A lot goes into maxon motors and they go into a lot of things.

First earth, then outer space and now underwater. The new Aquatic division at maxon motor develop DC motor actuators, thrusters and systems for subsea use.

Focused on applications that require reliability and efficiency the new maxon subsea motors use BLDC (brushless DC motors) in pressure compensated oil filled housings. ROV and AUV applications will benefit from maxon motors’ lighter and more powerful new solutions including four new thruster sizes. The MT20, MT30, MT40 and MT70 can be used at depths to 6000 meters with their corresponding maxon pressure compensators. The maxon thrusters for AUV and ROV applications also have the ability to have the propeller geometry optimised for special requirements, or to use the standard propeller geometry that is most efficient in one direction and has approximately 80% in reverse thrust. External componentry of the thrusters are made from titanium or plastic for use in salt water and all parts have been isolated to prevent galvanic reactions.

A dedicated subsea area with data sheets, application solutions and stories from the field can be found by searching for aquaticsolutions.maxonmotor.com or contact maxon motor Australia on +61 2 9457 7477.

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The media release is available on the internet at: www.maxonmotor.com.au