

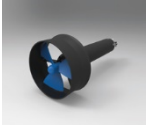









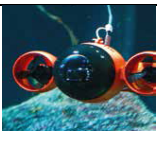

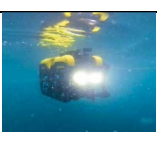


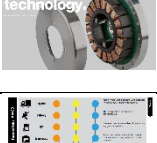




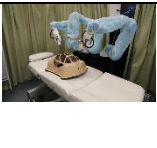






## 2016: maxon motor's year that was.

A year of highlights: maxons involvement in technology and innovation throughout 2016.

	<p>maxon introduced MARS (Maxon Advanced Robotics &amp; Systems) a new facility dedicated solely to DC motors in mechatronics drive systems</p> <p><a href="http://www.maxonmotor.com.au/maxon/view/news/MEDIARELEASE_DC_motors_in_complex_systems">http://www.maxonmotor.com.au/maxon/view/news/MEDIARELEASE_DC_motors_in_complex_systems</a></p>
	<p>300V brushless DC motor for use submerged in oil and designed specifically for Australia's increasing ROV and subsea market</p> <p><a href="http://www.maxonmotor.com.au/maxon/view/news/MEDIARELEASE_300V_Brushless_DC_motor_Australia">http://www.maxonmotor.com.au/maxon/view/news/MEDIARELEASE_300V_Brushless_DC_motor_Australia</a></p>
	<p>maxon released the very popular ROV Thruster Range, with modified control units available for use in water. Including subsea motors, gearheads, thrusters and compensators</p> <p><a href="http://www.maxonmotor.com.au/maxon/view/news/MEDIARELEASE_ROV_Thruster_subsea_motors">http://www.maxonmotor.com.au/maxon/view/news/MEDIARELEASE_ROV_Thruster_subsea_motors</a></p>
	<p>Brushless frameless flat motors (pancake motors) are available on request in a frameless form. Suitable for high torque and low speed applications</p> <p><a href="http://www.maxonmotor.com.au/maxon/view/news/MEDIARELEASE_Brushless_Frameless_DC_motors_from_maxon_motor_Australia">http://www.maxonmotor.com.au/maxon/view/news/MEDIARELEASE_Brushless_Frameless_DC_motors_from_maxon_motor_Australia</a></p>
	<p>A tiny brushless flat DC motor with a diameter of 10mm that achieves speeds of up to 22,000rpm was used in a Space application</p> <p><a href="http://www.maxonmotor.com.au/maxon/view/news/MEDIARELEASE_Very_small_brushless_DC_flat_motor">http://www.maxonmotor.com.au/maxon/view/news/MEDIARELEASE_Very_small_brushless_DC_flat_motor</a></p>
	<p>maxon Australia delivered a company first - a right angle spiroid and planetary inline gearhead fitted either end of a brushless DC motor</p> <p><a href="http://www.maxonmotor.com.au/maxon/view/news/MEDREL_Brushless_DC_motor_with_two_gearheads">http://www.maxonmotor.com.au/maxon/view/news/MEDREL_Brushless_DC_motor_with_two_gearheads</a></p>
	<p>Sydney's Iconic Harbour Bridge received a climbing robot that inspects areas of the Bridge for disrepair or damage</p> <p><a href="http://www.maxonmotor.com.au/maxon/view/news/MEDIAREL_maxon_DC_Motors_in_climbing_robot_Sydney_Harbour_Bridge_Australia">http://www.maxonmotor.com.au/maxon/view/news/MEDIAREL_maxon_DC_Motors_in_climbing_robot_Sydney_Harbour_Bridge_Australia</a></p>
	<p>A new DC motor position controller was released. With tiny dimensions of 60mm x 62mm and able to drive both brushed and brushless DC motors up to 1500W with 98% efficiency</p> <p><a href="http://www.maxonmotor.com.au/maxon/view/news/MEDIARELEASE_New_DC_motor_Position_Controller">http://www.maxonmotor.com.au/maxon/view/news/MEDIARELEASE_New_DC_motor_Position_Controller</a></p>

	<p>The new catalogue was released in May with an unparalleled number of new DC motors, gearheads and controllers available  <a href="http://www.maxonmotor.com.au/maxon/view/news/maxon_launches_unparalleled_number_of_new_DC_drive_systems">http://www.maxonmotor.com.au/maxon/view/news/maxon_launches_unparalleled_number_of_new_DC_drive_systems</a></p>
	<p>A custom long ball screw linear actuator, driven by a DC servo motor and gearhead, showed maxon motor's ability to provide tailored solutions  <a href="http://www.maxonmotor.com.au/maxon/view/news/MEDIARELEASE_DC_servo_linear_actuation">http://www.maxonmotor.com.au/maxon/view/news/MEDIARELEASE_DC_servo_linear_actuation</a></p>
	<p>The first ECX DC motor was delivered to an Australian University. The motor has extremely low noise at very high speeds  <a href="http://www.maxonmotor.com.au/maxon/view/news/MR_New_line_of_high_speed_brushless_DC_motors">http://www.maxonmotor.com.au/maxon/view/news/MR_New_line_of_high_speed_brushless_DC_motors</a></p>
	<p>Doctors are able to assess a patient up to 1,000km away thanks to an Australian University and robotics haptic technology  <a href="http://www.maxonmotor.com.au/maxon/view/news/MEDIARELEASE_DC_motors_in_robots_as_an_extension_of_doctors_arm">http://www.maxonmotor.com.au/maxon/view/news/MEDIARELEASE_DC_motors_in_robots_as_an_extension_of_doctors_arm</a></p>
	<p>An ROV that takes live video and underwater pictures and streams them directly to your smartphone, tablet or laptop  <a href="http://www.maxonmotor.com.au/maxon/view/news/MEDREL_ROVs_with_maxon_DC_motors_controlled_from_your_smartphone">http://www.maxonmotor.com.au/maxon/view/news/MEDREL_ROVs_with_maxon_DC_motors_controlled_from_your_smartphone</a></p>
	<p>Australia's defence industry received a robust right angle DC servo gear motor, for a very demanding application  <a href="http://www.maxonmotor.com.au/medias/sys_master/root/8820826144798/MEDIARELEASE-Custom-DC-gear-motor-solution.pdf">http://www.maxonmotor.com.au/medias/sys_master/root/8820826144798/MEDIARELEASE-Custom-DC-gear-motor-solution.pdf</a></p>
	<p>An ROV fitted with maxon DC motors found the largest submarine built in WWII, lying 190 metres below the ocean. These special DC motor combinations can reach depths up (down!) to 6,000m  <a href="http://www.maxonmotor.com.au/maxon/view/news/PRESSRELEASE_maxon_DC_drives_exploring_depths_up_to_6000m">http://www.maxonmotor.com.au/maxon/view/news/PRESSRELEASE_maxon_DC_drives_exploring_depths_up_to_6000m</a></p>
	<p>An Israeli company, ReWalk Robotics, developed an Exo-skeleton specifically helping quadriplegic people to walk again. Maxon motors control the movement of the hips and knees  <a href="http://www.maxonmotor.com.au/maxon/view/news/PRESSRELEASE_maxon_DC_motors_in_Exoskeleton">http://www.maxonmotor.com.au/maxon/view/news/PRESSRELEASE_maxon_DC_motors_in_Exoskeleton</a></p>
	<p><b>drive.tech</b> a new site for innovation by maxon motor was announced! <a href="http://drive.tech/">http://drive.tech/</a></p>
	<p>maxon announces a system that tracks and records every component manufactured in maxon DC servo motors  <a href="http://www.maxonmotor.com.au/maxon/view/news/PRESSRELEASE_DC_servo_motors_tracked">http://www.maxonmotor.com.au/maxon/view/news/PRESSRELEASE_DC_servo_motors_tracked</a></p>

	Try before you buy: the maxon motor BIKEDRIVE rental facility opens in Giswil, Obwalden <a href="http://www.maxonmotor.com.au/maxon/view/news/PRESSRELEASE_maxon_BIKEDRIVE_test_facility">http://www.maxonmotor.com.au/maxon/view/news/PRESSRELEASE_maxon_BIKEDRIVE_test_facility</a>
	New sizes of DC motor and Planetary Gearheads available for configuration through maxon's online tool <a href="http://www.maxonmotor.com.au/maxon/view/news/PRESSRELEASE_new_sizes_of_DC_motor_configurable_online">http://www.maxonmotor.com.au/maxon/view/news/PRESSRELEASE_new_sizes_of_DC_motor_configurable_online</a>
	A unique DC motor and gearhead combination was developed for an Australian customer providing solutions for robotic rehabilitation <a href="http://www.maxonmotor.com.au/maxon/view/news/PRESSRELEASE_DC-motor-with-right-angle-gear-and-planetary-gear">http://www.maxonmotor.com.au/maxon/view/news/PRESSRELEASE_DC-motor-with-right-angle-gear-and-planetary-gear</a>
	For use in subsea applications, maxon's MT-30 thruster is pressure tolerant up to 6,000 meters with oil compensation. The propeller is modified for low noise operation. Other features include: Maximum bollard thrust of 10kgs, Voltage of 27 and weighs slightly over 900gms <a href="http://www.maxonmotor.com.au/maxon/view/news/PRESSRELEASE_maxon_thruster_with_DC_motors">http://www.maxonmotor.com.au/maxon/view/news/PRESSRELEASE_maxon_thruster_with_DC_motors</a>
	A surgical robot gives surgeons the ability to perform microsurgery from thousands of kilometres away, with an added sense of touch <a href="http://www.maxonmotor.com.au/maxon/view/news/PRESSRELEASE-HeroSurg-Robot-with-maxon-DC-motors">http://www.maxonmotor.com.au/maxon/view/news/PRESSRELEASE-HeroSurg-Robot-with-maxon-DC-motors</a>
	maxon motor updated their subsea thruster - three sizes received updated performance levels, being the 20, 30 and 40mm diameter units <a href="http://www.maxonmotor.com.au/maxon/view/news/PRESSRELEASE-Brushless-DC-Subsea-thruster-update">http://www.maxonmotor.com.au/maxon/view/news/PRESSRELEASE-Brushless-DC-Subsea-thruster-update</a>
	maxon motor added sterilisable brushless DC motors and gearheads to their online configurator <a href="http://www.maxonmotor.com.au/maxon/view/news/More-to-choose-from-with-maxons-online-custom-design-tool">http://www.maxonmotor.com.au/maxon/view/news/More-to-choose-from-with-maxons-online-custom-design-tool</a>
	maxon released driven, their bi-annual magazine that focused on developments in the medical industry <a href="http://www.maxonmotor.com.au/maxon/view/news/DC-motors-in-medical-technology">http://www.maxonmotor.com.au/maxon/view/news/DC-motors-in-medical-technology</a>
	Maxon release two new varieties of brushless DC motor – the ECX SPEED 16 and ECX SPEED High-Power DC motors <a href="http://www.maxonmotor.com.au/maxon/view/news/New-high-speed-brushless-DC-motors-from-maxon">http://www.maxonmotor.com.au/maxon/view/news/New-high-speed-brushless-DC-motors-from-maxon</a>

For more information please contact maxon motor Australia on tel. +61 2 9457 7477.

Length of this press release: 620 words

The media release is available on the internet at: [www.maxonmotor.com.au](http://www.maxonmotor.com.au)

**maxon motor Australia Pty Ltd**

Unit 1, 12-14 Beaumont Road

Mt Kuring-Gai NSW 2080

Tel: +61 2 9457 7477

Fax: +61 2 9457 8366

[info.au@maxonmotor.com](mailto:info.au@maxonmotor.com)

[www.maxonmotor.com.au](http://www.maxonmotor.com.au)

Twitter [@maxonmotoraust](https://twitter.com/maxonmotoraust)