## 销售网络



**宁波富弘机械有限公司**
FUHONG PLASTIC MACHINERY CO.,LTD

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FUHONG
MANUFACTURER OF PLASTICS MACHINERY

# FUHONG FHG SERIES
# INJECTION MOLDING MACHINE
# 富弘 FHG 系列伺服注塑机

高速精密注塑机 注塑工程解决商
High speed precision injection molding machine
Injection engineering solution provider


**宁波富弘机械有限公司**
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# 公司简介

# COMPANY INTRODUCTION


宁波富弘机械有限公司
FUHONG PLASTIC MACHINERY CO.,LTD

宁波富弘机械有限公司位于中国最大的注塑机生产基地——宁波西部。专业生产、开发、设计各种塑料注塑机。公司拥有专业的研发人员和技术熟练的技术人员，具有较强的自主发明能力和严格的质量监督体系，使 FHG 系列机器节能、快速、稳定、高效。早期产品已通过欧洲 CE 认证，由于性价比高，先后在东欧、北非、南亚、南美设立了营销分支机构，并获得海外客户的高度认可。目前，公司自行开发的 EK 系列产品已投入生产，具有喷射稳定、控制准确、节能等优点。专为国内外知名薄壁客户设计，满足客户的高端需求。从开始到现在，工业总产值的平均增长率在 20% 以上。我们以满足客户的需求，实现我们的理想为使命。市场创新、技术创新、管理创新是我们前进的方向。公司吸收国内外知名注塑机的精华，坚持以客户为中心的理念，生产出富弘特色注塑机的所有配件。以专业的技术支持和高效的售后服务为客户提供承诺和保障。

Ningbo Fuhong Machinery Co.,Ltd is located in west of Ningbo where is China's biggest production base for injection molding machines. It is majored in producing, exploiting and designing all kinds of plastic injection molding machines. The company has professional research staffs and skilled technicians and strong independent invention ability as well as a strict quality supervision system which make machines of FHG series energy-efficient, fast, stable and efficient. Early products have passed European CE certification, Owing to its high cost performance, it has already set up marketing branches in east Euro, north Africa, south Asia and south America successively and gained high recognition of customers overseas. Currently, the newly exploited EK series by the company itself is put into production which has the advantages of stable injection, accurate control and energy saving. It is designed especially for well-known customers whose products are with thin walls at home and abroad and it meets the high-end demands of customers. From starting up to now, the average rate of growth of the gross industrial output is more than 20 percent. We take meeting customers' needs and realizing our aspiration as our mission. We are moving forward by marketing innovation, technology innovation and management innovation. Produce all gears of injection molding machines with Fuhong characteristics by absorbing the essence of famous machines at home and abroad and firmly sticking to the concept of customers-orientation. Provide commitment and guarantee for customers by specialty technique supporting and high efficient after-sale service.

# 资信与荣誉 CREDIT & HONOR



FIRST-RATE
【TECHNOLOGY】【QUALIFICATION】【SERVACE】

## 品牌追求
## BRAND PURSUE

一流技术、一流品质、一流服务




## 使命、愿景、远景
## MISSION,FUTURE,WISF

### 使命
成就客户、成就品牌、成就员工

**MISSION**

ACHIEVE CUSTOMERS, BRANDS AND EMPLOYEES

### 愿景
国际化、品牌化、专业化

**FUTURE**

INTERNATIONALIZATION, BRANDING, SPECIALIZATION

### 远景
成为国内领先的塑机公司

**WISH**

BECOME A LEADING PLASTIC MACHINERY COMPANY IN CHINA

# CONTROL SYSTEM
# // 电脑控制

**INTELLIGENT CONTRAL HAS BEEN APPLIED IN INJECTION MACHINE FIELD FOR THE FIRST TIME.**

**智能化控制首次在注塑机领域实际应用。**

## // FEATURES 特点

*A variety of text can be switched。
*Manual, semi-automatic and fully automatic mode。
*To provide EUROMAP robot interface。
*Automatic movement monitoring with alarm and fault diagnosis。
*Function of slope setting can set the start and stop of movements，so as ensure the smooth movement。

* 多种文字可切换。
* 手动、半自动、全自动三种工作模式选择。
* 可提供 EUROMAP 机械手界面。
* 运行状态自动检视和故障报警与诊断。
* 斜率设定机能，可设定各阶段动作启动与停止缓冲曲线，使运行流畅平稳。



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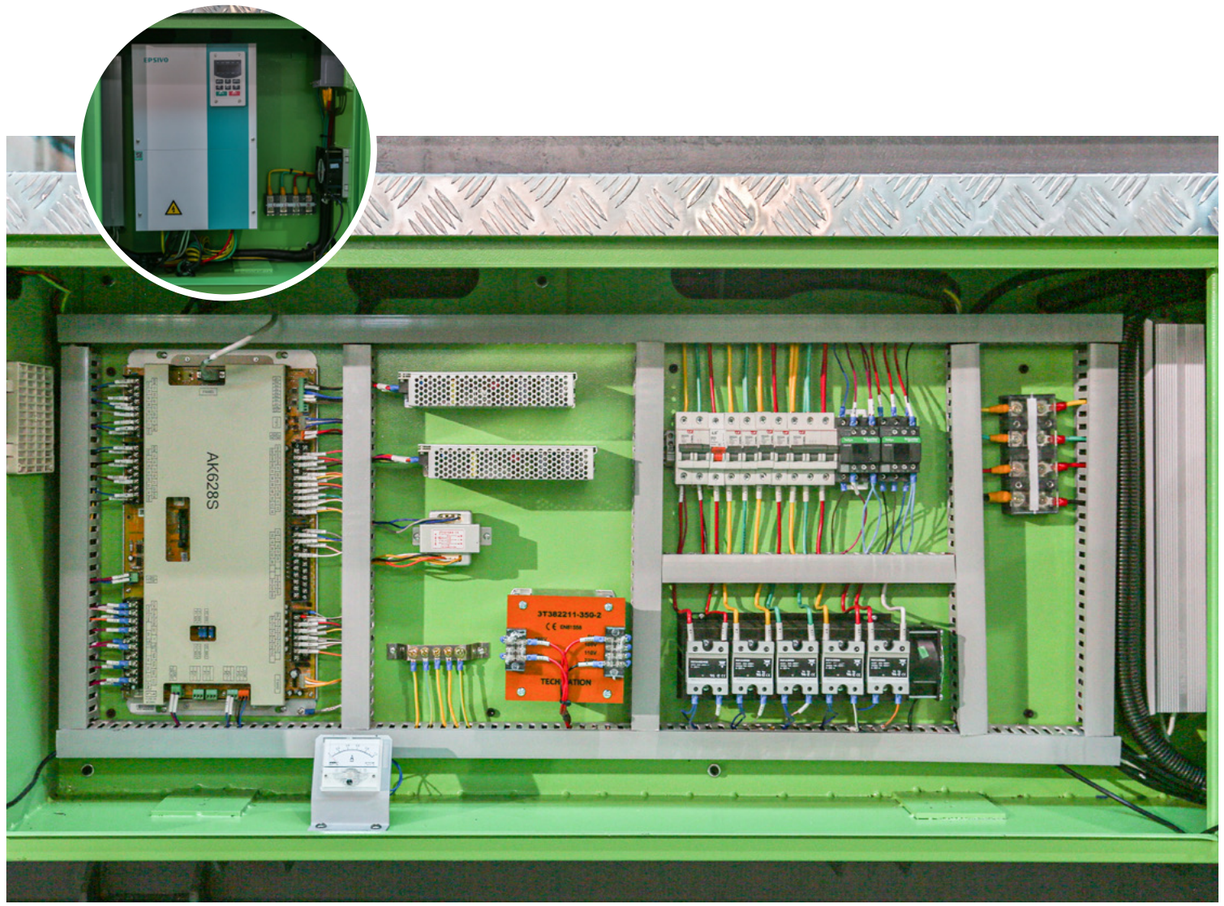
## // CONTROL SYSTEM 控制系统

All-digital control system uses dedicated controller,multiple CPU processing division, a multi-functional automatic fault detection, alarm system, certificates 99 mold of processing procedures, with remote control intertace. System is of high stability and responsiveness System uses color LCD, man made interface for easy operation and with a number of peripheral interfaces

Post-doctor research project focus on automatic determination of perameter and automatic modification

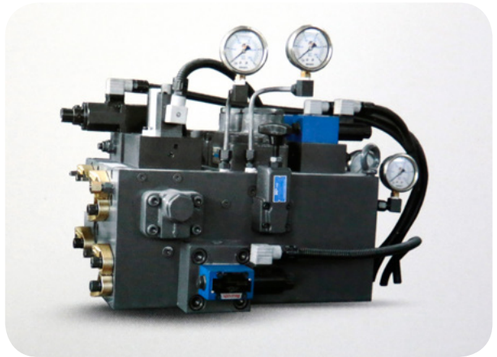
控制系统采用全数字电脑、专用控制器，多重 CPU 分工处理，设有多功能故障自动检测、报警系统，可储存 99 付模具的加工程序，备有远程控制接口。系统具有很高的稳定性和响应速度。系统采用彩色 LCD, 人机界面直观易操作，并配有多个外设接口。

博士后科研项目，实现注射工艺参数自动确定和料频缺陷自动修正。



# HYDRAULIC SYSTEM
# // 液压控制





## // FEATURES 特点

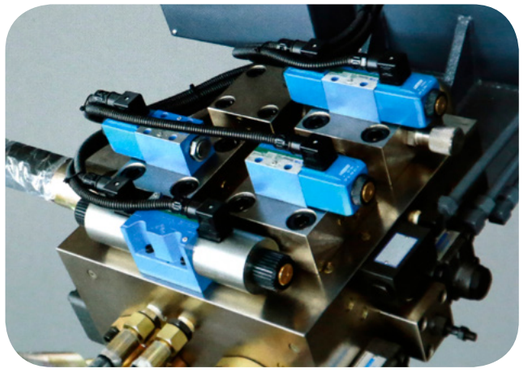
*The manual plug valve hydraulic system make the machine having quick and smooth motion response
*Double proportional valve control pressure and flow
*Hydraulic oil cooling device
*High-performance imported hydraulic unit with optimizing allocation
*The fuel tank has a big opening hole so can be cleaned easily

* 采用插装阀液压系统使机器动作反应敏捷平衡
* 压力流量双比例阀控制
* 液压油冷却装置
* 高性能进口液压件优化组合配置
* 油箱开孔大，便于清洗

## ADVANCED HYDRAULIC SYSTEM DESIGN

Through proportional control of pressure, flow achieves rapid multi-level pressure, speed switching, the system configuration is reasonable, stable and reliable. The noise is less than 75 dB. The medium and large machine adopts a two-way cartridge inserted valve system to improve the system of flow and speed of response, and makes the whole machine reach the best performance.

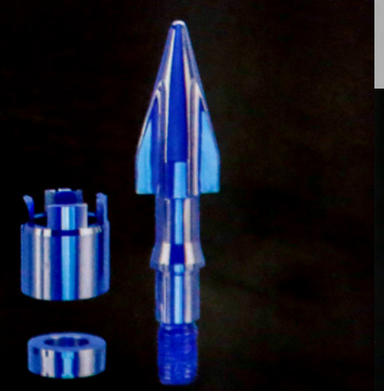
液压系统设计先进，通过压力、流量比例控制实现快速多级压力、速度切换、系统配置合理，先进、工作稳定可靠，噪声低于 75dB，中大型机采用二通插装阀系统，提高了系统的通流量及响应速度，使得整机性能达到最佳。

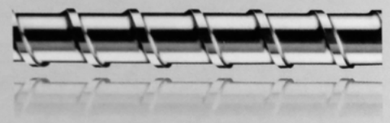


# INJECTION SYSTEM
# // 注射系统

2006, diversified screw optimal design municipal science and technology research projects focus on key issues is completed, and is now designed professionally and production for a whole variety of raw material. the diversity of the screw is for your option.

2006 年完成多元化螺杆优化设计科技攻关市级重点课题攻关项目，现已专业设计和生产，适合各种整体原料特性的多元化螺杆供选用。

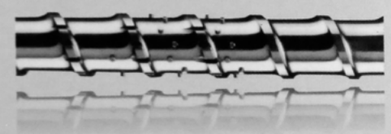




Stainless steel screw for heat-sensitive high viscosity material,like UPVC,CPVC

不锈钢螺杆适应 UPVC、CPVC 热敏感高粘度塑料。

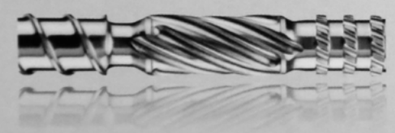
1



Two-metal screw with high wear resistance, suitable for glass fiber reinforced plastics.

双金属螺杆具有高耐磨性，适合玻璃纤维增强塑料。

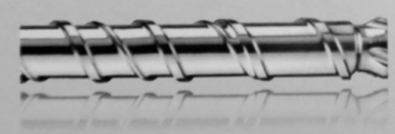
2



High mixing screw,suitable for the materials with high requirements of mixing and plasticizing,like PP,ABS,TPU.

高混炼螺杆，适合于对塑化和混色要求高的 PP，ABS,TPU。

3



Two-thread,double-lead screw,with better plasticizing capacity and faster speed of plasticizing,which is suitable fof large machine.

双螺纹，双导程螺杆，具有更优良的塑化效果和更快的塑化速度，适合于大型机。

4

## // FEATURES 特点

*APID temperature control, precise temperature control of barrel.
*There are three or four screws and barrels with optimal design, respectively, nitride, hard plating, dual-metal, which is suitable for different processes of a variety of plastics. and the choice of product.
*Two-guided guided bar supports, double-balanced rapid injection
*The high-torque hydraulic motors offer a stable plasticizing capacity, high-precision electronic device position detection enable accurate measurement

* 以 PID 温度控制，可精确掌握料筒温度。
* 有三种或四种直径螺杆、料筒，经优化设计，分别有氮化、镀硬铬、双金属等不同工艺制成，适合多种塑料及制品加工时的选择。
* 双导柱支承，双平衡快速注射。
* 大扭距液压马达预塑质量稳定，高精度电子尺位置检测，计量准确。

*Multi-injection speed and pressure and multi-level holding pressure settings, switch from the injection time, location pressure control to ensure the quality of molding
*Multi-level back-pressure of pre-plastic and pre-speed are computer-controlled, anti-drooling and automated auto purge.
*Expected to prevent cold-start function to ensure that the screw, Barrel will not be harmed. Stability of the injection unit.

* 多级注射速度和压力及多级保压压力设定，可从注射时间、位置、压力三种方式控制保压切换点，保证成型质量。
* 多级预塑背压和预塑速度电脑控制，螺杆预塑防流涎和自动清料。
* 防止冷料启动功能，确保螺杆、料筒不受损害。


# CLAMPING SYSTEM
# // 锁模系统

## // FEATURES 特点

*Security doors fitted ithhydraulic, mechanical and electrical interlocking triple safety device When the safety door is open, the machine cannot clamp.

*Low pressure mold protection device to prevent damage to platen.

*Plywood, frame, the bridge, and the template attached structure, the finite element analysis.

*Hydraulic ejector, adjustable stroke, and top speed of eiector in and out, for multiple actions.

*Flexible tie bars nut eliminates fatigue fracture; assure the working life of tie bars.

*Automatic adjustment. The replacement of different mold, the parameters set by clamping force to achieve the automatic adiustment.

*High-precision electronic detection device, multi-stage control of opening stoke, speed and location, location accuracy.

* 安全门装有液压、机械及电器三重互锁安全装置，任何一道安全门开启都无法合模。

* 低压模具保护装置，可防止模具因异物而损坏。

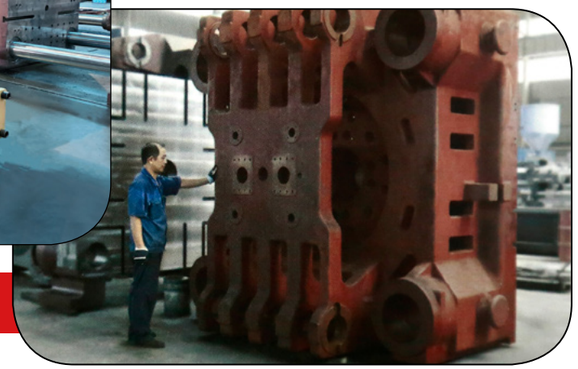
* 夹板、支架、过桥、模板连体结构，经有限元分析刚性强。

* 液压顶针可调整行程、顶进及顶退速度，可多次动作。

* 弹性拉杆螺母消除疲劳断裂，保证拉杆寿命。

* 自动调模，更换不同模具时，通过参数设定实现锁模力的自动调整。

* 高精度电子尺位置检测，多段控制移模行程，速度及位置，定位准确。





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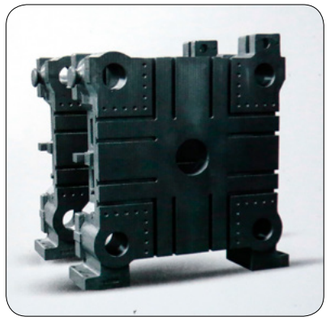
Arch splint piece of te tail plate use the finite element analysis.It features as light weight,high-intensity,and high-rigidity.

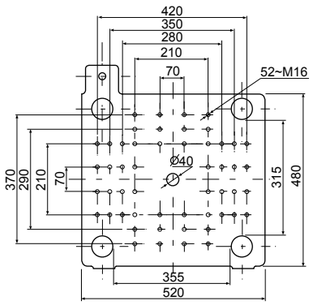
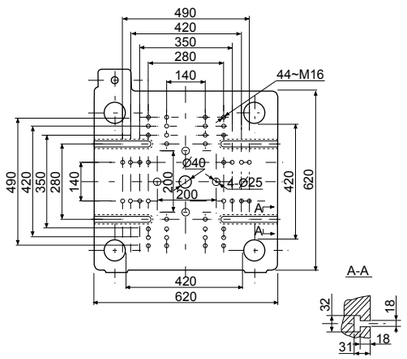
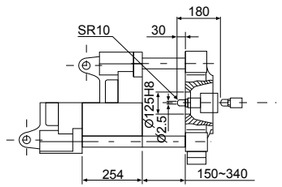
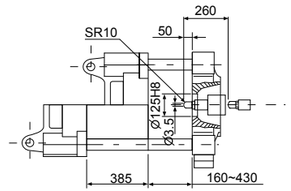
弓形夹板连体结构的尾板，经有限元分析，具有重量轻，高强度，高刚性的优点。

## CORE// SCREW CONTROL
## 中子 / 绞牙控制

Flexible core programming control,an independent hydraulic pump station to provide power.

灵活的中子编程控制，独立的液压泵站提供动力。



| 参数 Parameter / 型号 Model | | | FHG1000 | | FHG1400 | | |
|---|---|---|---|---|---|---|---|
| | | | A | B | A | B | C |
| 注射装置 Injection Unit | 螺杆直径 Screw Diameter | mm | 35 | 38 | 40 | 42 | 45 |
| | 螺杆长径比 Screw L/D Ratio | L/D | 23 | 21.5 | 23 | 21.9 | 20.4 |
| | 理论注射容积 Shot Volume(Theoretical) | $cm^3$ | 162 | 190 | 228 | 252 | 289 |
| | 注射重量 Injection Weight(PS) | g | 147 | 173 | 208 | 229 | 263 |
| | 注射压力 Injection Pressure | Mpa | 170 | 144 | 180 | 163 | 142 |
| | 注射速率 Injection Rate | g/s | 75 | 78 | 98 | 108 | 124 |
| | 螺杆转速 Screw Speed | rpm | 0-200 | | 0-190 | | |
| 合模装置 Clamping Unit | 锁模力 Clamping Force | KN | 1000 | | 1400 | | |
| | 移模行程 Toggle Stroke | mm | 254 | | 380 | | |
| | 拉杆内间距 Space Between Tie Bars | mm | 355*315 | | 420*420 | | |
| | 最大模厚 Max. Mould Height | mm | 340 | | 430 | | |
| | 最小模厚 Min. Mould Height | mm | 150 | | 160 | | |
| | 顶出行程 Ejector Stroke | mm | 70 | | 115 | | |
| | 顶出力 Ejector Force | KN | 27 | | 33 | | |
| 其它 Others | 最大油泵压力 Max. Pump Pressure | Mpa | 16 | | 16 | | |
| | 油泵马达 Pump Motor Power | Kw | 9 | | 13 | | |
| | 伺服电机功率 Servo Motor Power | Kw | 11 | | 15 | | |
| | 电热功率 Heater Power | Kw | 6.9 | | 8.8 | | |
| | 外型尺寸 Machine Dimension(L*W*H) | m | 3.81*1.30*1.55 | | 4.54*1.27*1.65 | | |
| | 机器重量 Machine Weight | Ton | 2.51 | | 3.3 | | |
| | 油箱容积 Oil Tank Capacity | l | 120 | | 160 | | |
| 模板正面尺寸 Platen Dimensions(frontal) | | |  | |  | | |
| 模板侧面尺寸 Platen Dimensions(flank) | | |  | |  | | |



* 产品技术参数更改，恕不另行通知，最终以实际产品为准。
*Due To Comtinual Improvement,Specificationms Are Subject To Change Without Notification,The final product shall prevail.

注塑机参数表
INJECTION MACHINGE SPEIFICATION
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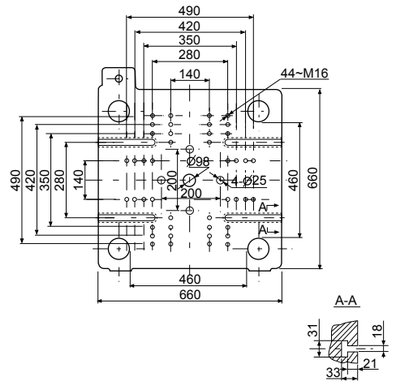
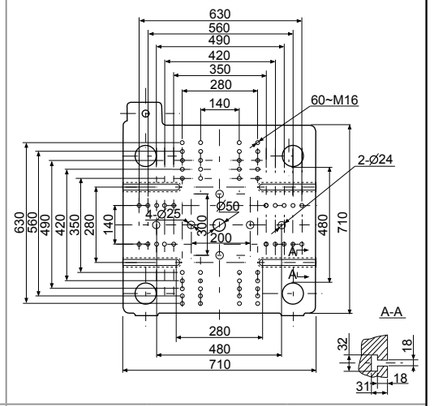
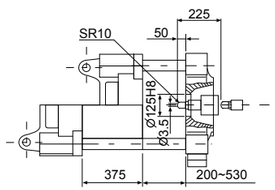
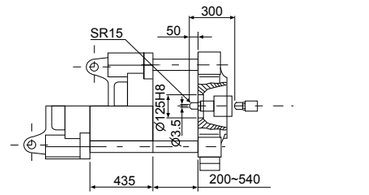
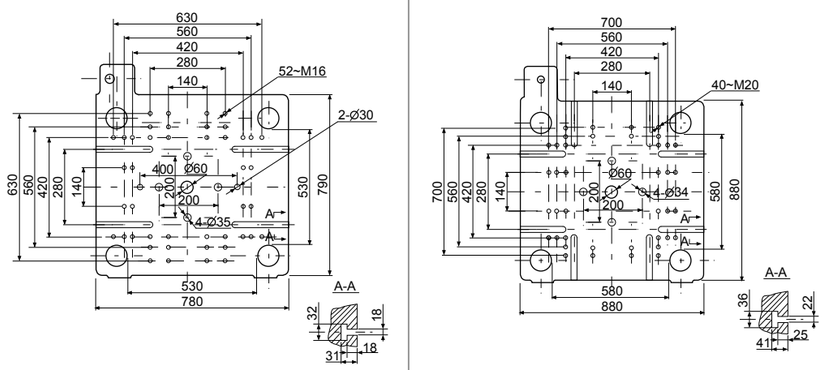
| 参数 Parameter / 型号 Model | | | FHG1700 | | | FHG1800 | | |
|---|---|---|---|---|---|---|---|---|
| | | | A | B | C | A | B | C |
| 注射装置 Injection Unit | 螺杆直径 Screw Diameter | mm | 42 | 45 | 48 | 45 | 50 | 52 |
| | 螺杆长径比 Screw L/D Ratio | L/D | 21.9 | 20.4 | 19.1 | 22.5 | 20 | 19.1 |
| | 理论注射容积 Shot Volume(Theoretical) | $cm^3$ | 290 | 334 | 380 | 357 | 441 | 477 |
| | 注射重量 Injection Weight(PS) | g | 264 | 304 | 346 | 325 | 402 | 434 |
| | 注射压力 Injection Pressure | Mpa | 182 | 159 | 140 | 195 | 158 | 146 |
| | 注射速率 Injection Rate | g/s | 120 | 135 | 152 | 128 | 159 | 172 |
| | 螺杆转速 Screw Speed | rpm | 0-200 | | | 0-180 | | |
| 合模装置 Clamping Unit | 锁模力 Clamping Force | KN | 1700 | | | 1800 | | |
| | 移模行程 Toggle Stroke | mm | 430 | | | 435 | | |
| | 拉杆内间距 Space Between Tie Bars | mm | 470*470 | | | 480*480 | | |
| | 最大模厚 Max. Mould Height | mm | 530 | | | 540 | | |
| | 最小模厚 Min. Mould Height | mm | 200 | | | 200 | | |
| | 顶出行程 Ejector Stroke | mm | 115 | | | 135 | | |
| | 顶出力 Ejector Force | KN | 33 | | | 53 | | |
| 其它 Others | 最大油泵压力 Max. Pump Pressure | Mpa | 16 | | | 16 | | |
| | 油泵马达 Pump Motor Power | Kw | 15 | | | 18.5 | | |
| | 伺服电机功率 Servo Motor Power | Kw | 18.5 | | | 22 | | |
| | 电热功率 Heater Power | Kw | 8.8 | | | 12.4 | | |
| | 外型尺寸 Machine Dimension(L*W*H) | m | 4.75*1.30*1.65 | | | 5.03*1.33*1.7 | | |
| | 机器重量 Machine Weight | Ton | 4.5 | | | 5 | | |
| | 油箱容积 Oil Tank Capacity | l | 180 | | | 180 | | |
| 模板正面尺寸 Platen Dimensions(frontal) | | |  | | |  | | |
| 模板侧面尺寸 Platen Dimensions(flank) | | |  | | |  | | |



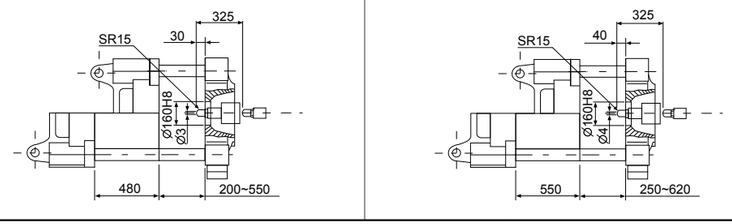
* 产品技术参数更改，恕不另行通知，最终以实际产品为准。
*Due To Comtinual Improvement,Specificationms Are Subject To Change Without Notification,The final product shall prevail.

| 参数 Parameter | | | 型号 Model FHG2400 A | FHG2400 B | FHG2400 C | FHG2700 A | FHG2700 B | FHG2700 C |
|---|---|---|---|---|---|---|---|---|
| 注射装置 Injection Unit | 螺杆直径 Screw Diameter | mm | 50 | 52 | 55 | 50 | 55 | 60 |
| | 螺杆长径比 Screw L/D Ratio | L/D | 22.3 | 21.4 | 20.2 | 24 | 21.8 | 20 |
| | 理论注射容积 Shot Volume(Theoretical) | $cm^3$ | 550 | 594 | 665 | 536 | 648 | 770 |
| | 注射重量 Injection Weight(PS) | g | 500 | 540 | 605 | 489 | 590 | 700 |
| | 注射压力 Injection Pressure | Mpa | 177 | 164 | 146 | 241 | 199 | 168 |
| | 注射速率 Injection Rate | g/s | 169 | 187 | 197 | 187 | 227 | 270 |
| | 螺杆转速 Screw Speed | rpm | 0-180 | | | 0-180 | | |
| 合模装置 Clamping Unit | 锁模力 Clamping Force | KN | 2400 | | | 2700 | | |
| | 移模行程 Toggle Stroke | mm | 495 | | | 550 | | |
| | 拉杆内间距 Space Between Tie Bars | mm | 530*530 | | | 580*580 | | |
| | 最大模厚 Max. Mould Height | mm | 550 | | | 620 | | |
| | 最小模厚 Min. Mould Height | mm | 200 | | | 250 | | |
| | 顶出行程 Ejector Stroke | mm | 130 | | | 142 | | |
| | 顶出力 Ejector Force | KN | 65 | | | 70 | | |
| 其它 Others | 最大油泵压力 Max. Pump Pressure | Mpa | 16 | | | 16 | | |
| | 油泵马达 Pump Motor Power | Kw | 22 | | | 30 | | |
| | 伺服电机功率 Servo Motor Power | Kw | 30 | | | 37 | | |
| | 电热功率 Heater Power | Kw | 13.5 | | | 15 | | |
| | 外型尺寸 Machine Dimension(L*W*H) | m | 5.60*1.50*2.20 | | | 5.96*1.56*1.94 | | |
| | 机器重量 Machine Weight | Ton | 7 | | | 7.8 | | |
| | 油箱容积 Oil Tank Capacity | l | 250 | | | 300 | | |

**模板正面尺寸**
Platen Dimensions(frontal)




**模板侧面尺寸**
Platen Dimensions(flank)



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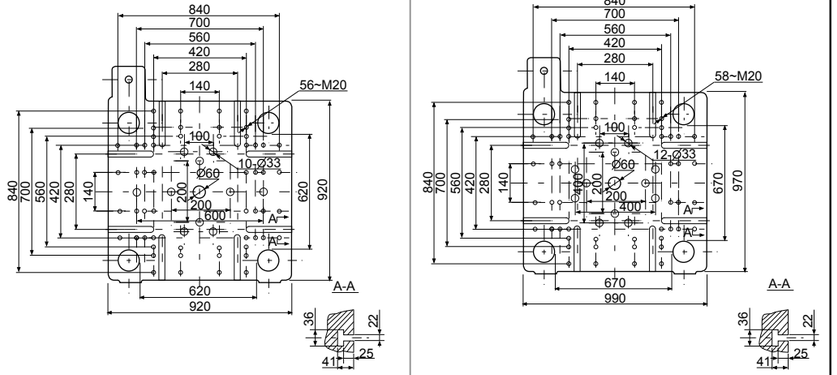
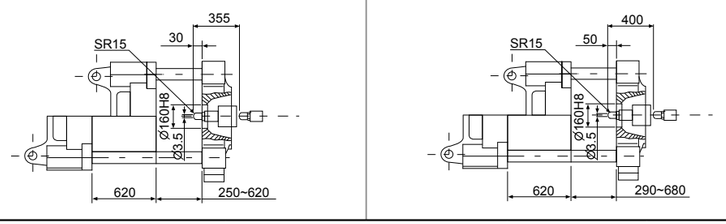
注塑机参数表
INJECTION MACHINGE SPEIFICATION
FUHONG
MANUFACTURER OF PLASTICS MACHINERY

| 参数 Parameter | | | 型号 Model FHG3000 A | FHG3000 B | FHG3000 C | FHG3600 A | FHG3600 B | FHG3600 C |
|---|---|---|---|---|---|---|---|---|
| 注射装置 Injection Unit | 螺杆直径 Screw Diameter | mm | 55 | 60 | 65 | 60 | 65 | 70 |
| | 螺杆长径比 Screw L/D Ratio | L/D | 22.9 | 21 | 19.4 | 22.7 | 21 | 19.5 |
| | 理论注射容积 Shot Volume(Theoretical) | $cm^3$ | 665 | 792 | 928 | 904 | 1061 | 1231 |
| | 注射重量 Injection Weight(PS) | g | 605 | 720 | 845 | 823 | 966 | 1120 |
| | 注射压力 Injection Pressure | Mpa | 233 | 196 | 167 | 247 | 213 | 182 |
| | 注射速率 Injection Rate | g/s | 140 | 173 | 203 | 225 | 246 | 289 |
| | 螺杆转速 Screw Speed | rpm | 0-180 | | | 0-165 | | |
| 合模装置 Clamping Unit | 锁模力 Clamping Force | KN | 3000 | | | 3600 | | |
| | 移模行程 Toggle Stroke | mm | 610 | | | 635 | | |
| | 拉杆内间距 Space Between Tie Bars | mm | 620*620 | | | 670*670 | | |
| | 最大模厚 Max. Mould Height | mm | 620 | | | 680 | | |
| | 最小模厚 Min. Mould Height | mm | 250 | | | 290 | | |
| | 顶出行程 Ejector Stroke | mm | 150 | | | 170 | | |
| | 顶出力 Ejector Force | KN | 70 | | | 90 | | |
| 其它 Others | 最大油泵压力 Max. Pump Pressure | Mpa | 16 | | | 16 | | |
| | 油泵马达 Pump Motor Power | Kw | 30 | | | 37 | | |
| | 伺服电机功率 Servo Motor Power | Kw | 37 | | | 45 | | |
| | 电热功率 Heater Power | Kw | 18.3 | | | 21.4 | | |
| | 外型尺寸 Machine Dimension(L*W*H) | m | 6.11*1.77*2.20 | | | 7.20*2.00*2.40 | | |
| | 机器重量 Machine Weight | Ton | 8.7 | | | 13.5 | | |
| | 油箱容积 Oil Tank Capacity | l | 300 | | | 420 | | |

**模板正面尺寸**
Platen Dimensions(frontal)




**模板侧面尺寸**
Platen Dimensions(flank)



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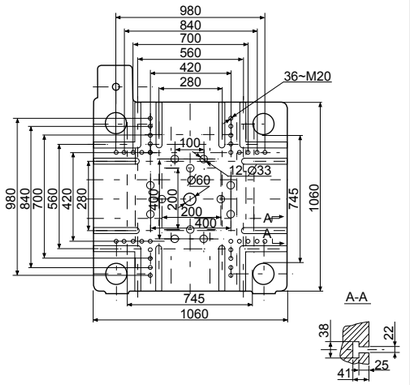
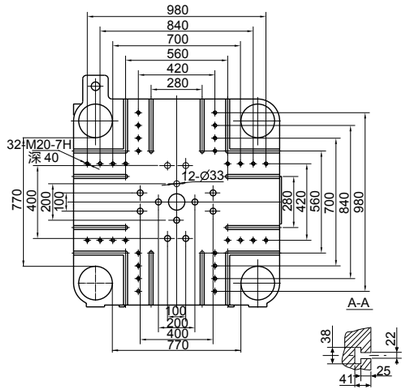
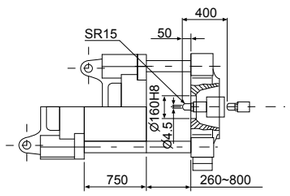
| 参数 Parameter | | | 型号 Model FHG4200 | | | FHG4600 | | |
|---|---|---|---|---|---|---|---|---|
| | | | A | B | C | A | B | C |
| 注射装置 Injection Unit | 螺杆直径 Screw Diameter | mm | 70 | 75 | 80 | 75 | 80 | 85 |
| | 螺杆长径比 Screw L/D Ratio | L/D | 23.6 | 22 | 20.6 | 22.5 | 21 | 20 |
| | 理论注射容积 Shot Volume(Theoretical) | $cm^3$ | 1385 | 1590 | 1809 | 1590 | 1809 | 2040 |
| | 注射重量 Injection Weight(PS) | g | 1260 | 1447 | 1646 | 1447 | 1646 | 1856 |
| | 注射压力 Injection Pressure | Mpa | 180 | 156 | 138 | 156 | 138 | 122 |
| | 注射速率 Injection Rate | g/s | 357 | 406 | 445 | 406 | 445 | 500 |
| | 螺杆转速 Screw Speed | rpm | 0-165 | | | 0-165 | | |
| 合模装置 Clamping Unit | 锁模力 Clamping Force | KN | 4200 | | | 4600 | | |
| | 移模行程 Toggle Stroke | mm | 740 | | | 770 | | |
| | 拉杆内间距 Space Between Tie Bars | mm | 745*745 | | | 770*770 | | |
| | 最大模厚 Max. Mould Height | mm | 800 | | | 800 | | |
| | 最小模厚 Min. Mould Height | mm | 260 | | | 280 | | |
| | 顶出行程 Ejector Stroke | mm | 180 | | | 180 | | |
| | 顶出力 Ejector Force | KN | 90 | | | 90 | | |
| 其它 Others | 最大油泵压力 Max. Pump Pressure | Mpa | 16 | | | 16 | | |
| | 油泵马达 Pump Motor Power | Kw | 37 | | | 45 | | |
| | 伺服电机功率 Servo Motor Power | Kw | 45 | | | 55 | | |
| | 电热功率 Heater Power | Kw | 25 | | | 27 | | |
| | 外型尺寸 Machine Dimension(L*W*H) | m | 7.35*1.82*2.40 | | | 7.60*1.95*2.50 | | |
| | 机器重量 Machine Weight | Ton | 15.4 | | | 18 | | |
| | 油箱容积 Oil Tank Capacity | l | 550 | | | 550 | | |

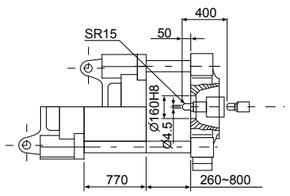
**模板正面尺寸**
Platen Dimensions(frontal)




**模板侧面尺寸**
Platen Dimensions(flank)



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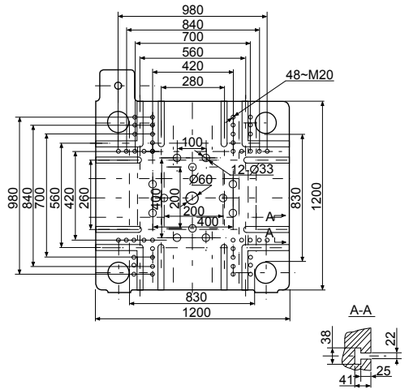
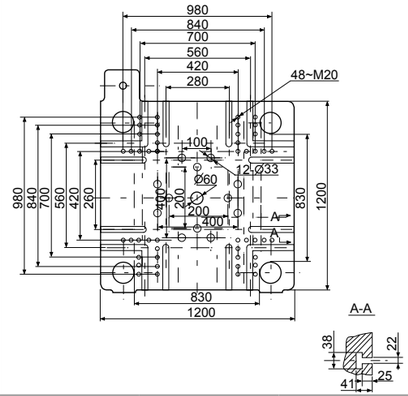
注塑机参数表
INJECTION MACHINGE SPEIFICATION
FUHONG
MANUFACTURER OF PLASTICS MACHINERY

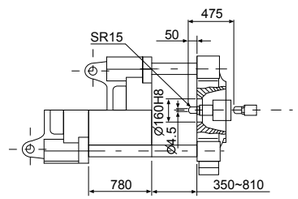
| 参数 Parameter | | | 型号 Model FHG5000 | | | FHG5300 | | |
|---|---|---|---|---|---|---|---|---|
| | | | A | B | C | A | B | C |
| 注射装置 Injection Unit | 螺杆直径 Screw Diameter | mm | 80 | 85 | 90 | 80 | 85 | 90 |
| | 螺杆长径比 Screw L/D Ratio | L/D | 20.7 | 19.5 | 18.4 | 20.7 | 19.5 | 18.4 |
| | 理论注射容积 Shot Volume(Theoretical) | $cm^3$ | 1960 | 2213 | 2480 | 1960 | 2213 | 2480 |
| | 注射重量 Injection Weight(PS) | g | 1783 | 2014 | 2257 | 1783 | 2014 | 2257 |
| | 注射压力 Injection Pressure | Mpa | 168 | 148 | 132 | 168 | 148 | 132 |
| | 注射速率 Injection Rate | g/s | 440 | 496 | 556 | 440 | 496 | 556 |
| | 螺杆转速 Screw Speed | rpm | 0-145 | | | 0-145 | | |
| 合模装置 Clamping Unit | 锁模力 Clamping Force | KN | 5000 | | | 5300 | | |
| | 移模行程 Toggle Stroke | mm | 780 | | | 850 | | |
| | 拉杆内间距 Space Between Tie Bars | mm | 830*830 | | | 830*830 | | |
| | 最大模厚 Max. Mould Height | mm | 810 | | | 810 | | |
| | 最小模厚 Min. Mould Height | mm | 350 | | | 350 | | |
| | 顶出行程 Ejector Stroke | mm | 240 | | | 240 | | |
| | 顶出力 Ejector Force | KN | 152 | | | 152 | | |
| 其它 Others | 最大油泵压力 Max. Pump Pressure | Mpa | 16 | | | 16 | | |
| | 油泵马达 Pump Motor Power | Kw | 55 | | | 55 | | |
| | 伺服电机功率 Servo Motor Power | Kw | 30+30 | | | 30+30 | | |
| | 电热功率 Heater Power | Kw | 29.5 | | | 29.5 | | |
| | 外型尺寸 Machine Dimension(L*W*H) | m | 7.80*2.00*2.21 | | | 7.80*2.00*2.21 | | |
| | 机器重量 Machine Weight | Ton | 19.5 | | | 20 | | |
| | 油箱容积 Oil Tank Capacity | l | 700 | | | 700 | | |

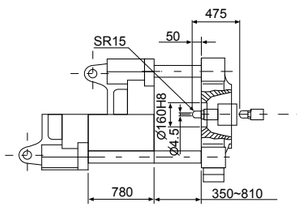
**模板正面尺寸**
Platen Dimensions(frontal)




**模板侧面尺寸**
Platen Dimensions(flank)

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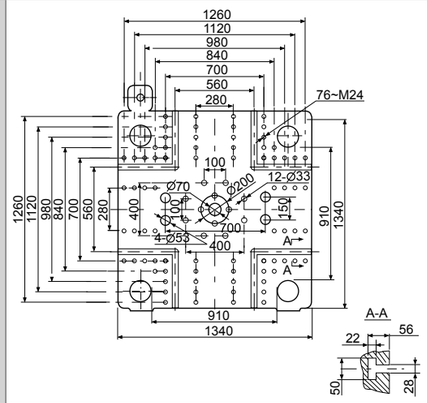
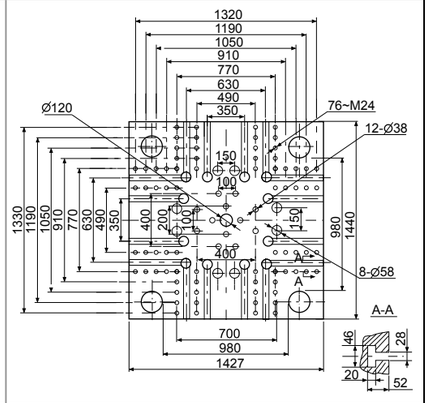
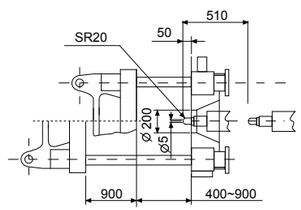
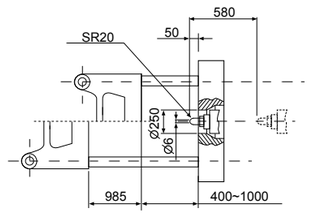
| 参数 Parameter / 型号 Model | | | FHG6500 | | | | FHG8000 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | A | B | C | D | A | B | C | D |
| 注射装置 Injection Unit | 螺杆直径 Screw Diameter | mm | 80 | 90 | 100 | 110 | 90 | 100 | 110 | 120 |
| | 螺杆长径比 Screw L/D Ratio | L/D | 24.8 | 22 | 19.8 | 18 | 25.5 | 23 | 20.9 | 19.1 |
| | 理论注射容积 Shot Volume(Theoretical) | $cm^3$ | 2112 | 2673 | 3300 | 3993 | 2925 | 3611 | 4369 | 5200 |
| | 注射重量 Injection Weight(PS) | g | 1920 | 2430 | 3003 | 3631 | 2632 | 3250 | 3932 | 4680 |
| | 注射压力 Injection Pressure | Mpa | 224 | 177 | 143 | 118 | 228 | 184 | 152 | 128 |
| | 注射速率 Injection Rate | g/s | 420 | 531 | 656 | 794 | 492 | 607 | 735 | 875 |
| | 螺杆转速 Screw Speed | rpm | 0-130 | | | | 0-120 | | | |
| 合模装置 Clamping Unit | 锁模力 Clamping Force | KN | 6500 | | | | 8000 | | | |
| | 移模行程 Toggle Stroke | mm | 920 | | | | 985 | | | |
| | 拉杆内间距 Space Between Tie Bars | mm | 910*910 | | | | 980*980 | | | |
| | 最大模厚 Max. Mould Height | mm | 900 | | | | 1000 | | | |
| | 最小模厚 Min. Mould Height | mm | 400 | | | | 400 | | | |
| | 顶出行程 Ejector Stroke | mm | 260 | | | | 280 | | | |
| | 顶出力 Ejector Force | KN | 175 | | | | 186 | | | |
| 其它 Others | 最大油泵压力 Max. Pump Pressure | Mpa | 16 | | | | 16 | | | |
| | 油泵马达 Pump Motor Power | Kw | 30+37 | | | | 37+37 | | | |
| | 伺服电机功率 Servo Motor Power | Kw | 37+37 | | | | 45+45 | | | |
| | 电热功率 Heater Power | Kw | 46 | | | | 58.45 | | | |
| | 外型尺寸 Machine Dimension(L*W*H) | m | 9.90*2.50*3.00 | | | | 11.00*2.60*3.80 | | | |
| | 机器重量 Machine Weight | Ton | 36 | | | | 45 | | | |
| | 油箱容积 Oil Tank Capacity | l | 860 | | | | 1000 | | | |
| Platen Dimensions(frontal) 模板正面尺寸 | | |  | | | |  | | | |
| Platen Dimensions(flank) 模板侧面尺寸 | | |  | | | |  | | | |



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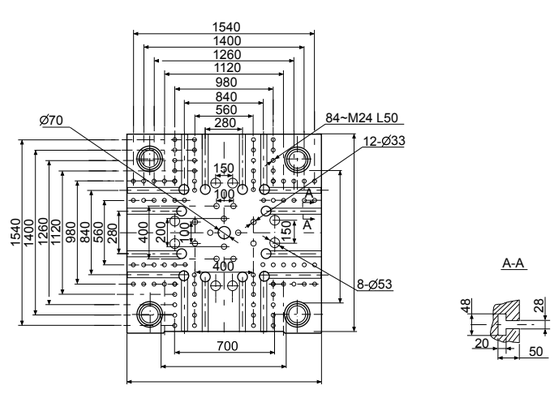
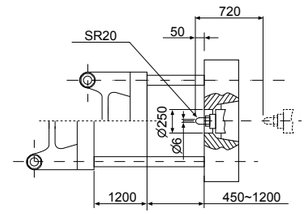
注塑机参数表
INJECTION MACHINGE SPEIFICATION
FUHONG
MANUFACTURER OF PLASTICS MACHINERY

| 参数 Parameter / 型号 Model | | | FHG11000 | | | |
|---|---|---|---|---|---|---|
| | | | A | B | C | D |
| 注射装置 Injection Unit | 螺杆直径 Screw Diameter | mm | 100 | 110 | 120 | 130 |
| | 螺杆长径比 Screw L/D Ratio | L/D | 23 | 20.9 | 19.1 | 17.7 |
| | 理论注射容积 Shot Volume(Theoretical) | $cm^3$ | 3786 | 4581 | 5451 | 6398 |
| | 注射重量 Injection Weight(PS) | g | 3445 | 4168 | 4960 | 5822 |
| | 注射压力 Injection Pressure | Mpa | 211 | 174 | 146 | 125 |
| | 注射速率 Injection Rate | g/s | 663 | 802 | 954 | 1120 |
| | 螺杆转速 Screw Speed | rpm | 0-110 | | | |
| 合模装置 Clamping Unit | 锁模力 Clamping Force | KN | 11000 | | | |
| | 移模行程 Toggle Stroke | mm | 1200 | | | |
| | 拉杆内间距 Space Between Tie Bars | mm | 1100*1100 | | | |
| | 最大模厚 Max. Mould Height | mm | 1200 | | | |
| | 最小模厚 Min. Mould Height | mm | 500 | | | |
| | 顶出行程 Ejector Stroke | mm | 320 | | | |
| | 顶出力 Ejector Force | KN | 215 | | | |
| 其它 Others | 最大油泵压力 Max. Pump Pressure | Mpa | 16 | | | |
| | 油泵马达 Pump Motor Power | Kw | 45+45 | | | |
| | 伺服电机功率 Servo Motor Power | Kw | 37+37+37 | | | |
| | 电热功率 Heater Power | Kw | 68.45 | | | |
| | 外型尺寸 Machine Dimension(L*W*H) | m | 11.92*2.80*4.00 | | | |
| | 机器重量 Machine Weight | Ton | 50 | | | |
| | 油箱容积 Oil Tank Capacity | l | 1150 | | | |
| Platen Dimensions(frontal) 模板正面尺寸 | | |  | | | |
| Platen Dimensions(flank) 模板侧面尺寸 | | |  | | | |



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# 特种机 SPECIAL MACHINE

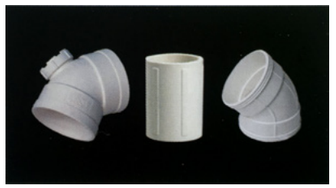
1. This series of machines are equipped with power capacity increasing and rapid system optimization module. Under the reasonable configuration of general plastic raw materials, the fastest injection speed can be increased by more than 100%, the injection pressure can reach more than 230MPa, and the molding cycle of some products can reach less than 4.5 seconds.
2. The first mock exam is widely suitable for rapid injection molding of thin wall, multi cavity and other precision products. It is especially suitable for ideal equipment for rapid injection molding in conventional machines which can not achieve high-quality products or high efficiency production.
3. Mold heating and temperature control signals are directly connected with the computer PID of the injection molding machine, and the high-precision temperature control is realized through the computer temperature sensing interface and optical isolation output card.

1、该系列机型配备功率增容快速系统优化模块，实现一般塑料原料在合理配置 下其最快注射速度同比提高 100% 以上，注射压力可达 230Mpa 以上，有些制品的成型周期可达 4.5 秒以内。
2、本机广泛适合薄壁、一模多腔和其它精密制品的快速注射成型，特别适用于在常规机器所难以达到优质制品或高效生产的快速注塑成型的理想设备。
3、模具加热及温控信号直接与注塑机电脑 PID 连接，通过电脑温度感应介面与光隔离输出卡实现对温度的高精度控制。

薄壁高速机
Thin Wall High Speed Machine

Air cooling device, fast control reaction, accurate temperature.
New special screw structure design, suitable for UPVC material performance, plasticizing stability, good effect.
The widened safety door structure is suitable for placing long core mould.
Multiple core pulling devices can be configured.

风冷装置，控制反应迅速，温度准确。
新型专用的螺杆结构设计，适用 UPVC 的材料性能，塑化稳定，效果佳。
加宽的安全门结构，适合放置长芯模具。
可配置多组抽芯装置。



PVC 专用机
PVC Machine

The special injection molding machine for PET bottle embryo is equipped with pet special plasticizing components optimized and designed by our company. The L / D ratio is above 22:1, which can ensure high-speed and high-quality plasticization under low shear conditions, ensure the crystallization quality of pet products, and have high transparency of bottle embryo. It is a special injection molding machine for PE bottle embryo products.

PET 瓶胚专用注塑机，配备我公司经优化设计的 PET 专用塑化组件，L/D 比为 22:1 以上，保证低剪切条件下的高速优质塑化，确保 PET 产品的结晶质量，瓶胚透明度高，是 PE 瓶胚产品的专用注塑机。

PET 瓶胚专用机
PET Preform Machine

High efficiency and energy-saving bakelite injection molding machine is a new type of high-efficiency, energy-saving and precise bakelite special injection molding machine developed by our company. With variable as the standard configuration, the manufacturing technology and performance parameters, including the design of the machine, are ahead of the domestic models of the same grade.
Application fields:
Using phenolic resin as material to produce electrical and household appliances accessories, suitable for the manufacture of household appliances and low-voltage electrical appliances.

高效节能电木注塑机是我公司全新研制开发的一款高效、节能、精密的连杆曲肘式电木专用注塑成型机，以变量作为标准配置，制造技术及性能参数、包括机器的设计都领先于国内同档次机型。
应用领域：
以酚醛树脂为材料生产电气和家电配件，适合家用电器和低压电器制造。

DM 热固性电木机
DM Thermosetting Bakelite Machine