

## DC motor



A motor that converts direct current (e.g. electrical energy from a battery) into mechanical energy (e.g. motion). The most common types rely on the forces produced by magnetic fields. Inside the motor, there are coils of wire, which become magnetized when current flows and produce magnetic fields. The fields repel and attract magnets within the structure, spinning the shaft.

**With DC motors you can make wheels turn, for instance.**

More information, check the video [DC Motor, how it works](#).

[Here](#) you can learn how to control DC motors using arduino.



eCraft2Learn H2020-731345 - UEF.

This work is licensed under a License [Creative Commons Attribution 4.0 International](#).

This project has received funding from the European Union's Horizon 2020 Coordination & Research and Innovation Action Under Grant Agreement No 731345.