Industrial Gripper Robots: the maxon motor solution.

Across the many and varied robotics applications be they surgical, UAV, humanoid, collaborative or industrial robots, maxon motor offers motor and drive solutions.

Part 3 of our 6 part series looks at Industrial gripper robots. The gripping action must impart a firm grip but not so firm that an object is crushed. The requirements for these robots is high and the motors and drives must meet these high-expectations and perform reliably every single time. Specifically, high power density to produce maximum torque with restricted space constraints and precise interaction between motors and encoders is critical.

The maxon motor solution

Maxon motors have a special winding that guarantee performance that is efficient and precise. The brushless DC motor with Hall sensors has a high overload capacity, small dynamic and a linear curve for maintaining control. The motor is highly dynamic and can be fitted with maxon gearheads to match.

Other maxon solutions to consider

Brushless flat DC motors: EC 9.2 flat or EC 20 flat
Planetary gearheads: GP 10A or GP 13A.
Controllers: ESCON Module 24/2
View the maxon EC flat program

For more information on solutions to your motor and drive needs for robotics application please call maxon motor Australia on 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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