



PressRelease

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For Immediate Release

Galil Motion Control Releases New CDS-3310 Controller and Drive System for Single-Axis Applications

Compact, high performance package eliminates external wiring

Rocklin, CA—October 5, 2004—Galil Motion Control, the industry innovator in the design and production of motion controllers and amplifier boards, announces the availability of their new, low cost CDS-3310 single-axis controller and drive system designed to provide high performance and precise control of a single brush or brushless servo motor. It combines a programmable motion controller and 500-Watt drive in a single, compact package that eliminates the external wiring between the controller and drive.

“We built the CDS-3310 to include many of the advanced, high performance features found in Galil’s popular DMC-21x3 multi-axis controller and drives,” says Lisa Wade, VP-Marketing and Sales, Galil. “The big difference is that the CDS-3310 has been cost-reduced for single-axis applications.”

For example, the CDS-3310 includes PID compensation with notch filter and velocity/acceleration feedforward, non-volatile program memory with multitasking, uncommitted digital and analog I/O, and advanced modes of motion such as electronic gearing and teach-and-playback. It also accepts differential encoder inputs up to 12 MHz, and provides dual encoder inputs that enable it to easily accommodate electronic gearing or dual-loop applications.

Additionally, the CDS-3310 includes a high-performance PWM drive that operates up to 7 amps continuous, 72 Volts. Software commands provide diagnostics and programmable amplifier gains; and also allow the drive to be easily configured for brushless or brush motors. The PWM switching frequency is 60 kHz and the amplifier offers protection against over-voltage, under-voltage, over-current, and short-circuit scenarios. An on-board DC-to-DC converter allows for convenient voltage

input from a single 18V-72V DC supply.

Galil also designed the CDS-3310 to include a 10/100 Base-T Ethernet port and up to eight controllers that can be networked. This reduces communication overhead because the host computer needs only talk to the master CDS-3310 in the network, which, in turn, communicates with the other controllers in the network.

Packaged in a compact 5.15" x 8.25" metal enclosure, the CDS-3310 controller and drive unit is priced at just \$495 in 100-unit quantity, making it very cost-effective for high-volume OEMs.

Complete specifications and pricing for this product can be viewed at

<http://www.galilmc.com/products/econo/cds3310.html>, or discussed by calling Galil at 800-377-6329

More information about Galil's CDS-3310 single-axis controller and drive system, or any of its motion controllers and amplifier boards, can also be found by contacting Lisa Wade, VP-Marketing and Sales, at Galil Motion Control, Inc., 3750 Atherton Road, Rocklin, CA 95765, 800-377-6329, lisaw@galilmc.com, Ph. 916-626-0101, Fax 916-626-0102, or by visiting www.galilmc.com.

About Galil Motion Control, Inc.

Privately held and profitable for over 80 consecutive quarters, Galil Motion Control, Inc. was founded in 1983 by Jacob Tal and Wayne Baron. Galil became the first company to produce a microprocessor-based servo motor controller without tachometer feedback. Since then, Galil has continued to advance motion control technology and has found industry-leading acceptance with over 350,000 controllers successfully installed worldwide. Various applications include machines for the medical, semiconductor, machine tool, food processing, and textile industries. Recently, Galil has introduced several motion controllers for the Ethernet, as well as a variety of servo amplifier boards.



Galil's new CDS-3310 controller and drive system for single-axis applications.