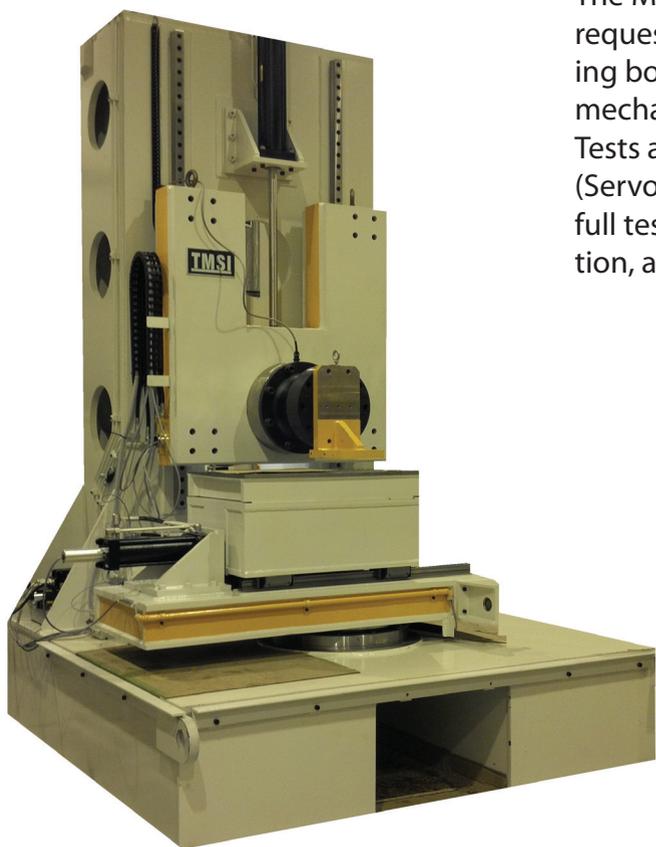




Multi-Function Load/Deflection Tire Test Machine

The Multi-Function Load/Deflection tire test machine applies a requested load or deflection to a test specimen while recording both the load and deflection data. The system consists of a mechanical load frame with servo-controlled movements. Tests are controlled by a TMSI Industrial PC Control System (ServoTrac), which is interlocked with the electric controls for full test automation and data acquisition, analysis, presentation, and archival.



High Quality Tire Measurements

- ◇ Radial Spring Rate
- ◇ Lateral Spring Rate
- ◇ Longitudinal Spring Rate
- ◇ Torsional Spring Rate

Options:

- ◇ Footprint Camera System
- ◇ Footprint Pressure Sensor
- ◇ Plunger Energy Test
- ◇ Bead Unseating Test
- ◇ Tire Profile Scanning System
- ◇ CE Compliant
- ◇ Built-in Hoist
- ◇ Flush Floor Installation

Technical Specification

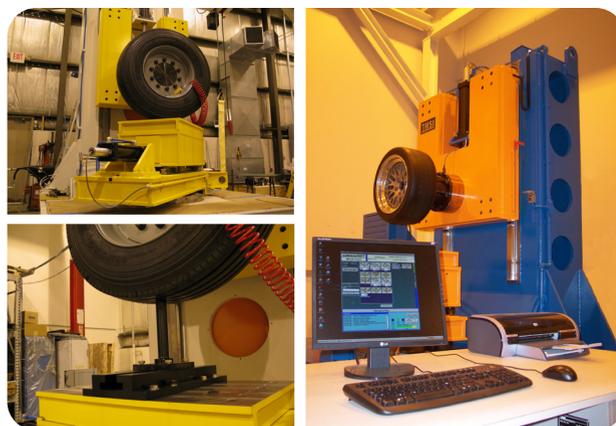
	PCR, LTR & TBR
Tire Diameter Range	420 ~ 1600 mm
Max. Section Width	460 mm
Min. Bead Diameter	300 mm
Max. Fz Load	111 kN
Max. Fx, Fy Load	53 kN
Max. Mz	9,000 Nm
Max. My	41,000 Nm
Max. Mx	82,000 Nm
Machine Footprint	2,413 x 2,534 mm

Note: Above specifications can be customized per customer request. Call our machine specialists for more information.

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