

ROLLING THUNDER TEAM 1511 PENFIELD, NY



FLR Chairman's Award Winners!

2007 Robot Description

Autonomous

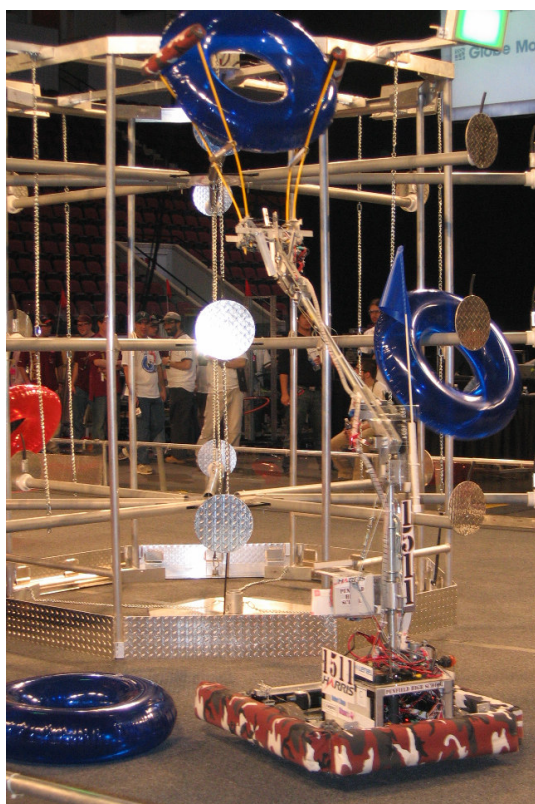
- Positions for Scoring
 - *Scores Ringer, Any Rung
 - Run Defense, several directions
 - Protect Scoring Team Members
- *In progress



Control Box



Drive Team

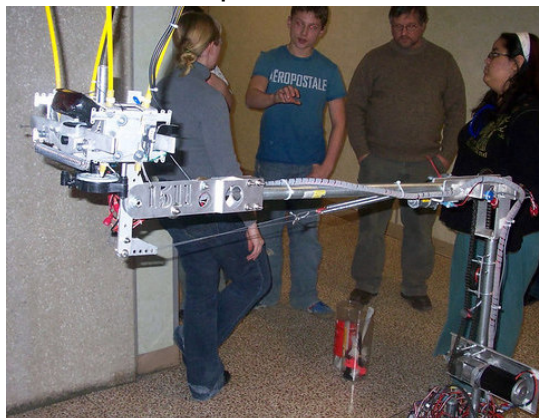


Drive Train

- Tank steering with six wheel drive
- 2 custom center traction wheels Kit Gearbox geared at 10 ft/sec
- 4 AM OmniWheels
- High Torque & high speed to push
- Highly maneuverable

Manipulator/Arm

- Lift: Large CIM AM Transmission
- Cabled Wrist: Window Motor
- Flexible Manipulator: Window Motor



Capabilities

- Can score on all 3 Levels
- Gets tubes from Floor
- Can Remove Tubes from all 3 Levels
- Excellent at climbing ramps
- Excellent at running Defense

Accomplishments:

- **2007 FLR Chairmans Award Winners !!**
- **2007 BOS 5th Seed & Quarterfinalists**
- **2007 BOS Team Spirit Award Winners!!**
- **2007 BOS 5th Seed**
- **Sponsor & Mentor for 15 FLL Teams**
- **Sponsor of Pre-Ship Scrimmages & RahChaCha Ruckus**

Finger Lakes Regional 3/8-3/10, Boston regional 3/22-3/24, Championships 4/12-4/14