



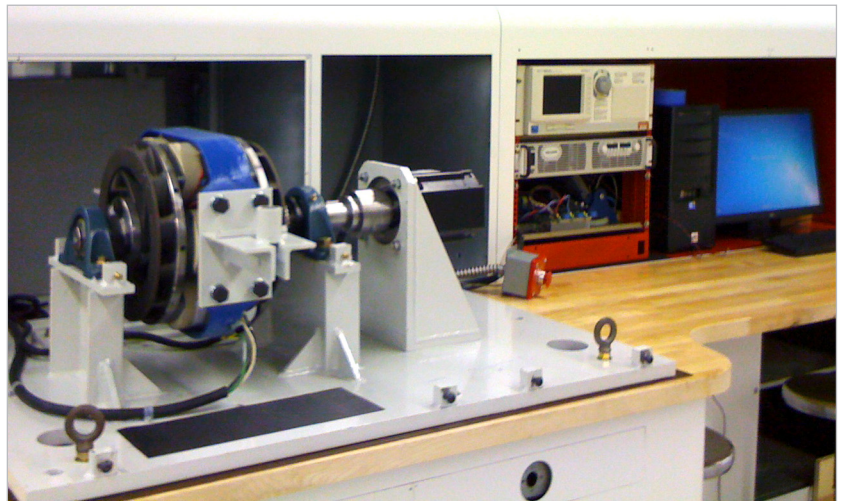
Mustang Advanced Engineering Teams With The Kettering University Green Mobility Lab To Delivering Three Specialized Test Stands For Electric Vehicle Systems Simulation.

Mustang Advanced Engineering recently delivered three specialized test stands to Kettering University to support the university's Green Mobility Lab located in Flint, Michigan.

The Kettering University Green Mobility Lab consists of three scaled-down full-electric vehicle systems coupled with state-of-the-art electrical power measurement equipment, ideal for the experimental study of electric drivetrains.

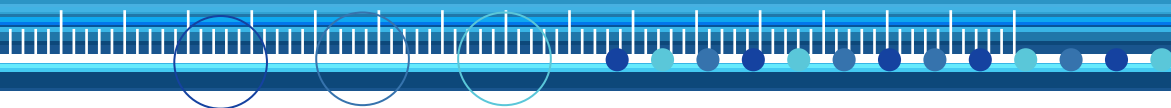
Each laboratory station was funded by the U.S. Department of Energy under the American Recovery & Reinvestment Act and consists of the following components:

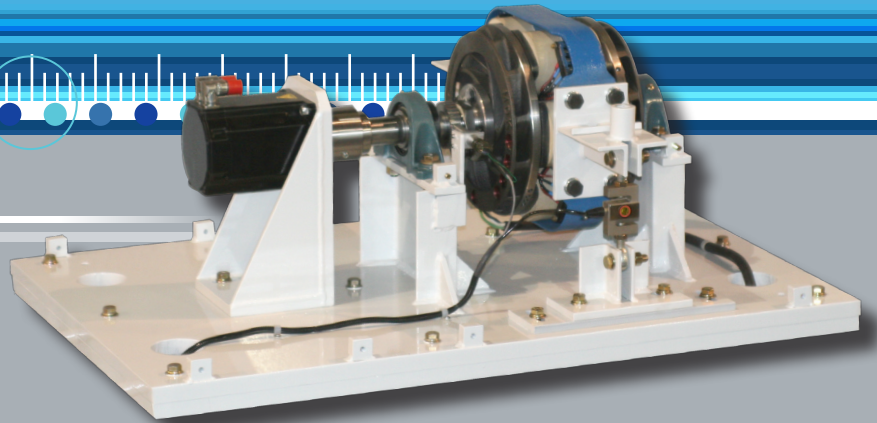
- A High-voltage, battery-simulating DC power supply from TDK-Lambda Americas Inc.
- A 3-phase variable-speed motor drive from Infineon Technologies
- A 18-hp Permanent-Magnet Synchronous Servo Motor from Kollmorgen Corp.
- An MDK-40 Eddy Current dynamometer, simulating vehicular driving resistances from Mustang Advanced Engineering
- Test stand fixturing from Mustang Advanced Engineering
- A WT-1600 digital power meter from Yokogawa Corporation of America
- Each of the three test stands is controlled via National Instruments LabVIEW, allowing easy modification of control software for laboratory experiments or research efforts.



The Green Mobility Lab allows students to investigate various interdisciplinary aspects of modern electric vehicles, such as the thermodynamics of semiconductor devices, control schemes of PWM motor drives, state-of-charge management of high-voltage vehicular batteries, and the system-wide optimization of electric vehicle drive trains operating over EPA drive cycles. Two new Electrical Engineering courses are being developed around this laboratory, as well as various research activities. The new laboratory is planned to be fully operational by Winter, 2011.

Steve Engelman, Director of Marketing and Business Development of MAE remarks that "Mustang is extremely proud to work with the engineering students and faculty at Kettering University on their Green Mobility Lab project. We are always excited to see what the students and faculty at these advanced technical schools are working on and the folks at Kettering are some of the nations best and brightest engineers. We look forward to seeing what new green technology is developed as a result of this project."





About MAE

Mustang Advanced Engineering is a leading provider of comprehensive testing solutions for the development and testing of engines, powertrain systems and complete vehicles. Founded in 1975, Mustang has long been a trusted source of expertise in measurement and testing technologies for the global industrial market. World-class product offerings, custom design support and technical assistance, backed by a dedicated factory service team, has positioned MAE among the global leaders in providing advanced testing solutions.

As a global leader in the design, manufacturing, and integration of advanced testing and measurement systems, MAE has delivered and continually supports literally thousands of test systems to virtually every corner of the globe.

Our mission is to achieve the highest possible level of customer satisfaction by providing innovative technical solutions and product designs and by striving to achieve perfection in product quality, delivery and service. At MAE, our customers are our highest priority - we do everything in our power to satisfy our customers. Our entire organization understands that the customer comes first and nothing else is more important.

To learn more about how MAE can help solve your most demanding testing challenges contact one of our sales engineers or visit www.mustangae.com.

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