



CougarTech 2228



Our Robot:



XI

Xi

Autonomous

- Shoot 3
- Move Off Line
- Gather 2 Power Cells from Trench

Tele-op

- 25 Power cells per match
- Collect cells off field
- Shoot into upper ports
- Control panel rotation & Color wheel
- Hold 5 power cells
- Drives under trench

End game

- Climb at all positions

Specifications

- Size: 31.5" x 28" x 27"
- Total Weight: 145 lbs.
- 4 CIM, Talon SRX powered
- 6 Pneumatic Wheel Drive
- Raspberry Pi camera processing.
- Lidar auto calculate speed for high port
- Pigeon IMU

2020

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