



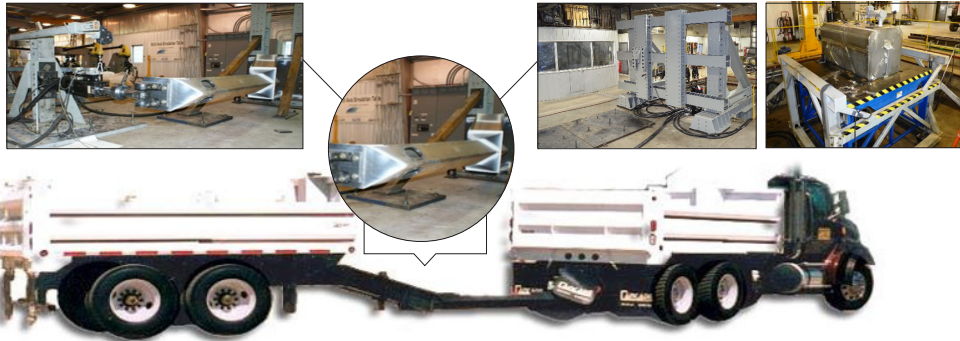
FlexTest® Digital Controller MultiAxial Simulation Table (MAST)

PAMI has some of the leading force and motion control testing equipment and software on the market. FlexTest® Digital Controller, developed by MTS®, defines and automates virtually any material, component, or structural test. Using this testing equipment, along with state-of-the-art software, to validate designs and test durability and performance ensures precise and accurate results.

STRUCTURAL DURABILITY & FATIGUE TESTING

Access an assortment of hydraulic actuators and an MTS FlexTest® controller for customized structural lab testing. With this test equipment, we have the ability to perform a broad range of test control options from simple square wave and sinusoidal inputs to full simulation of complex field data with up to four independently controlled actuators.

BUILD IT BETTER, FASTER, SAFER & STRONGER.



VIBRATION TESTING

Multi Axial Simulation Table (MAST) Test System

Field and road vibrations can be hard on equipment and electronics. Solve issues BEFORE they become a problem. Our MAST system is ideally suited for testing ground based vehicle or machine components to evaluate how they will respond to vibration anticipated during operation, or transit, and to verify how the product is expected to survive through its entire service life.

WHY DURABILITY TESTING?

- Prevents over-design and saves on unnecessary materials costs
- Improved product reliability reflected in increased customer satisfaction and fewer warranty claims
- Requires less time than field testing and gets products to market faster
- Permits testing of isolated components to measure performance without machine interference
- Independent of environmental factors and precisely repeatable allowing for direct comparison of competing designs
- An economical and convenient alternative to traditional methods
- Validates computer modeling and simulation



THERMOTRON
Electrodynamic
Shaker Test System



CUSTOM TEST STAND DEVELOPMENT

At PAMI, we believe in supporting innovation. We work directly with you to develop, design and build custom test stands needed to support unique configurations of custom hydraulic cylinders, power train components and other mechanical systems. It is our goal to work directly with our clients one-on-one to advance industry.



Orthogonal MAST System