

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.

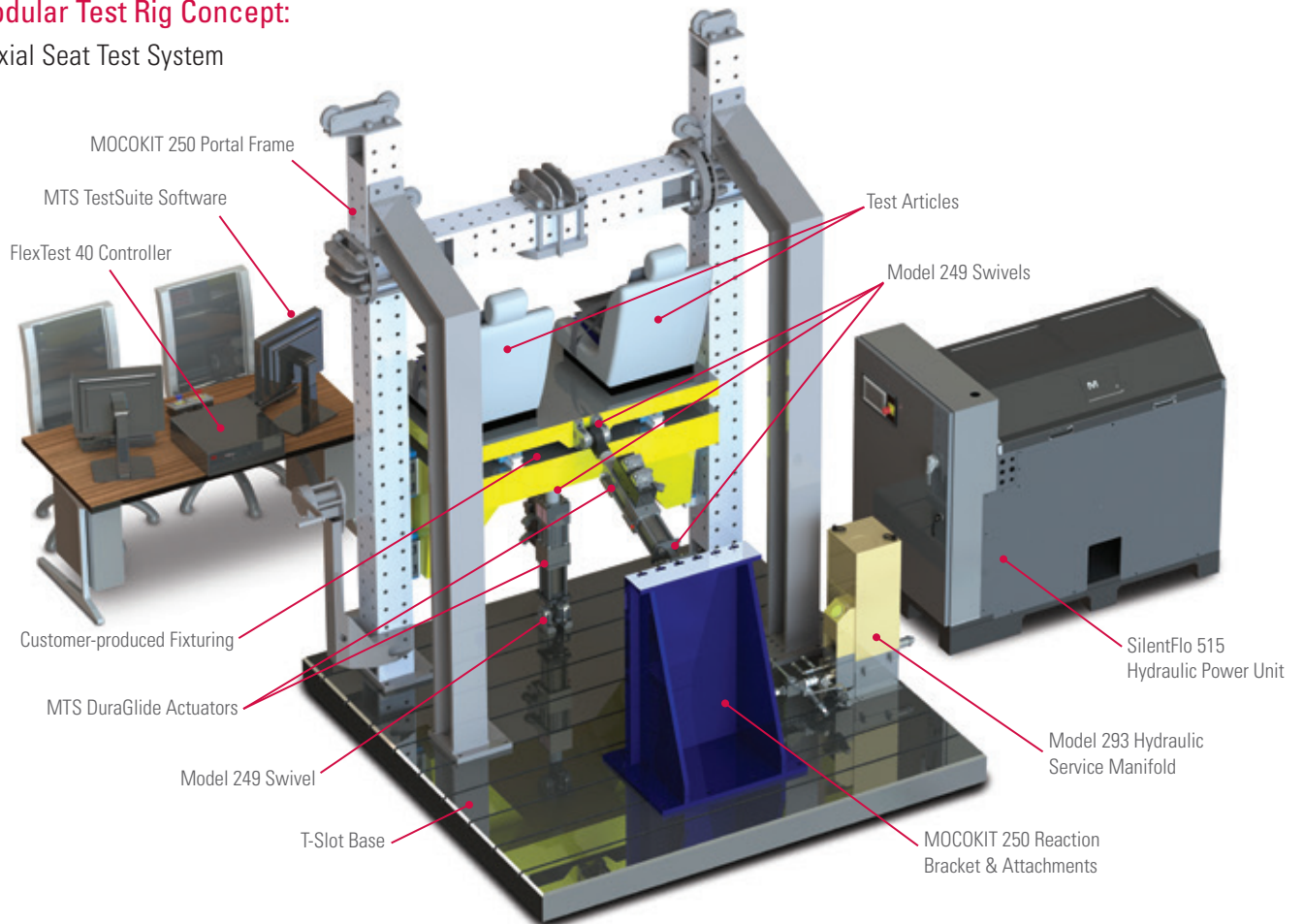
Flexible MOCOKIT portal frames and brackets integrate seamlessly with precision-engineered TestLine load-bearing

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.

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

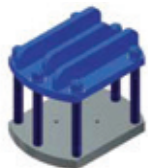


Universal Reaction Bracket with
75 mm Vertical T-slot spacing
width 24 in, height 21 in, depth 16 in



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

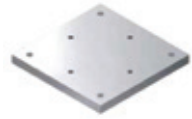


Universal Reaction Bracket with
100 mm Vertical T-slot spacing
width 31 in, height 41 in, depth 23 in

250 kN Actuator Attachments



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



Reaction Bracket
Adapter Plate



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