



## Innovative, digital and finally live on site again

### WITTENSTEIN at sps 2021

WITTENSTEIN SE booth in Hall 4, Stand 4-221

From November 23 to 25, WITTENSTEIN SE will show industry-specific drive solutions for packaging technology, dosing systems, machine tools assembly technology, robotics, handling systems and intralogistics at sps 2021 in Nuremberg. Innovations in our core business of mechatronic drive technology and the future market for digitalized components and solutions will be presented there under the motto **STAY AHEAD**. New products such as “axenia value”, the enhanced stainless steel actuator in single-cable technology – which complements the Hygienic Design portfolio – and the high performance, frameless servo motors in the “cyber® kit line large” series will likewise form part of the exhibit.

#### axenia value: Stainless-steel actuators for hygienic applications

The single-cable servo actuators in WITTENSTEIN alpha's axenia value series combine precision with a hygienic design and maximum power density. The high performance motor and the planetary gearbox form a durable and resistant unit: they are accommodated in a stainless steel housing with IP69K protection – with a space-saving, coupling-free connection – and perfectly matched to ensure measurable, robust performance data of the best possible quality.

The complete system was designed strictly in compliance with EHEDG\* and is therefore predestined for use in sterile and wet areas. The axenia value provides exceptional process security and product safety in this kind of environment because the actuator can be assembled and operated as an open unit, that is without additional hoods or covers. This avoids the otherwise possible risks of hidden dirt pockets, corrosive spots or leaks.

\* The abbreviation EHEDG stands for *European Hygienic Engineering & Design Group*, which is a non-profit knowledge sharing community supporting European legislators and their aim of promoting hygiene during the production, processing and packaging of food products.

September 30, 2021

WITTENSTEIN SE develops customized products, systems and solutions for highly dynamic motion, maximum-precise positioning and smart networking for mechatronic drive technology.



New from WITTENSTEIN cyber motor: cyber® kit line large, the frameless servo motors now also in “large”

#### WITTENSTEIN SE

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Thanks to the UL approval for North America and the DFC certification which is necessary to meet labeling requirements in China, the Hygienic Design actuator is suitable for worldwide use.

### **cyber® kit line: Frameless servo motors now also in “large”**

No motor frame and no bearing, yet they set benchmarks in terms of power density and dynamics and come in a large number of configurable variants – these are the hallmarks of the frameless servo motors in the cyber® kit line. The already established cyber® kit line small is now complemented by the more powerful cyber® kit line large – a torque-optimized, backlash-free and integration-friendly motor design with best-in-class performance data. WITTENSTEIN cyber motor will take advantage of sps 2021 to disclose some preliminary information on these new servo motors, which will be available in four sizes from 290 mm to 530 mm as well as in various lengths from 50 mm to 200 mm and with four hollow shaft diameters from 220 mm to 420 mm.

Whereas the cyber® kit line large works with all standard servo drive makes, cyber® kit line small motors are additionally compatible with the compact servo drives in the cyber® simco® drive 2 family. They enable highly dynamic drive applications to be realized with higher output ratings.

### **Services: Gearboxes with cynapse open up new options**

Smart gearboxes with cynapse functionality – in other words, with integrated sensors and an IO-Link interface, backed up by comprehensive services under one roof – will likewise form part of the WITTENSTEIN exhibit at the Nuremberg trade show. Their interaction allows nonconformities in drive and process performance to be measured, recorded and evaluated in good time while the system is in operation. Among other things, continuous performance monitoring makes it possible to detect and avoid product, quality or process defects before they actually occur. With a gearbox design optimized for specific applications and customizable smart services all under one roof, WITTENSTEIN leads the way when it comes to digitalized drive technology for machine and plant construction.

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## Pictures (all WITTENSTEIN SE)



01

cyber® kit line large – frameless servo motors from WITTENSTEIN cyber motor in four sizes: 290, 360, 420 and 530 mm



02

“axenia value”, the enhanced stainless steel actuator in single-cable technology from WITTENSTEIN alpha, complements the Hygienic Design portfolio.

### Information / invitation for the trade press at sps 2021:

Trade press representatives are cordially invited to pay a visit to the WITTENSTEIN booth in Hall 4 (Stand 4-221). Experts from our various Strategic Business Divisions are looking forward to meeting you and to answering your questions throughout the three-day exhibition.

The Group’s Press Officer will probably be present all day on Wednesday, November 24, 2021.

A press kit with current content is available.

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

### WITTENSTEIN – one with the future

With around 2800 employees worldwide and sales of €373 million in 2020/21, WITTENSTEIN SE enjoys an impeccable reputation for innovation, precision and excellence in the field of cybertronic motion – not just in Germany but internationally. The Group possesses exceptional expertise for the mastery and further development of all technologies relevant to mechatronic drives and comprises six innovative Strategic Business Divisions. We develop, produce and sell products such as high-precision servo drives and linear systems, servo systems and motors as well as cybertronic drive systems for many areas of application including machine and plant construction, aerospace or oil and gas exploration.

Nanotechnology and software components round off the portfolio. With 25 sites in more than 45 countries, the WITTENSTEIN Group ([www.wittenstein.de](http://www.wittenstein.de)) is represented in all major technology and sales markets.

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