

■ **Static and Dynamic Structural Validation**

Kratos SRE offers static and dynamic structural validation of component, sub-assembly, and full-scale structures for military, aerospace, and commercial applications. We have a large 35'x35' reaction floor and a 12'x12'x 12' reaction frame. Our comprehensive knowledge of load application, instrumentation, hydraulic control, metal and composite materials, and test design provides turnkey structural testing services for simple proof testing or complex analytical validations

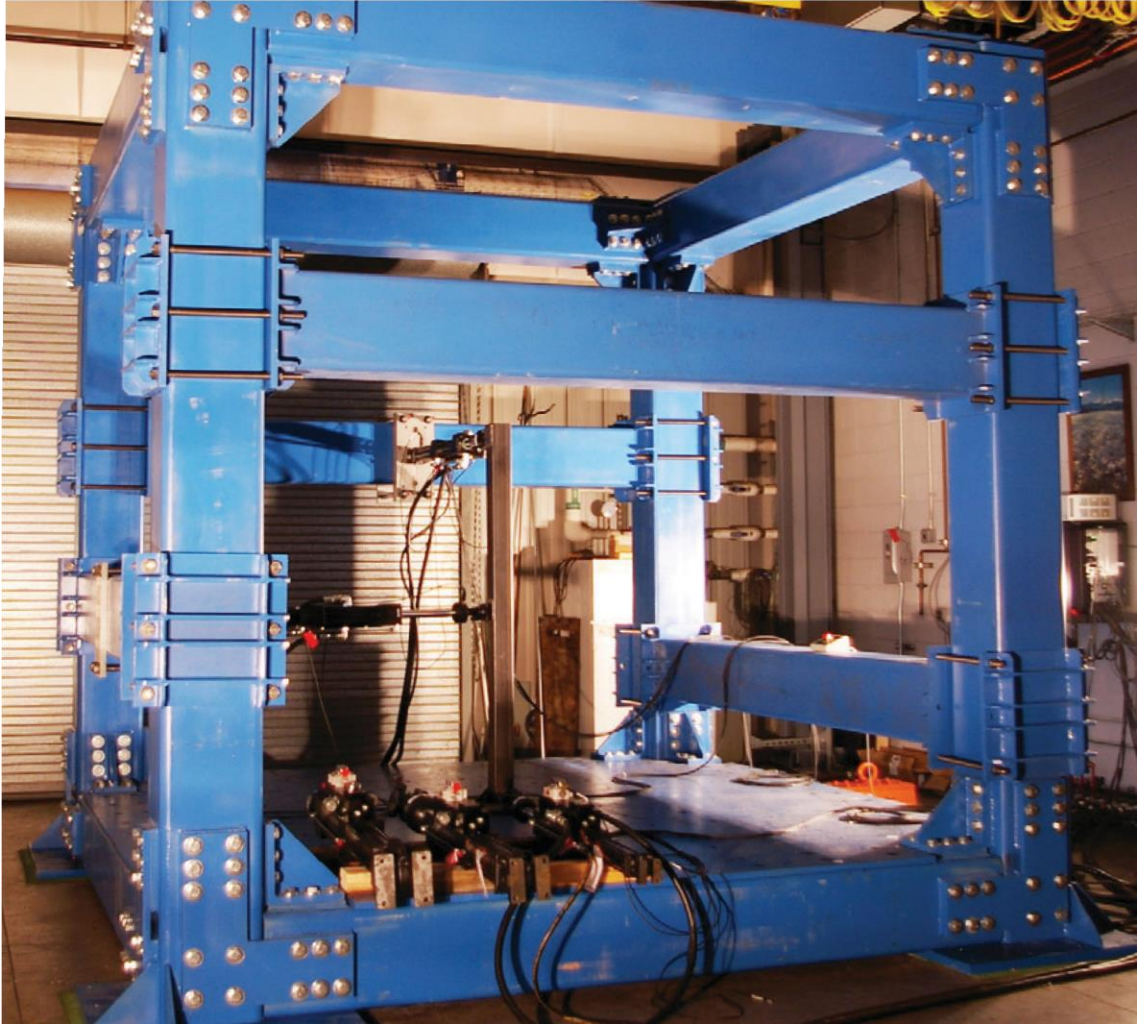
■ **Capabilities and Features**

- Multi-axis servo-hydraulic loading
 - › MTS actuators: 1 to 100 kip
 - › MTS FlexTest® 100 Control
 - › Static or dynamic (≤ 60 Hz)

- 35'x35' load reaction floor, 30' under crane
- 15-ton bridge crane hook
- 12'x12'x12' adaptable load frame
- >120 channels data acquisition
- Digital image correlation (DIC)
- Structural test planning and coordination
- Test fixture design and fabrication
- Specimen preparation and instrumentation
- Data reduction, analysis, and reporting

■ **Applications**

- Aerospace structures
- Automotive components
- Civil structures



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READY FOR WHAT'S NEXT™

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