

**Black Forest significant innovator Föhrenbach shows at industry trade fair
intec 2007 in Leipzig cross section of full product spectrum**

- *Introduction of the innovative, powerfull products of the three divisions mechanical components, guide slide and positioning systems as well as control systems at booth 1-I23*
- *Motorized precision slides, rotary tables and compact control units available as individual components or in combination as integrated systems for high-precision applications*

Löffingen-Unadingen, February 23, 2007 – The company Föhrenbach GmbH, one of the leading developers and producers in the automation and handling technology for the precision machinery industry shows during the industry trade fair intec 2007 in Leipzig a selection of its product portfolio. From **March 14 – 17 at booth 1-I23 in Hall 1**, visitors are able to convince themselves at of the systems solutions and components for all sophisticated automation tasks. Three of the presented products are the compact, linear profiled guide slides with ball screw spindle drive of the product family **PFS**, the high-precision **rotary tables** of the type series **RT2A/RT3A** and the highly integrated power units of the control unit series **unipos**.

The rotary tables with integrated direct drive (**RT3A**) feature optimized driving torque rate, highest precision and high rigidity. With its high acceleration, r.p.m, dynamic and zero backlash the product is predestinated for the utilization in the precision machinery industry and other sophisticated applications. The rotary tables with worm drive - **RT2A** – feature a high true running and axial run-out accuracy and are equipped with a large fitting hole. The rotary table is completely sealed and maintenance-free. Both versions are completely wired as “plug-and-run” units.



Föhrenbach's linear components **PFS** (precision slide with ball spindle drive and bellows cover) and **KBS** (ball bearings with plate covering and spindle drive) convince through its high precision and compact construction, realized by the best integration of all components.

The **unipos** control units dispose of a large number of outstanding features and application possibilities. While the **C110** bases as a point to point control unit on a most modern embedded-system-technology, the **C220** series is a pure continuous path controller with a highly powerful IPC-Technology. For fast implementation the units feature standardized communication options such as an USB and Ethernet interface, CAN 2.0b, CANopen (DS402, 301) or EtherCAT ports. Both models are equipped with adaptive Touch-Displays for easy handling. The control units include internal connection options for 5 respectively 9 axis, step or servo motors extensible for external axis via CANopen or EtherCAT (only with model C220) and have internal digital I/O's (opto-isolated) that can be extended also via CANopen. The **unipos** series executes all incremental and absolute position measuring systems via its large number of feedback options (resolver, EnDAT, single and multiturn, Hyperface). With build-in safety functions such as emergency stop (abort), protection against overheating the control unit is an all-inclusive device without the need of a large number of additional external function components.

Additional information on the products or the company Föhrenbach GmbH at www.foehrenbach.com.



PRESSEMITTEILUNG



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The Föhrenbach Group is developer and producer of high-precision components, units and systems for linear and rotary movements of the automation technology and precision machinery industry. Products of Föhrenbach are solutions for guided slide, drive, movement, control and positioning requirements. Additionally Föhrenbach offers products to complete the portfolio for customized complete solutions up to special machines. Founded in 1975 the company is today one of the leading suppliers and serves with about 100 employees well-known customers of the general machinery industry but also of specific branches such as laser technology, grinding, measuring- and checking, palletising/packaging machine industry, CNC machines or medical technology. Additional production plants in Switzerland (Weinfelden) and Ireland (Sligo), all state-of-the-art production facilities with a large manufacturing range for highest quality standards, ensure short delivery times and just-in-time service for the international customer base.

