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team-paragon.org

TEAM PARAGON ROBOTICS

CHARGED UP

SM

PRESENTED BY



Gene Haas Foundation

MID-SEASON 2023

After many weeks of long hours and hard work, our robot is nearing completion. And just in time for our first competition! From March 17-18 we will be at Western New England University in Springfield, MA, testing the limits of our latest robot. It is open to the public, so you are encouraged to stop by and watch a match. Competitions will take place beginning at 10am on Friday and Saturday.



Programming Update

In Programming, we have several seniors and two under-classman who are being trained up to lead the way next year.



They started by dividing into task forces and creating reusable code for future use. Now that the competition robot is mostly completed, the robot is being tested.



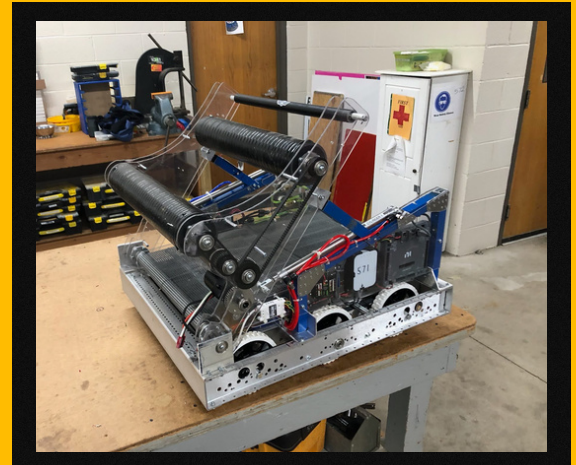
The code has been tweaked and retuned, and we've gathered feedback from the drivers on possible enhancements. We are close to completion, but there is always room for improvement.



Build Update

In the Build area, we began at the beginning of the season by building a prototype of the robot to determine the best design for various aspects of the robot. Now over the past 2 months the competition robot has been constructed. There are only a few last minute details we are working on. Some of the design struggles we've had to overcome are that there are many parts that need to fit together in a way that doesn't interfere with the conveyor or a movable arm.

We previously built a practice game floor for various elements to allow the drive team to practice driving the robot. Since we are so close to our first competition we have been putting extra effort into getting our drivers on the field practicing.



Upcoming Competitions:

March 17-18: WNE, Springfield, MA
April 1-2: Hartford High School, CT

