DC motors in water.

maxon DC motors completely immersed in oil and submerged in water. An interesting look at complete device assemblies.

Synonymous with quality maxon DC motors are often selected for complex systems. The quality of maxon motors manufacturing is now more and more frequently called upon to develop the customers complete assembly. A case in point comes across the globe from as far as Abu Dhabi where dramatic effects are achieved by robotic motorised fountains surrounding luxury hotels and public areas. Often shooting over 40 meters in the air and synchronised not only with each other but also to music, the seemingly basic concept of a water fountain all of a sudden has become a complex DC motor driven multi axis automation application operating in an extremely difficult environment. maxon motors expertise has been called upon not only to develop a DC motor for use in water but to develop the entire fountain systems. From machining the high chromium content stainless steel components, encasing and sealing the motor and planetary gearheads in oil and developing the motion control electronics that provide the spectacular effects, maxon provides their customer with a complete manufacturing solution.

For the complete article contact maxon motor Australia for a copy of the latest Driven magazine.
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