Shenyang Golding NC Tech. Co. Ltd.
CNC System

Features

GJ-210 is a high-performance CNC system, can be used to control lathe, miller and machining center:

- Open architecture based on IPC

- Congfigurable HMI with 10.4 inch TFT LCD, supporting realtime display of tool path

- High-performance motion control function, supporting lookahead, multiple kinds of nonlinear compensation, etc

- Embedded PLC, supporting debug ladder online

- Standard ISO G code language, supporting parameters programming

- Tool management functions, such as tool life, tool compensation and random ATC management

GJ-210

Specifications

Item	Specifications
Control method	Motion control by MECHATROLINK-II (Position)
Number of control axis	4 axes, maximum 5 axes
Control Servo Drivers	MECHATROLINK-II ; SGDS series, SGDH series +JUSP-NS115
Unit (minimum control unit)	0.0001,0.0001 (unit: mm,deg)
Maximum command value	－2147483648 to 2147483647 pulses (signed 32-bit data) unlimited feed also possible
Motion program functions	Positioning, Liner Interpolation, Circular Interpolation, Zero point search, Time constance positioning, Line action, Electric gear, Following synchronization, Velocity command, Torque command, Small segment continuously processing function
Rapid traverse feed rate	1 to 2147483647 [command unit/min]
Interpolation traverse feed rate	1 to 2147483647 [command unit/min]
Override	0.00 to 327.67% (command unit0.01%, possible to set by axis or task)
Accel/Decel control	Accel, Decel tim: Maximum 60.000ms (trapezoid, exponential and S curve), S curve Constance: Maximum 30.000ms

MECHATROLINK specifications

		M-I	M-II	
		17-byte	17-byte	32-byte
Command	Servo	-	×	×
	Stepping Motor Drivers	-	-	-
	Intelligent I/O	-	-	-
	Simple I/O	-	-	-
	Inverter	-	-	-
Transmission cycle			2ms	1ms, 1.5ms, 2ms

Contact Information

MECHATROLINK