



## WITTENSTEIN at MOTEK 2015:

### Pioneers set new benchmarks

Treading new paths, discovering new worlds – this has been WITTENSTEIN's motivation to innovate continuously for more than thirty years now. The complete portfolio of motors, gearheads, drive systems and comprehensive mechatronic solutions profits from this proven strategy. From October 5 to 8, the WITTENSTEIN Group will show its newest milestones at Motek 2015 (Hall 8, Stand 8121) – uniting technical perfection and responsiveness to industry needs with ingenious integration concepts and intelligent maintenance.

When the first low-backlash SP planetary gearheads were manufactured by WITTENSTEIN alpha back in 1983, a new era dawned for decentralized drive technology. Since then, more than two million low-backlash planetary gearheads have come off the production line. The newest high speed version, the **SP\* HIGH SPEED** – which currently sets the benchmark in applications where maximum speeds are essential during continuous operation – will be on show at Motek.

In spring 2015, WITTENSTEIN took the leap from low-backlash to backlash-free with the **Galaxie Drive System** – another highlight among the exhibits at this year's Motek.

Two years previously in 2013, WITTENSTEIN alpha launched the world's first **Hygienic Design planetary gearhead** with EHEDG<sup>1</sup> certification, which caters for the needs of the food processing and packaging industry. This gearhead enables hygienic machine designs as well as safer processing, filling and packaging.

Converting rotational into linear movements is the challenge confronting the **cyber force motors** made by WITTENSTEIN cyber motor. These **linear actuators**, featuring a fully integrated threaded screw, set benchmarks with a novel feature; owing to their patented lubrication system, the ball screw can be regreased during operation without having to stop the machine for maintenance.

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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 1900 employees. With a blend of dedication and enthusiasm, we set benchmarks – every day – worldwide.



With the cyber force motors family of linear actuators from WITTENSTEIN cyber motor the ball screw can be regreased during operation – without having to stop the machine for maintenance.

#### WITTENSTEIN AG

Walter-Wittenstein-Straße 1  
97999 Igersheim · Germany

**Contact: Sabine Maier**  
Press Officer  
Tel. +49 7931 493-10399  
Fax +49 7931 493-10301  
E-Mail: [sabine.maier@wittenstein.de](mailto:sabine.maier@wittenstein.de)  
[www.wittenstein.de](http://www.wittenstein.de)

<sup>1</sup> EHEDG: European Hygienic Engineering & Design Group

**Photo:**

A highlight of the Motek exhibit: the cyber force motors family of linear actuators from WITTENSTEIN cyber motor. The ball screw can be regreased during operation – without having to stop the machine for maintenance.

Texts and photographs in printable quality can be downloaded from [presse.wittenstein.de](http://presse.wittenstein.de).

**WITTENSTEIN – AG one with the future**

With around 1900 employees worldwide and sales of approximately €276 million in 2014/15, 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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Walter-Wittenstein-Straße 1  
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**Contact: Sabine Maier**  
Press Officer  
Tel. +49 7931 493-10399  
Fax +49 7931 493-10301  
E-Mail: [sabine.maier@wittenstein.de](mailto:sabine.maier@wittenstein.de)  
[www.wittenstein.de](http://www.wittenstein.de)