

# More drive power on all levels.

maxon will show the latest in drive technology at the Hannover Messe.

**Drive specialist maxon motor will be presenting exciting new products at the world's largest technology trade show. Some new products being featured include: flat motors with improved performance, a new line of modular industrial drives, as well as DC motors and angular gearheads from Parvalux, the latest addition to the maxon group.**

Powerful drives, high power density and easy integration — these keywords best describe this year's presence at the world's largest technology trade show in Hanover from April 1<sup>st</sup> – 5<sup>th</sup>. maxon motor will present new solutions that will benefit customers all over the world.

Special attention should be paid to the new IDX line, a modular drive system for applications in industrial automation or logistics automation that consists of a motor and an integrated EPOS4 controller that can be used in a wide variety of applications. The IDX compact drives will be configurable online.

## **Solutions with no performance limits**

Parvalux will be making a special appearance at the maxon stand this year. The established UK company has been part of the maxon group since the beginning of the year and expands the product portfolio with DC and AC motors up to 1.5 kW as well as suitable angular gearheads. These are used for a wide variety of applications, from stair lifts to transport systems and industrial robots. maxon CEO Eugen Elmiger comments: "We will no longer have an upper performance limit in the future."

maxon has also boosted the performance of its popular brushless flat motors (with diameters of 60 and 90 millimeters): A new design has resulted in significant performance increases of up to 100 percent. Both the EC 60 flat and the EC 90 flat drives are now available as power-up versions, either with an open rotor or with an attached fan. As a result of optimal motor cooling, the EC 60 flat now delivers 200 W of power, while the EC 90 flat achieves 600 W.

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The flat motors are particularly suitable for applications where space is limited but high drive power is needed. Some logistics applications include, belt drives or autonomous vehicles.

In addition, maxon will present further innovations such as the ENX EASY XT encoder for use in harsh environments, or the tiny brushless ECX Speed with a diameter of 6 millimeters, which can be configured online like all of the other X drives. For more information please visit: [shop.maxonmotor.com](http://shop.maxonmotor.com)

maxon will have two booths at the 2019 Hannover Messe:

- Hall 15, booth D09 (Industrial Automation)
- Hall 3, booth N03 (Industrial Supply/maxon ceramic)

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driven by precision



IDX compact drive with integrated EPOS positioning controllers and IP-protected housing. ©maxon motor ag



The EC 90 flat drive, air-cooled, with an output of 600 W. ©maxon motor ag

### **The Swiss specialist for quality drives**

maxon motor is a developer and manufacturer of brushed and brushless DC motors, as well as gearheads, encoders, controllers, and entire mechatronic systems. maxon drives are used wherever the requirements are particularly high: in NASA's Mars rovers, in surgical power tools, in humanoid robots, and in precision industrial applications, for example. To maintain its leadership in this demanding market, the company invests a considerable share of its annual revenue in research and development. Worldwide, maxon employs some 2,600 workers at eight production sites and is represented by sales companies in more than 30 countries.