

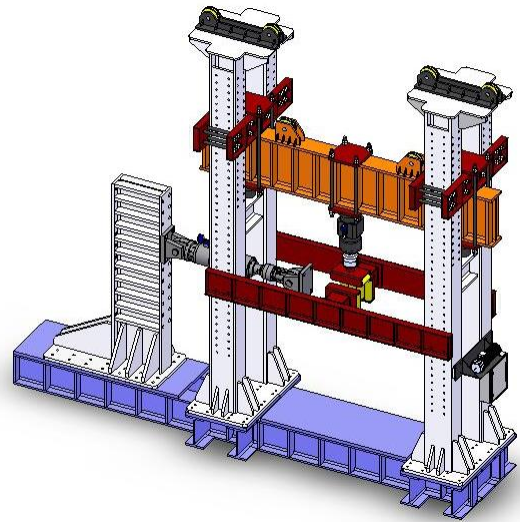
VZERO designs and supplies load frames to react the forces exerted by servoactuators in static and dynamic testing rigs. Their modular design allows the use of multiple configurations to adapt for different specimen geometries and testing needs.

APPLICATIONS

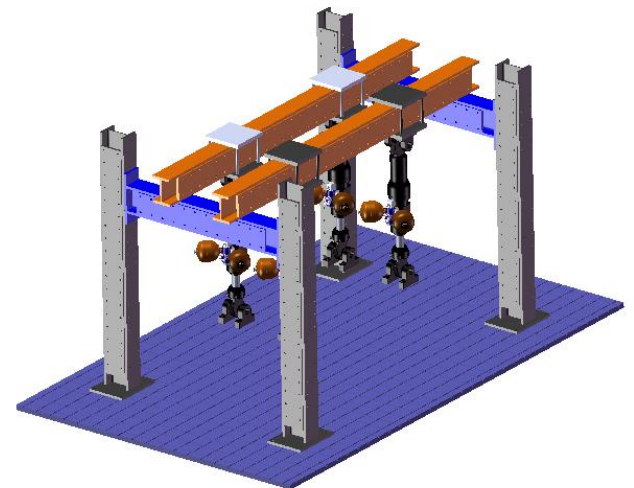
- Dynamic and static testing facilities
- Automotive industry
- Railway industry
- Aerospace industry
- Civil Engineering
- Research centres

KEY FEATURES

- Modular design. Multiple configurations
- Infinite life design. Fatigue rated
- Exhaustive static and dynamic FEM simulation
- Continuous or discrete height regulation
- Electrical height regulation on demand
- Different structural elements:
 - Pillars
 - Longitudinal and transversal beams
 - Reinforcement beams
 - Supports for horizontal servoactuators
 - Supports for oblique servoactuators
 - Design of tooling for specimen force application and installation on demand
- T-slotted plates of various thicknesses to install reaction frames and specimens under test.
- Standard and customized reaction frames



Shear wall static testing rig



Dynamic testing rig



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