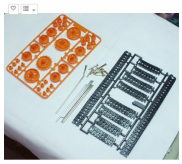

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Tank Treads

ROB-00321

DESCRIPTION

Track set for tank treads. Use these treads to create your own tank setup. These work superbly with the Tamiya dual gear box.

Comes with:

- 2 Tracks x 30 Links
- 2 Tracks x 10 Links
- 2 Tracks x 8 Links
- 2 Large Drive Sprockets
- 2 Large Idler Wheels
- 6 Large Road Wheels
- 10 Small Road Wheels
- Various Drive and Slip Shafts
- Various Screws and Hardware

Tank Treads Product Help and Resources

SKILLS NEEDED

Core Skill: Robotics

This skill concerns mechanical and robotics knowledge. You may need to know how mechanical parts interact, how motors work, or how to use motor drivers and controllers.

Skill Level: Noob - You will be required to put together a robotics kit. Necessary parts are included and steps will be easy to follow. You also might encounter basic robotics components like bearings, mounts, or other hardware and need a general idea of how it goes together.
See all skill levels

Core Skill: DIY

Whether it's for assembling a kit, hacking an enclosure, or creating your own parts; the DIY skill is all about knowing how to use tools and the techniques associated with them.

Skill Level: Noob - Basic assembly is required. You may need to provide your own basic tools like a screwdriver, hammer or scissors. Power tools or custom parts are not required. Instructions will be included and easy to follow. Sewing may be required, but only with included patterns.
See all skill levels

COMMENTS 28 REVIEWS 0

Customer Comments

Log in or register to post comments.

Robotguy / about 9 years ago / ★ 5
Just as an example of what you can do with these and a micro metal gear motor:
http://www.robotguy.net/goofy.jpg
http://www.robotguy.net/m-1-9-05.jpg

> TechMasterJoe2 / about 5 years ago / ★ 1
> lol is that on a air hockey table lawl looks small

Member #128626 / about 3 years ago / ★ 1
In answering the requests concerning dimensions; http://www.robotmarketplace.com/products/0-70100.html

Schilcote / about 5 years ago / ★ 1
How much abuse can these handle? For example, if I wanted to make a robot that rolls on rough terrain, or a really fast mini-tank?

Peter Fox Flick / about 5 years ago / ★ 1
Can someone please post the width of the treds and diameter of the sprockets, thanks.

Member #205600 / about 5 years ago / ★ 1
Please can someone help me by telling how to hold the treads together. I mean I see there the holes to attach to the links but they just keep coming apart. What are you guys doing to keep it together?

Any help is appreciated. Thank you.

Justins210 / about 7 years ago / ★ 1
Please get this back in stock soon!:P

Member #209734 / about 7 years ago / ★ 1
Can the plastic tracks in this kit be combined together to make a single, continuous, longer track?

> Member #202372 / about 7 years ago / ★ 1
> I am sure they can...
> I have assembled these personally, and you can just keep connecting the links for the track size you want. The only problem you may encounter is the torque load on the drive sprocket. The more track you have in contact with the ground, the higher amount of torque you can transfer. The motor drive sprocket is only toothed plastic, with a 3mm hex drive shaft, so you may end up stripping something out over time.

centraltek / about 7 years ago / ★ 1
Hello I live in Brazil How do I buy with you

centraltek / about 7 years ago / ★ 1
Hello I live in Brazil How do I buy with you

bluewraith / about 7 years ago / ★ 1
Great kit with many possibilities. My only gripe is that the plastic that the sprockets are made from is too soft. Mine have stripped out and wont hold onto the hex shaft of the twin motor gear box very well.
Simple solution: Drill a small hole on the axle shaft and use a set screw to hold on to the hex shaft.

Brianith / about 7 years ago / ★ 1
I used these in conjunction with the
Universal Plate Set
http://www.sparkfun.com/commerce/product_info.php?products_id=10016
and
Dual Motor Gearbox
http://www.sparkfun.com/commerce/product_info.php?products_id=319
in my Arduino Robot project titled "ATTICUS" found at:
http://studios.gamesalayer.org/projects/atticus/

Randy8144 / about 7 years ago / ★ 1
How do you get this to turn differently, since the front axle is connected to both front wheels? Or am I just stupid?

> Brianith / about 7 years ago / ★ 1
> The front wheels are coasters - they spin independently of each other on a smooth axle. The driving wheels (sprockets) have a six-sided bore inside so they are fixed on the hex drive shafts. (There are two short and one long hex axle in the package if I recall.)

RobertC / about 7 years ago / ★ 1
Please be patient everyone. They are (and have been) on order and we are just waiting on the shipment to come in.

LucasZ / about 7 years ago / ★ 1
Get this back in stock, please!

mman1506 / about 7 years ago / ★ 1
please get these back in stock

ashton06 / about 8 years ago / ★ 1
I count 10 tracks, 4 10 link and 4 8 link. And there also appears to be a second smaller set of drive sprockets. Is the picture correct or the discription.

RoHS / about 8 years ago / ★ 1
Made an iPhone controlled tank using these treads, along with the Ardumoto and a number of other SparkFun Parts.
http://www.youtube.com/watch?v=RmLU4GS7zAI

a4rino / about 8 years ago / ★ 1
This set looks suspiciously similar to Parallax's tank tread kit:-
http://www.parallax.com/Store/Robots/RoboticAccessories/tabid/145/ProductID/78/List/0/Default.aspx?SortField=ProductName,ProductName - but it doesn't appear to include the aluminum sides included in the Parallax set. Incidentally, the SparkFun set here costs about one fifth of that Parallax set. Anyway, does anyone know if this particular set would work for a BOE BOT?

> RoHS / about 8 years ago / ★ 1
> Yeah, it's actually the same tank tread set...originally made by Tamiya. I believe the metal sides are made by Parallax and they don't come with this kit.

> Tycho Vhargon / about 8 years ago / ★ 1
> I see

Dorsal65 / about 9 years ago / ★ 1
What is the width of the track? What is length of each track (or how much track (total length) is included)?

Member #24627 / about 10 years ago / ★ 1
A really good little kit and does indeed work well with the Tamiya dual gearbox (although its lacking in power IMO but thats another story). I made a standard tank type thing with them (http://chris.thefnet.co.uk/index.php/G.A.R.E.V.) but am here getting another set to make a smaller bot, hopefully using servos instead of the dual gearbox. Treads could do with being a bit more rubbery/gripper but generally very good.

Downloaded from Arrow.com.