



Miracle Workerz



TO: FIRST ROBOTICS COMPETITION COMPETITORS

FROM: TEAM #365, *MOE & The MIRACLE WORKERZ*

ROBOT DESCRIPTION (MOEbuis - our 2005 Miracle Of Engineering)

MOEbuis is a bright green robot designed to obtain tetras from Human Player, Auto Load Station, or the floor, store them on it's back (if necessary) and cap any goal to score points.



KEY FEATURES

1. Ability to carry, lift, and stack up to 4 tetras at once
2. Ability to grab tetras from floor, Human Player, or auto loading station
3. Rotating arm provides ability to cap at any angle to goal
4. Tetra captured on gripper lift so it cannot fall off
5. Extremely low center of gravity (finally!)
6. High speed lifting capability
7. Track drive for exceptional maneuverability
8. Ability to climb over goal bases (for end zone space at end of match)

HOW WE CAN ENHANCE YOUR STRATEGY

- We have multiple autonomous routines from any robot starting position with and without alliance starting tetra
- MOEbuis can store up to four (4) tetras on it's back and stack them all in one motion.
- Our arm was designed for simple and fast motion. We can stack tetras quickly and effectively.
- We have a well-trained scouting team to bring you up-to-the-minute match info
- Great experience in qualification & elimination round strategizing
- Excellent pit crew that can rebuild our robot or assist your team as necessary
- Previous Regional Champions (Philly 2001), National Champs (Florida 2001), Regional Finalists (Annapolis 2003), and Championship Division Finalists (Atlanta 2004)