

August 30, 2019

## Press Release

### **maxon collaborate in a world first: mining on the moon.**

**maxon Group Australia are excited to announce their collaboration with innovative Australian space company, Space Industries, to develop new mining technologies on the moon.**

It's not every day you receive an inquiry to help build a rover that will mine the surface of the moon. When maxon was contacted by Space Industries CEO, Joshua Letcher, with this exact query, a remarkable collaboration was born.

Specialising in the development of lunar and space mining vehicles, subsystems and systems for space systems, in a world-first, Space Industries are designing and developing revolutionary technology: a rover to mine elements on the lunar surface. "Space Industries are leading the way in space mining by focusing on gas production to produce resources that will sustain life on the Moon and other planets, along with producing Helium-3 for use in Medical and Energy industries on Earth" said Letcher. Soon to be located at Australia's only dedicated Space Precinct at Perth Airport in WA, Space Industries have strategically positioned themselves amongst other leading global companies involved in civil engineering and research & development within the sector.

It was maxon's long-standing involvement working with agencies such as NASA, NASA's Jet Propulsion Laboratory and European Space Agency, amongst others, that prompted Joshua Letcher to call maxon. maxon DC motors, drives systems and sensor technologies have already been used to drive several Mars rovers and withstood the conditions there. The DC motors resist brutal temperature changes, dust, dirt and storms. They are also built to survive a dynamic entry, descent and landing sequence as well as the harsh daily conditions on the moon. maxon Managing Director, Brett Motum, said "we are thrilled to be a part of not only an Australian first, but a world-first, invention that is going to redefine the term sustainable energy, open up exciting possibilities within the medical and energy sectors and of course, put Australia on the global Space map".

It's this type of application that sits at the heart of maxon – working with companies who share the same passion for innovation, technology and development of pioneering inventions. Particularly those that help to shape the future of this planet and perhaps even sustain life on the moon.

For further information please contact maxon Group Australia tel. +61 2 9457 7477 or Space Industries [moon@spaceindustries.com.au](mailto:moon@spaceindustries.com.au)

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The press release is available on the internet at: [www.maxongroup.net.au](http://www.maxongroup.net.au)



*Space Mining: The future of sustainable energy © Space Industries*

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#### **The 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.