



Miracle Workerz



**TO: FIRST ROBOTICS COMPETITION COMPETITORS**  
**FROM: TEAM #365, MOE & The MIRACLE WORKERZ**

**ROBOT DESCRIPTION (CozMOE – our 2009 Miracle Of Engineering)**

CozMOE is a bright green and black robot designed to collect moon rocks from the floor or Payload Specialist and dump them into trailers using a powered roller on a turret with motor-controlled vanes. CozMOE also has a separate collection device for empty cells and multiple autonomous programs.



**KEY FEATURES**

1. Ability to collect moon rocks from floor or Payload Specialists
2. Storage capacity to hold as many as 35+ moon rocks
3. Turreted power shooter with over 180-degree range of motion and motor-controlled vanes
4. Targeting camera which can align turret with opposing trailers
5. Multiple autonomous modes from all three starting positions
6. 4 wheel drive with traction control
7. Separate device for collecting empty cells on the go

**HOW WE CAN ENHANCE YOUR STRATEGY**

- Have multiple autonomous routines from each robot starting position
- Very fast cycle time from moon rock collection to trailer scoring
- Ability to score from many different positions relative to opponent's trailer
- Have a well-trained scouting team to bring you up-to-the-minute match info
- Have great experience in qualification & elimination round strategy

**CONTACT INFORMATION**

Team Coordinator – John Larock – [John.A.Larock@usa.dupont.com](mailto:John.A.Larock@usa.dupont.com)  
Team Coach – Robert Dudek – [Robert.F.Dudek@usa.dupont.com](mailto:Robert.F.Dudek@usa.dupont.com)  
Team Strategist – Erin Lawler – [edlawler0321@comcast.net](mailto:edlawler0321@comcast.net)

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