

Hot Chamber Series - Fast Cup Type Machine DM 68T



热室系列-快速料壶机DM30T

Hot Chamber Series - Fast Pot Type Machine DM 30T



热室系列-快速料壶机DM50T

Hot Chamber Series - Fast Pot Type Machine DM 50T



全新一代锌合金压铸机

New Generation Zinc Alloy Die-casting Machine

- 1、不锈钢锌锅:不锈钢锌锅相比普通不锈钢锌锅, 抗腐蚀能力强, 更经久耐用。
- 2、主要电气元件:电控部分配置施耐德和欧姆龙电气元件、台达PLC、威纶显示屏。
- 3、液压控制阀:液压控制主要配置德国力士乐油阀和台湾油研阀和油泵。
- 4、旋转落料斗:机器半自动运行时,落料斗可旋转到机前位置(用于冷模或新模试压产品);机器自动运行时,落料斗可旋转90° 到炉底位置(自动线传输位置, 全自动生产)。

1. Stainless steel Pot for zinc : strong corrosion resistance, more durable .
2. main electrical components: electronic control parts are Schneider and Omron electrical components. Delta PLC and Weinview display.
3. Hydraulic Control Valve and Oil Pump : Rexroth Germany and Yuken Japan
4. Rotating hopper : when machine under mode of semi-automatic, the hopper can be rotated to the front of the machine (for cold mold or new trial mold) ; when under mode of full automatic production , the hopper can be rotated 90 ° to the bottom of the furnace (automatic line of transmission position, fully automatic production).

主电箱
Main Panel

模厚模薄调节装置
Mold Thin / Thickness
Adjustment Device

安全门
Safety Door

操作面板
Operation Panel

油泵马达
Oil Pump Motor

气击击落装置
Pneumatic knockdown
Device

射料装置
Injection Device

油压扣/离油缸
Hydraulic nozzle moving
Device

光波熔炉
Furnace

旋转落料斗
Rotating hopper

- 5、自动停泵:机器运转在一段(时间可自行设定)内无动作时,电机油泵会停止运转,减少电量和油泵损耗(如:机器试压模、修模操作人员未按急停按钮或机器长时间报警 时, 超过设定时间, 电机油泵会自动停止工作), 主要为了减少安全事故发生。
- 6、自动泄压:机器出现故障急停时, 系统压力自动泄压(避免机器长时间停机或故障报警急停时,机器处于高压状态, 可延长油封使用寿命及减少安全事故的发生), 主要为了减少安全事故发生,
- 7、整机密封件:密封件选用进口油封。

- 5, Automatic Pump Stop : The machine has no action in a period of time (time can be set), the motor pump will stop running, reduce the power and oil pump loss. (such as mold trail, mold repairman did not press the emergency stop button or the machine alarm for a long time , over the set time, the motor oil pump will automatically stop working), mainly aim to reduce the occurrence of safety accidents.
- 6, Automatic pressure release : when emergency stop due to failure of machine, the system pressure automatic releasing, (to avoid machine under mode of high pressure for long time when machine stop or Emergency stop due to failure of machine, to prolong the service life of oil seals), mainly aim to reduce the occurrence of safety accidents.
- 7, Seal elements of whole machine : seal elements are imported from abroad.

热室系列 DM90T-DM400T

Hot Chamber Die Casting Machine Series DM90T - DM400T

- 1、采用快速差动再生锁模油路系统，开锁模动作运行平稳快速，提高生产效。
- 2、标配液压抽芯阀动型板1组。
- 3、台达和欧姆龙控制系统，威纶触控屏，方便操控，丰富的各项功能页面，满足压铸工艺的调控。
- 4、强大参数储存功能，方便以后生产调用，提高生产效率，保持产品质量一致。
- 5、机身线路采用耐油耐温且外包钢丝护网电线，即使在恶劣的环境都很好防护，保证正常生产。

- 1, Adopt the fast differential regeneration mold-clamping hydraulic system, the movement of mold clamping/open runs smoothly and quickly, improving the production efficiency.
- 2, Standard hydraulic core-pulling valve is one group to movable die platen.
- 3, Delta and Omron control system, Weinview touch screen, easy to operation, substantial functional pages to meet the die-casting process control.
- 4, Powerful parameter storage function, convenient for production calls, improve production efficiency, keep product quality consistent.
- 5, The fuselage line is oil-resistant and heat-resistant and covered with steel wire mesh, for very good protection even in the harsh environment, ensure normal production.

新一代锌合金压铸机/高效/高精度/高稳定性

New Generation Zinc alloy die casting machine/high efficiency/high precision/high stability

实密热室压铸机被广泛应用于卫浴、服装、箱包、运动器材、五金饰品、电工电子、儿童玩具、汽配件、家居、航空航天等众多五金制品行业中。ShiMi Hot Chamber Machines are widely used to sanitary ware, clothing, bags, sport equipment, hardware jewelry, Electrical and electronic, Children's toys, fishing, home appliances, aerospace and many other hardware products.



热室系列控制特点

Features of Hot Chamber Die Casting Machines Series



先导式溢流控制液压系统
Pilot overflow control hydraulic system

智能动态运转、节能率高、清除高压节流、降低油温。
Intelligent dynamic operation, high energy-saving rate, high pressure throttling, low oil temperature.

压射系统 Injection system

- 采用一个独立的高速储能器,有充足的储压容量,保证稳定的压射力。
- 宽幅的压射速度调整范围。
- 高速压射最大空压射速度稳定, 生产高品质铸件的保证。
- 油压冲击小, 重复精度高, 适合生产高致密铸件。
- 气囊和活塞式储能结构, 提高动作反应, 改善压射系统的整体性, 减少漏油点。
- An independent high-speed accumulator with sufficient pressure storage capacity ensures a stable injection force.
- Wide range of injection speed adjustment.
- High-speed injection maximum air injection speed stability, production of high-quality castings guarantee.
- Low oil pressure impact, high repeat precision, suitable for production of high-density castings.
- Air Bag and piston type energy storage structure, improve action response, improve the integrity of the injection system, reduce oil leakage points.



电气控制系统 Electrical control system

- 为了满足不同地区客户的需求, 控制系统和触摸屏分别有不同选项供客户选择: 西门子、台达或欧姆龙控制系统; 西门子、台达或威纶触摸屏。方便操控, 丰富的各项功能页面, 满足压铸工艺的调控。
- 强大参数储存功能, 方便以后生产调用, 提高生产效率, 保持产品质量一致。
- 机身线路采用耐油耐温目外包钢丝护网电线, 即使在恶劣的环境都很好防护, 保证正常生产。
- 独特的旋转落料斗位置选择, 可供客户根据厂房情况选择更好的落料方式。
- In order to meet the needs of customers in different regions, the control system and touch screen have different options for customers to choose: Siemens, Delta or Omron control system; Siemens, delta or Vallon touch screen. Easy to control, a wealth of functional pages to meet the die-casting process, the regulation.
- Powerful parameter storage function, convenient for later production call, improve production efficiency, keep product quality consistent.
- The fuselage line adopts oil-resistant and heat-resistant wire wrapped with steel wire mesh, even in bad environment, it is well protected to ensure normal production.
- Unique position selection of rotary blanking Hopper, allowing customers to choose a better blanking method according to plant conditions.



锁模系统 Mold Clamping System

- 四条大缸导柱, 采用高拉力钢为原材料, 表面再经高频热处理加硬、外层再电镀硬铬、高耐磨性、延长机械使用寿命。
- 三大模板和机铰采用高强度球墨铸铁, 曲肘连杆五点扩力结构, 提供强大的锁模力。
- 锁模动作分多级压力和速度控制及低压锁模保护功能。
- 油缸液压顶出设计, 提供平衡的顶出力, 减少产品顶出变形的因素。
- 采用中央电动润滑系统, 先进的逐点定量式润滑, 保证远近各润滑点润滑均匀, 而且有液位及压力报警功能, 确保机器良好的润滑效果。
- 机器配置模具冷却水接口, 方便安装操作。
- Four tie bars using high-tension steel as raw material, the surface is hardened by high-frequency heat treatment, the outer layer is re-plated with hard chromium, high abrasion resistance, and prolong the service life of the machine.
- High strength nodular cast iron is used in the three platens and toggle and the five-point expanding force structure of the connecting rod is used to provide strong clamping force.
- Multi-stage pressure and speed control and low-voltage mold-locking protection.
- Cylinder hydraulic ejector design, to provide a balanced ejection force, reduce the product ejection deformation factors.
- Central electric lubrication system, advanced point-by-point quantitative lubrication, to ensure that all points near and far lubrication uniform, and liquid level and pressure alarm function, to ensure good machine lubrication effect.
- The machine is equipped with mould cooling water contact for easy installation and operation.



液压系统 Hydraulic System

- 采用一个独立的高速储能器,有充足的储压容量,保证稳定的压射力。
- 压射速度可单独控制, 反应灵敏、动作平稳。
- 压射动作由一段速控制, 配合特定的波压系统, 适用各种表面要求较高的产品工艺要求。
- 宽幅的压射速度调整范围。
- 高速压射最大空压射速度稳定, 生产高品质铸件的保证。
- 油压冲击小、重复精度高, 适合生产高致密铸件。
- 胶囊式储能结构, 提高动作反应速度, 改善压射系统的整体生产效率和产品质量要求。
- 采用快速锁模油路系统, 提高生产效率。
- 使用可靠品牌液压元件(东京计器、油研等品牌)。
- An independent high-speed accumulator with sufficient pressure storage capacity ensures a stable injection force.
- The injection speed can be controlled separately, the reaction is sensitive and the action is stable.
- Injection action by a speed control, with a specific wave pressure system, suitable for a variety of surface requirements of the product process requirements.
- Wide range of injection speed adjustment.
- High-speed injection maximum air injection speed stability, production of high-quality castings guarantee.
- Low oil pressure impact, high repeat precision, suitable for the production of high-density castings.
- The capsule energy storage structure can improve the action reaction speed, improve the overall production efficiency and product quality requirements of the injection system.
- Adopt fast mode-locking oil circuit system to improve production efficiency.
- The use of reliable brand hydraulic components (Tokyo Keiki, Yuken and other brands).

锌合金热室机自动化生产线相关配置

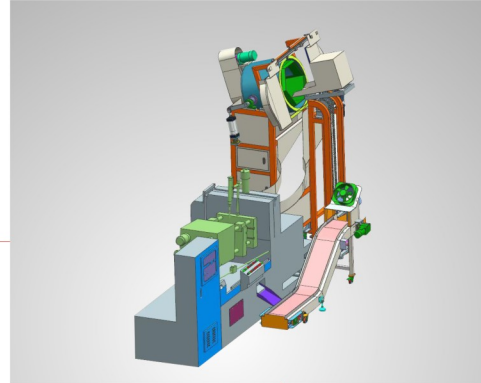
Automation Production Line of Zinc Alloy Hot Chamber Die Casting Machines



产品输送带
Product conveyor belt



产品自动滚筒
Product Automatic Roller



单机自动化滚筒1
Single Machine Automatic Drum 1



单机自动化滚筒2
Single Machine Automatic Drum 2



超声波分离机
Ultrasonic separator



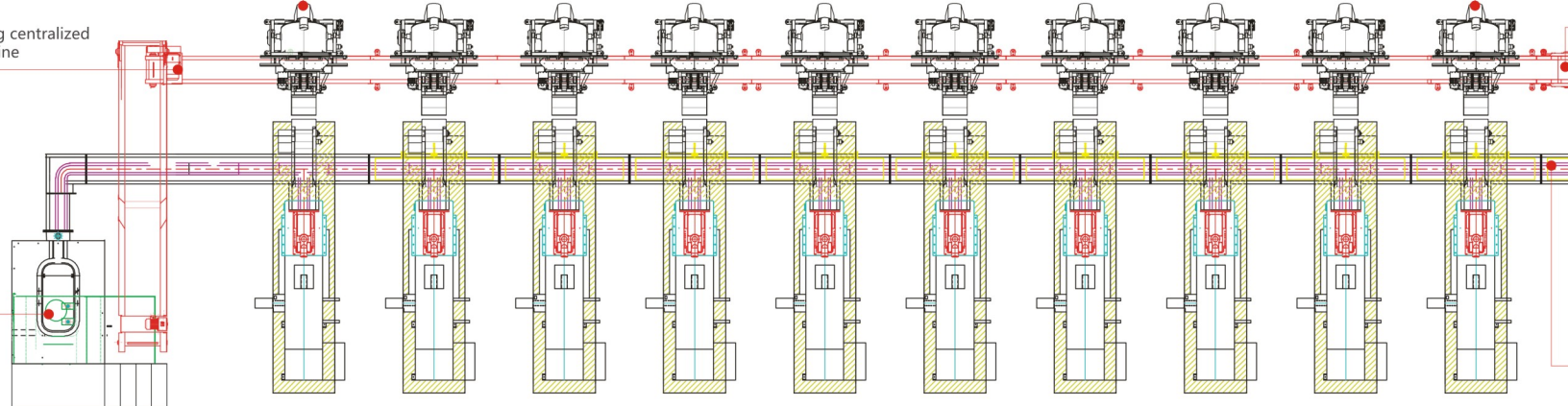
取件喷雾一体机
pick-up spray integrated machine



料口回收输送线
Feed Inlet recovery conveyor line

料口集中回收输送线
The material feeding centralized
recovery conveyor line

中央熔炉
The central furnace



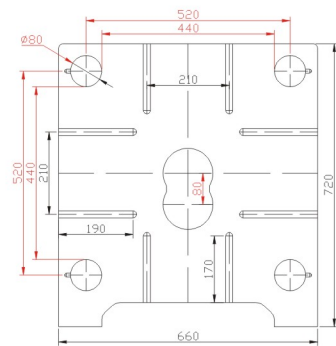
横梁型或管道型加料线
Beam type or pipe type feeding line

中央熔炉锌合金自动化压铸生产线
Automatic die casting line for zinc alloy in central furnace

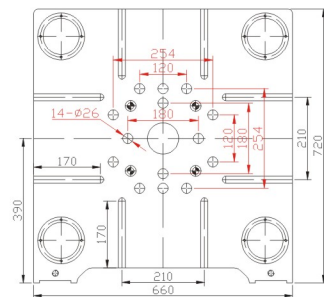
冷室系列模板尺寸图

Die Platen Drawing of DC Series Cold Chamber Die Casting Machines

DC130T 模板图

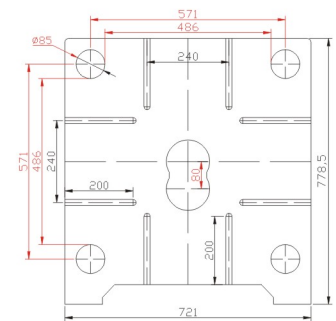


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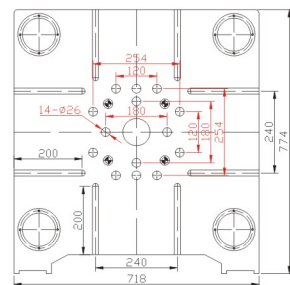


动板

DC180T 模板图

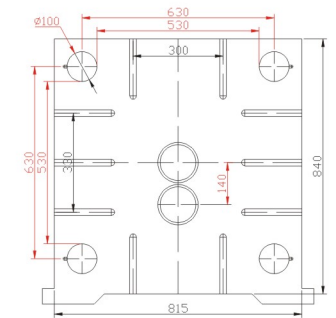


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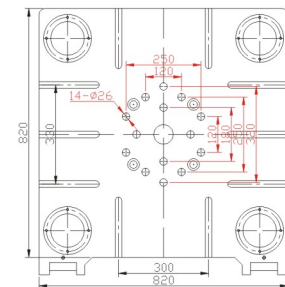


动板

DC238T 模板图



头板

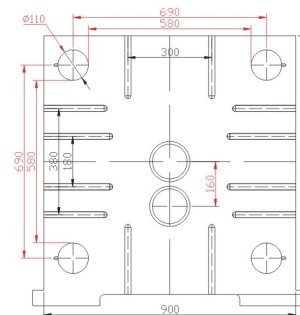


动板

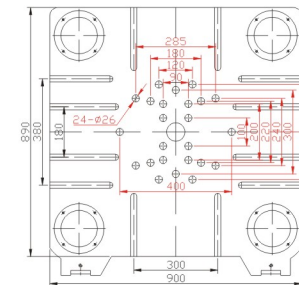
※ 备选项 我司保留权利作出任何技术数据修改而不另行通知。
机器外型尺寸不包括熔炉及控制电箱。

Our company reserves the right to make any data changes without notice.
Size of the machine not includes furnace and control box .

DC300T 模板图

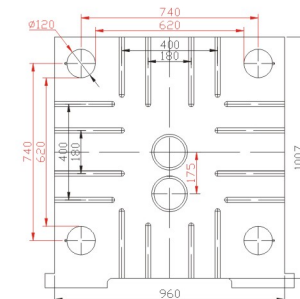


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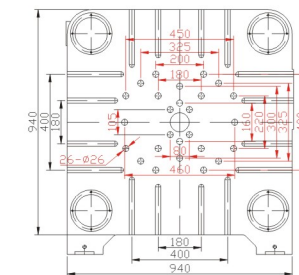


动板

DC350T 模板图

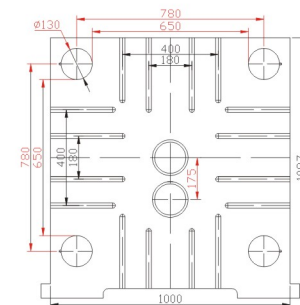


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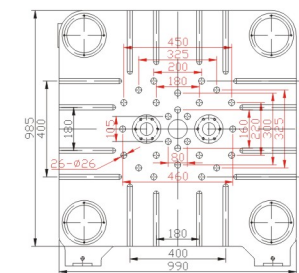


动板

DC380T 模板图



头板



动板

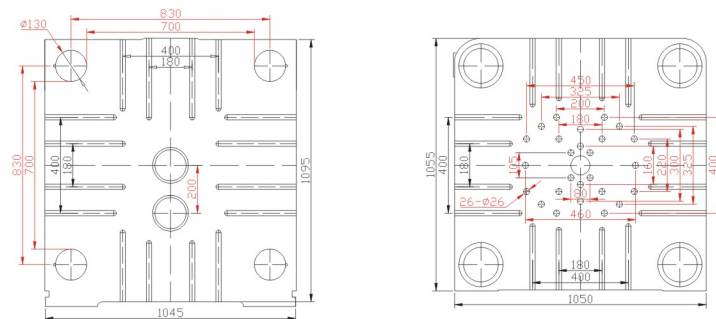
※ 备选项 我司保留权利作出任何技术数据修改而不另行通知。
机器外型尺寸不包括熔炉及控制电箱。

Our company reserves the right to make any data changes without notice.
Size of the machine not includes furnace and control box .

冷室系列模板尺寸图

Die Platen Drawing of DC Series Cold Chamber Die Casting Machines

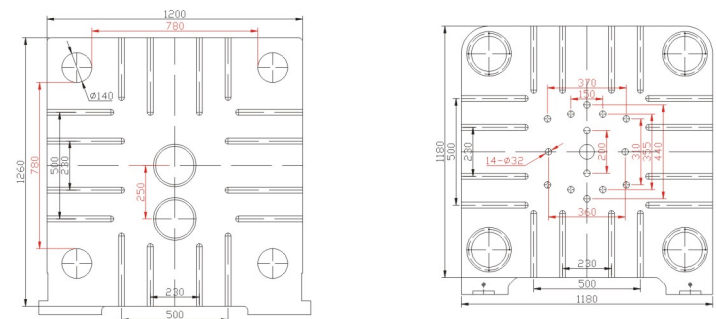
DC400T 模板图



头板

动板

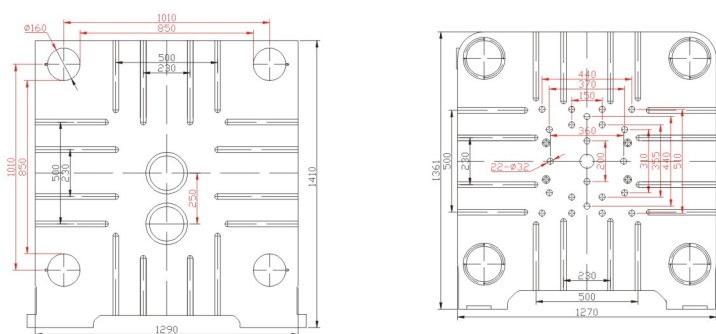
DC550T 模板图



头板

动板

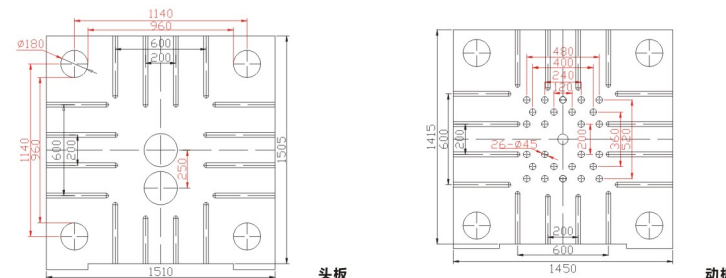
DC700T 模板图



头板

动板

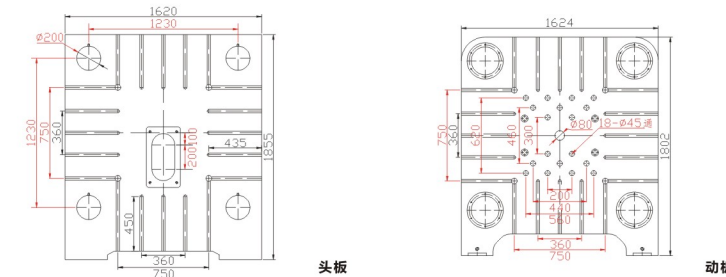
DC900T 模板图



头板

动板

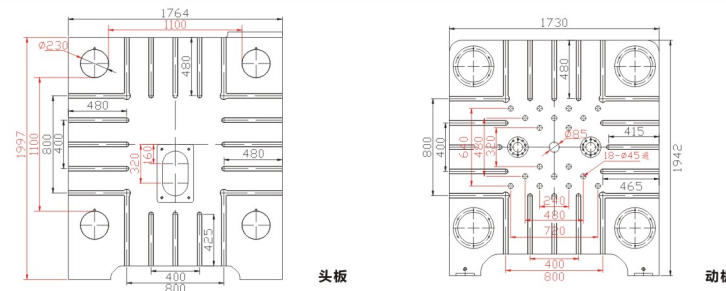
DC1000T 模板图



头板

动板

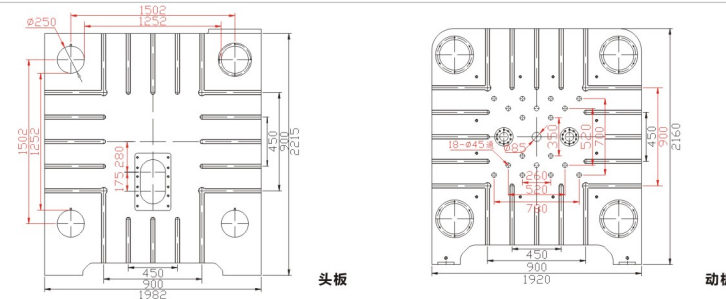
DC1300T 模板图



头板

动板

DC1650T 模板图



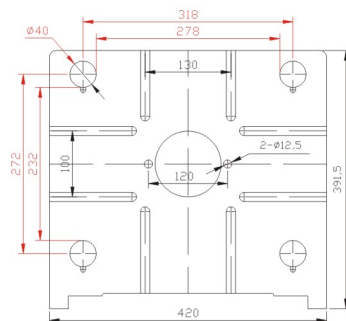
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动板

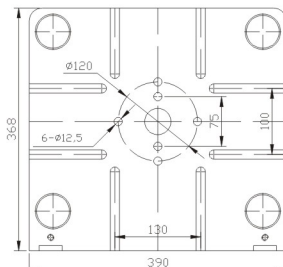
热室系列模板尺寸图

Platen Drawing of DM Series Hot Chamber Die Casting Machines

DM25T 模板图

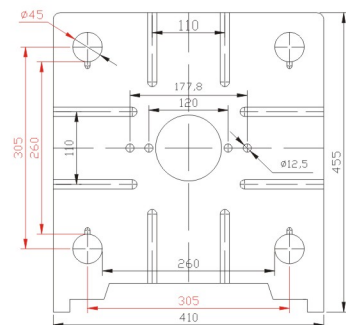


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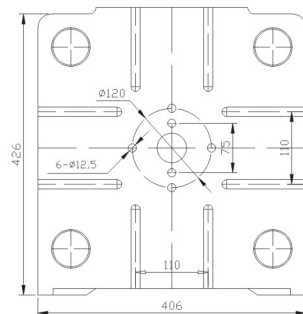


动板

DM28T 模板图

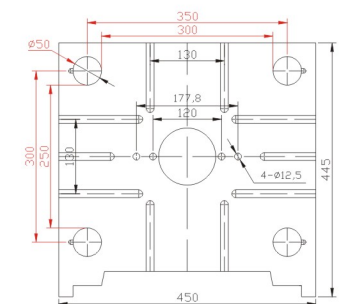


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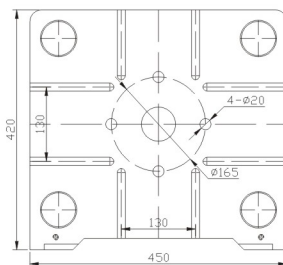


动板

DM30T 模板图

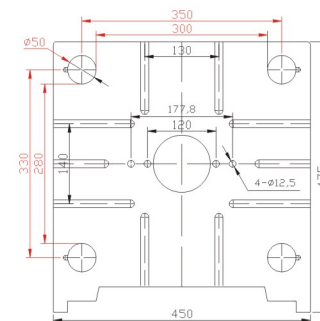


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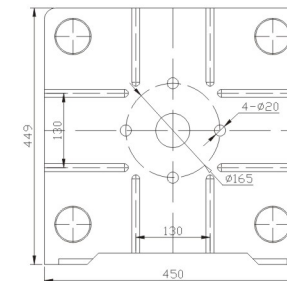


动板

DM38T 模板图

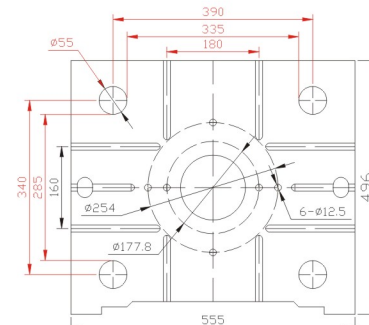


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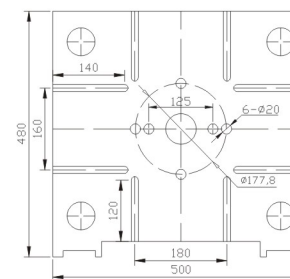


动板

DM50T 模板图

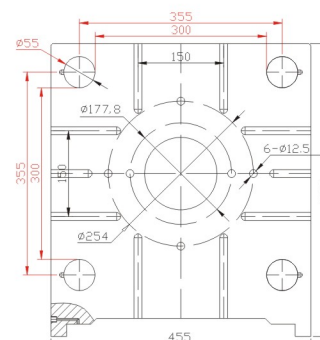


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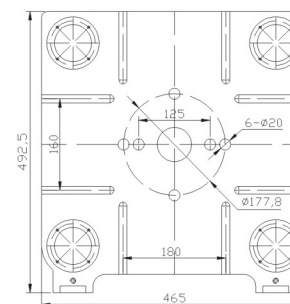


动板

DM50TC 模板图



头板

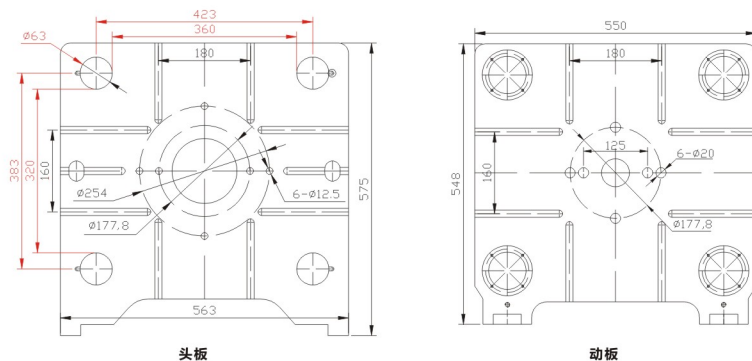


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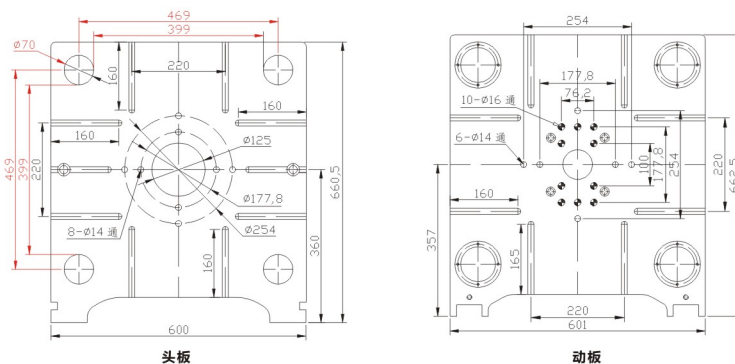
热室系列模板尺寸图

Platen Drawing of DM Series Hot Chamber Die Casting Machines

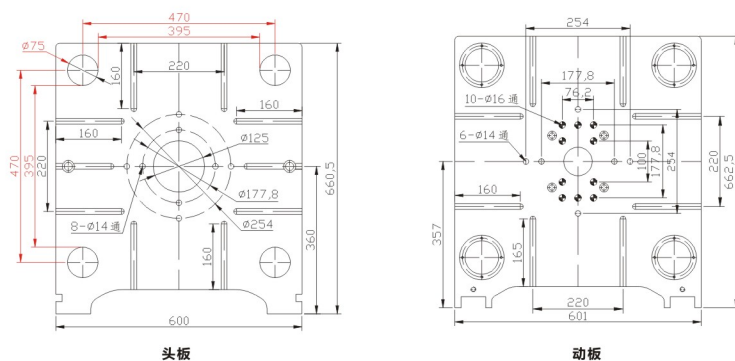
DM68T 模板图



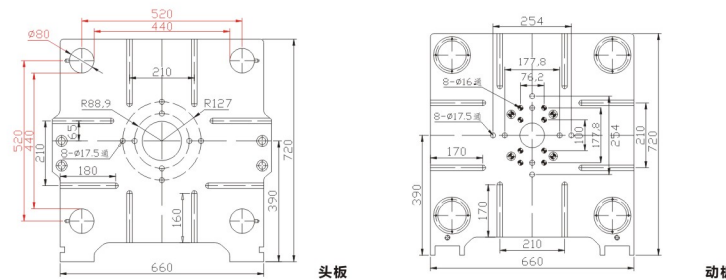
DM90T 模板图



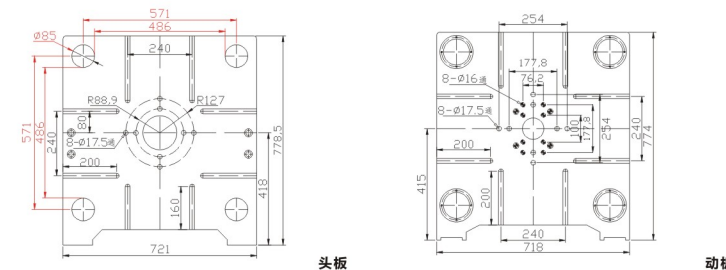
DM100T 模板图



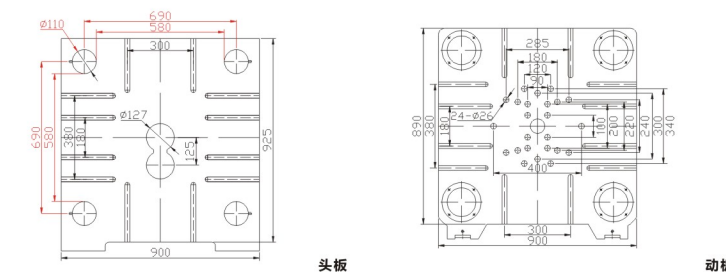
DM138T 模板图



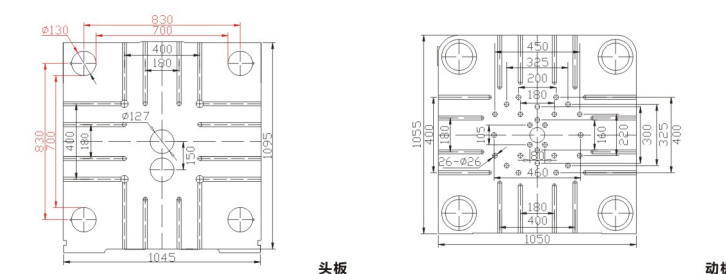
DM168T 模板图



DM300T 模板图



DM400T 模板图



DC冷室压铸机技术参数表
Technical Parameters of DC Series Cold Chamber Die Casting Machines

序号 No.	配置项目 Item	单位 Unit	DC130T	DC180T	DC238T	DC300T	DC350T	DC380T	DC400T	DC550T	DC700T	DC880T
1	合模力 Clamping Force	KN	1300	1800	2380	3000	3500	3800	4000	5500	7000	8800
2	合模行程 Clamping stroke	mm	350	350	400	460	500	520	550	600	650	760
3	顶出力 Ejecting force	KN	110	110	170	220	220	265	265	315	315	320
4	顶出行程 Ejection stroke	mm	85	85	100	105	105	125	125	120	150	180
5	模具厚度 Mold thickness	mm	170—490	200—520	220—670	250—700	250—700	250—700	250—750	350—850	300—900	400—950
6	模板尺寸 Platen size(HxH)	mm	660x660	720x720	820x820	900x900	940x940	1000x1000	1050x1050	1160x1160	1270x1300	1450x1415
7	导柱直径 Tie bar Diameter	mm	80	85	100	110	120	130	130	140	160	180
8	导柱内距 Tiebar spacing(WxH)	mm	440x440	486x486	530x530	580x580	620x620	650x650	700x700	780x780	850x850	960x960
9	压射力 Injection Force	KN	190	255	300	370	405	405	405	460	610	665
10	压射行程 Injection stroke	mm	300	340	390	430	500	500	570	600	670	780
11	锤头直径 Plunger Diameter	mm	40/50	40/50/60	50/60/70	50/60/70	60/70/80	60/70/80	60/70/80	70/80/90	80/90/100	90/100/110
12	射料量（铝） Shot Weight (AL)	Kg	0.5/0.7	0.6/0.9/1.3	1.42/2.2/2.8	1.57/2.2/3.0	2.7/3.6/4.8	2.7/3.6/4.8	3.0/4.1/5.1	4.3/5.6/7	4.3/5.8/7.2	9.1/11.2/12
13	射料量（镁） Shot Weight (Mg)	Kg	0.3/0.5	0.4/0.6/0.9	0.94/1.47/1.78	1.1/1.57/2.0	1.9/2.6/3.4	1.9/2.6/3.4	2.2/2.9/3.7	2.9/3.8/4.7	3.3/4.2/5.5	5.5/6.1/7.2
14	铸造压力（增压） Casting Pressure (Intensity)	Mpa	150/95	202/129/90	148/104/75	162/113/83	145/106/82	145/106/82	145/106/82	122/93/74	159/122/96	154/121/98
15	铸造面积 Casting area	CM ²	75/125	85/135/195	145/210/284	182/262/358	275/375/490	275/375/490	320/450/550	405/535/680	395/515/655	580/740/915
16	最大铸造面积 Maximum casting area	CM ²	320	430	620	780	1045	1085	1150	1250	1650	2350
17	压射位置 Injection position	mm	0.—80	0.—80	0.—140	0.—160	0.—175	0.—175	0.—200	0.—250	0.—250	0.—250
18	压射头推出距离 Launch distance of Injection Plunger	mm	100	120	140	150	180	180	200	220	250	300
19	压射室法兰直径 Shot chamber flange diameter	mm	110	110	110	110	110	110	110	165	165	200
20	压室法兰凸出高度 Shot flange protruding plate height	mm	10	10	10	10	10	10	10	15	15	20
21	电机功率 Motor power	KW	15	15	15	22	22	22	22	30	37	45
22	系统压力 System pressure	MPa	14	14	14	14	14	14	15	15	16	16
23	油箱容量 Oil Tank Capacity	L	600	600	600	800	800	800	900	1100	1100	1200
24	机器重量 Weight of Machine	Ton	6	6.5	8.5	11.5	14	15.5	17	25	30	45
25	机身尺寸 Size of Machine	m	5.2x1.3x2.6	5.2x1.3x2.6	5.6x1.3x2.6	6.4x1.5x2.7	6.5x1.6x2.8	6.5x1.6x2.8	6.8x1.7x2.9	7.5x1.95x2.8	7.5x2.0x3.2	9.7x2.1x3.0

重型压铸机参数表（冷室）
Technical Parameters of Heavy Type Cold Chamber Die Casting Machines (DC Series)

序号 No.	配置项目 Item	单位 Unit	DC1000T	DC1300T	DC1650T	DC2000T	DC2500T	DC3000T
1	合模力 Clamping Force	KN	10000	13000	16500	20000	25000	30000
2	合模行程 Clamping stroke	mm	880	1000	1200	1400	1500	1500
3	顶出力 Ejecting force	KN	500	550	600	650	750	900
4	顶出行程 Ejection stroke	mm	200	200	250	300	300	300
5	模具厚度 Mold thickness	mm	450—1150	450—1200	500—1400	600—1600	700—1800	850—2000
6	模板尺寸 Platen size(HxH)	mm	1620x1620	1730x1730	2000x2000	2150x2150	2350x2350	2620x2620
7	导柱直径 Tie bar Diameter	mm	200	230	250	280	310	340
8	导柱内距 Tiebar spacing(WxH)	mm	1030x1030	1100x1100	1250x1250	1350x1350	1500x1500	1650x1650
9	压射力 Injection Force	KN	805	1100	1260	1510	1800	1950
10	压射行程 Injection stroke	mm	850	910	970	1050	1100	1150
11	锤头直径 Plunger Diameter	mm	90/100/110/120	100—140	110—150	120—160	140—180	140—180
12	射料量（铝） Shot Weight (AL)	Kg	10/12.5/15/18	13—36	17—32	22—39	30—55	35—60
13	射料量（镁） Shot Weight (Mg)	Kg	7.2/9/10.8/12.9	9.3—18.7	12.2—23	15.8—28	21.6—39.6	25.2—43.2
14	铸造压力（增压） Casting Pressure (Intensity)	Mpa	126.102.84.71	140—71	132—71	133—75	115—70	125—75
15	铸造面积 Casting area	CM ²	790—1390	885—1735	1200—2220	1400—2630	2150—3500	2360—3920
16	最大铸造面积 Maximum casting area	CM ²	2500	3125	4125	5000	6250	7500
17	压射位置 Injection position	mm	—100.—300	—160.—320	—175.—350	—200.—400	—200.—400	—250.—450
18	压射头推出距离 Launch distance of Injection Plunger	mm	300	350	400	450	450	480
19	压射室法兰直径 Shot chamber flange diameter	mm	240	240	260	260	280	280
20	压室法兰凸出高度 Shot flange protruding plate height	mm	20	25	25	30	30	30
21	电机功率 Motor power	KW	45	74	90	110	135	150
22	系统压力 System pressure	MPa	16	16	16	16	16	16
23	油箱容量 Oil Tank Capacity	L	1500	2000	2500	2800	3000	3200
24	机器重量 Weight of Machine	Ton	70	95	105	130	165	210
25	机身尺寸 Size of Machine	m	10x3.3x3.7	11000x4.0x4.5	12x4.2x4.3	12.7x4.4x4.4	14x4.6x4.5	15x4.8x4.6

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参数表

Technical Parameter of Peripheral Equipment

五连杆式给汤机 Five Point Linkage Type Auto Ladle Machine		规格/机型 Specification/model	SMLB2	SMLB4	SMLB6	SMLB8	SMLBA	SMLBC	
	适用压铸机 Suitable de 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 Ladle Cup 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	SMEH-1#	SMEH-2#	SMEH-3#		SMEH-4#		
	适用压铸机 Suitable de casting machine		130—160T	200—400T	500T		630T—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		≥ 250Kgf		≥ 400Kgf				
	手臂行程 Arm stroke		1560mm	1780mm	2160mm		2250mm		
	风压源 Input air pressure		4—6.5kgf/cm ²						
	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			
单臂伺服喷雾机 Single Arm Servo sprayer		规格/机型 Specification/model	SMSES1	SMSES2	SMSES3		SMSES4		
	适用压铸机 Suitable de 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—6.5kgf/cm ²						
	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/cm ²						
	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		1.0kg	1.5kg	1.5kg		2.0kg		
	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		

DC立式压铸机参数表(冷室)

Technical Parameters of Vertical Cold Chamber Die Casting Machines (DL Series)

配置项目 Item	单位 Unit	DL100T	DL238T	DL300T	DL400T	DL550T	DL700T	DL880T	DL1000T
合模力 Clamping Force	KN	1000	2380	3000	4000	5500	7000	8800	10000
合模行程 Clamping stroke	mm	300	400	460	550	600	650	760	880
顶出力 Ejecting Force	KN	70	170	150	285	315	315	320	500
顶出行程 Ejection Stroke	mm	60	100	105	125	120	150	180	200
模具厚度 Mold thickness	mm	130—430	220—670	250—700	250—750	350—850	300—900	400—950	450—1150
模板尺寸 Platen Size (W*H)	mm	610*610	820x820	900x900	1050x1050	1160x1160	1270x1300	1450x1415	1620x1620
导柱直径 Tie bar Diameter	mm	70	100	110	130	140	160	180	200
导柱间距 Tiebar spacing(WxH)	mm	400*400	530x530	580x580	700x700	780x780	850x850	960x960	1030x1030
压射力(增压) Injection Force(intensity)	KN	150	300	370	480	510	610	665	805
压射行程 Injection stroke	mm	250	300	430	500	500	550	650	720
锤头直径 Plunger Diameter	mm	40/50/60	50/60/70	50/60/70	60/70/80	70/80/90	80/90/100	90/100/110	90—120
射料量 (铝) Shot Weight (AL)	Kg	0.5 / 0.8 / 1.1	1.42/2.2/2.8	1.5/2.1/2.9	2.4/3.2/4.2	3.0 / 3.9 / 5.0	4.3/5.8/7.2	9.1/11.2/12	10—18
射料量 (镁) Shot Weight (Mg)	Kg	0.3 / 0.5 / 0.7	0.9/1.5/1.8	0.9/1.3/1.8	1.5/2.0/2.6	1.9/2.4/3.1	3.3/4.2/5.5	5.5/6.1/7.2	7—13
铸造压力 (增压) Casting Pressure (Intensify)	Mpa	120/78/54	148/104/75	200/140/100	170/125/95	132/100/80	159/122/96	154/121/98	126—71
铸造面积 Casting area	CM ²	83/128/185	145/210/284	150/215/300	235/320/420	415/550/680	395/515/655	580/740/915	790—1390
最大铸造面积 Maximum casting area	CM ²	250	620	750	1000	1300	1650	2350	2500
压射头推出距离 Launch distance of Injection Plunger	mm	100	125	150	190	210	250	300	300
压射室法兰直径 Shot chamber flange diameter	mm	110	110	110	130	130	165	200	240
压室法兰凸出高度 Shot flange protruding plate height	mm	10	10	10	15	15	15	20	20
电机功率 Motor power	KW	11	15	22	22	30	37	45	45
系统压力 System pressure	MPa	11	14	14	14	15	16	16	16
油箱容量 Oil Tank Capacity	L	300	400	600	600	600	700	800	800

DM热室压铸机技术参数表
Technical Parameters of DM Series Hot Chamber Die Casting Machines

配置项目 Item	单位 UNIT	DM25T	DM28T	DM30T	DM38T	DM50T	DM50TC	DM68T	DM90T	DM100T	DM138T	DM168T	DM200T	DM280T	DM400T
合模力 Clamping Force	KN	250	280	300	380	500	500	680	900	1000	1380	1680	2000	2800	4000
合模行程 Clamping stroke	mm	135	165	190	190	215	215	215	300	300	350	360	400	460	550
顶出力 Ejecting Force	KN	25	25	35	35	40	40	40	63	70	90	108	150	150	285
顶出行程 Ejection Stroke	mm	40	40	45	45	45	45	45	60	60	85	85	100	105	125
模具厚度 Mold thickness	mm	120-210	120-250	120-300	120-300	120-330	120-330	120-330	130-430	130-430	170-490	200-520	220-600	250-700	250-750
模板尺寸 Platen Size (W*H)	mm	390x370	4 10*410	450x400	450x430	550x435	455x455	565x500	600x660	600x660	660x720	720x770	820x820	900x900	1050x1050
导柱内距 Tie bar spacing(W*H)	mm	278x232	260*260	300x250	300x280	335x285	300x300	360x320	400x400	395x395	440x440	486x486	530x530	580x580	700x700
导柱直径 Tie bar Diameter	mm	40	45	50	50	55	55	63	70	75	80	85	100	110	130
射料位置 Injection Position	mm	0	0	0	0	0	0	0	0	0	0/-80	0/-80	0/-125	0/-125	0/-150
射料力 Injection Force	KN	30	30	50	50	55	55	60	65	75	108	108	130	160	180
射料行程 Injection Stroke	mm	85	85	105	105	110	110	110	130	130	145	150	175	200	230
离阻行程 Stroke far from nozzle	mm	0-280	0-330	0-330/270	0-330/270	0-330/270	0-330/270	0-330/270	270	270	280	280	320	320	400
锤头直径 Plunger diameter	mm	38	38	42	42	45	45	45	45/50/55	45/50/55	60/65	60/65/70	60/65/70	70/80	70/80/90
射料量/锌 Shot Weight/Zinc	Kg	0.38	0.38	0.7	0.7	0.9	0.9	0.9	1.0/1.26/1.53	1.0/1.26/1.53	2.1/2.4	2.1/2.4/2.86	2.5/2.9/3.3	3.8/5	4.4/5.5/7.2
坩埚容量/锌 Crucible Capacity / Zinc	Kg/Zn	150	200	360	360	360	360	480	480	480	480	480	480	480	480
电机功率 Motor Power	KW	5.5	5.5	7.5B	7.5B	7.5B	7.5B	7.5B	11	11	15	15	15	18.5	22
系统工作压力 System pressure	MPa	8	8	8.5	8.5	8.5	8.5	9	10.5	12	13	13	14	14	14
熔炉 Furnace consumption (Oil)	Kg/h	1.8	1.8	3.5	3.5	3.5	3.5	3.5	4.8	4.8	4.8	4.8	6.3	6.3	11.2
电炉 Furnace consumption (Electric)	Kw	12	12	18	18	18	18	18	30	30	30	30	42	42	70
油箱容量 Oil Tank Capacity	L	200	200	200	200	200	200	200	250	250	300	300	400	500	800
射咀加热功率 Nozzle Heating power	Kw	1.5	1.5	1.5	1.5	2	2	2	2	2	2.5	2.5	4	5	5
料杯机尺寸 Size of Machine (Fast Cup Type)	mm	2920*1450*1750	2920*1450*1750	2980*1450*1920	2980*1450*1920	3230*1500*2030	3230*1500*2030	3300*1580*2060							
料壶机尺寸 Size of Machine (Fast Pot Type)	mm		3120*1530*1980	3120*1530*1980	3120*1530*2000	3150*1530*2020	3150*1530*2020	3150*1580*2060	4200*1450*2050	4200*1450*2050	4850*1600*2240	4850*1600*2270	5300*1850*2550	5600*1850*2650	6900*2100*2860

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