

MBT 7250 roller brake tester

The MBT 7250 Eurosystem roller brake tester is designed for the diagnostics of trucks with an axle load of up to 18,000kg, even in workshops with a very high vehicle throughput.

Its service and installation-friendly design features a maintenance flap, while a large sensing roller with a diameter of 100mm guarantees measurable coverage across all tyre dimensions. Measured values, difference and graphics are visualised on the monitor display and the ability to connect a Side Slip Tester (MINC II) Head Light Tester (MLT3000) Tachometer Tester (TPS II) Euro floor units means it can be expanded to a test-lane.

The MBT 7250's comprehensive package of functions for professional testing includes:

- Delayed automatic switch-on after entering the tester.
- Automatic start-up monitoring supplied as standard to avoid tyre damage.
- Automatic slip cut-off with pointer stop and automatic restart included as standard.
- Automatic exiting aid supplied as standard to enable the driven axles to conveniently exit the tester.
- Automatic cut-off after exiting the tester.
- Single-wheel switching for differentiated consideration of each wheel.

An optional, integrated roller set lift is also available for:

- Load simulation.
- Redistribution on the axle to be tested.

The MBT 7250's intuitive, easy-to-use Eurosystem software features a round instrument display for the braking forces, plus additional displays for difference, decelerations and optional scale and force sensors. It offers integrated user guidance via easy-to-understand user instructions and continuous graphic real-time display of all the measured values using the reference values time and force. A configurable test report with all the measurement and evaluation results of the tests performed is shown on a single print-out.

The Eurosystem software is supplied as standard with integrated SQL Server Express database and features a multi-user capability option for productive allocation of the individual work packages to several workstations. Additional devices such as the MLT 3000 can be easily connected. Other features include:

- Electronic temperature-compensated strain-gauge system for highly precise measurement results under all environmental conditions.

- Optional free plastic coating on the test rollers.
 - 32-bit microprocessor electronics for process control and monitoring of all the safety functions.
 - Lockable main switch.
 - Splash-proof motors for reliable performance in high-stress environments.
 - Weighted test rollers with groove ball bearings to ensure maximum precision, complete driving comfort and guarantee a long service life for the entire tester.
 - Rear roller elevated by 50mm to guarantee highly precise measurement results, particularly for trailer axles.
 - Internationally recognised TÜV certificate as per issue 9/2011 of the Verkehrsblatt (German Transport Gazette).
- For more information visit: www.maha.com.au

