

Yaskawa Releases 62 axis Machine Controller with IEC61131-3 Functionality

New Controller Increases Capabilities of the MPiec Family of Machine Controllers

Waukegan, Ill. The Drives & Motion Division of Yaskawa America announces the release of the MP3200iec machine controller. The addition of the MP3200iec to the MPiec family of machine controllers allows Yaskawa to provide full scalability from single-axis applications up to as many as 62 axes of control within the MotionWorks® IEC programming platform

Among the most powerful features of the MP3200iec is its speed and flexibility. The engine of the MP3200iec machine controller, a 1 GHz, 64-bit processor, allows for update rates as low as 0.25ms. This makes it perfect for machines with extreme performance requirements and high axis counts. Dual Ethernet ports supporting Ethernet/IP and Modbus/TCP facilitate interoperability with a wide range of ancillary automation products. An integrated web server simplifies maintenance of your machine and allows access from anywhere in the world.

The MECHATROLINK-III deterministic motion network provides consistency to your machine's performance with its built-in data retry feature which significantly boosts system noise immunity.

MotionWorks® IEC, Yaskawa's IEC 61131-3 programming platform, assures that programs can be developed and executed with predictable behavior. It encourages the programmer to take advantage of the best of several programming languages. Ladder logic, function block, structured text, sequential function chart, and instruction list programming can be used interchangeably. Yaskawa engineers have used the PLCopen function blocks to develop application specific toolboxes, libraries of reusable code that can be imported for specific functions, such as camming and Pack ML implementation, to further simplify complex programming.

About Yaskawa

The Drives & Motion Division of Yaskawa America, Inc. manufactures industrial automation equipment. Its products include industrial AC drives; commercial HVAC drives; spindle drives and motors; servo systems and machine controllers; and low-voltage industrial control switches. The company's products are used in automotive, building automation, chemical and petrochemical, food and beverage, machine tool, material handling, metal forming, packaging, pharmaceutical, solar, plastics and rubber, and textile applications. Yaskawa America's Motoman Robotics Division makes industrial robots that can weld, assemble, cut and handle goods for manufacturers.

Yaskawa America, Inc. employs more than 1,000 people at its manufacturing facilities in Illinois, Ohio, and Wisconsin and in offices across the United States. For more information on the MP3200iec, please visit our website at www.yaskawa.com.

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