

Brushless flat DC motors going to Mars.

Brushless motors from maxon motor are again being used by NASA for the Mars 2020 rover.

For critical tasks you need the best quality. The Jet Propulsion Laboratory have selected nine brushless flat motors from maxon motor for the rover which they intend will take soil samples and seal them in containers for future transport to Earth. Various motion applications are performed. Sample tube holding, the robotic arm, container handling, sample gathering and container sealing. 32mm diameter and 20mm diameter flat brushless motors have been combined with heavy duty 22mm planetary gearheads and modified specifically for the Mars mission in close collaboration with JPL for the difficult conditions experienced with descent, landing, sandstorms and the -130 to +70 degree temperatures.

For information on DC motors and gearheads used in applications operating in harsh environments please contact maxon motor Australia tel. +61 2 9457 7477.

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



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