



July 17, 2013

WITTENSTEIN at EMO and Motek 2013:

"efficiency engineering" – the art of designing efficiency and designing efficiently

EMO: WITTENSTEIN AG – Hall 25, Stand F25

MOTEK: WITTENSTEIN AG – Hall 9, Stand 9121

When the WITTENSTEIN Group exhibits this fall at two flagship trade fairs – EMO (September 16 to 21, 2013 in Hanover) and Motek (October 7 to 10, 2013 in Stuttgart) – WITTENSTEIN alpha GmbH, the biggest subsidiary, will take advantage to unveil its new, sustainable corporate principle: "efficiency engineering". As an expert partner in the global marketplace, the company will show several novel products which meet the criteria for the new "efficiency engineering" principle.

Customers in the international markets seek expert partners offering not only a suitable technology portfolio but also global presence, responsiveness, support and services. The focus is not confined to innovative and powerful products; optimized machine concepts, control technology, software, tools and processes are equally in demand. WITTENSTEIN alpha has now bundled many of its distinctive attributes, already widely established in the market, in a strong corporate principle and a recognizable characteristic – "efficiency engineering". All effectiveness and efficiency aspects of WITTENSTEIN alpha products, systems and solutions which are based on efficient engineering services and efficient processes – both in production and in partnerships with customers – are now combined under the "efficiency engineering" umbrella. "efficiency engineering" by WITTENSTEIN alpha is our customers' guarantee that the company has placed this corporate principle and claim on a firm footing with a series of internal organizational and technological measures which are continuously optimized.

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 1700 employees. With a blend of dedication and enthusiasm, we set benchmarks – every day – worldwide.



"efficiency engineering" at WITTENSTEIN alpha: efficiency on all levels

WITTENSTEIN AG

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"efficiency engineering": efficiency on all levels

One good example of "efficiency engineering" is the redesigned rack installation technique at WITTENSTEIN alpha. Value oriented development in cooperation with customers has resulted in a modified attachment method which can halve the time required to fix racks to the machine bed.

New bevel gearhead family pushes up the industry standard

WITTENSTEIN alpha's new bevel gearheads likewise unite a whole set of "efficiency engineering" aspects. 20% more nominal torque, 30% better acceleration torques and nominal speeds plus even less torsional backlash are just a few of the performance highlights with which these right-angle gearheads exceed the current industry standard. The innovative design of the SC, SPC and TPC gearhead types is not simply space saving, pleasing to the eye and energy efficient; this trio also impresses with its quiet, synchronous running.

TP⁺ 2000 HIGH TORQUE rounds off the performance portfolio at the high end

The new TP⁺ 2000 HIGH TORQUE for acceleration torques up to 22,000 Nm rounds off WITTENSTEIN alpha's top-performing portfolio of low-backlash planetary gearheads. High power density coupled with very good precision and positioning accuracy adds up to optimal performance. Like TP⁺ 4000 HIGH TORQUE, TP⁺ 2000 HIGH TORQUE is also available in a right-angle version. They both reduce the overall length of the powertrain, so that the machine fits perfectly even when space is restricted and only a very small footprint is available.

Photo:

- Rounds off WITTENSTEIN alpha's performance portfolio at the high end: the new TPK⁺ 2000 HIGH TORQUE right-angle gearhead (right), shown here with the TP⁺ 4000 HIGH TORQUE low-backlash planetary gearhead. Both of them meet the criteria for the new "efficiency engineering" principle.

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WITTENSTEIN AG press chat at EMO 2013

When? Tuesday, September 17, 2013, from 3:30 to 4 p.m.

Where? WITTENSTEIN AG, Hall 25, Stand F25

Subject: WITTENSTEIN alpha GmbH: "efficiency engineering"

Speakers: Johannes Arnold, General Manager WITTENSTEIN alpha GmbH, and Axel Leidner, Head of Product Management, WITTENSTEIN alpha GmbH

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

WITTENSTEIN AG – being one with the future

With around 1700 employees worldwide and sales of €241* million in 2012/13 (*provisional figure), 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) is additionally represented in all the world's major technology and sales markets.

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