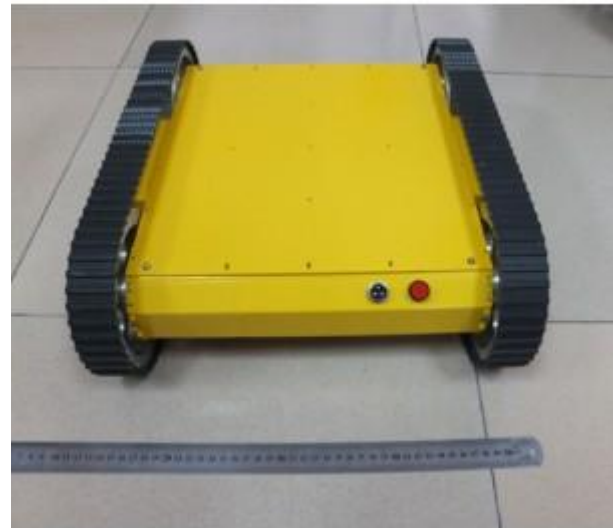


This is an innovation tracked robot kit, based on the technological platform of tracked mobile tank robot kit 10015. The heavy-duty tracked mobile tank robot kit traverses over objects in its path and rough terrain. Use this kit as a stand-alone or combine it with other accessories making a more complex machine with more capabilities. The tracked mobile tank robot kit provides excellent stability, traction and low ground bearing pressures, enabling use in a wider range of applications. Moreover, this kit performs admirably in hostile working conditions brought about by poor seasonal weather.



### **Specifications:**

- Dimension: 450 x 400 x 150mm
- Body Material: Aluminum Alloy
- Speed: 0.5m/s
- Motor Power: 60w
- Load Capacity: 40kg
- Motor type; 24V DC Servo Motor
- Encoder Resolution: 500CPR
- Net weight: 15kg

### **Parts included**

- 24V DC Servo Motor X 2
- DC Servo Drive X 2
- Arduino 328 Controller
- 48V-to-12V DC Converter
- 12V NI-MH Battery X 1
- 12V Charger

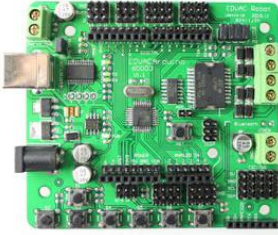
### **Parts Description**

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The DC Servo Drive is to be used to drive the motors.

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Arduino 328 is a microcontroller board. The USB port can be used for download of own programs and for transmitting data to the PC.

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### **DC Motor Specifications:**

Voltage(VDC): 24V  
Reduction Ratio: 1/23  
Gearbox Length(mm): 57.2  
No-Load Speed(Rpm): 170  
Rated Speed(Rpm): 119  
Rated Torque(Kg.cm): 20  
Rated Current(Amp): 3.1

