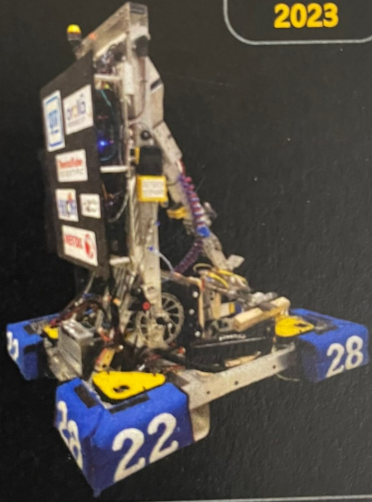




**COUGARTECH**  
FIRST TEAM 2228

**2023**



**Our Robot: Pi**

### Statistics

- Size: 28 x 32 x 44
- Weight: 105 lbs
- Robot Arm: Telescopic
- Swerve Drive
- 10 Falcon 500 motors
- Pigeon inertial measurement unit

### Teleoperation

- Acquires from substation or ground
- Can score all cone tiers
- Can score cubes

### Autonomous

- 3 possible auto start positions
- Scores cone on high tier, gets cube, pushes into hybrid zone
- Docks in autonomous

### End Game

Charge Station: Engaged