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maxon introduces a multi-axis controller for highly dynamic positioning tasks

maxon is launching the next generation of Motion Controllers with its MiniMACS6-AMP-4/50/10. The controller is ideal for use in applications where PLC solutions may be too expensive or cannot meet customer-specific requirements.

maxon's new multi-axis controller, the MiniMACS6-AMP-4/50/10, offers precise and highly dynamic control of up to six brushed DC motors or four brushless DC motors (up to 540 W continuous output power and 1.6 kW peak output power). The controller is an economical and compact solution for system designers who develop autonomous robots or shuttle systems.

A significant advantage of the new multi-axis solution is that it is programmable with the comprehensive ApossIDE automation software and the license-free Motion Control Library (written in C). Integrated bus interfaces enable efficient data exchange with higher-level controllers; however, it is also possible to run complete process sequences autonomously, without a PLC or PC. The MiniMACS6-AMP-4/50/10 will be available in early 2021.

maxon's trade show experience goes virtual

This year, the COVID-19 pandemic has led to the cancellation of nearly all trade shows. Despite this, maxon is offering a digital trade show experience to all of its customers and anyone who's interested in learning about the latest in drive technology. Visitors to maxon's virtual booth will discover the benefits of our latest products such as the MiniMACS6 master controller, learn about high torque brushless DC motors as well as flat motors for robotics, and get to know the Mars rover. Visit virtualbooth.maxongroup.com and contact us to get your ideas moving.

If you prefer watching an entertaining video introducing all the latest products maxon brought to the market this year, you will find it here: <https://youtu.be/Jtw7Hwxbdr4>
Have fun watching!

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



MiniMACS6-AMP-4/50/10-IF1 (IF1: with EtherCAT slave option card) © maxon



A view of maxon's virtual booth © 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.