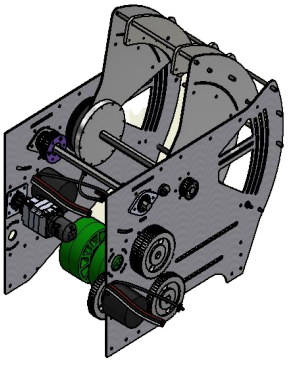
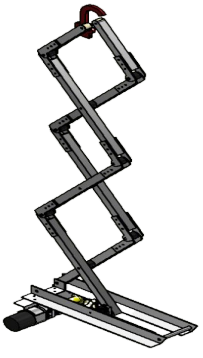
FIRST Team 20
The Rocketeers

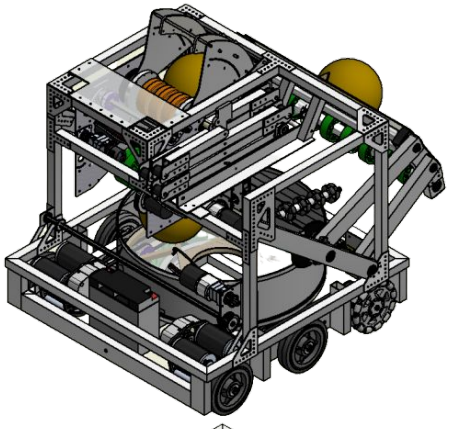


KANE



General

- 113 lbs (weight?)
- Around 27” tall
- Programmed in Java

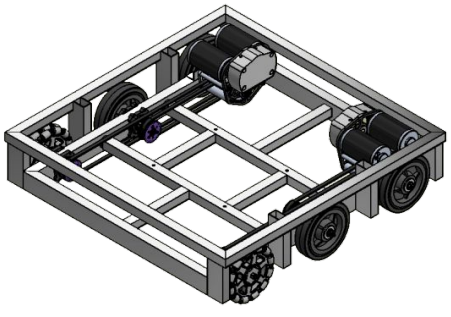


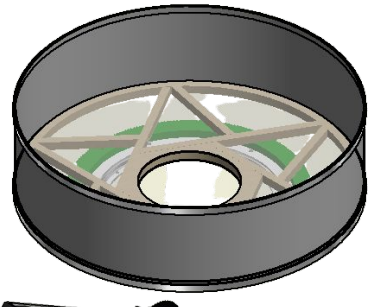
Drivetrain

- 4 Colson, 2 Omni
- WCP 3 Stage Flipped Single Speed Gearbox
- (Max Speed?)
- (Pushing Ability?, don’t know if we have a metric)

Shooter

- 50° Adjustable Hood
- Powered by 2 Neo Motors
- 4” Flywheel
- 2 inertia wheels
- Up to 12000 RPM (maybe?)
- Shoot from all places in trench (i think, but we still need to test)
- Score in the higher Power Ports
- Limelight auto targeting (m?)



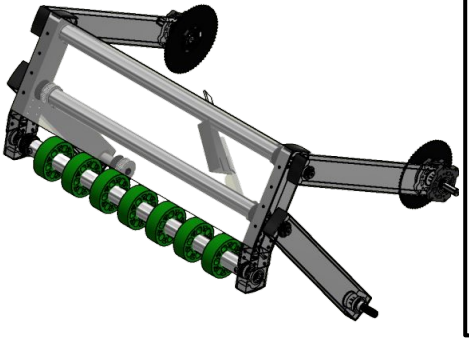


Intake & Storage

- 4 Bar folding intake
- Balls go over the bumper
- 3 VersaRollers with complaint wheels on bottom roller and rubber tubing on others
- Powered by a Neo Motor and a 775 pro (did we end with 2 neo?)
- 21 ¾” wide

Climber

- 4 Part Scissor lift
- 1 Hook
- Extends to _’_”
- Can climb anywhere on the bar
- (Slippage?)
- (Speed?)



Capabilities

- Autonomous (# shots and location)