

Power Supply Features 放電加工控制系統



Modularized Controller Design

More stability and easy for service

模組化控制器設計

提升系統穩定性，增加維修之便利性

FPGA pulse control circuit

Full digital discharge pulse control circuit, use FPGA to achieve high efficiency pulse management, increase the spark efficiency and reduce ARC.

FPGA 放電控制電路設計

放電脈波控制採用全數位設計，運用FPGA大型積體電路元件，達成高能效之放電控制，有效減少機噐發生，大幅提升放電加工效率。

1. Pentium PC-Based CNC controller.
2. 15 inch color Monitor.
3. User friendly Man-Machine Interface.
4. Ten-step depth eroding depth table.
5. Built in eroding parameter libraries for different materials.
6. Intelligent ARC prevention system.
7. Special material eroding circuit. (Option)
8. Path retrace function for flush during undercut.
9. MPG. (optional)

1. Pentium 新PC-Based 工業用電腦控制器。
2. 15吋的彩色螢幕。
3. 對話式人機介面。
4. 表格編輯式十段深度加工程式設定。
5. 內建多種加工參數資料庫。
6. 智慧型機噐保護裝置。
7. 特殊材質加工迴路設計。(選配)
8. 循環回退排渣功能。
9. 手搖輪功能。(選配)

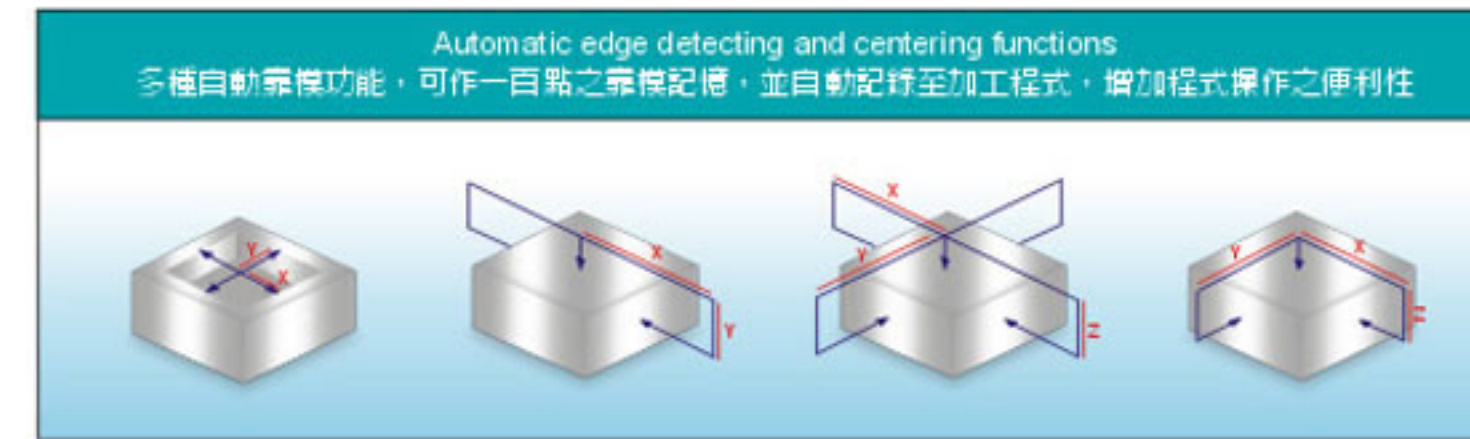
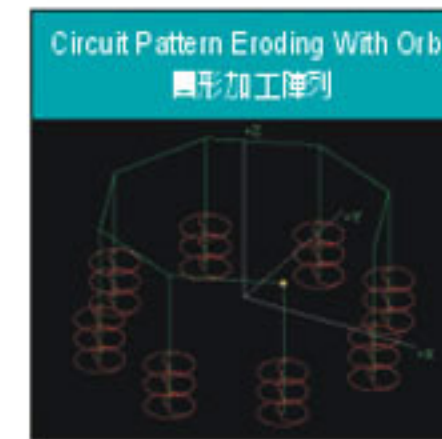
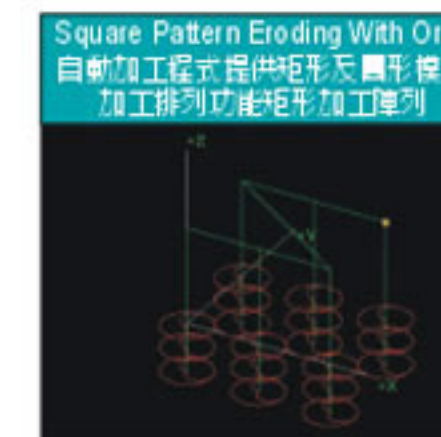
Laser calibration 雷射校正精度檢驗



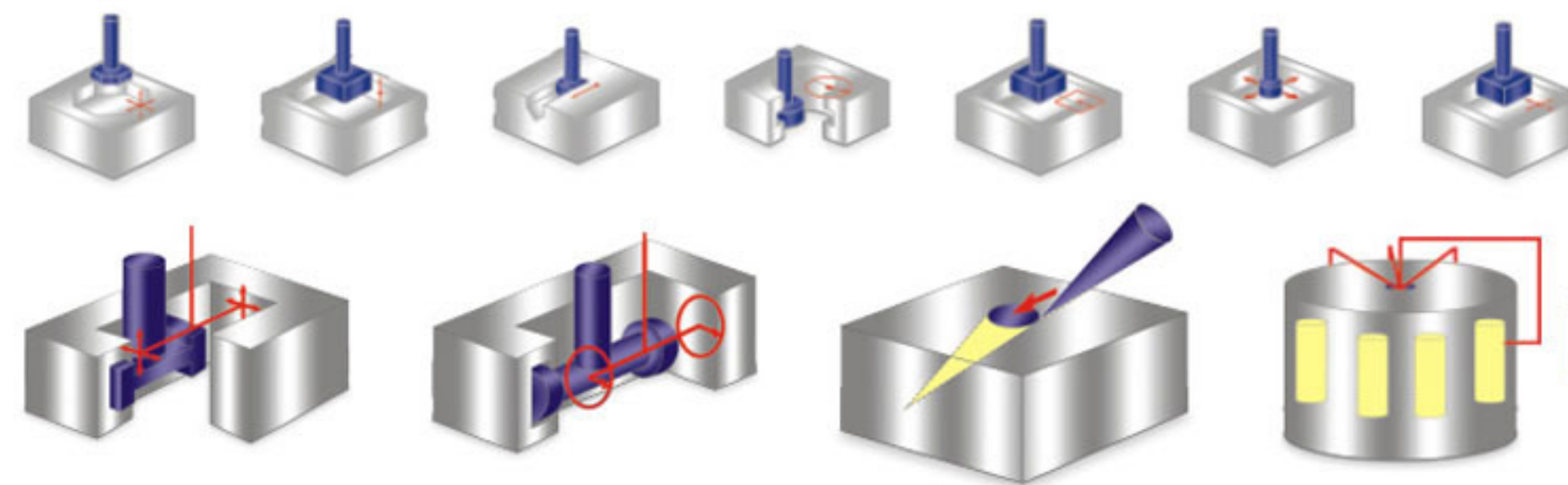
Besides on-line manufacturing quality control, final laser inspection is applied to ensure the machine accuracy.

三軸全部徑向精度檢驗，確保定位精度和重複精度。

Software Features 軟體操作功能



3D Orbit function 3D搖動功能



1. Multiple orbital eroding pattern with 3D orbit available.
2. Automatic cutting condition generator.
3. Rectangular and circular point layout available.
4. Automatic edge detecting and Centering functions.
5. Automatic touch point memorize function
6. Simultaneous 3D motion with eroded path graphical display

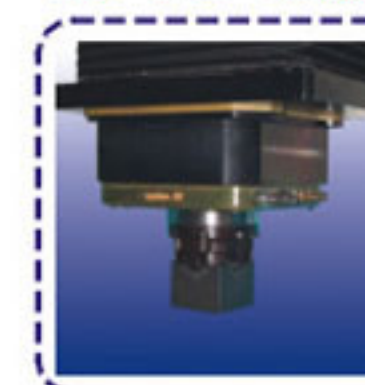
1. 多種搖動功能並可作3軸搖動
2. 自動放電參數功能
3. 矩形及圓形孔位自動設定
4. 自動靠邊及尋心功能
5. 自動靠邊點呼叫及記憶功能
6. 3軸同時加工並可顯示軌跡圖型

FLEXIBLE APPLICATION EXAMPLES (Option) 加工功能 (選配)



- Automatic Tool Changer (Erova or 3R ATC 4 to 6 tools available)
- High precision, High accuracy ATC system.
- 自動換刀系統 (Erova or 3R 刀具 4~6把刀)
- 高精度、重覆定位準確、省時、適用彈性加工。

High precision C axis system (Option) 精密C軸加工系統 (選配)



Optional C axis available for index or helix machining.
C軸可選配做定位或螺旋加工