CougarTech 2228

Our Robot: Russ

Specifications

- Size: 30" x 29.5" x 35"
- Weight: 109 lbs
- Speed: 11 Feet/Sec
- 4 CIM, SRX powered
- 6 Pneumatic Wheel Drive
- VEX WCP SS gearbox

- Raspberry Pi vision processing automatic hatch placement; Pigeon IMU;
- Independent hatch alignment mechanism from drive base

Sandstorm
- Drive off 2nd platform
- Vision based hatch placement

Tele-op
- Cycle time – 13 sec (8 per Match)
- Place lower hatches
- Vision based hatch placement

End game
- 3rd level climb (12 sec)
- 2nd level climb (5 sec)

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