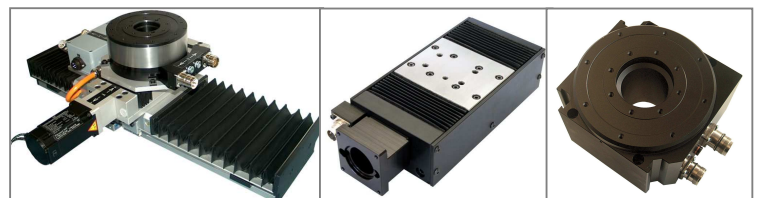


Powerful and highly precise: Föhrenbach's direct driven rotary table RT3A 150x100 a unit, predestinated for all laser applications

- *The rotary table RT3A 150 x 100 combines highest accuracy with ideal driving torque rate in a very robust package*
- *The large fitting hole and vertical and horizontal installation possibility for flexible utilization*

Löffingen-Unadingen, June 12, 2007 – The company Föhrenbach GmbH, one of the important developers and producers in the automation and handling technology for the precision machinery industry, introduces at the trade show **LASER 2007** in **Munich** the power and flexible application possibilities of the rotary table **RT3A 150 x 100**. The long-time field-tested and market-proved mechanical component features very high rigidity, highest precision and an ideal driving torque rate. Basis for the long-lasting rotary table is the robust construction with the black anodized special cast aluminium housing and the rotary disk made of steel. Because of its technical specification the rotary table is specially predestinated for laser applications but also for all high-precised handling or processing applications.

The direct driven rotary table **RT3A 150 x 100** runs on a prestressed roller bearing and features an axial run-out accuracy of 2,5 µ and a repeat accuracy of 2". With a max. r.p.m. of 1100 1/min (optional with 2400 1/min) and a positioning accuracy of 6" the **RT3A** is a very powerful and at the same time highly precised positioning component. The specifications of the torque motor are the basis for the powerful unit: With a maximum torque (1s) of 12 Nm (nominal torque 4 Nm) the 3-phases synchronous motor has been constructed for high r.p.m. and drive power.



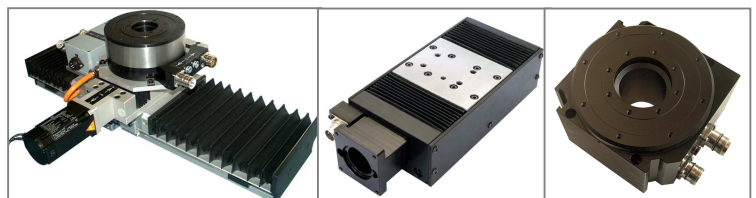
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The rotary table of the product family **RT3A** is completely sealed (protection class IP 54) with air sealing. Therefore it can be offered as maintenance-free and completely wired “Plug-and-Run” – unit. As versions with the diameter of 100, 150, 200 or 300 mm and a torque up to 750 Nm the rotary tables are standardized equipped with an optical measuring system and a large fitting hole.

„With our rotary table **RT3A 150 x 100** we offer to the machine builders a component, that is characterized by its exceptional high true running and axial run-out accuracy and in standard versions can cover a lot of customer requirements. The exceptional large fitting hole of 50 mm with an outside diameter of 150 mm and the standardized drilling template are the basis for the customers flexibility when choosing the mounting, the installation and the chuck tool. On top of that we made the construction of the rotary table very robust. That results in the fact that the **RT3A** is a very long-lasting and at the same time solid unit with low friction and high rigidity”, says Manfred Föhrenbach, Founder and Managing Director of Föhrenbach GmbH. “Therefore the **RT3A** is applicable for all high-precision and sophisticated applications within laser machines. But also in other areas such as in the handling, assembly, processing or measuring technology the rotary table is already many times in use and field-proven. Our customers appreciate its user-friendly design that allows a fast implementation and configuration of the unit”, says Manfred Föhrenbach.

Further information on the products or on the company Föhrenbach GmbH at booth no. 101 in Hall B3 during the LASER 2007 in Munich (June 18 – 21) or at www.foehrenbach.com.



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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.

