

Everything from a single source: AMKmotion showcases drive solutions up to 500 amps

Anything but off the shelf – at FABTECH (October 21-23 October 2026, Las Vegas) AMKmotion will demonstrate in booth S46059, Automation Pavillion (South Hall, Level 2), how even very individual customer requirements can be implemented in customized system solutions. Users get everything from a single source, enabling them to reduce their overall costs.

“We offer standard solutions too, of course – but in a lot of the projects we’re involved with, things get very demanding. We work closely with our customers to define the optimal architecture for every axis,” says Peter Giesche, Vice President International Sales at AMKmotion. Just how flexibly the manufacturer of electric drive systems is able to respond will be shown in Las Vegas.

At Booth S46059, Automation Pavillion (South Hall, Level 2), AMKmotion will demonstrate servo motors with high levels of power density and efficiency. They can be precisely adapted based on their winding and frame size, for example.

With a current range from 1 to 500 amps, AMKmotion covers the entire spectrum of drive solutions. Users always get the perfect solution – never oversized – and this has a positive impact on costs.

AMKmotion offers both central and decentralized drive solutions – and also combines both approaches to create hybrid systems. This increases energy efficiency and flexibility, simplifies cabling and creates space in the switch cabinet.

Focus on products

A prime example of application-specific flexibility is the SKT hollow shaft motors designed for high axial loads. Depending on the application, they are available with a blind hole for short strokes or with a through hollow shaft for unlimited stroke lengths. By optimally matching the screw and motor, force and speed can be perfectly aligned to the application requirements.

Trade fair highlights include new and refined solutions – among them the ihD, a decentralized servo inverter with single-cable wiring for daisy-chain connection: power, STO (Safe Torque Off), 24 volts and communication all run through a single cable, reducing wiring costs by up to 70 percent compared to centralized concepts. With the control electronics built into the motor, the ihD-DT5 is easier than ever to set up. In recognition of this concept, the servo inverter received two product awards from renowned industry magazines in 2025 and 2026.

In addition to this there is the KE/KW system: the compact power supply (KE) generates the DC bus voltage and powers the compact inverter (KW). The hybrid distributor (KHY) bundles signals and supply voltages from the central level and acts as an interface to the decentralized domain.

Components in practice

Visitors will be able to experience the solutions live at the booth. AMKmotion shows how the hybrid components mesh to create compact and flexible automation solutions – often without the need for a switch cabinet.

At FABTECH, AMKmotion demonstrates how decentralized drive technology accelerates and simplifies automation. Applications such as gripping, bending, cutting and welding demand maximum dynamics within minimal installation space. In order to make this happen, the inverter is mounted directly on or close to the motor. In combination with a decentralized power supply, an integrated motion controller, and a synchronous servo motor, this creates a compact mechatronic unit that reduces wiring and saves space in the switch cabinet – a key advantage when it comes to efficiency and flexibility.

AMKmotion at FABTECH: booth S46059, Automation Pavillion (South Hall, Level 2)

Service for editorial departments:

Meta-Title: AMKmotion will be showcasing drive solutions up to 500 amps at FABTECH 2026

Meta Description: At FABTECH 2026, AMKmotion will be presenting new drive solutions – from servo motors up to 500 A to cabinet-free concepts for factory automation.

Social media: Everything from a single source: at FABTECH 2026, AMKmotion will be showcasing drive solutions that deliver maximum flexibility, efficiency, and dynamic response – from servo motors up to 500 amps to compact multi-axis systems and cabinet-free concepts for factory automation. In the spotlight: the award-winning decentralized servo inverter ihD.

Captions



Image 1: With its innovative hybrid cabling concept and 300-degree rotatable plug for motor and encoder connections, AMKmotion’s new ihD servo inverter significantly simplifies installation.



Image 2: The ihD-DT5 combines the inverter and motor in a compact unit, further reducing wiring complexity.



Image 3: The KE/KW servo drive system – AMKmotion has now rounded out this product family at the top end.



Image 4: The SKT hollow shaft motors are designed for high axial loads. By optimally matching the screw and motor, force and speed can be perfectly aligned to the application requirements.

Image credits: AMKmotion GmbH + Co KG

About AMKmotion

AMKmotion specialises in the development and manufacture of electric drive systems and sees itself as a long-term partner in the field of industrial mechanical engineering and plant engineering. The company's aim is to help its customers achieve technological leadership by integrating individual and sustainable solutions.

The basis for this is AMKmotion's hands-on mentality, combined with expertise acquired in more than 60 years of company history. We attach particular importance to personal advice and trusting cooperation with customers.

The company was founded in 1963 as AMK Arnold Müller GmbH & Co. KG. It has belonged to the Arburg family since 2021 and has operated under the name AMKmotion GmbH + Co KG since then. The portfolio includes electric drive technology, control technology and industrial automation technology.

AMKmotion has a total workforce of 500 people. In addition to its headquarters in Kirchheim unter Teck, AMKmotion has production sites in Weida (Thuringia) and in Gabrovo, Bulgaria, as well as twelve branch offices around the world.

Contact

AMKmotion GmbH + Co KG

Anja Schaber

Marketing Manager

Gaußstraße 37-39

73230 Kirchheim unter Teck

Germany

www.amk-motion.com

anja.schaber@amk-motion.com

Phone +49 7021 5005 373

Mobile +49 152 5305 5372