



News Release

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New Parker Stepper Drive Offers Affordable Alternative to High-End Systems

Rohnert Park, CA, October 24, 2008 – Parker's Electromechanical Automation Division, a leading supplier of motion control technology, announces the release of the new Compumotor-brand Open Frame Stepper (OFS) microstepping drives.

OFS drives are an economical alternative to more expensive, full-featured, packaged AC powered step drives. For less demanding, point-to-point applications, the OFS drives deliver all the performance required in a high-value, low-frills approach to motion control.

"Many high-end, multi-axis automated machines require only two or three highly coordinated, high-precision axes out of the group. There may be another 6, 8 or dozen axes that rarely move, except for setup and periodic alignment of various elements of the machine", says Marc Feyh, stepper drive product manager. "For these setup and alignment axes, a simple, easy-to-use and inexpensive stepper drive can hold position just as well as an expensive one that requires a commissioning process with installed software and programming just to get started. OEM's can save both time and money by applying the right level of step drive complexity to their machines, focusing valuable resources where they're really required – on the core high-precision axes."

Although incredibly easy to set up and use, the OFS step drives feature 3-state, PWM, MOSFET H-Bridge technology. Capable of delivering 3.5 amps peak current per phase, the smaller-than-average step drive is capable of driving from size 11 through size 34 step motors.

Parker complements the release of the OFS drives with a full line of high-value accessories, including the LV step motors and STP power supply. The LV line of low-voltage motors is optimized for high performance at lower DC bus voltages similar to those used with the OFS drives. The LV motors come in frame sizes 11, 17, 23 and 34 in both single and triple stacks. The STP-32PRK4 is a 40VDC, 4A power supply designed and optimized specifically for use with the OFS drives.

If you're looking to automate some axes on your next machine project, look no further than Parker's newly expanded buy site at www.buy.compumotor.com. There you'll find not only the exciting new OFS drives, LV step motors and STP power supplies detailed above, but also the PROmech mechanical slides and actuators you'll need to translate the rotary stepper motion into linear motion. You'll also find all the high-precision equipment you'll need to automate the critical processes at the core of your machine, including HMI, step and servo controllers, servo and step drives (even the expensive, packaged, full-featured, AC input type), gearboxes, motors

and mechanics. We've got it all. And it all works together. Visit www.buy.compumotor.com and see how Parker Compumotor's newest step drives can help Engineer Your Success.

About Parker Electromechanical Automation

A division of Parker Hannifin Corporation's Automation Group since 1987, Electromechanical Automation is a pioneer, developer and manufacturer of full-spectrum computer-based motion controllers, servo/step motor drives, servo motors and human-machine interfaces, positioning systems, gear heads and gear motors. These products automate the manufacturing of a significant fraction of the world's goods and services. Electromechanical Automation products are sold via independent authorized Automation Technology Centers -- a group of nearly 100 professional, highly trained organizations with more than 135 points-of-presence throughout the world—or buy directly from Electromechanical Automation by logging on to buy.compumotor.com. An informative and up-to-date Web site with downloadable libraries, tutorials, and background information on motion control and automation is located at: www.parkermotion.com.

About Parker Hannifin

With annual sales exceeding \$12 billion, Parker Hannifin is the world's leading diversified manufacturer of motion and control technologies and systems, providing precision-engineered solutions for a wide variety of mobile, industrial and aerospace markets. The company employs approximately 62,000 people in 48 countries around the world. Parker has increased its annual dividends paid to shareholders for 52 consecutive years, among the top five longest-running dividend-increase records in the S&P 500 index. For more information, visit the company's web site at <http://www.parker.com>, or its investor information site at <http://www.phstock.com>.

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