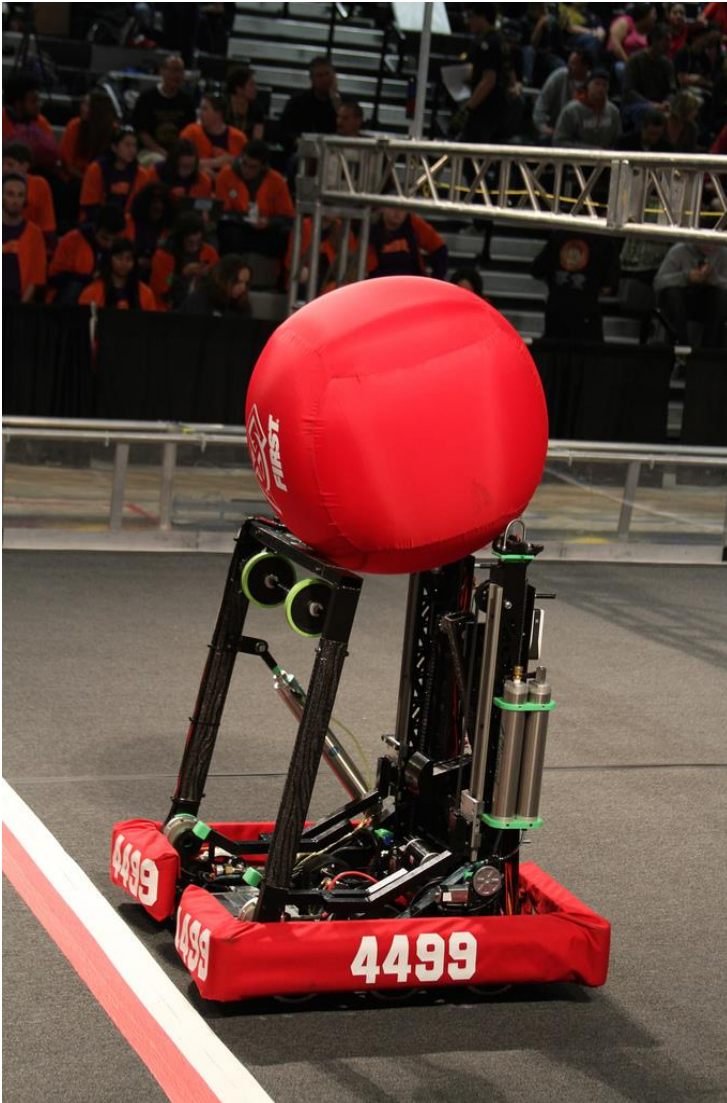


Team 4499 The Highlanders

Robot Spec Sheet

Introducing ... **Quasar**



Robot Details

Intake Mechanism

Using 2 Banas Bots 4 inch Wheels
Adjustable pneumatic arm

Shooting Mechanism

Weighted kicking arm
Variable arc with platform assembly
Range approx. 14 feet

Drive Train

6-wheeled 2-speed tank drive:
Hi: 15 ft./s Lo: 6 ft./s

Robot Specifications

Weight: 118 lbs
Height: 3ft 5"

Special Details

Parts of intake Arm, electronics board and kicker made out of Carbon Fiber - made by the team.
Most spacers, custom sensor fittings and camera mount made from our 3D Printer.

Autonomous

1 Ball in HOT High Goal and mobility OR 2 ball in high goal (1 hot) and mobility