

## ■ 機械規格 SPECIFICATIONS

(單位unit:mm)

| 型 式                      | MODEL   | 300S CNC                               | 350S CNC | 400S CNC    |
|--------------------------|---|--|----------|-------------|
| 1 鉋頭最大衝程                 | Maximum stroke of ram                           | 300                                    | 350      | 400         |
| 2 鉋頭最大傾斜角度               | Maximum front swivel angle of ram               | 10°                                    |          |             |
| 3 鉋頭垂直調整距離               | Ram adjustable distance in vertical             | 350                                    |          |             |
| 4 鉋頭每分鐘衝程數 (4X8段)        | Ram speed (S.P.M)4x8 steps                      | 22. 36. 56. 91 (100%)                  |          |             |
| 5 鉋頭導路下端至工作台距離           | Distance from end of ram guide to working table | 560                                    |          | 670         |
| 6 工作台直徑                  | diameter of working table                       | Ø590                                   |          |             |
| 7 工作台允許載重                | Permissible load of working table               | 800kgs                                 | 800kgs   | 1000kgs     |
| 8 工作台T型槽尺寸               | T slots size of working table                   | 8 x 18 mm T-slots                      |          |             |
| 9 工作台左右 (X軸) 移動距離        | Cross (X axis) travel distance                  | 470                                    |          |             |
| 10 工作台前後 (Y軸) 移動距離       | Longitudinal (Y axis) travel distance           | 430                                    |          |             |
| 11 工作台中心至機身距離            | Distance from table center to column            | 420-870                                |          |             |
| 12 刀桿座至機身距離              | Distance from tools post to column              | 550                                    |          |             |
| 13 工作台快速移動速度100% (Z:旋轉軸) | Rapid feedrate (100%)                           | X.Y. 5,000mm/min Z(rotation) 11rev/min |          |             |
| 14 工作台切削進給速度 (Z:旋轉軸)     | Cutting feedrate                                | X.Y. 5,000mm/min Z(rotation) 11rev/min |          |             |
| 15 可挾持最大刀柄尺寸             | Maximum size of tool holder                     | □50                                    |          |             |
| 16 鉋頭驅動馬達                | Ram driving motor                               | 3.75kw 4P                              |          |             |
| 17 鉋頭高低升降驅動馬達            | Adjusting motor for RAM up and down             | 0.2kw 3Ø R 1/12.5                      |          |             |
| 18 進給馬達 (AC伺服Kw)         | Feeding motor (AC servo Kw)                     | X:1.0 Y:1.0 Z:2.0                      |          |             |
| 19 油壓馬達                  | Hydraulic motor                                 | 0.75kw                                 |          |             |
| 20 冷卻馬達                  | Coolant motor                                   | 0.2kw 4P                               |          |             |
| 21 集排屑馬達                 | Chip screw motor                                | 25W 4P R1/30                           |          |             |
| 22 定位精度                  | Positioning accuracy                            | X.Y. ±0.01 Z:40"                       |          |             |
| 23 往復定位精度 (Z:旋轉軸)        | Reciprocating feed accuracy                     | X.Y. ±0.01 Z:±5"                       |          |             |
| 24 淨重                    | Net weight (kgs)                                | 3,800                                  | 4,000    | 4,200       |
| 25 外觀尺寸 (公分)             | Outline dimension (CM) LxWxH                    | 222x166x246                            |          | 222x166x257 |
| 26 裝箱尺寸 (公分)             | Packing dimension (CM)LxWxH                     | 246x180x271                            |          | 246x180x282 |

## 新代940 CNC 電腦控制器

### 特性說明:

1. G/M CODE為國際標準語言，相容性高。
2. 採用工業級 PC BASE架構，開放性強，穩定度佳。
3. 採用CF記憶體設計，無機械接觸，耐震度高。
4. 內建程式記憶空間16MB，且可再加大，儲存程式無限制。
5. 具備磁碟機介面與RS-232，可輕易的將程式輸出做資料管理。
6. 程式可寫中英文註解，且主程式檔名可支援英文字。
7. 圖形模擬的功能可任意倍數放大，單步模擬。
8. 具備MPG模擬功能，可避免程式寫錯，降低加工撞車的機會。
9. 支援LADDER與I/O的診斷功能。
10. 可透過網際網路更新系統軟體。
11. 紀錄最近200次的警示，並可將其儲存起來做為維修參考。
12. 配電電路模組化，維修容易。
13. 使用標準語言為中文與英文。
14. 內建MARCO功能，可開發專用對話式功能。

### 控制器規格說明:

1. 586等級工業用PC BASE
2. 內建系統為DOS系統
3. 標準軸卡為四軸卡，內建四個全伺服軸一組DA一組MPG
4. 採用日製國際牌高精度AC SERVO MOTOR
5. 標準I/O為48 INPUT 48 OUTPUT點
6. 內建程式記憶為16MB
7. 可選配網路功能
8. 採用四燈管工業用10.4吋TFT-LCD彩色液晶螢幕

## SYNTEC 940 CNC CONTROLLER

### CHARACTERISTICS

1. G/M Code: Standard international language(s), of high compatibility.
2. Adopt the industrial level PC base framework, of highly open quality and good stability.
3. Adopt CF memory design, without the machinery contact, of high shockproof ability.
4. The built-in program memory volume is 16MB, it can be enlarged still more, no restrictions for stored program.
5. With the disk driver interface and RS-232, which the data management for program output can be easily made.
6. The Chinese and English notations can be written into the program, and the master program file name can support English letters.
7. The figure's simulation can be magnified by multiplying at will and single step simulation.
8. With MPG simulation function that can avoid the program's being written by mistake, and lower the chance of abnormal collision between the processing parts and the cutter.
9. The diagnosis function that supports Ladder and I/O.
10. Update the system's software through the internet.
11. Record the latest 200th warnings, and you can save them to be the reference of maintenance.
12. The distribution circuit is modularized, easy to maintain.
13. The standard languages are Chinese and English.
14. The built-in MARCO function can develop the exclusive conversation function.

### Specifications & Descriptions:

1. 586 level industrial PC base.
2. The built-in system is the DOS system.
3. The standard controller is the four axis servo driver controller; four built-in servo driver controllers: one set of DA, and one set of MPG.
4. Adopt Japanese National/ Panasonic high accuracy AC servo motor.
5. The standard I/O is 48 input and 48 output points.
6. The built-in program memory is 16MB.
7. The network function is optional.
8. Adopt four-fluorescent-tube industrial 10.4-inch TFT-LCD colorful liquid crystal monitor.