

MA 2

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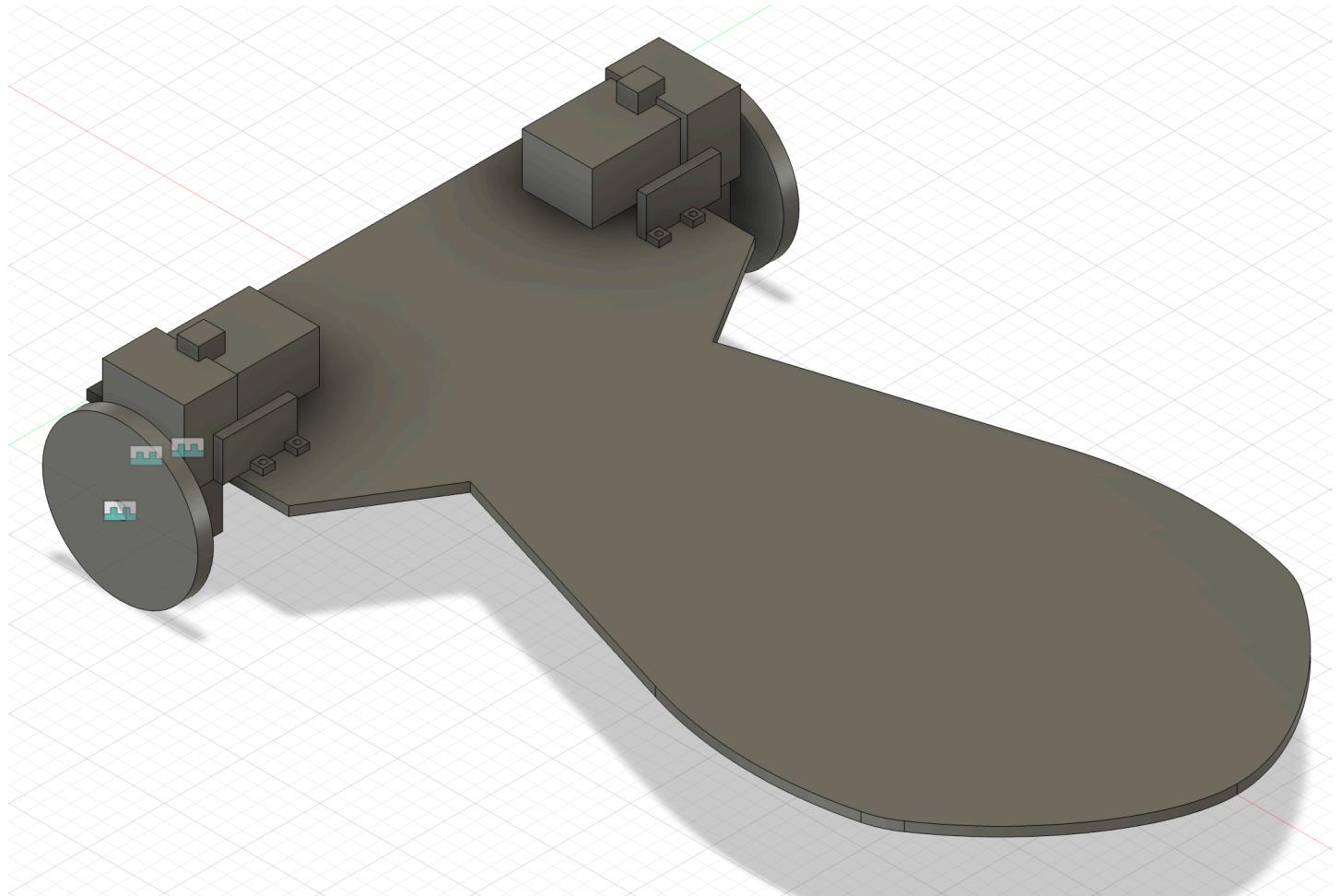
Group: Luckas

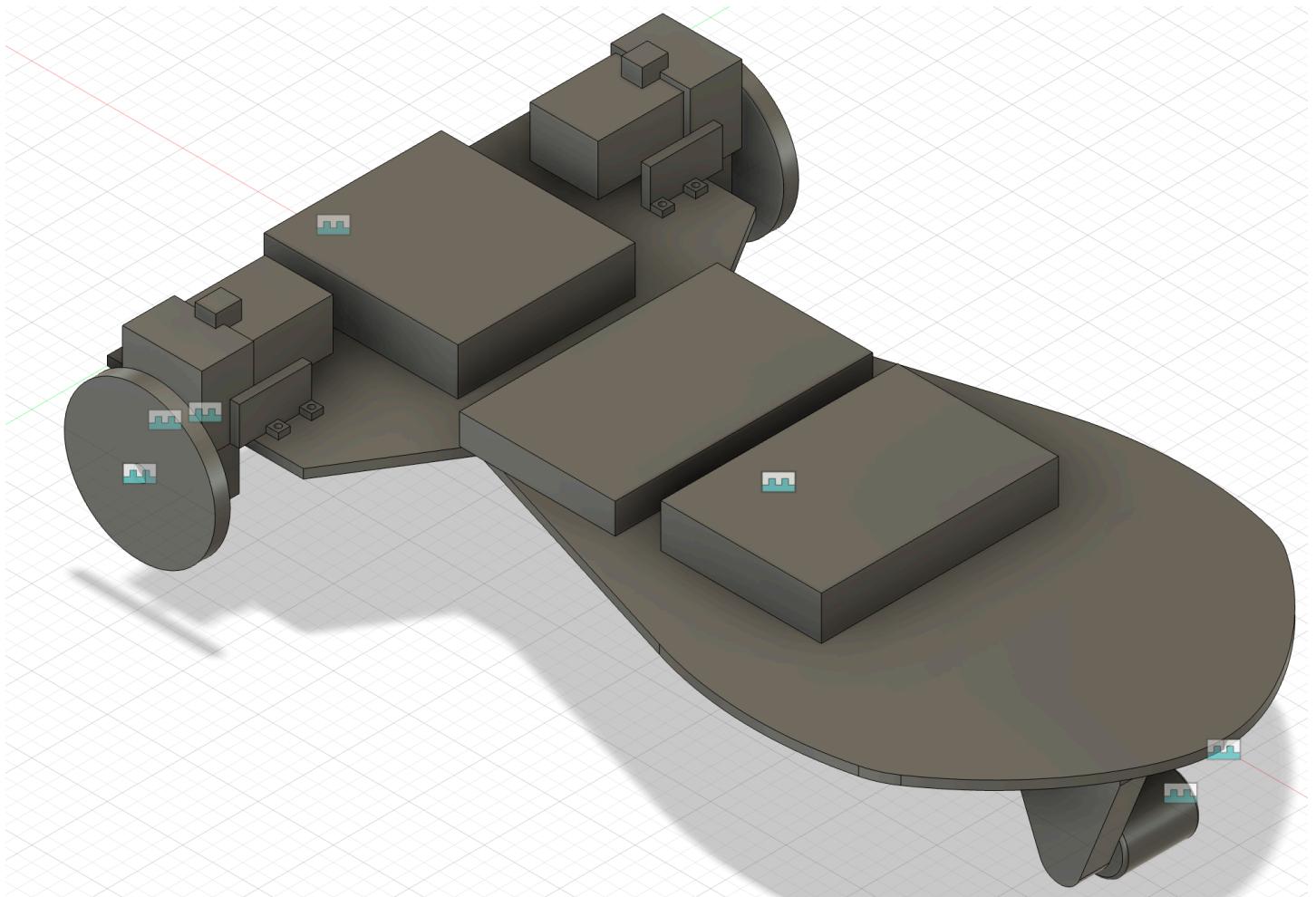
1. Base Design

Below you can see the base design.

Our first goal was to have space enough for the motors, motor holders, the battery pack, the Arduino, the breadboard, and a front wheel.

The second goal was to have a design which looked slightly like a nuke.





You can see them in more details by following the links below:

- [Base design with motors](#)
- [Base design with all components](#)

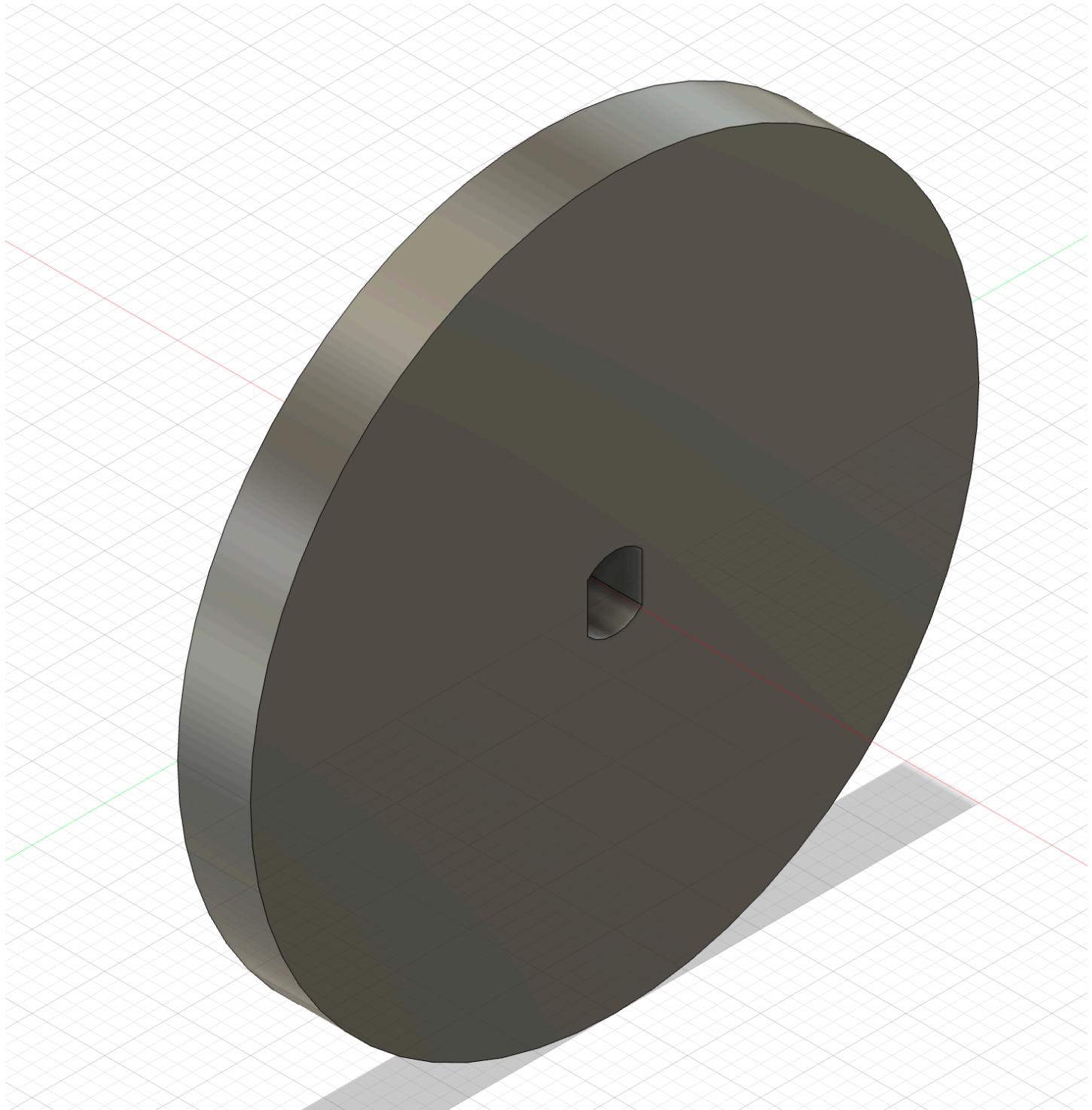
2. Laser Cutting

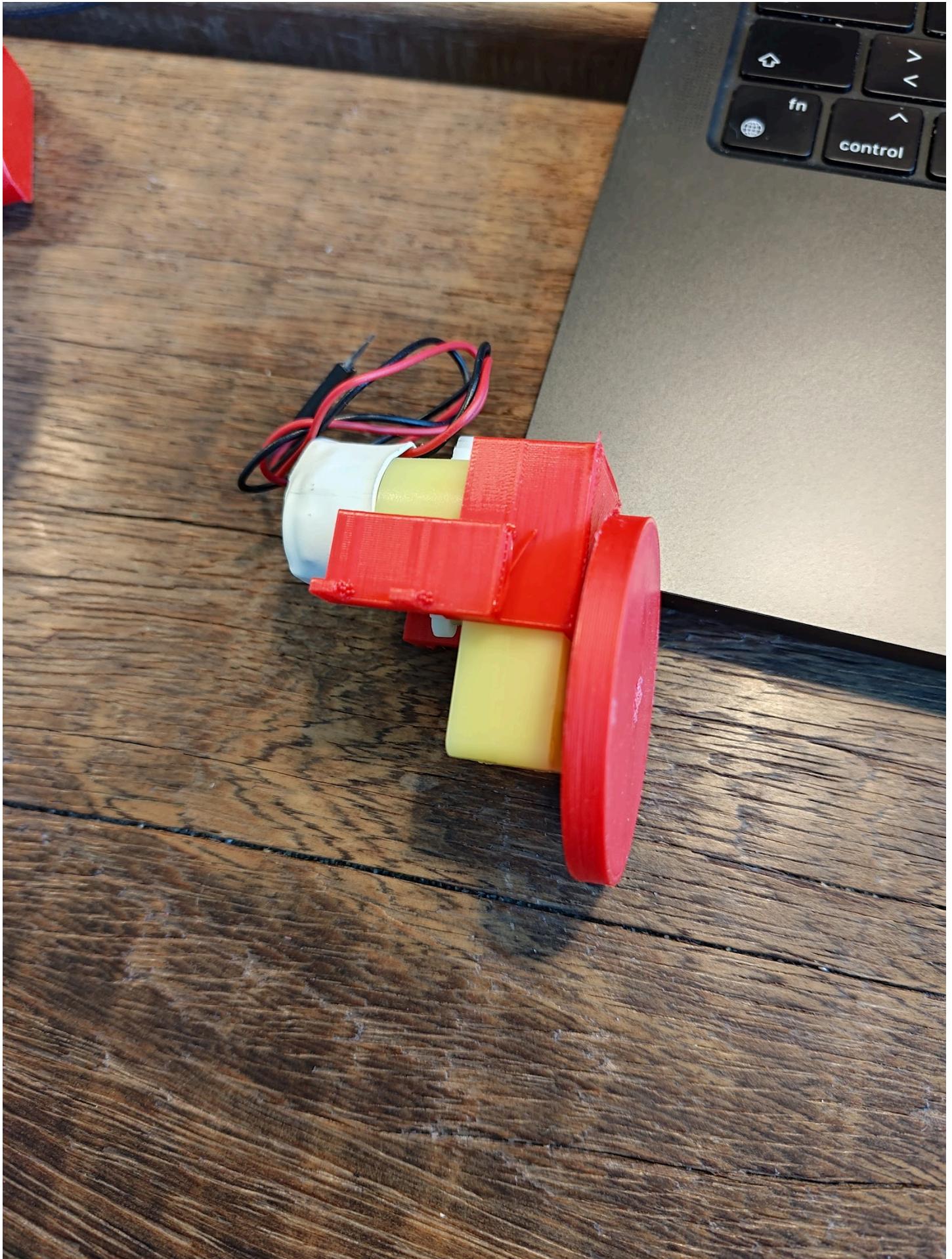
We unfortunately did not have time to laser cut the base.

But you can see the design above.

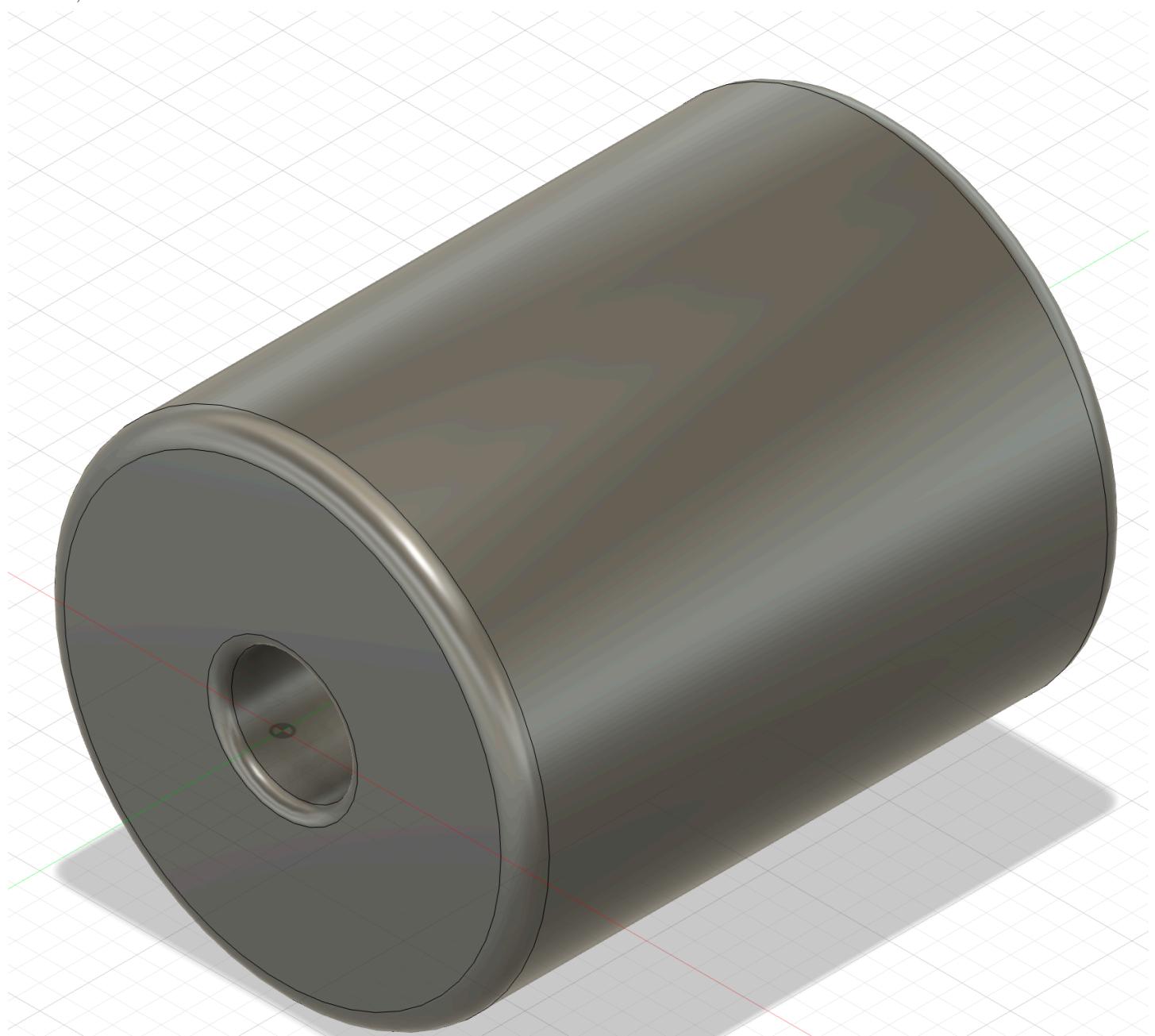
3. Wheel Design

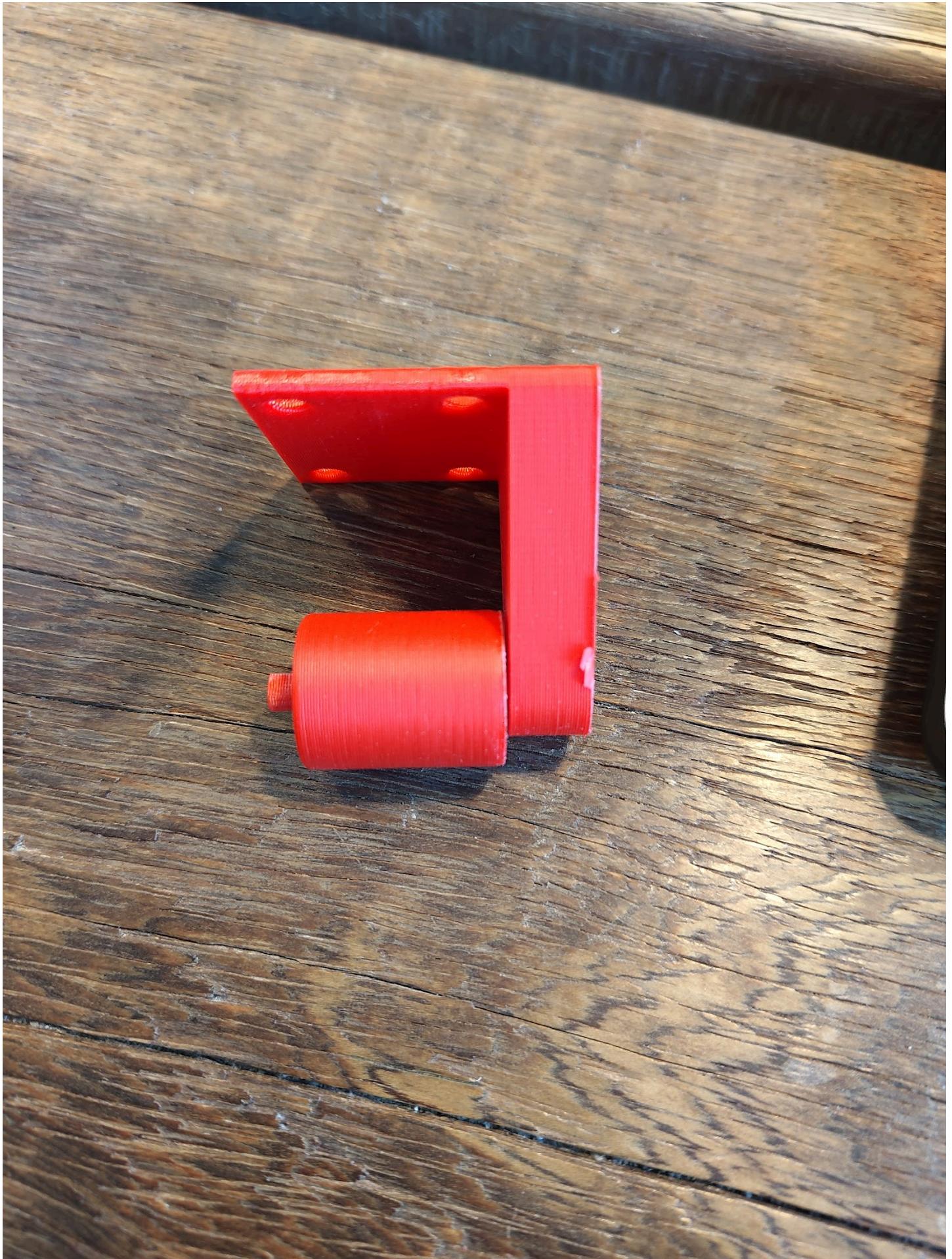
The rear wheels are the same as in MA2:





We wanted to have fun with the front wheel, so we designed it as a drum wheel:





You can see them in more details by following the links below:

- [Rear wheel](#)

- Front wheel

4. Robot Assembly

Was shown in [1. Base Design](#).

5. Technical Drawing

Here is the technical drawing with the basic dimensions of the robot assembly

