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DRIVEN pays a visit to the robot on four legs

Wherever it goes, it is sure to attract attention. The red walking robot ANYmal, on the cover of the maxon magazine DRIVEN, represents the increasing number of inspection robots in use worldwide.

Climbing, crawling, walking, or flying: inspection robots can be found everywhere: in sewer systems, on wind turbines, or at the bottom of the ocean; and their numbers are expected to increase dramatically in the coming years. These robots do work that is either too monotonous or too dangerous for humans. One of the most well-known of their ranks is the red walking robot ANYmal developed by Zürich-based startup ANYbotics. The editorial staff for DRIVEN took a look behind the scenes and learned from the engineers how they taught their “baby” to walk.

For readers who prefer two wheels to four legs, we have included an interesting article on the new electric bike system BIKEDRIVE AIR. It makes it possible to design and produce lightweight electric sports bikes – for use in the mountains or on the road. They provide a natural cycling experience and represent an alternative to electric bikes, which are increasing in weight and power.

Which BLDC motor to choose?

The technical article in this issue gives engineers an overview of the various brushless DC motors made by maxon and their properties. Last, but not least, our readers get transported to Great Britain to visit the gear motor specialist, Parvalux. The long-established company joined the maxon Group in 2018. What has changed since then? What synergies can be used in future? We explore this and much more.

maxon's DRIVEN magazine brings you interesting stories, interviews, and news from the world of drive technology, and is published in three languages. The current edition is available online and can also be ordered in print, free of charge: magazine.maxongroup.com

For additional information, please contact us at info.us@maxongroup.com or 508-677-0520.



The cover of the current issue of DRIVEN. © maxon

The Swiss specialist for quality drives

maxon 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 3000 employees at nine production sites and is represented by sales companies in more than 30 countries.