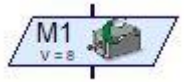


Basic information on the fischertechnik Omniwheels

When you are working with the ROBO Pro software and programming motor drives, you will use the programming command “motor output” for Mini motors.

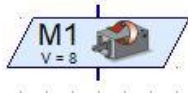
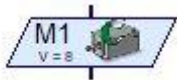


The direction of rotation can be set in the program. This is displayed to you graphically using different colour arrows.

Green for clockwise

Red for anti-clockwise

Motor stop



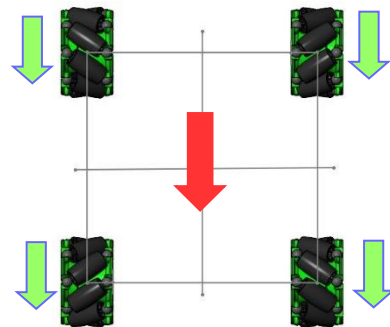
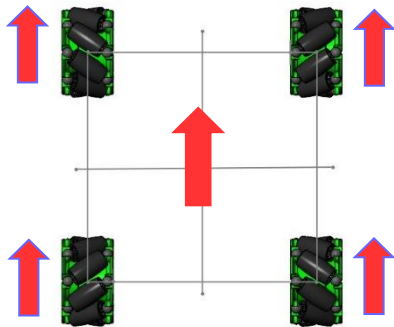
The following illustrations show the different drives of the Mecanum wheels.

The outer coloured arrows correspond to the drive direction of the wheel, the red arrow in the centre corresponds the direction of motion for your vehicle.

Driving direction:

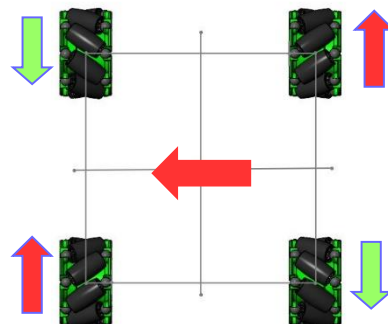
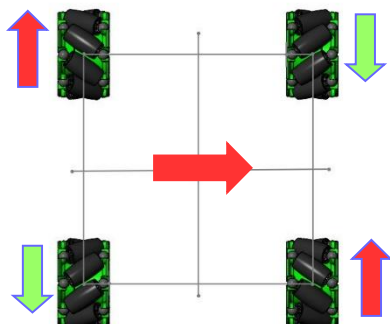
Forwards

Backwards



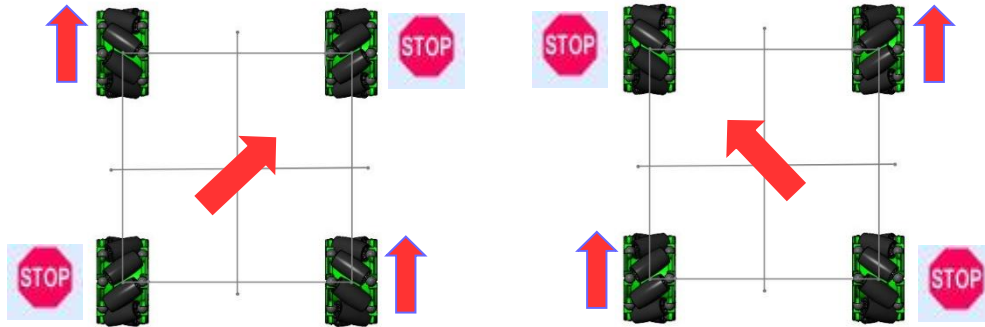
Driving direction: Sideways to the right

Sideways to the left



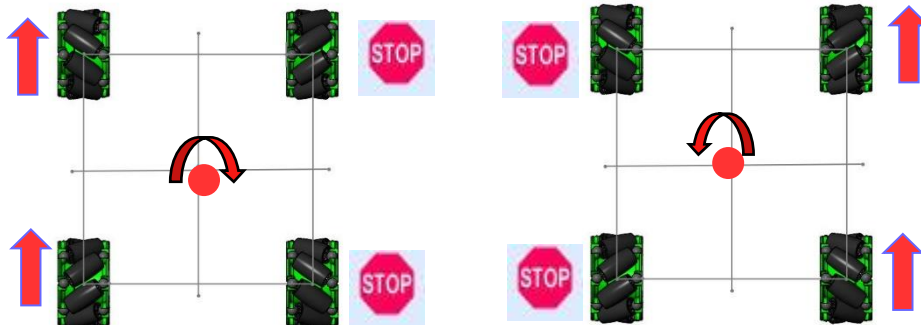
Driving direction: Diagonal to the right forward

Diagonal to the left forward



Travel along a curve: Right

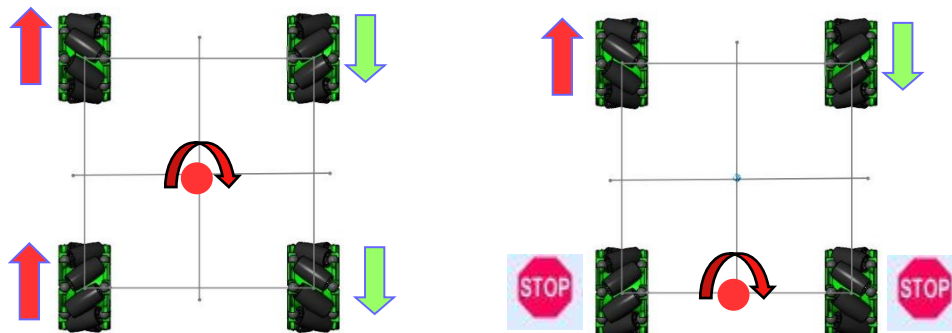
Left



Rotation:

Right

Rotation around the centre point of an axis



If you require additional directions of movement, you only need to change the direction of rotation of the motors, for instance to rotate anti-clockwise

