

Play foosball against a robot!

A robot operates the opposing player rods on a Foosball table and has won against human players.

The Swiss Federal Institute of Technology (EPFL) has developed a foosball table with autonomously operated robotic rods. The table has a transparent playing surface with a camera that locates the ball by taking up to 300 images per second. These images are immediately evaluated and sent to control the rods, which are powered by maxon EC-4 pole DC brushless motors with gearheads and motor controllers. The rods stop the ball and aim for the goals. The students aim to make the robot even more intelligent by programming the robot to analyse opponents players, find gaps in the defence and predict the ball's trajectory.

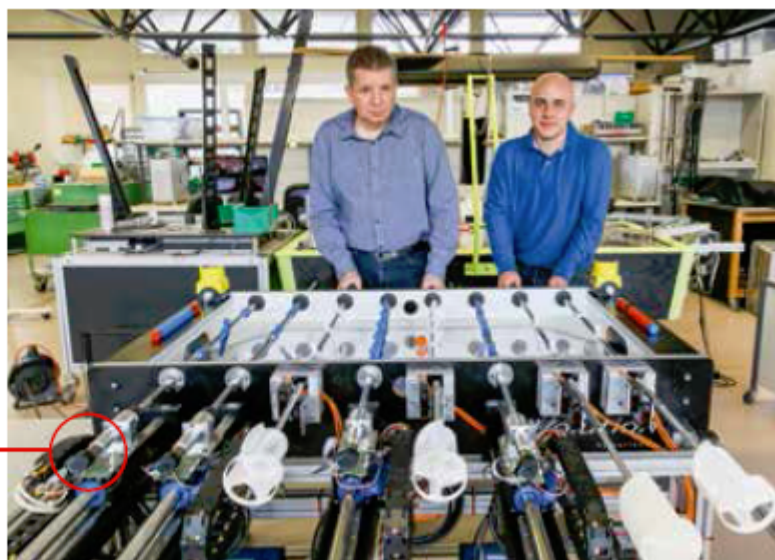
For more information on DC motor technology please contact maxon motor Australia on tel. 61 2 9457 7477.

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



maxon EC-4pole
Ø 22 mm, 120 W,
brushless



Photos: EPFL, maxon motor ag

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