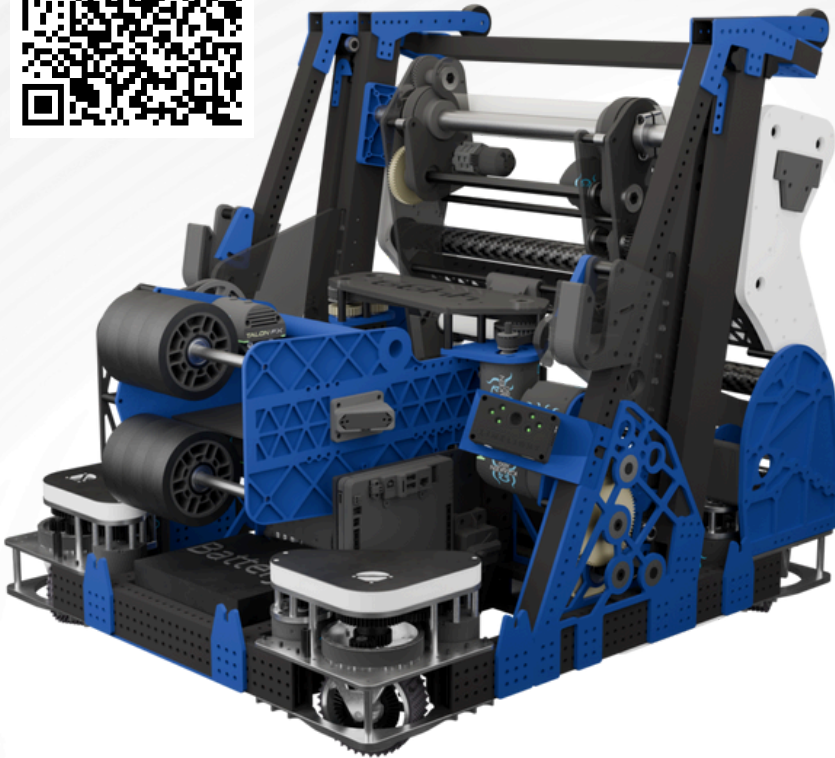




More Info



Robot Details

General Specifications

Weight	123 lbs
Retracted Height	27"
Full Height	48"
Width	25"
Length	29"
Drive Train	SDS MK4i L2.5
Speed	19 ft/sec

Robot Type

Fast cycle bot that can pick up and shoot notes from all over the field, score in the amp, climb onto the stage at the end of the match, and score in the trap.

Intake

- Roller intake with silicon covered carbon fiber tubes
- Made from 2 sandwiched UHMW plates
- Ground intake for notes
- Over the bumper intake

Trap/Amp Mechanism

- Rotating arm on an elevator
- Can securely hold note between silicon covered carbon tubes
- Can score in both the trap and amp
- One stage elevator that can extend 48 inches high

Shooter

- Auto targeting
- Read April tags
- Powered by 2 Krakens geared up using a 1.86 to 1
- 100 ft/second exit velocity

Autonomous

- 5 piece - Preload, 3 spike marks, and center line
- 3 piece - Preload, 2 from center
- Custom Path generation