



Cyclone Power Pullers

Iowa State University's 1/4 Scale Tractor Pulling Team

DECEMBER 2012 EDITION

Farm Progress Show

The Cyclone Power Pullers are proud to have participated in the 2012 Farm Progress Show, August 28, 29, & 30, with a total of seven tractors on display. On Thursday afternoon the Cyclone Power Pullers hosted an exhibition pull. Iowa State hosted the Badger Pullers from University Wisconsin—Madison. The team was pleased with the large crowd turnout and is looking forward to adding a similar event at the 2013 Farm Progress Show in Decatur, IL, hosted by the Illini Pullers.

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Above: Sponsors and parents enjoying the nice day and the pull.

Below: Alex Haight operating the sled with Brian McEvoy pulling the team's first tractor.



CYCLONE POWER PULLERS

IOWA STATE UNIVERSITY'S 1/4 SCALE TRACTOR PULLING TEAM

“Student sponsor interaction is one of my favorite experiences with the club” - Eli Peterson



Cat Day

Caterpillar recently hosted “CAT Day” beneath the Marston Water Tower on campus. All of the clubs that are sponsored by Caterpillar in the College of Engineering were able to display their products. Clubs took turns providing live demonstrations as well as letting both students and employees of Caterpillar operate their machinery. There was also an excavator simulator in addition to real-life Caterpillar equipment. This allowed students to be familiarize themselves with CAT’s equipment. This unique opportunity allowed club members to show first hand what they are capable of to some the recruiters that were present at the event. The team also had the opportunity to talk about the tractor to the Caterpillar Vice President of Earth-moving, Mr. Thomas Bluth.



From left to right: Mr. Thomas Bluth, Cody Brown, Josh Crouch, Eli Peterson, Donovan Bissell, and Conner Toennies.

Caterpillar representative Sheela Halbur test driving “Cymon Sez.”





Vermeer Open House

This fall the members of Cyclone Power Pullers were invited to Vermeer's open house in Ames. This opportunity allowed new club members to network with not only other clubs on campus, but with the previous team members and Vermeer Executives in attendance. Team members were also able to utilize the opportunity to help gather ideas and inputs for the design of the new A-Team Tractor.

Cymon Sez 2012 X-Team Overview

The Cyclone Power Pullers X-Team is in the middle of the redesign of the 2012 tractor "Cymon Sez." With a great design to start with, the team members are focusing on the details rather than having to worry about many big issues. Some of the major focal points include: increased rigidity of the operators station, stronger frame, upgraded brakes, and a sharper turning radius. Implementing these changes will give the X-Team an advantage in overall performance at the competition. With primarily freshmen on the X-Team, a large learning curve challenge was presented at the beginning of the year. After teaching the freshmen, this learning curve was able to be overcome. The team continues to strive for success and has a bright future for competition this summer.

2012 A-Team Overview

The A-Team this year is led by Alex Haight, a senior in Ag Engineering. Having an innovative and strong transmission, the "CyVT", that was developed last year, the team is now focusing on developing their own custom rear axle. Seeing how there were durability issues with the amount of torque being transferred through the differential and the final drives, this new design will help put the Cyclone Power Pullers above the competition this coming summer. The A-Team also faced the same learning curve challenge as the X-Team at the beginning of the school year. Having a design team consist of members who were primarily involved with the club just one year, there was a lot of new "young ideas." The younger engineers on the team have brought their ideas and enthusiasm to the A-Team keeping the Power Pullers tradition of innovation and pride alive.

"A younger design team provides a lot of new and innovative ideas" - Josh Crouch

“This semester has been a valuable and unique learning experience”

- Nick Price



Check us out of Facebook. Just search for Cyclone Power Pullers, and Click “Like” for updates & information

Sponsorship Pull

The Cyclone Power Pullers held their annual sponsor pull on Saturday October 13th. Due to having inclement weather, we were first forced to delay and then cancel the actual pull. However we were still able to have lunch with our attending sponsors and their families. Despite the bad weather, the event was still a success. We send special thank you to our sponsors for their patience with the changes in the weather.



Left: John Munsen of Standard Bearings testing out “Cymon Sez”

Right: Eli Peterson teaching a younger individual how to safely operate the 2006 tractor.



Sponsorship

It's never too late to become a sponsor of the Cyclone Power Pullers. Without loyal sponsors we would not be able to produce a tractor and compete at such a high level year in and year out. Donations of cash, parts, or supplies are always welcome. We need your help to make the Cyclone Power Pullers the international champs in 2013. Additionally we are looking to compile a more extensive email list for current updates and easier contact with all companies. Please email us at cyclonepowerpullers@gmail.com with all addresses you would like added to our list.

Officer Team

Title	Officer	Email
President.....	Brian McEvoy.....	bmcevoy09@gmail.com
Vice President.....	Jason Herbers.....	jherbers@iastate.edu
A Team Leader.....	Alex Haight.....	arhaight@iastate.edu
Treasurer and X-Team Leader	Connor Teonnies.....	c10yes@iastate.edu
X-Team Leader.....	Eli Peterson.....	cowboy@iastate.edu

Please contact one of these members with any questions about design, sponsorship, or anything else you may be wondering. Or email cyclonepowerpullers@gmail.com Thank You!

Sponsor Recognition

Current Full Pull Club Sponsors



QUALITY MANUFACTURING CORPORATION

Current Cyclone Club Sponsors



UTV HITCHWORKS ENGINEERING STUDENT COUNCIL

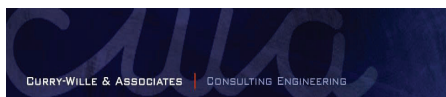
Current Gold Club Sponsors



DES MOINES NUT AND BOLT
DR. STUART BIRRELL
JOHN FREDRICKSON
THE HAIGHT FAMILY



Current Silver Club Sponsors



FARMERS COOPERATIVE CO.

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PATRICK ECKSTEIN

HUB CITY IMPLEMENT CO.

NISSAN FAMILY

THOMAS HALEY

JOHN MCCORMICK

CLINT RECKER

PETER HORNE SR.

MR. & MRS. STEVENSON

ISU DEPARTMENT OF AG. AND BIOSYSTEMS ENGINEERING



Support the Cyclone Power Pullers!

Our team is actively seeking new sponsors for the 2012—2013 school year. If it were not for those who support our team, we would not be able to continue participating in the annual ASABE 1/4 Scale Tractor Student Design Competition. Because of this, we recognize our supporters using the following criteria:

Full Pull Club Sponsor: Donations valued at greater than or equal to \$5000 will be recognized on the team display board in addition to those recognitions given to Cyclone Club Supporters.

Cyclone Club Sponsor: Donations valued at less than \$5000 but greater than \$1000 will be recognized on the team trailer in addition to those recognitions given to Gold Club Supporters.

Gold Club Sponsor: Donations valued at less than \$1000 but greater than or equal to \$500 will be recognized on the team t-shirt in addition to those recognitions given to Silver Club Supporters.

Silver Club Sponsor: Donations valued at less than \$500 but greater than or equal to \$100 will be recognized on the team website, in the team newsletters, and on the 2011 tractor.

Bronze Club Sponsor: Donations valued at less than \$100 will be recognized on our team website.

For more information:

cyclonepowerpullers@gmail.com or www.stuorg.iastate.edu/powerpullers

Team Mailing Address:

Cyclone Power Pullers

Iowa State University

100 Davidson Hall

Ames, IA 50011