

Lubi

ADVANTECH

LNC

CNC MACHINING & TAPPING CENTER CONTROLLER

M5800 SERIES



THE BEST SOLUTION PROVIDER IN THE ERA OF INDUSTRY 4.0

M5800 MACHINING CENTER & TAPPING CENTER CONTROLLER

**Linux real-time
operation system**



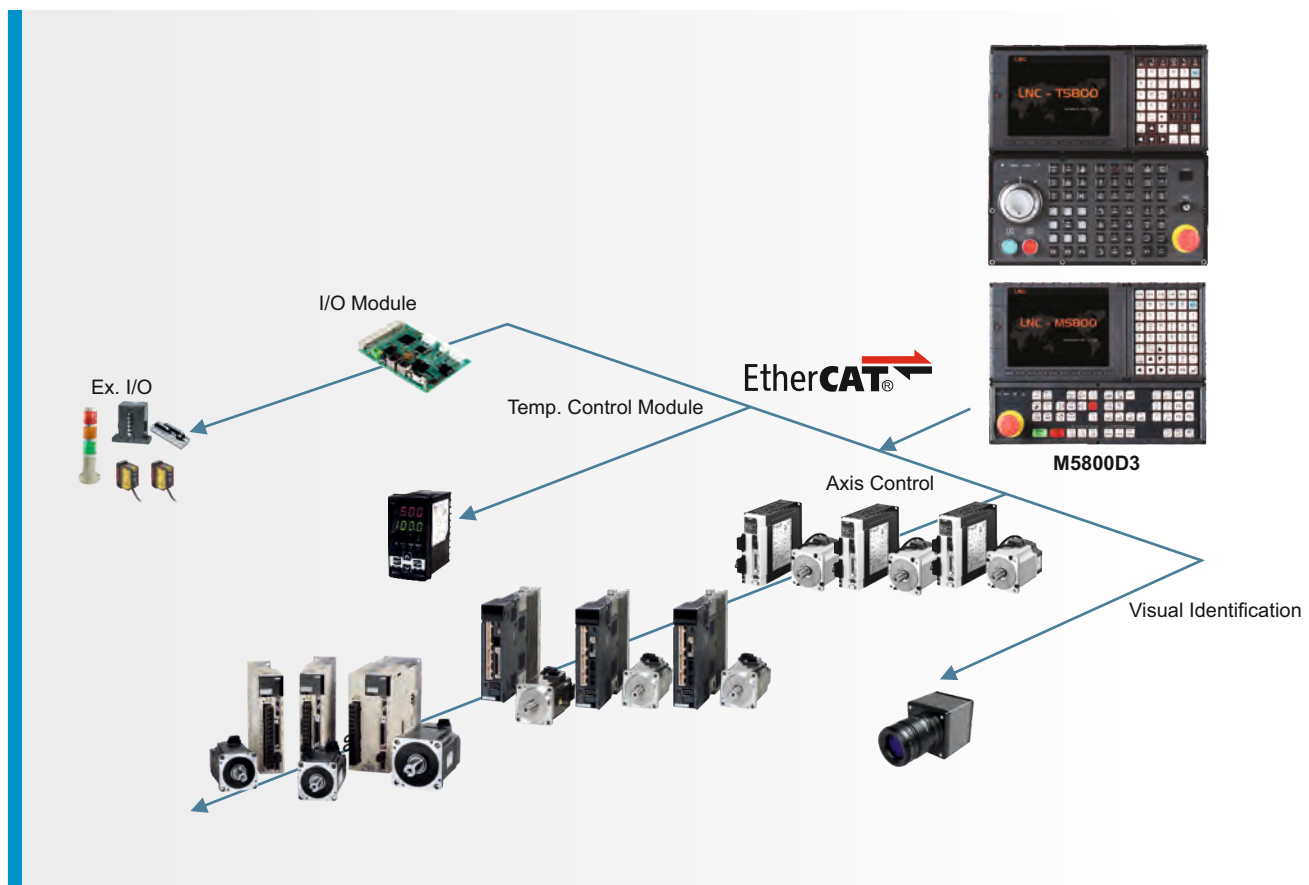
SPECIFICATIONS

		M5800AS1V04	M5800AS1V05	M5800DS3 (Basic)	M5800DS3 (Advance)
Hardware	Screen Size	8.0"	8.0"	8.0"	8.0"
	Pulse Command Axis Control port	4	6	2	2
	Fieldbus Type	-	-	EtherCAT	EtherCAT
	DA Output	1	1	2	2
	MPG Port	1	1	1	1
	Inbuilt Standard I/O	20/16	20/16	16/16	16/16
	Expandable I/O-Optional	128/128	128/128	128/128	128/128
	Front USB Port	•	•	•	•
	EtherNET Port	•	•	•	•
	MOP	•	•	•	•
Control	Memory	1GB	1GB	1GB	1GB
	Servo Axis Control (Max.)	3	5	3	7
	Spindle Axis (Max.)	1	1	1	3
	Spindle / C axis	1	1	-	2
	Rigid Tapping	•	•	•	•
	Mirror Function	•	•	•	•
	N No Search / Break Point Return	•	•	•	•
	WebAccess / Industry 4.0 / Cloud Monitoring	•	•	•	•

M5800 - Machining Center & Tapping Center Controller

The latest M5800 series controller features high speed and high reliability for machining center and tapping center. It comes with Linux-based real-time operation system. It provides open HMI and supports EtherCAT fieldbus protocol. The M5800 is the best cost-performance control system and brings competitive edge to customers.

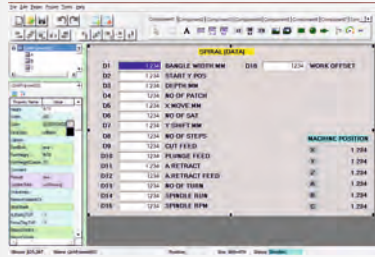
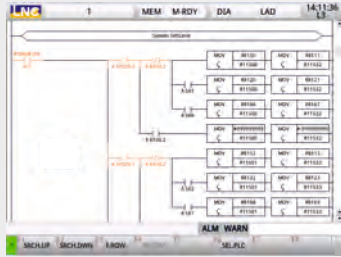
- Durable fanless design
- 32-bit, 800MHz processor, SDRAM - 256MB
- The system boots very quickly
- The PLC supports high-speed control and waveform debugging function
- EtherCAT Fieldbus protocol
- Support second development tools including PLC editing, Macro syntax, open HMI and data protection function
- Provide online search function for G/M code, the Macro syntax and operation guide
- One unit for CNC, PLC, HMI & Communication functions



BUILT-IN SECOND DEVELOPMENT TOOL

Open PLC & HMI

Ladder diagram & HMI Editing, Waveform debugging and Remote monitoring



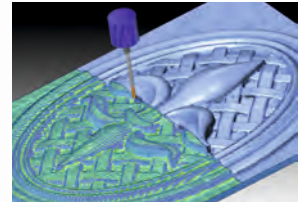
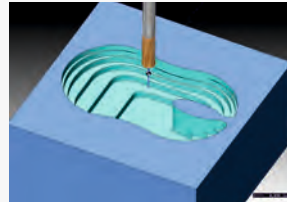
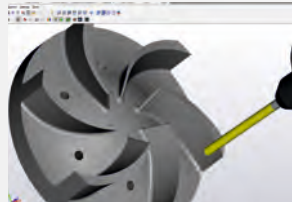
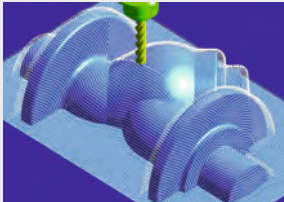
Macro Syntax

Provide large variety built-in functions and syntax



Ethernet ReCON Library

CAD/CAM Integration



3D Simulation



Vision/CCD/Sensor



DATA PROTECTION

Protect your Know-How

- Encrypt the file directly
Can not be open correctly by PLC editor/QUI-Designer
Switch on the controller, the password is required
- Secure and lock available
Macro syntax
PLC Ladder
Open HMI

ONLINE HELP

- One key quick tip
- Online operation instructions
Call up the operating instruction at anytime when operating
- Online alerts/warnings troubleshooting instructions
Call up the instruction according to the error when alerts/warnings occurred
- Online G/M code instructions
Completely and detailed
- Customized the instructions



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