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 TestSuite Software
FlexTest 40 Controller
Model 249 Swivel
T-Slot Base
MTS DuraGlide Actuators
Model 249 Swivels
SilentFlo 515
Hydraulic Power Unit
Model 293 Hydraulic Service Manifold
MOCOKIT 250 Reaction Bracket & Attachments
MOCOKIT 250 Portal Frame
MTS TestLine Load Bearing Components
Customer-produced Fixturing
MTS Standard Products
MTS DuraGlide Linear Actuators
Model 249 Swivels
T-Slot Base
MOCOKIT 250 Reaction Bracket & Attachments
MTS TestLine Load Bearing Components
Flexible Struts
Bell Crank Assemblies
Linear Assemblies
Load Cells
Red End Spacer Assemblies
Red End Block Assemblies
Pillow Block Bearings
MOCOKIT 250 Portal Frame
Reaction Brackets & Attachments
MTS DuraGlide Linear Actuators
Model 249 Swivels
293 Hydraulic Service Manifold
MTS TestSuite Software
SilentFlo™ Hydraulic Power Units (HPU)
FlexTest® Controllers
MTS Application Software
Load Cells
MTS Standard Products

Modular Test Rig Concept:
Biaxial Seat Test System
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)
  - 300-degree Turning Beam
    - width 63 in, max height 74 in

- Portal Frame
  - 46.8 kN dynamic max loads (65 kN static)
  - Cross Beam
    - width 62 in, max height 87 in

**65 kN Reaction Brackets**

- Universal Reaction Bracket with 75 mm Vertical T-slot spacing
  - width 24 in, height 21 in, depth 16 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)
  - 300-degree Turning Beam
    - width 65 in, max height 85 in

- Portal Frame
  - 100 kN dynamic max loads (160 kN static)
  - Cross Beam
    - width 78 in, max height 80 in

**250 kN Reaction Brackets**

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

**250 kN Actuator Attachments**

- Mounting Flange, Standard Beam, 249xx, M70 & M160 Swivels
- Reaction Bracket Adapter Plate