

MP3200iec Machine Controller



Flexible Machine Solutions

- Reusable modular code with IEC 61131-3 software
- PLC open function blocks for motion control

Consistent Performance

- Synchronized deterministic control of up to 62 servo axes
- Tuning-less mode requires no servo gain adjustments
- Vibration Suppression function eliminates machine resonances

Remote Visibility and Access

- Reusable modular code with IEC 61131-3 software
- PLC open function blocks for motion control

- 1GHz, 64-bit processor
- 0.5 ms update rate for 8 axes
- 1.0 ms update rate for 16 axes
- 2.0 ms update rate for 32 axes

MECHATROLINK-III

- Ethernet based, deterministic motion network (100 Mbps)

Ethernet/IP
Modbus TCP
OPC Server
Diagnostic Web Server

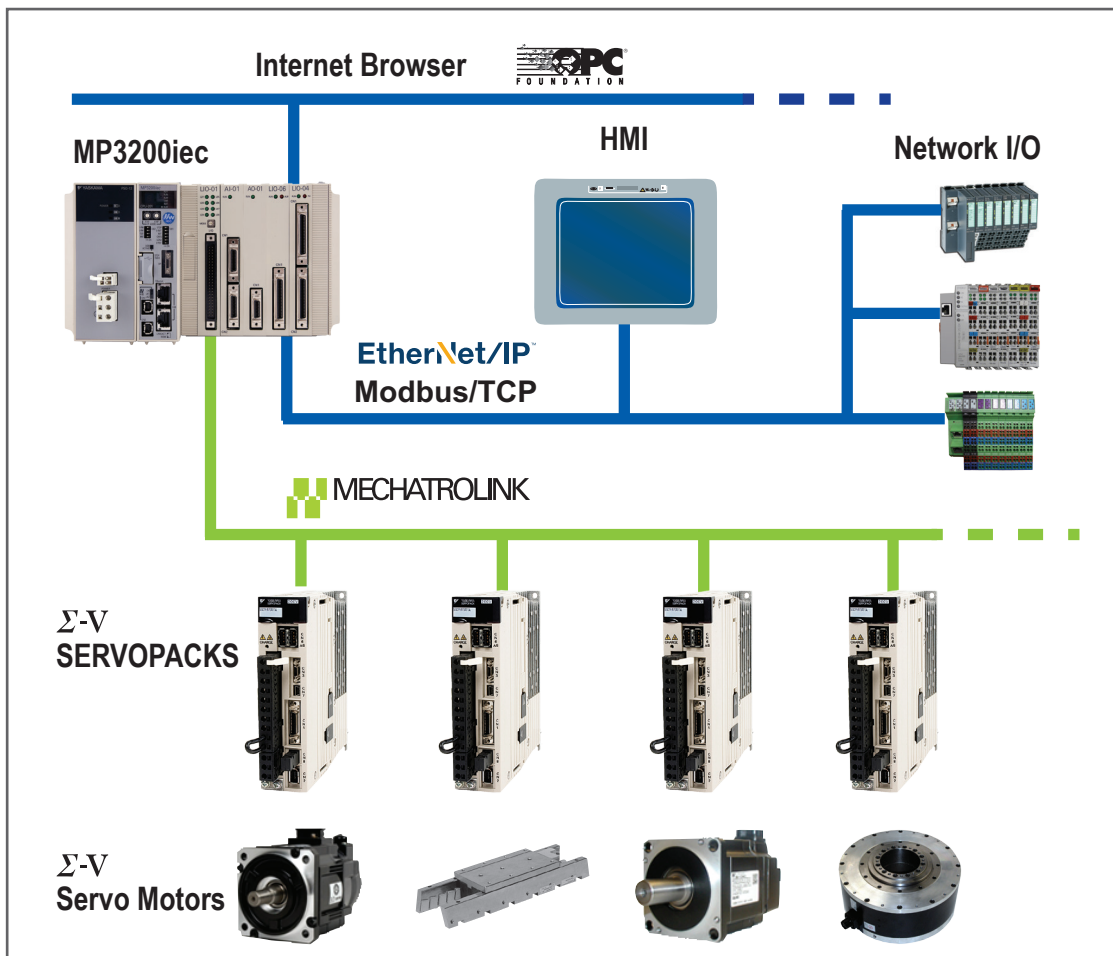


MotionWorks IEC

- IEC 61131-3 software
- Reusable code
- Application specific function blocks

Σ -V Servo Technology

- Tuningless Mode
- Vibration Suppression
- Rotary, Linear, Direct Drive Solutions

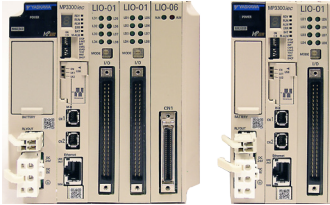


MPiec Family of Controllers



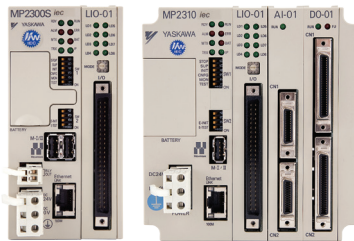
MP3200iec Controller

Perfect for machines with extreme performance requirements and high axis counts (17-62 servo axes)



MP3300iec Controller

Perfect for machines with high performance requirements (2-20 servo axes)



MP2300iec Controllers

Ideal for machines with typical automation requirements (2-16 servo axes)



Option for Σ -V series servo amplifiers

MP2600iec Single-Axis Controller

Designed for flexible machine types with distributed automation



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Common Software Platform

- IEC61131-3 development environment
- PLCopen function blocks for motion control
- Application specific toolboxes
- Multiple programming languages can be used interchangeably
 - Ladder
 - Function Block
 - Structured Text
 - Sequential Function Chart
 - Instruction List
- Shared Libraries
- Reusable Code

