

Press Release

Elmo Launches the Bassoon with Absolute Encoder **The smallest power packed Servo Drive Controller delivering up to 1.9KW of continuous power (3.8KW peak) for AC, DC & Linear Motors**

The power packed, smart servo drive controller that exhibits high power density and increased precision in a compact package, supporting up to 6Amps of continuous current

Tel Aviv, Israel, July 1, 2008- Elmo Motion Control announced today an improved addition to its SimplIQ products line. The Bassoon with Absolute Encoder is a servo drives that delivers up to 1.9KW of continuous power. The Bassoon is one step further in Elmo's leadership to incorporate highly efficient and super compact power density products.

Highlights of the Bassoon include:

- The Smallest AC input servo drive
- Ultra high qualitative power density
- Delivers up to 1.9KW of continuous power, and 3.8KW of peak power
- Drive/controller combination
- Provides a wide variety of feedback options
- Capable of operating in position, velocity and current modes
- Easy to set-up via CANopen protocol DS-301 & DSP-402
- Dimensions: 105x44x76mm (4.13" x 1.73" x 3.00")
- integrated power supplies with shunt regulator
- **SimplIQ** core motion control technology



Although extremely compact, the Bassoon series drives forfeit nothing in functionality, offering all the dynamics, precision and functionality of much larger servo drives with a specification that integrates position loop, and both digital current and digital velocity loops, all with auto tuning adjustment. The Bassoon measures just 105mm x 44mm x 76mm, and is a smart digital servo drive that gives OEM's the flexibility of operating with DC brushed, AC brushless and linear motors. Fully programmable and extremely flexible, the Bassoon is available as a fully digital position, velocity or current mode amplifier, as a network drive in distributed motion systems using the CANOpen interface, or as a standalone motion controller for single axis servo control. The bassoon is suitable for applications like robotics, machine tools, packaging, semiconductor production, materials handling, sorting, printing, textiles and many more.

SimplIQ Core Motion Control Technology

The **Bassoon** 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 Bassoon 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 Bassoon servo drive, contact Elmo at marketing@elmomc.com or visit www.elmomc.com.