

Press Release

Elmo Launches the Hawk: The only ready to use Servo Drive up to 5KW of continuous Qualitative power for Military and Extended Environmental Conditions

The unique servo drive that exhibits high power density and intelligence in an ultra compact package, delivering up to 70Amps peak.

Tel Aviv, Israel, May 1, 2008- Elmo Motion Control announced today a new addition to its ExtriQ (**Extended Environmental Conditions**) products line. The Hawk is a new miniature servo drive that delivers up to 5kW of continuous power. The Hawk is one step further in Elmo's leadership to incorporate highly efficient and super compact power density products. The Hawk is designed, verified and qualified to operate in extreme environmental conditions such as

- Operating Ambient Temperature Range: -40°C to +71°C (-40°F to 160°F)
- Operating Mechanical Vibrations: 20 Hz -2000 Hz, 14.6 g
- Operating Altitude: -400m to 150,000m (-1,000 to 510,000 ft)
- Operating Mechanical Shock: ±20 g

Highlights of the Hawk include:

- Ready to use
- Ultra high qualitative power density
- PCB mounted
- Compliance with Military Standards
- Delivers up to 45 Amps of continuous current, and 70 Amps of peak current.
- Supports wide variety of feedbacks.
- Vector Control sinusoidal commutation
- Advanced Filtering and Velocity Gain Scheduling for enhanced dynamic performance
- Operates with a single DC bus of 11VDC -195VDC (three voltage ranges) with built-in smart control to supply "back-up" capabilities



About The Hawk Servo Drive

Elmo Motion Control's Hawk is a "PCB Mounting" servo drive solution providing top servo performance, networking and intelligent capabilities with high level programming environment. The Hawk weighs a mere 165grams, offering an extremely attractive miniature space saving answer. Unique to the market, the combination of the PCB mounting, high power capabilities and programming flexibility with the ability to provide a wide variety of feedbacks and CANOpen networking, makes it a highly effective solution

SimpliQ Core Motion Control Technology

The **Hawk** is based on Elmo's core motion control technology and benefits from advanced programming capabilities, rich set of feedbacks, versatile power capabilities and communication support. The Hawk is capable of operating in position, velocity and current modes and contains a wide range of feedback and I/O options. By using Elmo's software, users can easily perform drive setup, configuration, tuning, analysis and programming.

About Elmo

Elmo Motion Control is an innovative provider of feature rich motion control solutions for machine manufacturers. The company's product offering includes network-based motion controllers, intelligent digital servo drives and highly efficient servo amplifiers for both brush and brushless motors. For more information about the Hawk servo drive, contact Elmo at marketing@elmomc.com or visit www.elmomc.com.