Collaborative Robotics: the maxon motor solution.

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

Known as Cobots, these robots work alongside humans. Built with a sense of “perception” by way of torque feedback, this means the Cobot can “detect” the proximity of other machines or humans and avoid collision. High torque motors are valuable in this situation to keep the gearhead units small.

The maxon motor solution

The brushless flat EC-90 maxon motor with integrated MILE encoder. With the exceptional power-to-size ratio the flat EC-90 brushless motor is:

• compact
• with a robust design
• dust and oil resistant; and
• has very high precision output due to the high-resolution encoders offering up to 6,400 pulses per turn.

Other solutions maxon motor Australia offers

Brushless EC motors: The EC-i flat or EC-4 pole or EC flat.
Planetary gearheads: GP High Power or GP.
Controllers: EPOS2 24/5, EPOS2 Module 36/2, EPOS2 50/5.

View the entire maxon EC motor program
For more information on solutions to your motor and drive needs for your robotics application please call maxon motor Australia on tel. +61 2 9457 7477.

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