



RC Construction Hobby

I design and build RC Construction equipment for others to build and enjoy.

My profile on YouMagine <https://youmagine.com/rc-construction-hobby>

Tracksushi Skidsteer Loader 1/14 scale

This is a 1/14 scale RC skidsteer that I have designed. It is fully functional and runs is all electric. I use it for my youtube videos to show how RC can be created by you and not just buying a ready made. This is a relatively easy build and I show you how to build it in my videos. I also, show how to setup the electronics and setup your remote control.



Technical information

Here are the building materials needed to make this. If a link does not work, please let me know, and I will find a replacement.

Video to build this machine,

updated link:

part 1

https://youtu.be/hUTR_tUenyQ

part 2

<https://youtu.be/rH8BoTp4fWs>

transmitter setup

<https://youtu.be/zEIAytYt4DQ>

Here is the list of parts to buy to make it RC:

M3 rod

<https://www.amazon.ca/dp/B07KJKHRLJ?p...>

100rpm motors 12v

<https://amzn.to/3R2jBz5>

servo 25kg

<https://www.amazon.ca/gp/product/B07M...>

bec

<https://www.amazon.ca/dp/B08MB22MBZ?p...>

M2,M3,M4,M5 screws

<https://www.amazon.ca/dp/B07PHYJ8BB?p...>

springs from creality 3d printer.

<https://www.amazon.ca/dp/B07KF9LZ2L?p...>

M4 rod

<https://www.amazon.ca/dp/B01D4LVA78?p...>

M2 screws for idler wheels

<https://www.amazon.ca/dp/B01MXPTO3Y?r...>

dowel pins M3x16

<https://amzn.to/3SGCc5V>

linear servo motors Speed(RPM): 12V 15MMS 64N, 21mm stroke

[https://www.aliexpress.com/item/1005001427208855.html?](https://www.aliexpress.com/item/1005001427208855.html?spm=a2g0o.order_list.order_list_main.117.1d671802zlllfF)

[spm=a2g0o.order_list.order_list_main.117.1d671802zlllfF](https://www.aliexpress.com/item/1005001427208855.html?spm=a2g0o.order_list.order_list_main.117.1d671802zlllfF)

Bearings for front idler wheel. Dimensions 3x6x2.5

<https://amzn.to/3OuAP81>

The tracks:

<https://bruderparts.com/collections/02137-caterpillar-delta-loader/products/42104-two-tracks-for-cat-compact-track-loader-1-d01>

Printable files (48)

#	Filename	Material	Layer Height	Wall thickness	Infill	Support	Adhesion	Color
1	Cab parts-back.3mf Cab parts-back.3mf 1.73 KB		-	-	-			
2	Cab parts-cab face.3mf Cab parts-cab face.3mf 7.34 KB		-	-	-			
3	Cab parts-left cab.3mf Cab parts-left cab.3mf 56.5 KB		-	-	-			

#	Filename	Material	Layer Height	Wall thickness	Infill	Support	Adhesion	Color
4	Cab parts-left seat.3mf Cab parts-left seat.3mf 41.4 KB		-	-	-			
5	Cab parts-lightbar.3mf Cab parts-lightbar.3mf 30.9 KB		-	-	-			
6	Cab parts-right cab.3mf Cab parts-right cab.3mf 55.7 KB		-	-	-			
7	Cab parts-right seat.3mf Cab parts-right seat.3mf 40.8 KB		-	-	-			
8	Cab parts-roof.3mf Cab parts-roof.3mf 129 KB		-	-	-			
9	track components-boggie wheel x10.3mf track components-boggie wheel x10.3mf 41 KB		-	-	-			
10	track components-cover plate Sproket x2.3mf track components-cover plate Sproket x2.3mf 32.4 KB		-	-	-			
11	track components-cover plate track carrier x2.3mf track components-cover plate track carrier x2.3mf 24.9 KB		-	-	-			
12	track components-idler guide left.3mf track components-idler guide left.3mf 71.2 KB		-	-	-			
13	track components-idler guide right.3mf track components-idler guide right.3mf 71 KB		-	-	-			
14	track components-New idler front update.3mf track components-New idler front update.3mf 402 KB		-	-	-			
15	track components-rear idler x2.3mf track components-rear idler x2.3mf 357 KB		-	-	-			
16	track components-spacer for idler x2.3mf track components-spacer for idler x2.3mf 36.3 KB		-	-	-			
17	track components-sprocket left final x2.3mf track components-sprocket left final x2.3mf 163 KB		-	-	-			

#	Filename	Material	Layer Height	Wall thickness	Infill	Support	Adhesion	Color
18	track components-track body left.3mf track components-track body left.3mf 60.1 KB		-	-	-			
19	track components-track body right.3mf track components-track body right.3mf 61 KB		-	-	-			
20	Boom assembly-bar lift.3mf Boom assembly-bar lift.3mf 12.7 KB		-	-	-			
21	Boom assembly-boom.3mf Boom assembly-boom.3mf 432 KB		-	-	-			
22	Boom assembly-brace.3mf Boom assembly-brace.3mf 45.7 KB		-	-	-			
23	Boom assembly-bucket coupling v2.3mf Boom assembly-bucket coupling v2.3mf 49.2 KB		-	-	-			
24	Boom assembly-left outer wing.3mf Boom assembly-left outer wing.3mf 52.1 KB		-	-	-			
25	Boom assembly-pivot left.3mf Boom assembly-pivot left.3mf 42.1 KB		-	-	-			
26	Boom assembly-pivot right.3mf Boom assembly-pivot right.3mf 42.1 KB		-	-	-			
27	Boom assembly-right outer wing.3mf Boom assembly-right outer wing.3mf 61.6 KB		-	-	-			
28	accessories-bucket coupling.3mf accessories-bucket coupling.3mf 55.7 KB		-	-	-			
29	accessories-bucket teeth.3mf accessories-bucket teeth.3mf 42.5 KB		-	-	-			
30	accessories-bucket.3mf accessories-bucket.3mf 38.8 KB		-	-	-			
31	accessories-fork backing.3mf accessories-fork backing.3mf 44.5 KB		-	-	-			
32	accessories-fork.3mf accessories-fork.3mf 5.63 KB		-	-	-			
33	accessories-leftwing plow.3mf accessories-leftwing plow.3mf 8.1 KB		-	-	-			

#	Filename	Material	Layer Height	Wall thickness	Infill	Support	Adhesion	Color
34	accessories-rightwing plow.3mf accessories-rightwing plow.3mf 8.08 KB		-	-	-			
35	accessories-snowplow.3mf accessories-snowplow.3mf 65.8 KB		-	-	-			
36	Body-battery tray.3mf Body-battery tray.3mf 2.84 KB		-	-	-			
37	Body-Diesel.3mf Body-Diesel.3mf 257 KB		-	-	-			
38	Body-exhaust.3mf Body-exhaust.3mf 286 KB		-	-	-			
39	Body-grab handle.3mf Body-grab handle.3mf 105 KB		-	-	-			
40	Body-hydro block.3mf Body-hydro block.3mf 2.46 KB		-	-	-			
41	Body-lft handle.3mf Body-lft handle.3mf 159 KB		-	-	-			
42	Body-pin plate 4mm.3mf Body-pin plate 4mm.3mf 18.6 KB		-	-	-			
43	Body-rear door.3mf Body-rear door.3mf 181 KB		-	-	-			
44	Body-rht handle.3mf Body-rht handle.3mf 263 KB		-	-	-			
45	Body-SERVO CLIP.3mf Body-SERVO CLIP.3mf 12.2 KB		-	-	-			
46	Body-step.3mf Body-step.3mf 10.5 KB		-	-	-			
47	Body-tub.3mf Body-tub.3mf 70.3 KB		-	-	-			
48	Body-engine cover.3mf Body-engine cover.3mf 4.6 KB		-	-	-			

Use [YouMagine Workbench](#) to manage printing statuses in a more interactive and convenient way.

QR Code

Use camera to navigate to the product page with this QR code

