

## Zero backlash and improved power motor and gearhead combination.

**Maxon motor Australia have produced a unique combination of a zero backlash low profile brushless DC motor with an all new flat design high power motor.**

The new brushless DC flat motor in extra high power version is capable of delivering 260W from dimensions of only 90x40mm. Coupled with the low profile zero backlash 160:1 gearhead torque levels of up to 160Nm can be produced. The power density and profile open up new possibilities for robotic joint, valve actuation and other high torque slow speed applications. The pcb that can be seen in the middle of the combination between the rotor and stator of the outrunner style brushless motor is in fact a 16,384 impulse encoder that enables fine positioning of the load. Pictured here is the first combination of this high power combination supplied in Australia that sets a new benchmark for power density and controllability.

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The media release is available on the internet at: [www.maxonmotor.com.au](http://www.maxonmotor.com.au)



*90mm Brushless DC high power version fitted to zero backlash gearhead*

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