



广东顺德固德威精密机械有限公司

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致 力 于 解 决 行 业 内 共 性 问 题



新一代**厚、薄多用**镁、铝合金冷室压铸机  
200T-2000T

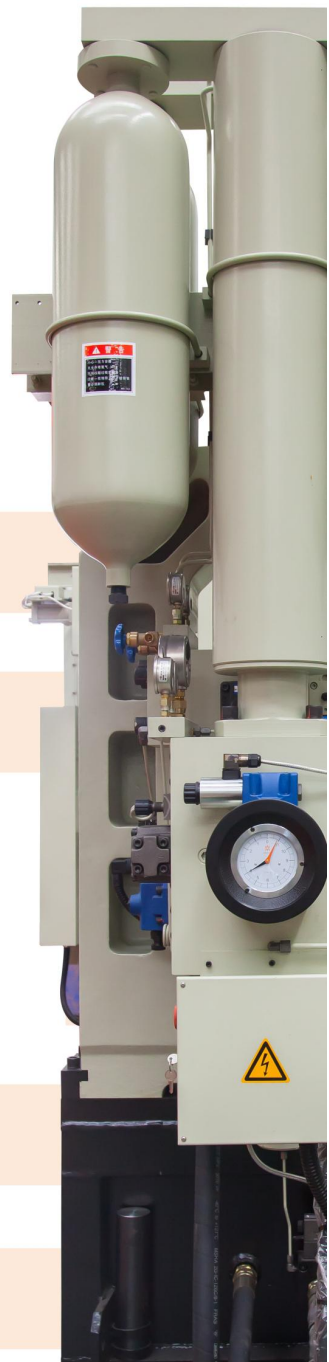
NEW GENERATION OF  
MULTIFUNCTIONAL MAGNESIUM-  
ALUMINIUM ALLOY  
COLD CHAMBER  
DIE CASTING MACHINE  
200T-2000T



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致力于解决行业内共性问题

# GOLDIVA 固德威

自品牌创建以来，不断创新进取，一路前行的固德威，取得多项国家专利技术，独创新型厚薄多用压铸成型机，荣获“国家高新技术企业”及“广东省高新技术企业”的称号。出人意料地推出多款性能不凡的压铸机，为压铸工厂奉献品质卓越的超高性能压铸设备。不忘初心，一如既往，固德威将最好的产品与最优的服务回馈给每一位用户，拥有固德威GOLDIVA——就是你的未来！

Since the establishment of the brand, with the innovative spirit, Goldiva has made a number of national patent technology, developed thick and thin dual-use die casting machine originally, won the "national high tech enterprise" and "high-tech enterprises in Guangdong province" title. Surprisingly, a variety of new die casting machines with extraordinary performance have been introduced and dedicated to super-high quality die casting machine with excellent quality for die casting factory. With initial vision as always, GOLDIVA will offer the best products and service to every user. GOLDIVA - is your future!



# PROMINENT ARTISAN IN DIE CASTING INDUSTRY GOLDIVA

01 / 02  
Company introduction  
公司介绍

## 压铸界的黄金工匠—— 固德威



广东顺德固德威精密机械有限公司，简称“固德威”，位于装备制造业强区广东省佛山市顺德区。拥有压铸界顶级的技术研发团队及业内知名的高级管理精英与翘楚，公司以“致力于解决行业内共性问题”宗旨。凭借领先的研发设计理念，精细的压铸机制造技术，严谨的品质管理机制，聚焦行业先进技术和客户需求，用简约纯粹的创新思维，不动声色的革新技术，成就压铸界的黄金工匠，解决客户关心的问题。

GOLDIVA Precision Machinery Co., Ltd., is abbreviated as "GOLDIVA", located in the equipment manufacturing industrial cluster, Shunde district, Foshan, Guangdong province. With the world's top R & D team and well-known senior management elites and leaders in die casting industry, the company is committed to solve the common problems in the industry. With the development of leading design, fine casting machine manufacturing technology, strict quality management system, we focus on advanced technology industries and customer requirements; we follow simple and pure creative thinking routes and continuous innovative technology to become the prominent artisan of the die casting machine and offer the appropriate solution to customers.

以德为本  
铸造工匠精神



公司以“致力于解决行业内共性问题”为宗旨，“君子以德为本，本立而道生”。“固德威”寓意矢志团结创新、诚信务实、推动行业技术进步。“GOLDIVA”指对技术、品质执着追求，精益求精的黄金工匠精神。

The company aims to solve the common problems in the industry as an old Chinese saying goes: "The gentleman works hard on the basic principles, thereafter comes morality". "GOLDIVA" implies promoting technological progress in the industry through solidarity and innovation, integrity and pragmatism. "GOLDIVA" refers to the persistent pursuit of technology and quality, and the spirit of prominent artisan.

Advantages Introduction for the newly machine GDC300SM

01. Innovative invention patent technology

The cartridge valve can reach 12ms under a small opening angle.

02. Copyrighted flexible control software

Precise slope control, linear descent for proportional valves output, and opening and closing mould parking is smoother and more accurate at any location, repeat accuracy within 1mm.

03. Servo control software with independent intellectual property rights

The problem of frequent impact of servo motor and gear pump has been solved, significantly reducing the number of shocks, which helps servo motors extend 50%-60% service life under the same hardware configuration conditions.

04. With humanized "Human-machine interface" and flat modular design, we simplify the parameter management, making it clear and accountable and easy to use with less operation and time, which improve efficiency and productivity.

05. The isolation box for strong and weak power, not only to improve safety, reduce electromagnetic interference and temperature drift, but also to enhance system stability and accuracy.

06. With simple and clear pipeline design of oil circuit, we reduce the number of internal through-hole and straight corner, and lead to less pressure loss, decreasing the heat generated by hydraulic oil.

要点介绍 GDC300SM新机型

- 1 创新型发明专利技术：  
插装阀在很小的开度下，建压时间便可达到12ms
- 2 拥有著作权的柔性控制软件：  
精准斜率控制，比例阀输出线性下降，任意位置开合模停车更平稳、更准确，重复精度在1mm以内
- 3 自主知识产权的伺服控制软件：  
解决伺服电机、齿轮泵频繁受冲击的问题，大大减少受冲击次数，同等硬件配置状况下，伺服电机可延长使用寿命50%-60%

- 4 人机界面人性化、扁平模块化设计，参数管理化繁为简，权责分明、易用，减少操作，减少找参数的时间，提高效率。
- 5 强、弱电隔离机箱，提高安全性，减少电磁干扰，温度漂移，增强系统稳定性、精确度。
- 6 简洁明了的油路板管路设计，减少内部内通孔、直角弯的数量，减少压力损失，降低液压油热量产生。

05 / 06

Fast-inject and cut-off mechanism

快压射截止机构

## 开创一机多用新时代 加工厚、薄壁件任意切换 可拓展客户订单范围

行业首创新一代厚、薄多用冷室压铸机  
0.38毫米薄壁件压铸技术  
更是快人一秒

FREE SWITCHING BETWEEN THICK AND THIN-WALLED PARTS.  
DIE CASTING TECHNOLOGY OF 0.38 mm THINNESS  
WHICH IS FASTER THAN OTHER DIE CASTING MACHINES.

固德威全新研制的GDC系列冷室压铸机，具有独创的发明专利技术快压射截止机构。

The newly GDC series of cold chamber die casting machine developed by Goldiva, has the original invention patent—fast-inject and cut-off mechanism.

### 性能与效果 *Performance and effect*

使加工厚、薄壁件可以任意切换，同时满足镁、铝合金生产，开创一机多用的新时代，铸件壁厚均匀一致，更高的强度和致密性。

The processing of thick and thin parts can be freely switched and used for the magnesium and aluminum alloy production at the same time, creating a new era of multi-function that casting wall thickness of the die casting machine is consistent, more powerful and compact.



**Create  
an  
innovation  
era of  
multifunctional  
machine**

发明专利 PATENT  
专利号：ZL 2017 2 1131417.7

**快压射  
截止机构**

一机多用，适用面广  
厚薄可调，生产方便

07 / 08

Integrated injection mechanism

一体式压射机构

专利技术 PATENT

专利号: ZL 2016 2 1456191.3

## 新型一体式 压射机构

密封性更好, 寿命更长  
压射性能更佳

Permanently  
solve  
the  
problem  
of oil  
leakage

### 永久性解决漏油问题

固德威全新研制的GDC/GW系列冷室压铸机, 独创的一体式压射缸前缸盖结构, 永久性解决了传统压射缸端盖和下阀体通过密封件组装结构因压向射击冲击而容易老化、漏油的问题, 设计为一体成型的结构, 增强了压射缸端盖安装后的牢固度及安装效率。

The original integrated cylinder head structure of the injection cylinder on the fully new GDC/GW series of cold chamber die casting machine developed by GOLDIVA has permanently solves the easily aging and oil leakage problems among the traditional seal-assembled structure between the front cover and bottom valve body. The new integrated structure strengthens the firmness of the front cover and installation efficiency after installation.

#### 性能与效果 Performance and effect

- + 前缸盖与下阀体采用一体式结构
- + 加强型结构, 更坚固
- + 使用寿命长, 降低成本

- + Integrated structure of front cylinder cover and bottom manifold
- + Solider machine with enhanced structure
- + Longer service life and lower cost

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Servo control system

伺服控制系统

## 智能、精准、节能 降低客户用机成本

INTELLIGENCE, PRECISION, ENERGY SAVING  
IMPROVE CUSTOMER SATISFACTION  
AND REDUCE COSTS

固德威全新研制的GDC/GW系列冷室压铸机，改变传统控制系统一个或多个I/O控制使能和电源等众多功能时出现的不能兼顾安全，容易损坏驱动器，浪费系统资源，不便查找报警内容等问题，通过对电路、程序的重新设计，实现I/O的智能区分控制多项功能的繁琐任务。

The newly GDC/GW series of cold chamber die casting machine developed by Goldiva can solve problems when one or more I/O control and power supply of the traditional control system occurs at the same time, including the overall safety control, driver damage easily, system resources waste and the inconvenience of figuring out the alarm content and so on. With the redesign of the circuit and program, it can realize the intelligent division of I/O and multifunctional control of complicated tasks.

性能与效果 Performance and effect

- + 实现单一I/O对使能、电源等众多判定条件的智能区分控制而无需增加端口与扩展模块，可降低客户用机成本。
- + 简化电路设计，提高可靠性
- + 当机器或伺服系统出现安全性报警时，确保系统安全。
- + 可解决伺服电机与齿轮泵频繁受冲击的问题，同比可延长50-60%的使用寿命。
- + The single I/O realizes the intelligent distinction and control of enabling, power and many other judgment conditions without adding the port and expansion module, which can reduce the customer's machine cost.
- + Simplify circuit design to improve reliability
- + Ensure system safety when the alarm rings in the machine or servo system.
- + It can solve the frequent impact of servo motor and gear pump, and can prolong 50%-60% lifetime of the machine.

**Power  
saving  
and  
cost  
down**

专利技术 PATENT  
专利号：ZL 2016 2 1463970.6

## 新型伺服 控制系统

数据万化，功能强大  
智能，精准，节能



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Hoisting mechanism of safety door

安全门吊装机构

## 微幅惯性摆动 推拉轻便，省力70%

SLIGHT AMPLITUDE INERTIAL SWING

固德威全系列冷室压铸机，打破传统压铸机安全门移运不稳定、安装拆卸困难、吊装牢固度不高的问题，新型安全门采用全新吊装结构，微幅惯性摆动，省力轻松，减少冲击，设计更合理，运行更安全，压铸机工作效率高。

The GOLDIVA series cold chamber die casting machine can solve the problems of traditional die casting machines, including the instability of safety door, complicated installation and disassembly procedure, low firmness of lifting. The newly designed safety door adopts new lifting structure with slightly inertial oscillations to reduce the pump action's force and save 70% effort, which brings us safer operation environment and higher efficiency with reasonable design.

### 性能与效果 Performance and effect

- + 柔性联接，推拉轻便，省力70%
- + 降低劳动强度，操作轻松
- + 由内而外的润滑设计运移平稳，稳定性好
- + 前后门可实现自动开关，自动化便捷
- + Flexible connection, push and pull light, labor saving 70%
- + Reduce labor intensity, and simplify operation procedures
- + Good stability of running and moving with the lubrication design from inside to outside
- + Convenient and automatic switch of the front and back door

**Flexible**  
**push and pull,**  
**70%**  
**effort**  
**saving**

70% 省力

专利技术 PATENT

专利号: ZL 2016 2 1456194.7

**新型安全门  
吊装机构**

减少冲击，延长使用寿命  
装卸方便，吊装牢固

**GOLDIVA**  
precision machinery



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9 improved technologies

九项改进技术

+ 稳定性更高  
+ higher stability

+ 耐用性更强  
+ stronger durability

+ 低耗性更优  
+ lower consumption

+ 效率性更快  
+ more efficiency

+ 维护性更佳  
+ better maintainability

+ 安全性更好  
+ safer



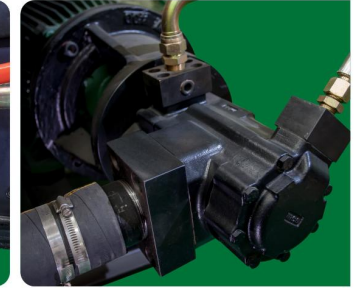
02 发明专利技术的快压射截止机构，建压时间短且稳定。(GDC系列)



03 控制程序与油路精确配合实现开模位置可调，开模定位平稳，重复定位精度小于3mm，效率提升5~10%。



04 始创定制的冷却器，油温低3~5℃，油温控制效果显著。



05 特殊的双唇叶片结构的叶片泵，承受峰值压力大，抗污染非常强，使用寿命更长。

## 致力于解决业内共性问题

# COMMITTED TO SOLVE COMMON PROBLEMS IN THE INDUSTRY

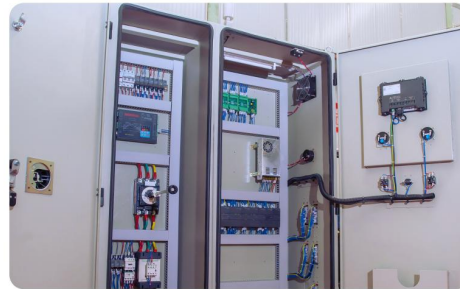
固德威全系列冷室压铸机，以日本标准为基准，以镁合金压铸机配置为标配，汇聚行业各品牌压铸机的设计缺陷与功能弊端，集合改良创新研制的新型高性能冷室压铸成型机，新效率，新速度，领先行业一步。

GDC/GW series of cold chamber die casting machines are developed by Goldiva based on Japanese standard and follow the configuration of magnesium-aluminium alloy die casting machine as standard configuration. By aggregating the design defect and function disadvantages of various brands of die casting machines in the industry, Goldiva have developed the new series cold chamber die casting machine with excellent performance, which can offer better efficiency and new speed to users and let the company stay ahead of the industry.



01 具有自动平衡压力的快压射储能器，进一步调整气-液容积比和活塞速度，减少压降，消除压力波动，提升铸件致密性。

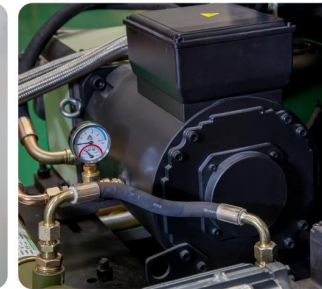
06 全系列采用强弱电分离，分区冷却电箱，提高系统抗干扰能力，减少温度漂移对系统的影响，提升整个系统控制的精准性、稳定性。



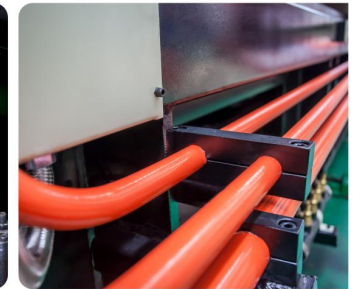
07 伺服专用控制程序，运行更平稳顺畅，电机、泵冲击小，使用寿命长。(伺服系列)



08 完善的泵站和液压系统，其配置均进行优化，故障率低。(伺服系列)



09 优异的液压管路设计，震动小、噪音低，减少发热量，降低油温，密封原件使用寿命长。



01 The fast pressure energy storage device with automatic balance pressure can further adjust the gas liquid volume ratio and piston speed, reduce the pressure drop, eliminate the pressure fluctuation, and improve the compactness of the casting.

02 The pressure setting time of GDC series is short and stable under the support of our patent technology—the fast-inject and cut-off mechanism.

03 The control program and the oil circuit are matched precisely to adjust the opening position freely, keep it stable and reach high repeated precision (less than 1mm), and improve 5%~10% efficiency.

04 The oil temperature control performance is remarkable with our custom-made cooler (between 5~8℃).

05 The special vane pump with double lips blade structure can withstand the peak pressure. It has strong pollution resistance and long lifetime.

06 The whole series adopts strong and weak electric separation, partition cooling electric box, improve the anti-interference ability of the system, reduce the influence of temperature drift on the system, improve the accuracy and stability of the whole system.

07 With the dedicated developed servo control program, our servo series machines run smoothly and softly with small pump and motor impact, which helps to keep a long lifetime of machines. (Servo Series)

08 The configuration of perfect pumping station and hydraulic system have been optimized already, which can lower the failure rate. (Servo Series)

09 Improved hydraulic pipeline design, small vibration, low noise, reduce heat, reduce the oil temperature, sealing the original long service life.

## 标准系列

### GDC/GW标准系列亮点

- + GDC最大空压射速度 $\geq 10\text{m/s}$ ，增压建压时间 $\leq 12\text{ms}$
- + GW最大空压射速度 $\geq 8\text{m/s}$ ，增压建压时间 $\leq 15\text{ms}$
- + 独立的活塞式速度及增压储能器
- + 快速液压顶出装置及抽芯装置
- + 双唇叶片结构耐高压抗污染叶片泵
- + 强弱电分离，分区冷却电箱

### GDC/GW标准系列配置

- + 双比例控制系统
- + 集中式脱压润滑系统
- + 进口高低压双联泵液压系统
- + 世界名牌可编程控制系统
- + 欧美日名牌电器及液压元件

### GDC/GW标准系列性能

- + 特快锁模装置实现高速生产
- + 定时定量润滑机较提高使用寿命
- + 水冷式油路冷却器，稳定测温及粘度
- + 有限元分析校核之模板，应力分布合理，合模精度高
- + 液压驱动齿轮调节模具厚度装置，操作方便，精确



# ELABORATE CLASSICS

## EFFICIENT, ACCURATE AND STABLE



### GDC/GW STANDARD SERIES' ADVANTAGES

- + GDC series of maximum free shot speed is more than  $10\text{m/s}$ , boosting the building up time is less than  $12\text{ms}$
- + GW series of maximum free shot speed is more than  $8\text{m/s}$ , boosting the building up time is less than  $15\text{ms}$
- + Independent piston speed and boost accumulator
- + Quick hydraulic ejection device and core pulling device
- + Double lip blade structure high pressure anti fouling vane pump
- + Separate the strong and weak electricity, and partition the cooling electric box

### GDC/GW STANDARD SERIES CONFIGURATION

- + Dual scale control system
- + Centralized pressure relief lubrication system
- + Import high and low pressure duplex pump hydraulic system
- + World famous brand programmable control system
- + European and American famous electrical appliances and hydraulic components

### GDC/GW STANDARD SERIES PERFORMANCE

- + Realization of high productivity by fast mould closing device
- + Timing quantitative lubrication machine hinge to improve service life
- + Water-cooled oil cooler, stable temperature measurement and viscosity
- + The template of finite element analysis is reasonable in stress distribution and high in precision
- + Hydraulic drive gear adjust the thickness of the device and is easy to operate accurately.

独一无二的经典  
高效、精准、稳定

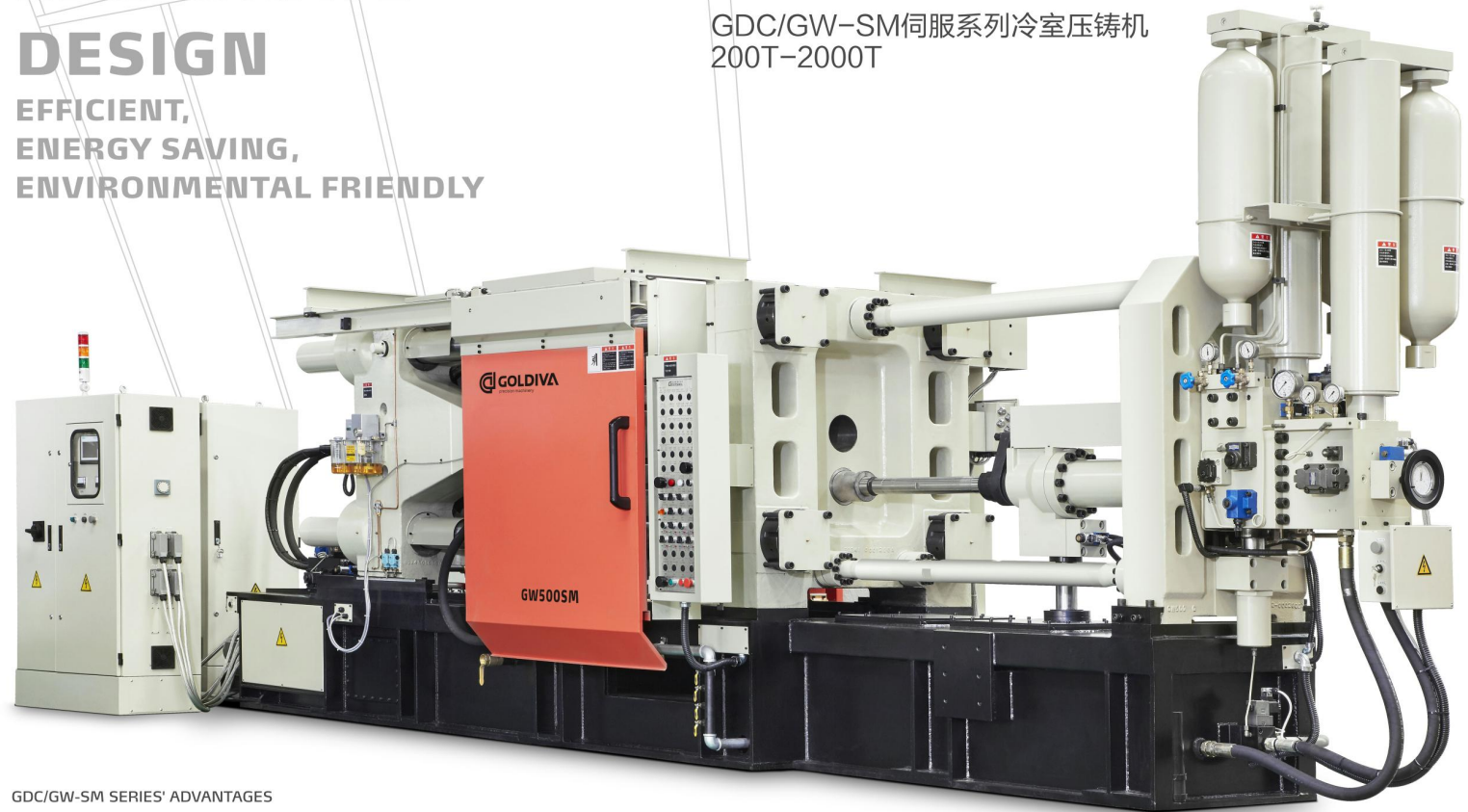
GDC/GW标准系列冷室压铸机  
200T-2000T  
全系产品采用镁合金技术标准

无可比拟的臻品

高效、节能、环保

EXCELSIOR  
ELABORATE  
DESIGN  
EFFICIENT,  
ENERGY SAVING,  
ENVIRONMENTAL FRIENDLY

GDC/GW-SM伺服系列冷室压铸机  
200T-2000T



### 伺服系列

#### GDC/GW-SM系列亮点

- + 高性能动态响应，生产效率提高5%~12%
- + 按需提供液压动力，节能达到40%~70%
- + 减少电能浪费，延长油阀减少冷却水量
- + 双闭环控制流量和压力，控制及重复精度高
- + 生产高精密制品，提升产品竞争力

#### GDC/GW-SM系列配置

- + 双闭环控制系统
- + 集中式脱压润滑系统
- + 进口高低压双联泵液压系统
- + 世界名牌可编程控制系统
- + 欧美日名牌电器及液压元件

#### GDC/GW-SM系列性能

- + 无极调速调压，保证速度稳定及重复精度
- + 柔性切换，消除液压系统震荡及行程冲量
- + 宽范围调速，5%以下低流量不能爬行
- + 小容量油箱，减少液站体积，节省液压油
- + 能量按需分配，无高压溢流，减少冷却系统负担

#### GDC/GW-SM SERIES' ADVANTAGES

- + High performance dynamic response, production efficiency increased by 5%-12%
- + Supply hydraulic power on demand, energy saving up to 40%-70%
- + Reduce energy waste, extend the oil valve to save cooling water
- + Double closed loop control flow and pressure, with high accuracy of controlling and repeatability

#### GDC/GW-SM SERIES CONFIGURATION

- + Double closed loop control system
- + Centralized pressure relief lubrication system
- + Import high and low pressure duplex pump hydraulic system
- + World famous programmable control system
- + European and American famous electrical appliances and hydraulic components

#### GDC/GW-SM SERIES PERFORMANCE

- + Stepless speed regulation to ensure stable speed and repeated accuracy
- + Flexible switching to eliminate the shock and stroke impulse of hydraulic system
- + Wide range speed regulation, low flow can not crawl when it is less than 5%
- + Small capacity tank reduces hydraulic station volume and saves hydraulic fluid
- + Energy distribution according to demand, no high pressure overflow, reduce the cooling system burden

## 镁合金系列

### GDC/GW-M系列亮点

- + GDC最大空压射速度 $\geq 10\text{m/s}$ , 增压建压时间 $\leq 12\text{ms}$
- + GW最大空压射速度 $\geq 8\text{m/s}$ , 增压建压时间 $\leq 15\text{ms}$
- + 超大容模量及哥林柱内径
- + 多组抽芯装置, 多种抽芯模式可供选择
- + 超大模具记忆功能, 可存储多达50组模具参数
- + 速度及压力无级调节, 适合不同模具精密生产

### GDC/GW-M系列配置

- + 伺服电动门
- + 自动储能控制
- + 油位、油温、入油过滤器
- + 油压超压保护装置
- + 其它配置参考标准系列

### GDC/GW-M系列性能

- + 进口高低压双联泵, 高性能、低噪音
- + 水冷式油路冷却器, 稳定的油温及粘度
- + 双比例控制系统, 多级压力和速度控制开锁模, 低压合模
- + 外置式精密过滤器, 保证液压系统清洁, 降低液压元件磨损, 易维护
- + 报警内容显示功能, 可快速排除故障

## 压铸机中的精品

精心设计 上佳品质

GDC/GW-M镁合金系列冷室压铸机  
200T-2000T

# EXCELLENT PRODUCTS OF DIE CASTING MACHINE ELABORATE DESIGN, SUPERIOR QUALITY



### GDC/GW-M SERIES' ADVANTAGES

- + GDC series maximum free shot speed is more than  $10\text{m/s}$ , boosting the building up time is less than  $12\text{ms}$
- + GW series maximum free shot speed is more than  $8\text{m/s}$ , boosting the building up time is less than  $15\text{ms}$
- + Ultra large modulus and column diameter brother Lin
- + Multi core pulling device, a variety of core pulling mode to choose
- + Super mold memory function, can store up to 50 sets of mold parameters
- + Speed and pressure stepless adjustment, suitable for precision production of different molds

### GDC/GW-M SERIES CONFIGURATION

- + Servo electric door
- + Automatic energy storage control
- + Oil level, oil temperature, oil filter
- + Hydraulic overpressure protection device
- + Other configuration reference standard series

### GDC/GW-M SERIES PERFORMANCE

- + Import high and low pressure dual pump, high performance, low noise
- + Water cooled oil circuit cooler, stable oil temperature and viscosity
- + Double proportional control system, multistage pressure and speed control unlocking mould, low pressure die closing
- + External precision filter ensures the cleanliness of hydraulic system, reduces wear and tear of hydraulic components, and is easy to maintain
- + Alarm content display function, can quickly eliminate the fault



项目 ITEMS	单位	GDC/GW200	GDC/GW300	GDC/GW400	GDC/GW500	GDC/GW650	GDC/GW800	GDC/GW900	GDC/GW1000	GDC/GW1250	GDC/GW1650	GDC/GW2000
<b>合模机构 Locking Agency</b>												
合型力 Locking Force	kn	2000	3000	4000	5000	6500	8000	9000	10000	12500	16500	20000
合模行程 Locking Stroke	mm	380	460	550	580	670	760	760	880	1000	1200	1400
模具厚度 (最小-最大) Die Heingt	mm	200-600	250-700	300-750	350-850	350-900	400-950	400-950	450-1100	450-1200	500-1400	600-1600
模板尺寸 (水平×垂直) Platen Size	mm	750×750	870×870	1000×1000	1150×1150	1280×1280	1420×1420	1470×1470	1620×1620	1730×1730	2000×2000	2150×2150
导柱内距 Space Between Tie Bars	mm	510×510	570×570	650×650	750×750	850×850	930×930	960×960	1030×1030	1100×1100	1180×1180	1350×1350
导柱直径 Tie Bar Diameter	mm	90	110	130	140	160	180	190	200	230	250	280
<b>压射机构 Injection Agency</b>												
压射力 Injection Force	kn	280	320	370	450	540	645	700	805	1100	1260	1510
压射行程 Injection Stroke	mm	350	410	510	580	650	760	760	850	910	970	1050
压射头直径 Plunger Diameter	mm	50/60	50/60/70	60/70/80	70/80/90	70/80/90	80/90/100	80/90/100	90/100/110/120	100-140	110-150	120-160
射料量 (镁) Injection Weight(Mg)	kg	0.9/1.3	1.0/1.5/2.0	1.9/2.6/3.4	2.9/3.8/4.9	3.3/4.4/5.5	5.1/6.4/7.9	5.1/6.4/7.9	7.2/9/10.8/12.9	9.3-18.7	12.2-23	15.8-28
射料量 (铝) Injection Weight(Al)	kg	1.2/1.8	1.5/2.1/2.9	2.7/3.6/4.8	4.1/5.4/6.9	4.6/6.1/7.7	7.1/9/11.1	7.2/9.1/11.3	10/12.5/15/18	13-26	17-32	22-39
铸造压力 (增压) Casting Pressure	Mpa	142/99	163/113/83	136/96/73	116/89/70	140/107/84	128/101/82	153/120/98	126,102,84,71	140-71	132-71	135-75
铸造面积 Casting Area	cm <sup>2</sup>	140/200	182/263/357	305/412/540	427/555/704	460/601/764	620/784/963	620/785/960	787-1388	885-1735	1200-2220	1400-2630
最大铸造面积 (40MPa) Max.Casting Area	cm <sup>2</sup>	500	750	1000	1250	1625	2000	2250	2500	3125	4125	5000
压射位置 Injection Position	mm	0-125	0-125	0-175	0-220	0-250	0-250	0-250	-100, -300	-160, -320	-175, -350	-200, -400
压射头推出距离 Plunger Penetration	mm	130	155	210	250	280	300	300	300	350	400	450
压射室法兰直径 Casting Flange Diameter	mm	110	120	130	150	165	200	200	240	240	260	260
压射室法兰凸出定板高度 Casting Flange Protrusion	mm	10	15	15	15	15	20	20	20	25	25	30
<b>顶出机构 Ejector Agency</b>												
顶出力 Ejector Force	kn	105	150	180	240	300	360	360	500	550	600	650
顶出行程 Ejector Stroke	mm	90	110	130	140	150	180	180	200	200	250	300
<b>其它 Other</b>												
电机功率 Motor Capacity	kw	15	22	22	37	37	45	45	45	74	90	110
系统工作压力 System Working Pressure	Mpa	14	16	16	16	16	16	16	16	16	16	16
油箱容量 Oil TankCapacity	L	520	620	840	1080	1080	1250	1450	1500	2000	2500	2800
机器吊装参考重量 Referential Machine Weight	kg	8800	11500	15500	25500	32000	42000	52000	71500	96000	110000	140000
外形尺寸 (长×宽×高) Machine Dimensions	mm	5600×1500×2750	6250×1730×2750	6900×1950×2900	7500×2150×3000	7950×2300×3400	8500×2420×3250	8800×2450×3280	10000×3300×3700	11000×4000×4250	12000×4200×4300	12700×4400×4400

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Explanation: The company reserves the right to improve the product described in the sample. The specifications are subject to change without notice. The product photos in the sample are for reference only, and the products are in kind.

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## Configuration table

### 配置表

GDC/GW200-900系列配置表 GDC/GW200-900 Feature Optional Features

配置项目 LITEMS	GDC/GW200	GDC/GW300	GDC/GW400	GDC/GW500	GDC/GW650	GDC/GW800	GDC/GW900
<b>主机主题/General</b>							
固德威橙红色 Orange aurora	●	●	●	●	●	●	●
象牙白/指定颜色 Ivory white/Others	○	○	○	○	○	○	○
手动安全门(前/后) Manual safety dood (front back)	●	●	●	●	●	—	—
电动安全门(前) Electrical safety dood (front)	○	○	○	○	○	●	●
电动落地安全门(前) Electrical safety dood (front)	○	○	○	○	○	○	○
<b>电气控制/Electrical System</b>							
西门子PLC Siemens PLC	●	●	●	●	●	●	●
7寸高分辨率触摸屏 7" Touch screen	●	●	●	●	●	●	●
10寸高分辨率触摸屏 10" Touch screen	○	○	○	○	○	○	○
电箱风扇 Exhaust fan	●	●	●	●	●	●	●
电箱空调 Air conditioner	○	○	○	○	○	○	○
模具存储50组 50 sets mould parameters storage	●	●	●	●	●	●	●
扩展模具存储 Extended mould parameters storage	○	○	○	○	○	○	○
电子式锁模力显示 Electrical locking force display	○	○	○	○	○	○	○
<b>柱架部分/Clamping System</b>							
双比例控制开合模 Dual proportional control of die open and close	●	●	●	●	●	●	●
电子尺控制行程 Lineal transducer for position control	●	●	●	●	●	●	●
特快锁模系统 DDC system	●	●	●	●	●	●	●
手动调模 Manual die height adjustment	●	●	●	●	●	●	●
自动调模 Aoto die height adjustment	○	○	○	○	○	○	○
机械式抽杠(1根) Mechanical tie bar extraction(1PC)	○	○	●	●	●	●	●
液压抽杠(1根) Hydraulic tie bar extraction(1PC)	○	○	○	○	○	○	○
<b>液压系统/Hydraulic System</b>							
MCS/东京计器双联叶片油泵 MCS/TKS pump	●	●	●	●	●	●	●
<b>抽芯和顶针/Core and Ejector</b>							
双比例控制 Dual proportional control	●	●	●	●	●	●	●
动模1组 1 set on moving platen	●	●	—	—	—	—	—
动模2组 2 set on moving platen	○	○	●	●	●	●	●
定模1组 1 sets on fixed platen	○	○	○	—	—	—	—
定模2组 2 sets on fixed platen	○	○	○	●	●	●	●
抽芯局部加压 Partial pressure building for core- pulling	○	○	○	○	○	○	○
顶针双比例控制 Dual proportional control of ejecting	●	●	●	●	●	●	●
顶针行程开关控制 Ejecting stroke limit switch control	●	●	●	●	●	●	●
<b>压射部分/Injection System</b>							
机械式精密手轮调节控制 Mechanical hand wheel control	●	●	●	●	●	●	●
电动调节控制 Electrical control	○	○	○	○	○	○	○
接近开关控制行程 Porximity switch for stroke control	●	●	●	●	●	●	●
电子式控制行程 Electrical stroke control	○	○	○	○	○	○	○
智能在线品管PPS技术 Intetligent online PPS technology	○	○	○	○	○	○	○
<b>其他/Oters</b>							
油温表 Oil temperature indiacator	●	●	●	●	●	●	●
电子式油温报警 Electrical Oil temperature alarm	○	○	○	○	○	○	○
锤头润滑装置 Plunger lubrication system	○	○	○	○	○	○	○

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Explanation: the company reserves the right to improve the product described in the sample. The specifications are subject to change without notice. The product photos in the sample are for reference only, and the products are in kind.

● 标准配置 Standard configuration ○ 选购配置 Purchase configuration — 无 Nothing

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GDC/GW1000-2000系列配置表 GDC/GW1000-2000 Feature Optional Features

配置项目 LITEMS	GDC/GW1000	GDC/GW1250	GDC/GW1650	GDC/GW2000
<b>主机主题/General</b>				
固德威橙红色 Orange aurora	●	●	●	●
象牙白/指定颜色 Ivory white/Others	○	○	○	○
电动落地安全门(前) Electrical safety dood (front)	●	●	●	●
手动落地安全门(后) Manual safety door (back)	●	○	○	○
电动落地安全门(后) Electrical safety door (back)	○	○	○	●
<b>电气控制/Electrical System</b>				
西门子PLC Siemens PLC	●	●	●	●
10寸高分辨率触摸屏 10" Touch screen	●	●	●	●
电箱风扇 Exhaust fan	●	●	●	●
电箱空调 Air conditioner	○	○	○	○
模具存储100组 100 sets mould parameters storage	●	●	●	●
扩展模具存储 Extended mould parameters storage	○	○	○	○
电子式锁模力显示 Electrical locking force display	○	○	○	○
<b>柱架部分/Clamping System</b>				
双比例控制开合模 Dual proportional control of die open and close	●	●	●	●
电子尺控制行程 Lineal transducer for position control	●	●	●	●
双润滑+独立黄油润滑 Dual lubrication system & independent grease lubrication system	●	●	●	●
特快锁模系统 DDC system	●	●	●	●
手动调模 Manual die height adjustment	●	●	●	●
自动调模 Auto die height adjustment	○	○	○	○
液压抽杠(前上1根) Hydraulic tie bar extraction(1PC)	●	●	●	●
<b>液压系统/Hydraulic System</b>				
威格士/东京计器双联叶片油泵 Vickers/TKS pump	●	●	●	●
旁路精密滤油系统 By-pass filter system	●	●	●	●
<b>抽芯和顶针/Core and Ejector</b>				
双比例控制 Dual proportional control	●	●	●	●
抽芯双液锁 Dual Hydraulic locking for core-pulling	●	●	●	●
动模2组 2 sets on moving platen	●	●	●	●
动模3组 3 sets on moving platen	○	○	○	○
定模2组 2 sets on fixed platen	●	○	●	●
定模3组 3 sets on fixed platen	○	○	○	○
抽芯局部加压 Partial pressure building for core-pulling	○	○	○	○
顶针双比例控制 Dual proportional control of ejecting	●	●	●	●
顶针行程开关控制 Ejecting stroke limit switch control	●	●	●	●
<b>压射部分/Injection System</b>				
智能在线品管PPS技术 Intetligent online PPS technology	●	●	●	●
电比例调节控制 Electrical proportional control	●	●	●	●
电子式控制行程 Electrical stroke control	●	○	●	●
实时控制系统 Real time control system	○	○	○	○
<b>其他/Oters</b>				
大面积板式冷却 Large area plate type cooler	●	●	●	●
电子式油温报警 Electrical Oil temperature alarm	●	●	●	●
锤头润滑装置 Plunger lubrication system	●	●	●	●

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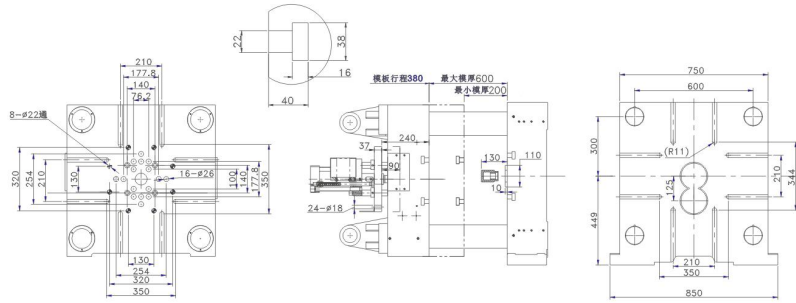
## Template size chart

### 模版尺寸图

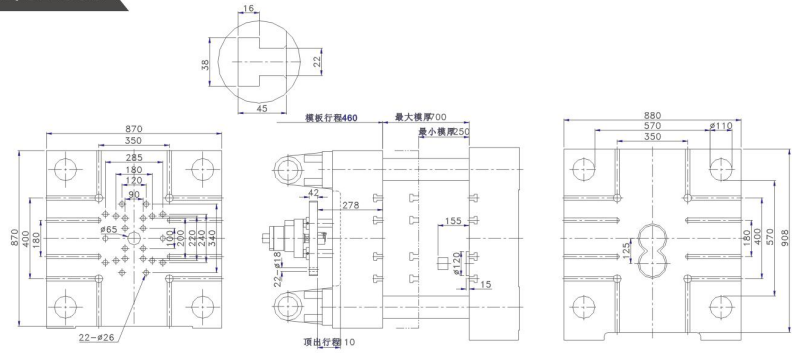


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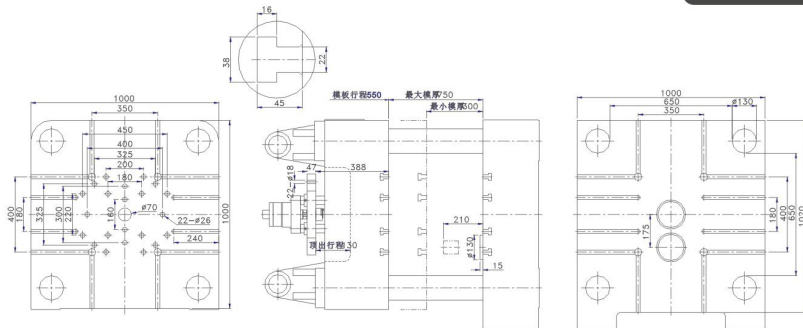
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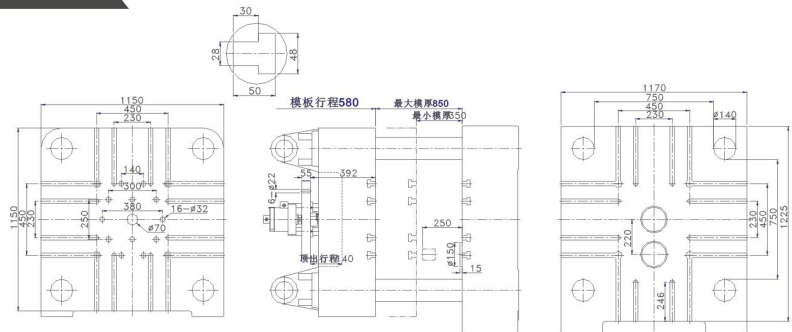
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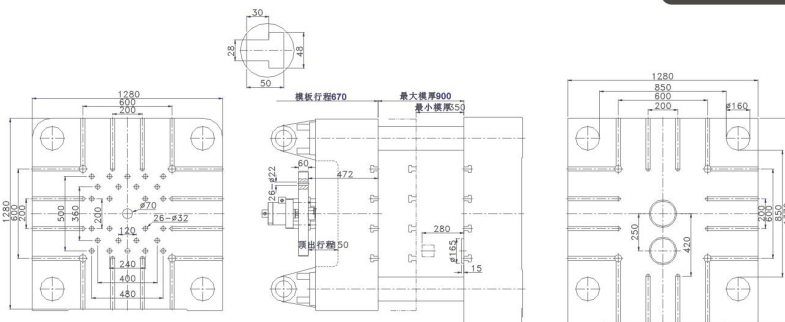
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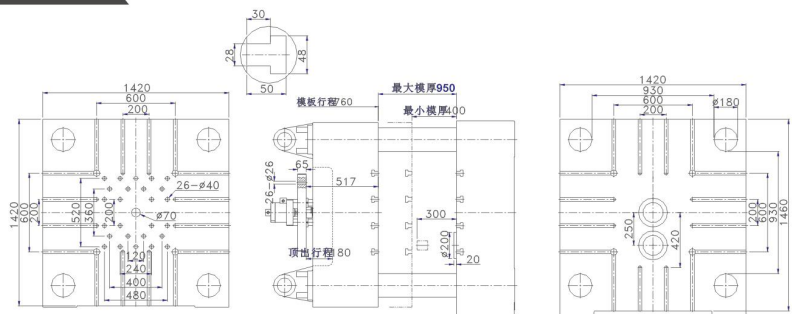
**GDC/GW500**



**GDC/GW650**



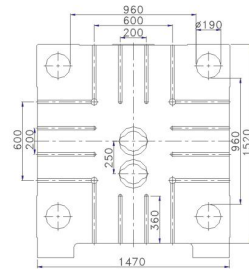
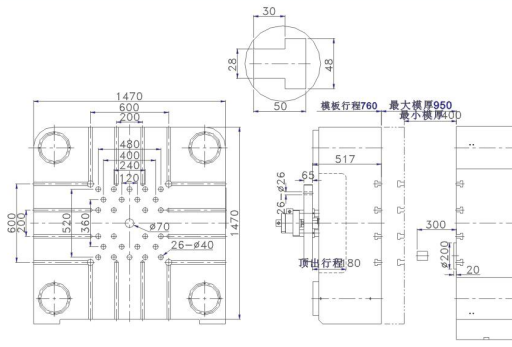
**GDC/GW800**



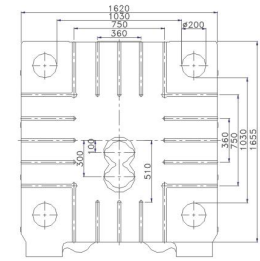
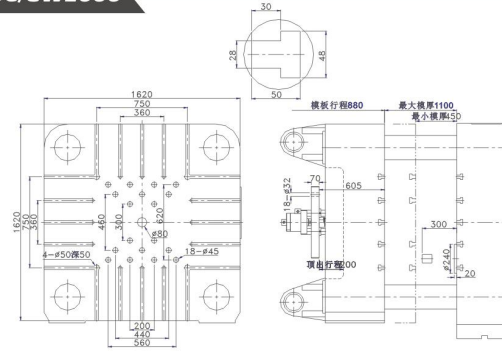
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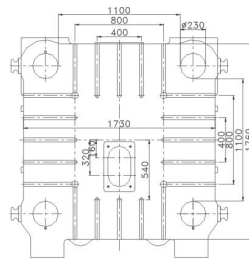
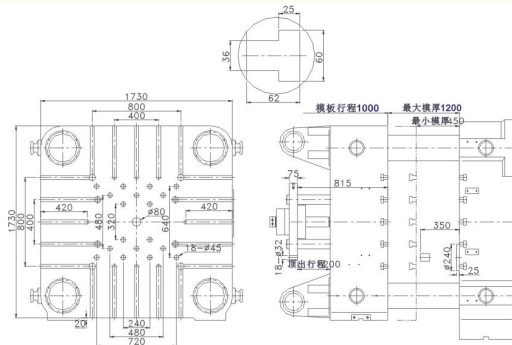
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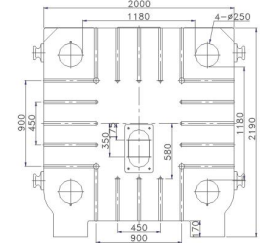
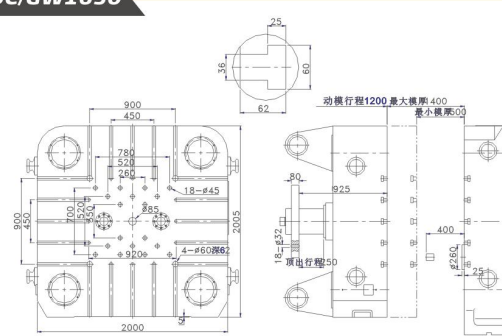
GDC/GW1000



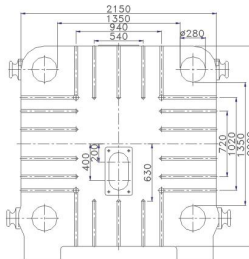
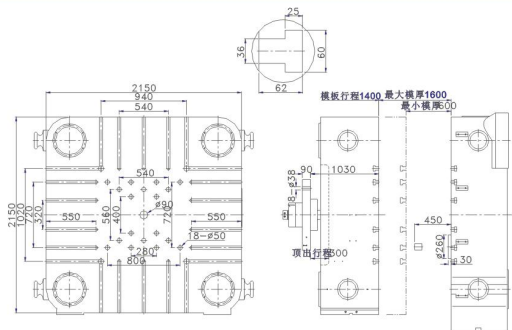
GDC/GW1250



GDC/GW1650



GDC/GW2000

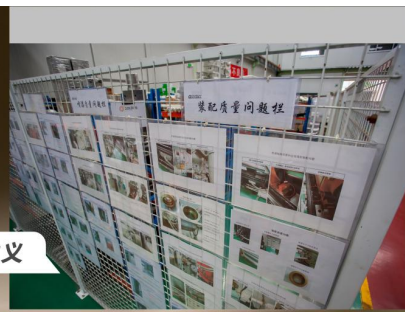




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Quality Management

品质与管理



三现主义

联席会议机制

加强各职能部门联系沟通、协调、达成共识，快速处理客户需求，实现高品按需出机。

内部立会制度

站在客户的立场审视每一件作品！代表客户进行产品检验，充分暴露、分析、整改问题，反复确认，让质量问题无处遁形！

三现主义原则

一切工作基于“生产现场”。一切从现场出发,针对现场的实际情况,采取切实的解决对策。

JOINT MEETING MECHANISM

Strengthen the communication and coordination among the functional departments, coordinate the research and reach consensus, solve the problems as quickly as possible, and provide high quality machines according to customers' needs.

INTERNAL MEETING SYSTEM

Inspect every piece of work from the customer's point of view. Handle product inspection on behalf of customers by exposing, analyzing and rectifying all the problems fully and repeatedly to avoid potential quality defects

THREE PRINCIPLES OF WORKSHOP

All the solutions come from the workshop site. According to the actual situation of the workshop site, we take practical measures to solve the problems and in the end, avoid the same potential quality problems.

联席现场会议

# QUALITY STARTS FROM MANAGEMENT

## 品质，从管理开始

固德威最高管理者及团队，来自国内、外著名品牌压铸机企业，具备国际品质管控经验。所有的作业员都是质检员，“让所有质量问题充分暴露出来”是公司质量管理基本准则。运用“欠缺点一览表”与“内部立会制度”，实施“三现主义”及“CHECK-CHECK”法则，让所有相同的质量问题不再重复发生。

内部立会



Goldiva's top management team are from international and domestic famous enterprises of die-casting machines, and have great international experiences of quality management. Implementing the company's basic criterion of quality management that "let all the quality issues exposed fully", every worker is the inspector. We are committed to put an end to the same quality problems by using the "shortcoming list" and "internal meeting policy", implementing "three principles of workshop" and "CHECK-CHECK" rules.



全心全意  
用心服务  
当作永恒的标准

WHOLEHEARTEDLY  
SERVICE  
OUR  
SOUL  
AND  
PERPETUAL  
OBJECTIVE

## 01

### PRE-SALES SERVICE

Plant planning: provide facilities layout, workshop ventilation, gas road, waterway, circuit, lift equipment planning and design services.

Mold testing service: assist customers to do all kinds of tryout service.

### 售前服务

#### 厂房规划:

提供设备布局、车间通风、气路、水路、电路、起重设备规划设计服务。

#### 试模服务:

协助客户进行各种试模服务。

## 02

### ON SALE SERVICE

Provide various types of specifications of die casting machine sales service, installation, commissioning and trial production services, basic training operation training service for die casting workers.

### 售中服务

提供各种型号规格的压铸机销售服务, 安装、调试及试产服务, 提供压铸工人基本操作使用培训服务。

## 03

### AFTER-SALE SERVICE

24 hours service hotline to ensure effective and efficient service.

Professional engineers of die casting process assist you to solve various problems in production to improve quality and productivity.

Regularly visit the situation of die casting machine, timely and provide effective solutions to various problems arising in production, to provide perfect spare parts service.

Provide comprehensive overhaul repair service for die casting machines at reasonable price.

### 售后服务

24小时服务热线, 保证服务有效快捷。

专业压铸工艺及模具工程师协助, 解决生产中出现的各种问题, 提高产品品质及生产效率。

定期探访了解压铸机使用情况, 及时有效解答生产中出现的各种问题, 提供完善的备件服务。

提供价格合理全面的压铸机大修服务。

固德威专家团队随时竭诚为您服务, 根据您的需求, 全方位提供最专业的售前、售中、售后服务, 以最低的成本, 最高的生产效率, 为您插上腾飞的翅膀。

Goldiva's expert team are ready to support our customers according to their needs. We provide professional full range services at the lowest price and with high productivity, including pre-sale, sale and after-sale service, to put the soaring wings for your company.