

42 years

富強鑫多組分成型技術42周年
Multi-Component IMM – Since 1984

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GW-R SERIES

二板式多組分射出機

Two-Platen Multi-Component Injection Molding Machine

GW-R 標準型

GW-R X型

產品特點

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%.

