



TEAM 368
KIKA MANA
PRESENTS



RoyBot

// DRIVE

- Long Chassis Frame
- 10 Wheel High Traction Drive, 4 motors
- 2-speed Automatic Transmission
- Encoder Feedback

// SHOOTER

- Range: fender, key, half-court
- Encoder Feedback (set speeds)
- Revolvable Turret
- Powered by 2 FPs, 1 Banebot

// COLLECTOR

- Wide Ball Intake
- Pneumatically Retracts
- Powered by a Banebot motor

// FEATURES

- Bridge Arm (powered by a Van Door motor)
- Autonomously shoot two balls at high basket
- Ball Transport (store balls and prevents jamming)
- AXIS Camera (for aiming)

