

A flat motor for high torque

maxon's brushless EC 90 flat motor with 1 Nm.

maxon's new brushless EC 90 flat motor features maximum torque in a compact design. This and all other drives in this series of motors are now also available with cables.

The EC 90 flat has a diameter of 90 millimeters and is available in two versions, with 160 W or 260 W of power. In the 260 W version, the motor delivers an impressive continuous torque of up to 1 Nm, which makes it the most powerful among all other drives.

Its characteristics make the 260 W version of the EC 90 an interesting choice for direct drives, i.e. without a gearhead. Possible applications include wheel drives, logistics systems and pumps. In combination with the MILE encoder, this brushless DC motor is ideal for positioning tasks.

maxon now offers cable versions of the new EC 90 flat models and the smaller EC 45 flat motors. By default, the cables are attached to the motor and come with a connector. For more information, please visit the online shop: shop.maxonmotorusa.com

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The new BLDC
motor by maxon:
EC flat 90 260 W.
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maxon flat motors
are now available
as cable versions.
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The Swiss specialist for quality drives

maxon motor is a developer and manufacturer of brushed and brushless DC motors, as well as gearheads, encoders, controllers, and entire mechatronic systems. maxon drives are used wherever the requirements are particularly high: in NASA's Mars rovers, in surgical power tools, in humanoid robots, and in precision industrial applications, for example. To maintain its leadership in this demanding market, the company invests a considerable share of its annual revenue in research and development. Worldwide, maxon has more than 2500 employees at nine production sites and is represented by sales companies in more than 30 countries.