

# D E X T E R



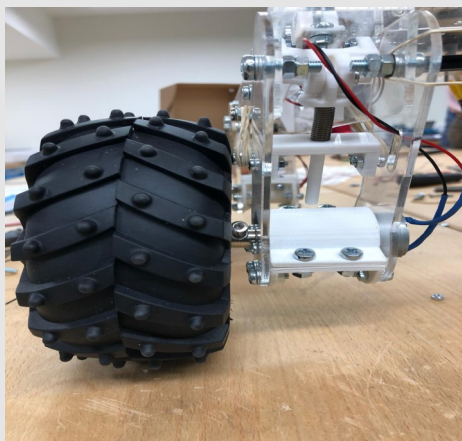
## ROBUST | SWIFT | RESILIENT

The Dexter Rover is a medium-sized, high mobility robot designed to maneuver through all terrain and obstacles. Its multi pivot design provides flexibility and resilience in unideal situations. The rover's acrylic and aluminium chassis provides sufficient strength and support whilst maintaining a sleek look. Dexter's body sits on a 4WD off-road drivetrain. This provides the high torque capabilities that makes the Dexter rover a complete package.

## TECHNICAL SPECIFICATIONS

<b>Dimensions</b>	40 cm x 32 cm x 25cm	<b>Max Power</b>	104.2w (Peak) 5.88w (Continuous)
<b>Weight</b>	3.65 kg 8 lbs	<b>Battery</b>	Turnigy Stick Pack Sub-C 4200mAh 8.4V NiMH High Power Series (EU)
<b>Ground Clearance</b>	80 mm from ground to chasis 45 mm from ground to motor	<b>Communication &amp; Control</b>	Arduino Uno 3 Cytron MDD10A 5-30V 10A Motor Driver DRV8835 1.2A Motor Driver

Wheel and Motors



Rear View



Side View

