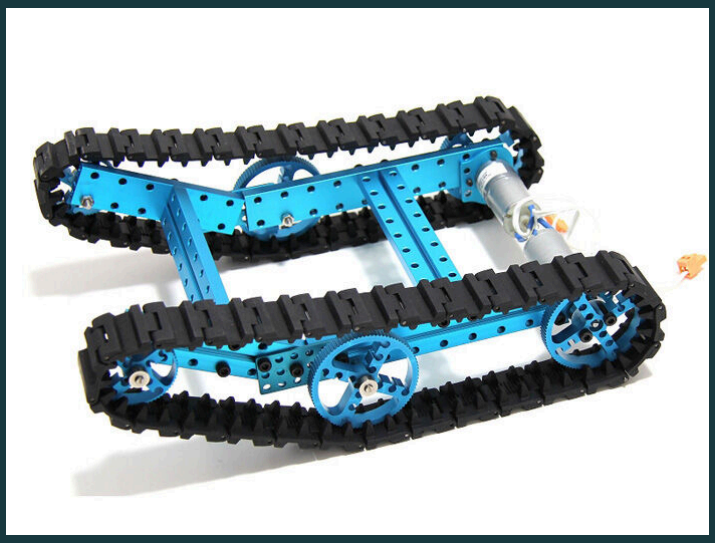
seeed studio

INDUSTRIAL PRODUCT DATASHEET

Makeblock Advanced Robot Kit - Blue

Build customizable wheeled or tracked robots with an aluminum gripper and timing belt-driven arm using this all-in-one metal construction kit.

SKU	UPDATED	PRICE
110990132	2024-08-09 02:09:42	$229.99(Excl. VAT)



Overview



The Makeblock Advanced Robot Kit - Blue enables construction of versatile robotic platforms including wheeled and tracked configurations, with add-on robot arm and gripper. It features strong anodized aluminum parts, metal gear motors, and a timing belt-driven arm, all packed in a translucent toolbox with extra components for custom builds.

Key Features

This kit can be used to build a moving platform, wheeled robot or tracked robot, different wheel configuration and track configuration are avaliable. a robot arm and a robot gripper can be added on the moving robot, there are spare parts for building other kind of structure. The robot arm is driven by a DC motor through timing belt transition mechanism.

Note: Free shipping policy is NOT apply to the Makeblock Kits.

Features

- Strong aluminum extrusion parts, anodizing surface
- Metal gear motor with back shaft
- Different configuration of 2-wheel drive moving platform
- Different configuration of Tracked platform
- Timing belt driven robot arm
- Aluminum robot gripper
- Extra parts for exploring other configuration

Parts are packed in a translucent plastic tool box.

Parts List

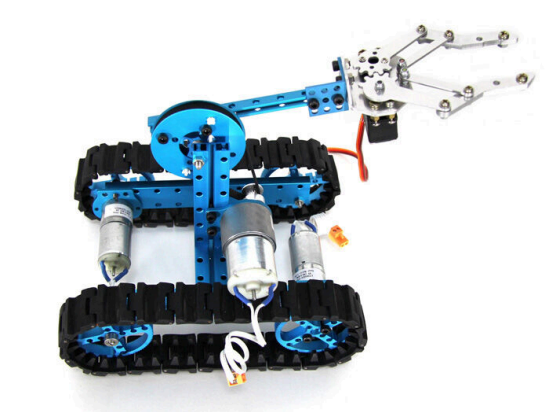
- 2x Beam 0824-96
- 2x Beam 0824-128
- 2x Beam 0824-144
- 2x Beam 0824-160
- 2x Beam 0824-192
- 2x Beam 0808-192
- 2x Bracket 3x3
- 2x Plate 3x6
- 4x Link Rod
- 2x Bracket P3
- 1x Caster Wheel
- 2x DC Motor-25
- 1x DC Motor-37
- 2x DC Motor-25 Bracket
- 1x DC Motor-37 Bracket
- 2x Shaft Connector-4
- 1x Timing Pulley18T
- 2x Timing Pulley 62T
- 5x Timing Pulley 90T
- 2x Timing Pulley Slice 90T
- 2x Tyre 68.5x22mm
- 60x Track

- 60x Track Axle
- 1x Timing Belt 123T
- 1x D Shaft 4x50mm
- 5x Threaded Shaft 4x31mm
- 6x Shaft Collar 4mm
- 10x Flange Bearing 4x8x3mm
- 1x Robot Gripper and servo
- 1x Screwdriver 3mm
- 1x Cross Screwdriver
- 1x Screwdriver 1.5mm
- 16x Screw M4x8
- 32x Screw M4x14
- 16x Screw M4x22
- 16x Nut M4
- 2x Nut M8
- 16x Countersunk Screw M3x8
- 16x Headless Screw M3x5
- 8x Plastic Rivet R4060
- 8x Plastic Rivet R4120
- 32x Plastic Ring 4x7x2

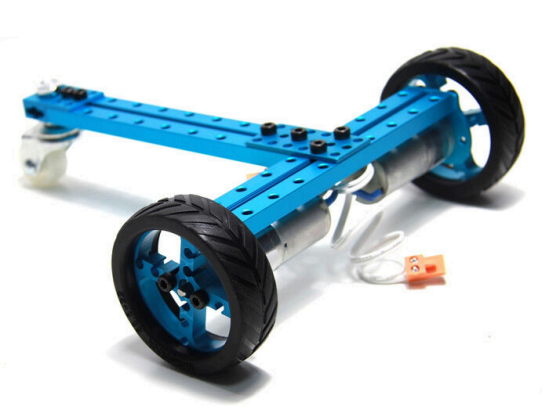
Visit **Makeblock overview website** to get more information about Makeblock and see what other application and extension kits are already available.

Support
If you have any further question for technical support, please contact **waker@makeblock.cc** or visit **forum** of Makeblock.

Product Gallery











Part List

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Resource Links

- https://www.seeedstudio.com/Makeblock-Advanced-Robot-Kit-Blue-p-1568.html

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