

CNC lathe/milling machine control system



CNC 9620 (2 axis)
Popular 2 axis lathe CNC controller



CNC9640 (4 axis)
Popular 4 axis milling CNC controller



CNC9650 (5 axis)
5 axis milling CNC controller

Function Specification

- Nano-scale interpolation accuracy;
- Can be configured according to different user needs stepping, servo driver, to achieve cost performance;
- Support many kinds of communication methods, like USB, U disk, RS232COM, etc. Easy to help users achieve different data transmission requirements and software upgrades;
- With a network interface, support for remote monitoring and DNC file transfer processing;
- An open platform, can be customized according to customer's requirements;
- Effect self-diagnosis function, internal and external state of real-time display, alarm immediately if abnormal;
- Support external additional panel, hand wheel box operation, convenient for the customer tools changing ;
- Macro variables, macro definition programming, for a variety of logic relations. Support with parameters of macro program invocation, the user more convenient programming;
- DXF+G code template function, the DXF automatically converted to G code processing;
- Multiple automatic tool setting methods such as automatic centering and tool setting;
- The teaching function: teaching + RISC programming, using tabular teaching mode, the teaching method is simple, intuitive;
- With communication macro instruction, can read MODEBUS bus peripheral data;
- Support absolute servo systems, the system does not need to return to zero;
- Support Chinese and English, and provide dictionary files. Users can translate into other languages by themselves;

Parameter table

Input and output address number can be set arbitrarily.
Only the corresponding value needs to be filled in the address column of configuration table.

序号	名称	地址	数据类型	默认值
001	2轴X轴脉冲当量	013	16位浮点型	0.001
002	2轴Y轴脉冲当量	014	16位浮点型	0.001
003	2轴Z轴脉冲当量	015	16位浮点型	0.001
004	2轴A轴脉冲当量	016	16位浮点型	0.001
005	2轴B轴脉冲当量	017	16位浮点型	0.001
006	2轴C轴脉冲当量	018	16位浮点型	0.001
007	2轴D轴脉冲当量	019	16位浮点型	0.001
008	2轴E轴脉冲当量	020	16位浮点型	0.001
009	2轴F轴脉冲当量	021	16位浮点型	0.001
010	2轴G轴脉冲当量	022	16位浮点型	0.001
011	2轴H轴脉冲当量	023	16位浮点型	0.001
012	2轴I轴脉冲当量	024	16位浮点型	0.001

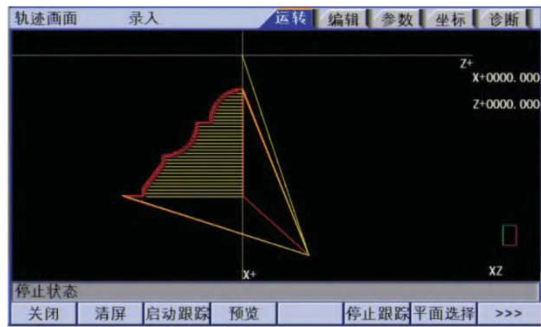
Multi-interface options

Support multi-language interface display, automatic fault alarm, rich in processing information display, processing time, number of pieces.

序号	名称	地址	数据类型	默认值
001	2轴X轴脉冲当量	013	16位浮点型	0.001
002	2轴Y轴脉冲当量	014	16位浮点型	0.001
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004	2轴A轴脉冲当量	016	16位浮点型	0.001
005	2轴B轴脉冲当量	017	16位浮点型	0.001
006	2轴C轴脉冲当量	018	16位浮点型	0.001
007	2轴D轴脉冲当量	019	16位浮点型	0.001
008	2轴E轴脉冲当量	020	16位浮点型	0.001
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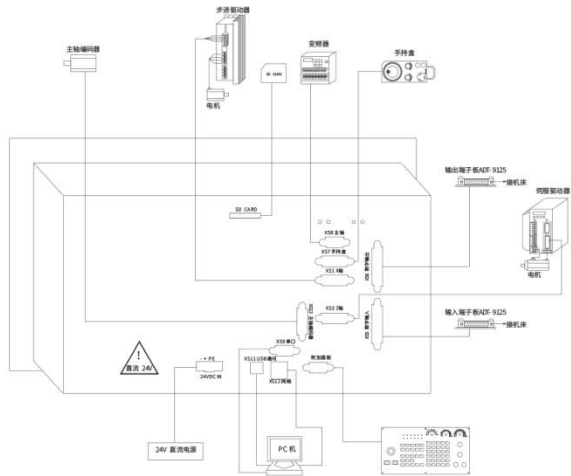
Graphic simulation function

Display graphic as well as the tool movement trajectory of the actual operation of the machining program, real-time tool path simulation during machining, inspection of machine program is correct.



Easy installation

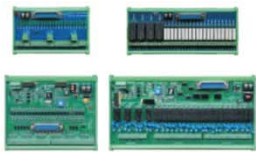
Reliable structure, all interface are standard DB connector.



Additional Accessories



Hand wheel box



Input/Output Splitter

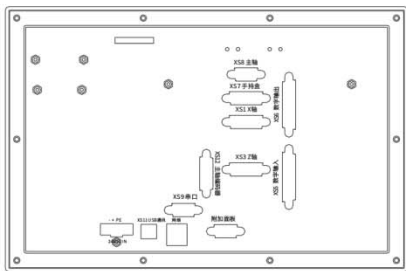
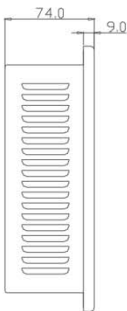
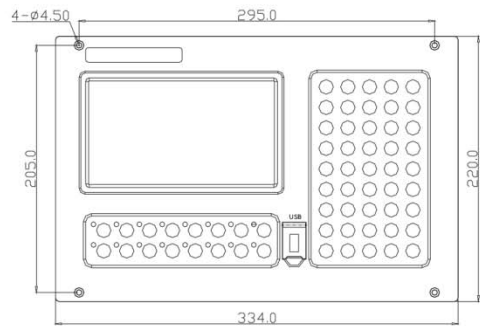


Servo, Stepper Unit



Additional Panel

Dimension figure (Unit:mm)



Product configuration

Product model	Product match	Description
CNC9620 CNC9640 CNC9650	Servo driver	ADTECH(QXM series)servo driver
	motor	ADTECH(QXS series)servo motor