

CNC9640 CNC milling/drilling controlling system (matched with servo + spindle inverter)

Introduction:

ADTECH researches and develops this high performance controller, is the more better than CNC controller

CNC4640 specifically for small and medium-sized CNC machine manufacturers for bigger program working.

Using ARM high performance CPU and ultra large scale programmable devices FPGA, real time multi task control and hardware interpolation technology, to realize the high efficiency of μm -level precision processing.

256M Electronic disk to meet the processing of a variety of large programs.

7 inch color display, Chinese and English interface can be selected by the parameters.

Function Specification

- X, Y, Z, A four axis micron level interpolation accuracy controlling;
- Can be configured with the stepper/servo drive, to achieve high performance to price ratio according to different users' requirement.
- USB/U dis/RS232COM etc many kinds of communication mode, to help users achieve different data transmission and software upgrades easily.
- Network interface, supporting for remote monitoring and DNC file transfer processing
- Open platform, customizing special system according to customer demand.
- Perfect self diagnosis function, internal and external status real-time display, alarm immediately when abnormal.
- With external additional panel, hand box operation, convenient to operate.
- Macro variable, macro definition programming, realizing a variety of logical relations. Support macro program with parameters , convenient to the user programming
- DXF+G code template function, converting DXF automatically to G code for processing.
- With the automatic aligning instrument.
- Teaching function: Teaching+ simplified instruction programming, teaching methods in table format, that is simple and intuitive.
- Graphic simulation function: show the graphics of the processing program and the tool path of the actual operation, tool path simulation processing without controlling the operation of the machine , to exam if the preparation process is correct.
- Multi interface selection: support multi language interface display, automatic fault alarm. Processing information display, processing time, the number.
- Parameter tabular: Input / output address number setting, only need to fill in the corresponding value in the configuration table.
- 7 inch super large colorful(800*480) LCD screen.

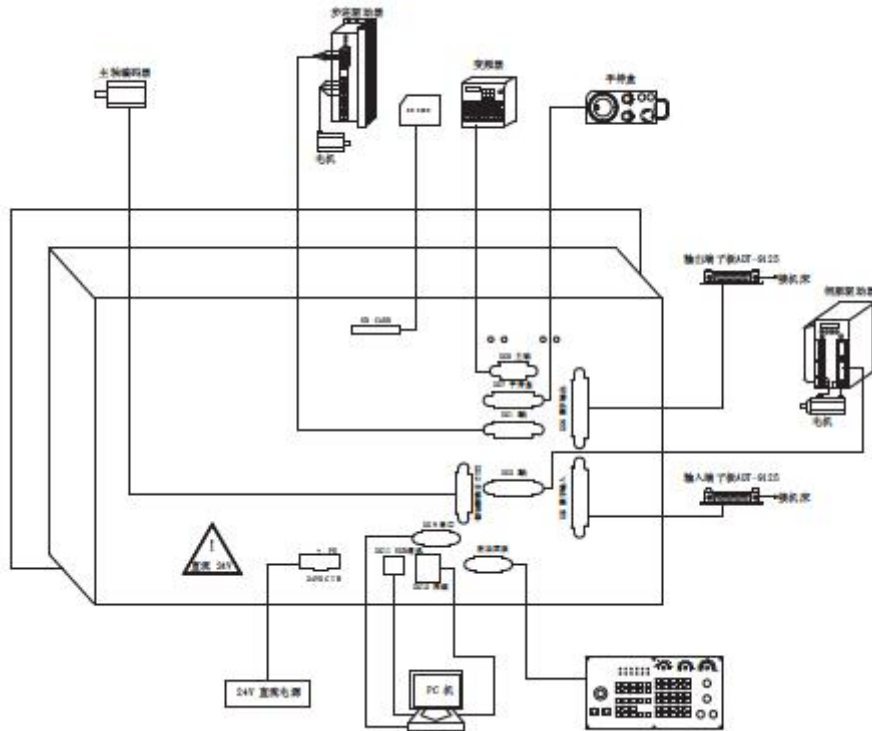
Graphic simulation function

Display graphics as well as the tool movement trajectory of the actual operation of the machining program, but does not control the machine running the simulation tool path, inspection of machining program is correct.



Easy Installation

Reliable structure, all interfaces are standard DB connector



Additional Accessories



Hand wheel box



Additional Panel



Servo, Stepper Unit

Dimension figure

Unit: (mm)

