



## MTS TestLine™ Solutions

### MOCOKIT® Universal Modular Construction Systems



#### Benefits:

- » Modular portal frames, reaction brackets & attachments
- » Engineered for easy mounting of test rig actuators and components
- » Easily re-configurable to meet changing needs
- » Integrate seamlessly with premium quality MTS standard products

MTS Systems Corporation has expanded its portfolio of modular TestLine system components to include MOCOKIT® Universal Modular Construction Systems.

MOCOKIT systems are flexible erector sets of beams, supports, brackets and attachments, engineered to facilitate easy mounting of actuators and components in unlimited component test rig configurations. Currently, the TestLine portfolio includes select portions of the MOCOKIT 65 kN and 250 kN offerings.

Flexible MOCOKIT portal frames and brackets integrate seamlessly with precision-engineered TestLine load-bearing

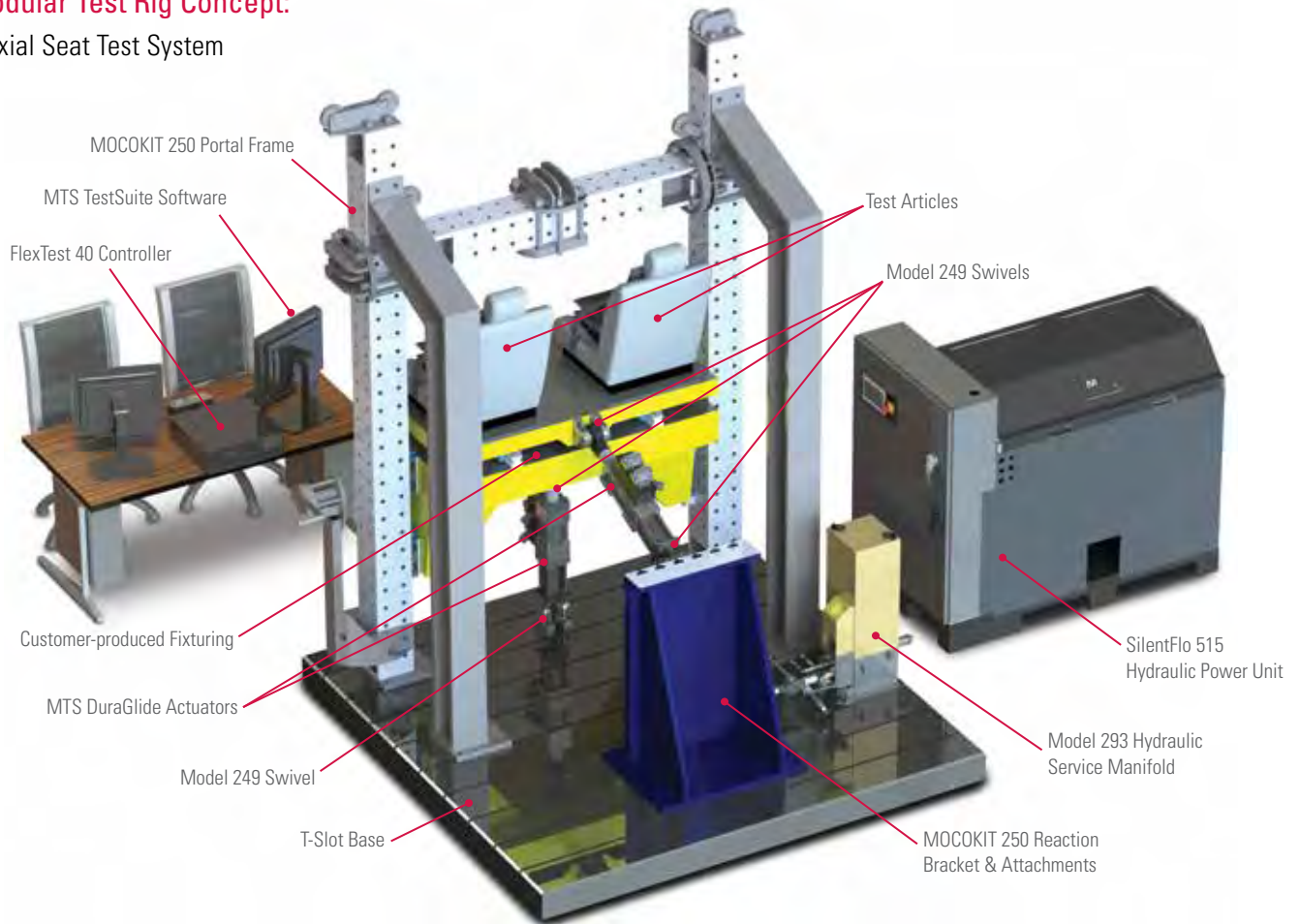
components and standard MTS actuators, load cells, controls and software to create cost-effective test systems that can be reconfigured efficiently as your needs change.

TestLine Solution configurations are as unlimited as your imagination. You supply the in-house design capability and application expertise, MTS provides the premium-quality rig components to help build your test solution right the first time. Contact MTS today and explore how TestLine Solutions can meet your evolving testing needs affordably and efficiently.

be certain.

# Modular Test Rig Concept:

## Biaxial Seat Test System



MTS TestLine Load Bearing Components



MTS Standard Products



## MOCOKIT 65

### 65 kN Portal Frames



Portal Frame  
46.8 kN dynamic max loads (65 kN static)  
Standard Beam  
width 59 in, max height 93 in



Portal Frame  
46.8 kN dynamic max loads (65 kN static)  
Standard Beam  
width 59 in, extended max height 110 in



Portal Frame  
46.8 kN dynamic max loads (65 kN static)  
300-degree Turning Beam  
width 63 in, max height 74 in



Portal Frame  
46.8 kN dynamic max loads (65 kN static)  
300-degree Turning Beam  
width 63 in, extended max height 93 in



Portal Frame  
46.8 kN dynamic max loads (65 kN static)  
Cross Beam  
width 82 in, max height 87 in



Portal Frame  
46.8 kN dynamic max loads (65 kN static)  
Cross Beam  
width 82 in, extended max height 104 in

### 65 kN Reaction Brackets



Universal Reaction Bracket with  
75 mm Vertical T-slot spacing  
width 24 in, height 21 in, depth 16 in



Universal Reaction Bracket with  
75 mm Vertical T-slot spacing  
width 30 in, height 41 in, depth 22 in

### 65 kN Actuator Attachments



Mounting Flange, Standard Beam,  
249xx, M25 & M70 Swivels



Reaction Bracket  
Adapter Plate

## MOCOKIT 250

### 250 kN Portal Frames



Portal Frame  
100 kN dynamic max loads (160 kN static)  
Standard Beam  
width 59 in, max height 88 in



Portal Frame  
100 kN dynamic max loads (160 kN static)  
Standard Beam  
width 59 in, extended max height 108 in



Portal Frame  
100 kN dynamic max loads (160 kN static)  
300-degree Turning Beam  
width 65 in, max height 65 in



Portal Frame  
100 kN dynamic max loads (160 kN static)  
300-degree Turning Beam  
width 65 in, extended max height 84 in



Portal Frame  
180 kN dynamic max loads (250 kN static)  
Cross Beam  
width 78 in, max height 80 in



Portal Frame  
180 kN dynamic max loads (250 kN static)  
Cross Beam  
width 78 in, max height 100 in

### 250 kN Reaction Brackets



Universal Reaction Bracket with  
100 mm Vertical T-slot spacing  
width 31 in, height 21 in, depth 21 in

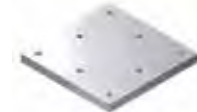


Universal Reaction Bracket with  
100 mm Vertical T-slot spacing  
width 31 in, height 41 in, depth 23 in

### 250 kN Actuator Attachments



Mounting Flange, Standard Beam,  
249xx, M70 & M160 Swivels



Reaction Bracket  
Adapter Plate



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ISO 9001 Certified QMS

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