



## Engineering Excellence WITTENSTEIN at the MOTEK 2012

**MOTEK: WITTENSTEIN AG – hall 9, stand 9121**

The WITTENSTEIN group is presenting itself at the MOTEK 2012 in Stuttgart from October 8<sup>th</sup> to 11<sup>th</sup>, 2012 in hall 9, stand 9121 along with their subsidiaries WITTENSTEIN alpha, WITTENSTEIN cyber motor and WITTENSTEIN motion control. This year's focus will be on their consulting and engineering competency in mechanical and mechatronical drive technology – across the entire product portfolio.

As the absolute specialist in mechanical drive solutions, WITTENSTEIN alpha offers their customers not only an extensive product portfolio, but also provides comprehensive consulting and engineering expertise. Visitors are given valuable insight into a wide range of services in and around low-backlash planetary gearheads, servo bevel gears and linear drive systems. Product and application knowhow as well as high-performance software tools such as cymex<sup>®</sup> drive train sizing, allow the calculation of complex cinematics, the execution of dynamic and multi-body simulations or the generation of FEM analyses.

With these powerpacks, WITTENSTEIN alpha can provide valuable support for their clients – not only in the development of drive trains but also for optimization requirements during startups or ongoing operation. The solutions are focused on what is technically possible and what is actually feasible. The knowledge gained is then consequently incorporated into the advancement and enhancement of their product portfolio.

### **WITTENSTEIN bastian GmbH and Urban Production**

Innovative WITTENSTEIN gearing solutions evolve not far from the Stuttgart MOTEK fair site in neighboring Fellbach. WITTENSTEIN invested twelve million Euros in a brand new low-noise and low-emission production site with the intention of establishing the facility and thriving in an urban environment. The result is an innovative turn-key concept of process optimization, building and energy supply that customers can benefit from as well: a permanently climate controlled indoor environment warrants technical precision and stable processes. This ensures that the new WITTENSTEIN subsidiary in Fellbach produces innovative gearing solutions that guarantee high product quality combined with optimized delivery

5. September 2012

High-tech products made by WITTENSTEIN fly into space and win Formula One races. Intelligent drive systems – from the world's smallest high-performance servo drive to the latest state of the art in medical technology – are developed, produced and marketed by a team of around 1.500 employees. With a blend of dedication and enthusiasm, we set benchmarks – every day – worldwide.



The new production shops for Urban Production at WITTENSTEIN bastian provide optimized production conditions for the innovative WITTENSTEIN gearing competency.

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### **WITTENSTEIN AG**

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performance. WITTENSTEIN plans to fashion their new production site with a Shop Window Factory which will integrate individual *Industry 4.0* sample concepts. The “fourth step of industrial development” illustrates the ultimate fusion of state-of-the-art production and internet-like technologies. *Industry 4.0* allows an economical manufacture of extremely individual products through increased productivity and flexibility.

As an essential component of mechanical drive systems, the WITTENSTEIN bastian-made gearing technology is used in WITTENSTEIN alpha-made rack-and-pinion systems.

**Photo:**

- Innovative gearing solutions – made by WITTENSTEIN in an urban environment.

Texts and photographs in printable quality can be downloaded from <http://www.wittenstein.de/presse.html>

**WITTENSTEIN AG press conference at the MOTEK 2012**

**When?** Tuesday, October 9<sup>th</sup> 2012, 1:30 to 2 p.m.

**Where?** WITTENSTEIN AG; hall 9, stand 9121

**Subjects:** Urban Production at WITTENSTEIN bastian GmbH

**Speaker:** Michael Müller, General Manager of WITTENSTEIN bastian GmbH and Andreas Mei, Head of Sales Germany, WITTENSTEIN alpha GmbH

**WITTENSTEIN AG – being one with the future**

With around 1.500 employees worldwide and sales of €233 million in 2011/12, WITTENSTEIN AG enjoys an impeccable reputation for innovation, precision and excellence in the field of mechatronic drive technology – not just in Germany but internationally. The group comprises eight pacesetting Business Units with separate subsidiaries for servo gearheads, servo actuator systems, medical technology, miniature servo units, innovative gearing technology, rotary and linear actuator systems, nano-technology and electronic and software components for drive technologies. Through its 60 or so subsidiaries and agents in approximately 40 countries, WITTENSTEIN ([www.wittenstein.de](http://www.wittenstein.de)) is additionally represented in all the world's major technology and sales markets.

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