

maxon

PRECISION MOTORS

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WHO WE ARE



maxon motor combines electric motors, gears and DC motor controls into high-precision, intelligent drive systems that can be custom-made to fit the specific needs of customer applications. maxon motor helps provide innovative solutions at competitive prices for numerous applications in various markets, such as industrial automation, medical technology, security technology, instrumentation, communications, and consumer applications, among others.

SERVICES OFFERED

Offering solutions that fit your customized needs

maxon precision motors focuses on comprehensive solutions optimized through a diversified product range and client consultation.

- maxon motors manufactures small, high-quality brush and brushless DC motors ranging in size from 4 mm to 90 mm and up to 500 watts.
- maxon's rhombic wound ironless rotor motors provide:
 - exceptionally high efficiency
 - low EMI emissions
 - fast acceleration
 - no preferred rotor position
 - torque constants and long service life
- The drive components are assembled and designed within our modular system according to your individual needs.
- You can combine, according to your requirements, motors with 10 different product classes with planetary, standard or special gearheads, feedback devices, brakes and control electronics.



Discover the X

Dynamic, Powerful and Processed in 11 Working Days

A NEXT generation of innovative brushed DC motors, planetary gearheads and encoders. maxon's DCX line of products are 20% more powerful than other motors in its same size class. maxon has taken its best brushed drives and made them even better. These innovative motors with ironless rotor have matching gearheads and sensors. The gearheads consists of individually configurable gear stages and is now even quieter and even more robust than equivalent sized gearheads. Matching maxon **ENX encoders** feature a strong industrialized design and high signal quality. These encoders are ideal for high-precision position and speed control applications. When combined together, the maxon DCX, GPX and ENX form a high-precision, robust drive system ideal for any application from aerospace to medical to robotics. In fact anywhere that requires a compact, powerful, quiet and strong drive system. With just a few clicks of the mouse, it is possible to configure a powerful DCX drive with reliable and fast delivery. In addition, detailed product data may be viewed immediately online and 3D CAD data for the configuration is available for downloading. Visit dcx.maxonmotor.com for more.

With over 40 years of experience, high-tech innovations and superior product quality, maxon is the reliable partner in drive technology. Individual, customized drive solutions are our greatest strength.



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