

400 Volt Users Now Gain Sigma-7 Performance

Yaskawa's newest servo systems bring the industry's best precision and productivity to both voltage standards

Waukegan, Ill. The Drives & Motion Division of Yaskawa America, Inc. announces the addition of a complete line of 400 Volt servo motors and amplifiers to its flagship series of Sigma-7 servo systems, extending the performance advantages of Sigma-7 products to all types of industrial users.

The new 400 Volt offering includes a completely new amplifier design that offers unique advantages to machine builders and end users seeking to upgrade a 400 Volt motion control system. The amplifier has a new book-style form factor built around a single standard height and two standard widths. This makes control cabinet design and configuration easier and more predictable. Installation ease is also enhanced by the presence of wiring connections on the top and bottom of the amplifiers, allowing the routing of wiring above and below the amplifier and eliminating the need for terminal board breakouts.



The new 400 Volt line retains the full set of performance advantages shared by all Sigma-7 products:

- **3.1 kHz frequency response**, which sets a new industry standard for bandwidth and servo performance
- **24-bit encoder feedback** for unequalled resolution and precision positioning
- **New tuning functions** that combat vibration, resonances, friction and ripple effects
- **Motor compatibility** with comparably sized past Yaskawa products, for easy upgrading

The aim of the new product is to bring the motion control industry's highest performance to the greatest number of users worldwide. "For our customers, every extra measure of improvement brings a big boost in productivity," said Scott Carlberg, product manager for the company's servo system line. "Our 200 Volt Sigma-7 products are already making a significant difference to customers' bottom lines, and our customers who standardize on 400 Volts have been eager to put the same productivity

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advantages to use." The initial launch will include servo motors and SERVOPACK amplifiers to 15kW scheduled for release in 2018.

For information on the new 400 Volt series and Yaskawa's other Sigma-7 servo products, visit the [Sigma-7 page](#) on yaskawa.com, or contact a [local Yaskawa representative](#).

About Yaskawa

The Drives & Motion Division of Yaskawa America, Inc. manufactures industrial automation equipment. In addition to servo systems and motion controllers, the company's products include industrial AC drives, commercial HVAC drives, spindle drives and motors, and low-voltage industrial control switches.

Yaskawa products are used in a wide range of industries, including 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 headquarters in Waukegan, IL, its manufacturing facilities in Buffalo Grove, IL and Oak Creek, WI, and in offices across the United States. For more information about our products, please visit our website at www.yaskawa.com.