

7156 Wolves Robotics Pupppack 25-26 Decode



Meet us as members!

I am Aj and I liked learning how to build and 3D print robotic parts

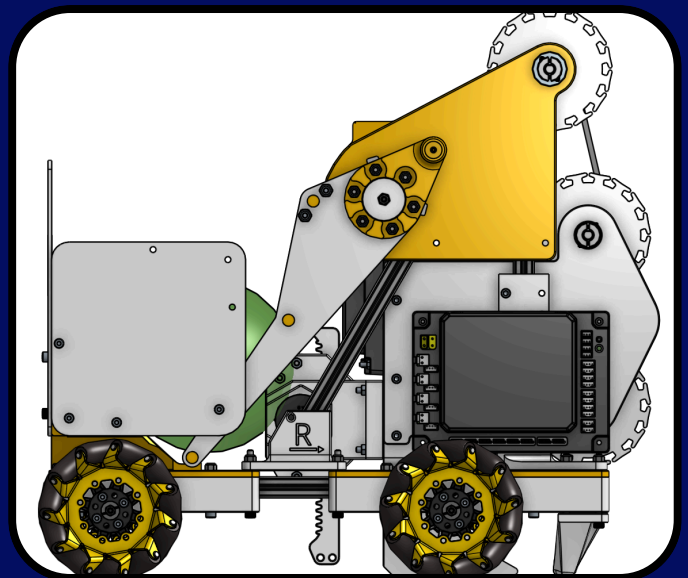
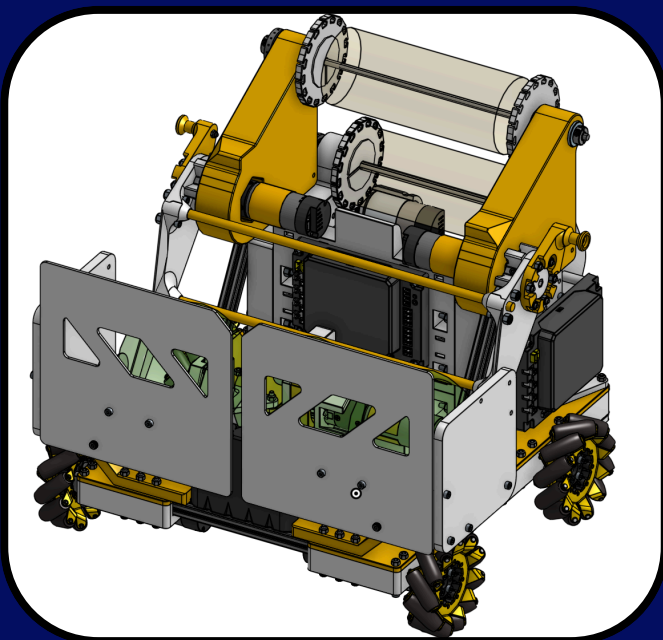
I am Zayden and my favorite thing was Test, Fix, Improve the robot to make it ready for the competition.

I'm Jackson. I like putting pieces together and watching the robot come to life.

I'm Isaac and I loves to code and build things whether it's software, tools, or hands on projects.

How does it work

The design is for the ball to get pulled into the robot rubber band start spinning pulling up the thing that is holding the balls launching it.



Possible revisions to the robot

We could have make the shooting more accurate and have the robot organize the balls in a certain order

We could have made different modes of speed for the launcher so if we were really close it wouldn't get sent as far.

Club Fiances

Currently we are going off last years club funding and are looking for new sponsors.

We use our booster club as it allows us to bypass the school's P.O system and use funds faster

Hardware

Since we are new members and don't have a lot of time or experience, we decided to use the Robonauts Everybot design. We wanted a robot that already works so we could learn about the game better and see what parts are useful, and figure out what we might want to improve ourselves.

This robot has a main frame with metal rods screwed in. Most of the parts are 3D printed. It uses rubber bands to pull things in, and they work well because they can stretch. The robot shoots all three pieces at once using a catapult.