Humanoid Robots: the maxon motor solution.

In Part 2 of our 6 part series, we take a closer look at Humanoid Robots. Across the many and varied robotics applications be they humanoid, surgical, UAV, collaborative or industrial robots, maxon motor offers motor and drive solutions.

These special type of robots are being developed in anticipation of assisting us in our every-day lives. Be it rescue robots, in service or caretaker roles or as teaching aids. The motor/drive requirements need to be lightweight, compact and powerful.

The maxon motor solution

Maxon motor offer multi-pole brushless DC motors with excellent torque-to-size ratios. In particular the brushless EC-i 40 with EASY encoder offers over 10,000 hours of service life. This motor is high precision due to high resolution encoders of up to 1,024 pulses per turn. Also dust and oil resistant, which is particularly important in rescue robot applications.

Other maxon solutions to consider

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

View the maxon DC-max program

The brushless EC-i 40 motor and EASY encoder © 2016 maxon motor
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.

Length of this press release: 214 words

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