

SA-h SERIES

FCS
www.fcs.com.tw

薄壁包裝專用機

High-Speed Thin-Wall Injection Molding Machine

夾模設計 Clamping structure design

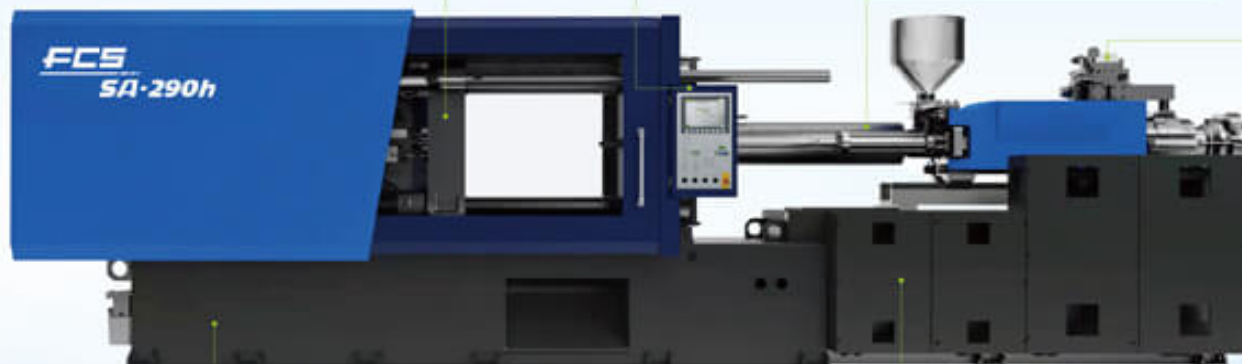
- 高剛性模板設計，彈性變形小，成型鎖模力更低。
- 標配高速比例閥，開模響應更快，定位更準，循環週期短。
- High rigidity platen mechanism, less deformation, lower clamping force.
- Standard high-speed proportional valve, with fast mold open response, accurate positioning and short cycle time.

電控單元 Control system

- 標配KEBA控制系統。
- 動作掃描週期1ms以內。
- 符合人體工程學佈局。
- 具資料圖像監控功能。
- Standard equipped with KEBA control system.
- Operation mode scan within 1ms.
- Ergonomic layout.
- Data image monitoring.

精準溫控 Precision temperature control

- 標配紅外奈米加熱圈，升溫快，保溫性能好，節能超過30%。
- 採用PID溫度控制，可控制在 $\pm 1^{\circ}\text{C}$ 。
- 採用大L/D比，高混煉螺桿，塑化效果好。
- Standard infrared heater, fast heating, good heat preservation, energy saving over 30%.
- Adopt PID temperature control, temperature control within $\pm 1^{\circ}\text{C}$.
- Adopt large L/D ratio, high mixing screw and good plasticization efficiency.



精準注射 Precision injection molding

- 射台及座移採用雙線軌設計，摩擦阻力低，精度更高。
- 中慣量單缸射出結構，起速快，重複精度高。
- The injection unit support adopts high-precision double linear guides, the lower friction resistance, the higher precision.
- The medium-inertia single-cylinder injection mechanism, fast response and high repeatability.

先進機架工藝 Advanced machine base technology

- 整機管路採用無焊接工藝，降低漏油風險。
- 提升油路清潔度，機台壽命更長。
- The pipelines adopt no welding processing, decreasing the risk of oil leaking.
- Improving the cleanness of oil circuits and increase machine life.

伺服電機系統 Servo motor system

- 標配高性能伺服動力系統，節能約30%-70%。
- 獨特的模組化設計，方便維修。
- 可以實現雙迴路動作，最大程度縮短成型週期。
- Equipped with high performance servo power system, energy saving about 30%-70%.
- Unique modular design, easy maintainance.
- It can be realized double loops system, improving production efficiency.