

**39** years

富強鑫多組分成型技術39周年  
Multi-Component IMM – Since 1984

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# **GW-R** SERIES

## 二板式多組分注塑機

Two-Platen Multi-Component Injection Molding Machine

GW-R 標準型

GW-R X型

# 產品特点

## Product Features

### ● 大柱夾持

智能精確大柱夾持結構，與大柱在正確位置抱合，確保足夠鎖模力。

#### **Tie Bar Locking Mechanism**

A tie bar locking system with split nut mechanism for accurate clamping force and position.

### ● 鎖模單元

車壁採用有限元素分析協助設計，確保機台及模具受力均勻，延長使用壽命並提升產品品質。

#### **Clamping Unit**

The platen is designed with FEM analysis to ensure the machine and the mold sustaining force balance. It will extend the machine life and also increase the product quality.

### ● 電控升級

新式電控設計，整合SPC和遠端監控系統，提升機台的生產與管理效率。模具低壓保護，確保模具壽命。

#### **Upgraded Controller**

Equipped with a newly designed control panel with integrated SPC and Remote Monitoring System to increase productivity and management efficiency. Equipped with a low pressure protection system to increase a mold's lifespan.

### ● 緊湊高效的射出單元

射出部分有兩組獨立料管組，同步做射出動作，大幅縮短成型週期。螺桿及料管採用國外特殊合金鋼材，經離子氮化處理，耐腐蝕、耐磨性和耐高溫。採用PID溫度控制，具螺桿冷間啟動限制，斷線偵測功能，並控制溫度在 $\pm 1^{\circ}\text{C}$ 。

#### **Compact and High Efficiency Injection Unit**

Two isolated barrel sets can inject at the same time to reduce the cycle time to get more profit. With finest steel and most innovative ino-nitriding process, the hardness of screw and barrel reaches above HV950, to ensure high wear-resistance. Using PID temperature control, with a cold start between the screw limite, breakage detection, and control the temperature at  $\pm 1^{\circ}\text{C}$ .

### ● 簡約優化的管路設計

主油路管直線佈置，油路壓力損失小，更為合理美觀，安裝維護更為方便。

#### **Piping Design Improvement**

The straight main piping declines the oil pressure and makes installation and maintenance more effective.

### ● 高效節能伺服動力系統

配置高性能伺服電機可節能約30%-70%。

#### **High Efficiency Servo Power System**

Adopting AC/PM synchronous servo motor. Energy-saving can reach up to 30%-70%.

