

Electric drives are taking over in passenger planes.

Now Available: the latest issue of maxon's driven magazine.

In passenger aircrafts, small electric motors are taking over many tasks that used to be performed mechanically or hydraulically. This is a rapidly growing trend. Welcome on board!

Air travel has become more and more common over the years with usage increasing annually. Prices are at a record low, and planes are becoming even more efficient – in part due to electric drive systems, which are replacing the old hydraulic systems. Several hundred drive systems are installed in every modern long-haul airliner these days. In the latest issue of our driven magazine, we show you where they are and how they work.

In this issue, we also ponder the question of how we will travel in the future. Read about five exciting trends in the aerospace industry providing some food for thought. Readers will also learn about the critical features of high-precision insulin pumps, and for those who would like to learn about sensorless control of brushless DC motors, we have a detailed technical report. These aren't the only surprises in this issue: After six years, driven is also getting a fresh, new look, check it out today!

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driven, the maxon motor magazine, is printed twice a year in three languages and is full of interesting stories, interviews, and news from the world of drive technology. The current issue is now available online and can be ordered in print, free of charge, visit: magazine.maxonmotor.com

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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 has more than 2,600 employees at eight production sites and is represented by sales companies in more than 30 countries.