

Positioning with system: Föhrenbach shows at Automatica 2008 comprehensive portfolio of mechanical and motorized drive components and positioning systems

- *Highly precized products for many guiding and positioning applications*
- *Precision and dynamic from one source: Scope includes standardized and easy to implement products, customized complete solutions and spezial machines*

Löffingen-Unadingen, June 9th, 2008 – The company Föhrenbach GmbH, innovative developer and producer in the automation and handling technology for the precision machinery industry, uses the international trade fair **Automatica 2008** to introduce the comprehensive product portfolio for a large variaty of guiding and positioning tasks. From **June 10 – 13** visitors and prospects will see at **booth no. 221 in hall A2** the exceptional bandwidth of the application possibilities of the motorized precision slides **KBS / KCS**, the compact precision guide slides **PCL** and **PFL** with integrated linear motor and measuring system and the products **PFS** (precision slide with ball spindle drive and bellows cover). On top of that Föhrenbach will present the precision rotary tables **RT2A** (with worm drive) and **RT3A** (direct driven), the dovetail slides **SVAN**, **roller bearing slides**, **cross slides or control units** of the unipos series C110, 420W and 820.

“We offer for our customers reliable solutions for almost every guided slide, drive, movement, control and positioning requirements - with components that are perfectly coordinated. Only that is the base to achieve an ideal working complete system, a positioning with system. Therefore our product spectrum includes mechanical and motorized components such as the rotary tables or linear guide slides, positioning slides, handling modules or dividing apparatuses.



But we go with our philosophy 'everything from one source' one step further and offer our customers on top of that the control technology such as hard- and software. That includes for example our control unit unipos C110 which had won the innovation award "Innovationspreis 2007 Industrie (Bereich Antriebstechnik) der Initiative Mittelstand". Therefore we deliver complete drive solutions, easy to implement and very reliable throughout a long working period", says Manfred Föhrenbach, Founder and Managing Director of Föhrenbach GmbH. "And in order to keep such a high level of innovation every tenth employee within the Föhrenbach group is involved in the product development process. Our market-oriented product development as well as our long-years experience are the base for our innovative and high quality standard that we realize every day for our customers", continues Manfred Föhrenbach.

The mechanical and motorized components and systems as well as the drive solutions are on duty as either individual products or customized complete solutions in almost all industries such as the assembly or laser technology, grinding, measuring and checking, assorting, palletising, packaging, CNC-units or the medical industry.

The motorized precision slides **KBS/KCS** with ball bearings complete the Föhrenbach programm of ball bearing slides. The "V"-shape of the shaft support is the result of purposeful internal development work at Föhrenbach. The most important advantage comes from having the greatest possible distance between the shafts and above all in the lay-out of the four ball-bearing housings whose loadbearing rows of balls are located underneath the shaft. That allows even with the very compact product size a very high torque and tensile-loaded capacity", says Manfred Föhrenbach. The motorized precision slides with ball bearings are available in two versions with bellows cover (**KBS**) or with sheet metal cover (**KCS**).



The rotary tables with integrated direct drive (**RT3A**) features 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 such as the laser technology and other sophisticated applications. The rotary table type RT3A 150x100 mm, recently received an award of the "Initiative Mittelstand" in the category mechanical industry 2008. The rotary tables with worm drive - **RT2A** – features 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.

By the utilization of the linear drive in combination with the sophisticated design the **profiled guide slide PFL / PCL** becomes a drive component that allows an optimized machine design because component parts such as gearboxes, pinions, racks or spindels are not needed. Furthermore the linear drive features excellent synchronisation characteristics. These can be reached also at low speeds in connection with a highly soluble measuring system. Also under adverse or difficult operating conditions the direct driven **profiled guide slide PFL / PCL** operates due to the complete integration into the machine as long-lasting and reliable component.

Further information of the products or the company Föhrenbach GmbH at booth no. 221 in hall A2 during the Automatica 2008 trade fair in Munich (Germany), June 10 – 13, or 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, assembly, CNC machines, medical technology or watch industry. 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, assure short delivery times and just-in-time service for the international customer base.

