



**FOR IMMEDIATE RELEASE**



**News Release**

March 2008

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## **EMMS-ST Stepper Motors/ CMMS-ST Stepper Controller Servo Performance... Stepper Price**

The CMMS-ST single-axis position controller combined with the EMMS-ST stepper motor offers an easy to use, comprehensive and cost effective package for single and multiple-axis handling with loads of up to 20 kg.

### **Stepper Motor EMMS-ST**

New stepper motor series offers long service life and reliable performance. The two phase hybrid stepper motor offers high torque with options for an integrated brake and incremental encoder feedback.

**Festo Corporation**

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**Features and Benefits:**

- Holding torque from 0.5 Nm to 9.3 Nm
- External gearbox options: 3:1 and 5:1
- Optional integrated encoder/holding brake

**Stepper controller CMMS-ST**

The CMMS-ST controller differentiates itself from conventional controllers by eliminating resonance, heating, and loss of step - performance issues inherent in stepper motor systems. In closed loop mode it provides true servo performance and not simply end-position correction.

**Features and Benefits:**

- Compact position controller with integrated power stage
- Configurable as both open loop and closed loop
- Integrated braking resistor and mains filter
- SD/MMC memory card for storing and loading parameter settings
- 63 configurable positions, 8 positioning profiles with sequencing capability and positioning profile overlapping
- Position, velocity and torque control
- Network interfaces for Profibus and DeviceNet (optional modules)
- Integrated CANopen interface
- Easy to use configuration software (Festo configuration Tool)

For more details, please visit: <http://www.festo.com/us/cmms>  
<http://www.festo.com/us/emms>

**Festo** is a leading global manufacturer of pneumatic and electromechanical systems, components and controls for industrial automation, with 56 national headquarters serving more than 180 countries. For more than 80 years, Festo has continuously elevated the state of manufacturing with innovations and optimized motion control solutions that deliver higher performing, more profitable automated manufacturing and processing equipment. Our dedication to the advancement of automation extends beyond technology to the education of current and future automation and robotics designers with simulation tools, teaching programs, and on-site services.

Please contact Cheryl Sabatelli at Festo Corporation for high-resolution photos for publication.

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