

Yaskawa Releases the Junma AC Servo

A New Servo Concept

Waukegan, Ill. The Drives & Motion Division of Yaskawa America, Inc. is pleased to introduce the Junma AC Servo, a new servo technology providing a superior alternative to traditional stepper technology at a comparable price. This totally new plug and play design concept requires no parameter settings or gain adjustments. Simply connect and go!

Attain optimum servo performance without time consuming setup. Junma accepts a pulse reference input from the host controller or PLC. After connection, simply select the reference pulse switch setting on your amplifier to match the reference output on your controller. Connect the power and feedback cables and the motor is ready to run, providing high torque output at speeds up to 4500 RPM.

System parameters are set on system power up, machine load inertia is calculated automatically, and tuning gains are adjusted dynamically, even when the load changes, allowing your system to adjust to changing conditions.

Advanced control functionality is also available with Junma. Adaptive tuning and vibration suppression functions simplify machine commissioning while maintaining steady high-precision positioning and optimum efficiency. Other functions include jogging, homing to marker pulse, electronic gearing, and torque limiting.

Junma features four available servo motor and amplifier sets with rated outputs ranging from 100W to 750W capable of both 100V and 200 V input voltages. Servo motor feedback is provided with a 16-bit incremental encoder, providing a resolution of 65,536 pulses per revolution. Additionally, Junma conforms to UL and CE industry standards and complies with the directive for Restriction of Hazardous Substances (RoHS).

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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 amplifier systems and motion 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 Waukegan, Ill. and in offices across the United States. For more information on the A1000 variable speed drive, please visit our website at www.yaskawa.com.

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