

ROLLING THUNDER TEAM 1511 PENFIELD, NY



International Rookie All Stars

2006 Robot Description

Autonomous

- Shoots at center goal from starting position
- Drives forward and shoots at center goal
- *Drive to lower goal and dump balls
- Run Defense, several directions

*In progress



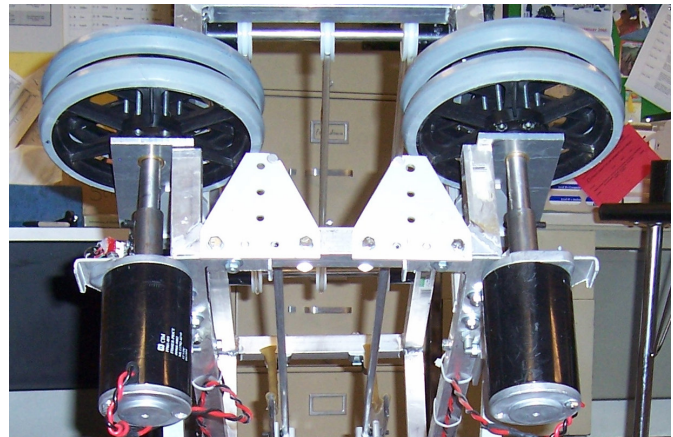
Autonomous Box



Drive Team

Shooter

- Driven by dual large CIM motors
- Shoots 12 meters per second, variable speed

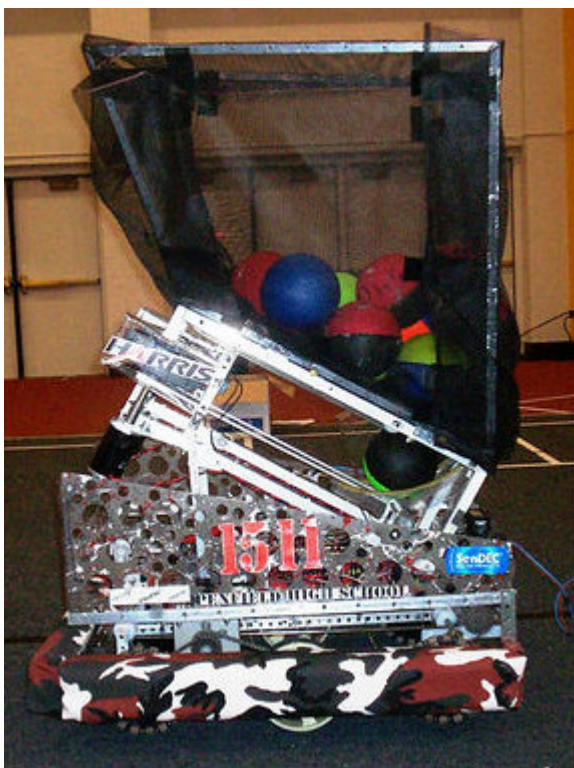


Capabilities

- Can score on Center Goal & Low Goal
- Can start with 10 balls & hold up to 40 balls
- Can be loaded from human player
- Excellent at climbing the ramp
- Excellent at running Defense

Accomplishments:

- **2006 FLR Engineering Inspiration Winners!**
- **2006 FLR Quarterfinalists**
- **2006 BOS Imagery Award Winners!!**
- **2005 International Rookie All Stars!**
- **2005 Greater Toronto Regional Champions!**
- **Sponsor of Pre-Ship Scrimmages & RahChaCha Ruckus**



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

Finger Lakes Regional 3/9-3/11, Boston regional 3/23-3/25, Championships 4/27-4/29