

SPS/IPC/DRIVES 2003

**Servo Drive Systems
and Components**

New Stand for ESR Pollmeier

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Due to a re-organization of the exhibition halls, the stand of ESR Pollmeier will be located in hall 9 from this year on. The specialist for servo drive technology will show the multi-axis servo system for any type of servo motors, the new motor series MR 46 and many other interesting novelties.

Highlight on the new stand 9-218 in hall 9 is the multi-axis servo system for any type of servo motors. Last year, ESR presented this system for the first time. Meanwhile, the range of supported types of position sensors has been extended so that motors with resolvers, incremental encoders (square-wave or sine-cosine signals) and absolute encoders (EnDat; Hiperface in preparation) can now be operated by the servo system. The servo system has already proved successful in practical operation many times, especially in handling and assembly systems or pick and place applications. On the exhibition stand, various demos show the dynamic and highly accurate motion control possibilities of the modular system.

The forward-looking market for small motors with high performance has always been a key market of ESR Pollmeier.

With the new series MR 46, AC servo motors providing peak torques of up to 20 Nm and more at a flange dimension of just 92 mm, are available. The servo motors can be delivered for a nominal speed of 3,000 or 6,000 r.p.m., corresponding digital and analog servo amplifiers for direct mains connection to 230 V or 3 x 400/480 V are also available. With that, ESR provides servo drives with torques between 0.1 and 50 Nm for a wide range of demanding drive tasks.

Further information is available on the stand of ESR Pollmeier or in the internet at www.esr-pollmeier.de.

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ESR Pollmeier GmbH

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