



WITTENSTEIN AG at the Hanover Fair 2009

Evolution of the SP⁺/TP⁺ gearhead series: models of perfection
An innovative company: 25 years of WITTENSTEIN alpha
Sustainable responsibility: Systems thinking and resource efficiency

WITTENSTEIN AG – Hall 14, Stand J04

"Technology – Male domain in transition" – this will be the motto of mechatronics specialist WITTENSTEIN AG at the forthcoming Hanover Fair. Amongst other things, the limelight will be on the Group's WITTENSTEIN alpha subsidiary, which recently subjected its SP⁺ and TP⁺ series of low-backlash gearheads to a technical and visual facelift to mark its 25th anniversary. Before the question is raised – customers can rest assured that all critical external and connecting dimensions will remain unchanged. The new gearhead models offer guaranteed 1:1 compatibility.

The leading drive manufacturer has succeeded in optimising the already mature concept of its alpha SP⁺ and TP⁺ gearheads even further. At the same time, they have been given a new, more modern design. After all, we want the technical perfection on the inside to be clearly visible on the outside.

When developing the latest enhancements to the SP⁺ and TP⁺ series, the engineers responsible were careful to consistently apply the principle of resource efficiency, a central topic that has long been a focus of WITTENSTEIN's holistic corporate philosophy. This is especially apparent in details, for example in the fact that the newest generation of the low-backlash planetary gearheads is now quieter than ever before. The permissible radial forces of the SP⁺ gearheads have likewise been improved. This not only makes them more robust, it also gives customers the option of purchasing a smaller, less expensive size.

What's more, the torques are significantly higher – up to 25%, depending on the version – thus raising the power density of what are in any case incredibly compact gearheads. Once again, users can profit from this to "downsize", in other words they can select a smaller gearhead without compromising its specification.

Press Release

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



SP⁺ upgrade

WITTENSTEIN AG

Walter-Wittenstein-Straße 1
97999 Igersheim · Germany

Contact: Sabine Maier
Manager Press Relations
Tel. +49 7931 493-10399
Fax +49 7931 493-10301
E-Mail: sabine.maier@wittenstein.de
www.wittenstein.de

The responsible use of resources and energy will be additionally underlined at the Hanover Fair by WITTENSTEIN's new trade fair presentation. Sustainable development – and with it the Group's clear commitment to accepting social responsibility – is one of the long-term values established at WITTENSTEIN AG.

Caption

Models of perfection: The newest generation of WITTENSTEIN alpha's SP⁺/TP⁺ planetary gearheads gives users more power for the same size.

Texts and photographs in printable quality can be downloaded from www.presse.wittenstein.de or www.press.wittenstein.de.

Invitation / advance notification

WITTENSTEIN AG press conference at the Hanover Fair

Date: Tuesday April 21, 2009 from 4 to 4.30 p.m.

Venue: Hall 14, Stand J04!

Topics: Dr. Anna-Katharina Wittenstein (General Manager WITTENSTEIN AG Switzerland)

- WITTENSTEIN AG in figures / "Technology – Male domain in transition"
- New resource-efficient drive solutions from WITTENSTEIN AG

WITTENSTEIN AG: Being one with the future

With around 1400 employees worldwide and sales of €164 million in 2007/2008, 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 seven pacesetting Business Units with separate subsidiaries: for servo gearheads, servo drive systems, medical technology, miniature servo units, innovative gearing technology, rotary and linear actuator systems as well as 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.

WITTENSTEIN motion control, WITTENSTEIN cyber motor and WITTENSTEIN electronics will exhibit alongside WITTENSTEIN alpha at the 2009 International Hanover Fair joint booth in Hall 14, Stand J04.

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WITTENSTEIN AG

Walter-Wittenstein-Straße 1
97999 Igersheim · Germany

Contact: Sabine Maier
Manager Press Relations
Tel. +49 7931 493-399
Fax +49 7931 493-301
E-Mail: s.maier@wittenstein.de
www.wittenstein.de

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