

# MBT 7250 EUROSYSYSTEM

## BRAKE TESTING TECHNOLOGY



## MBT-SERIES

VP 410159

Roller-Brake-Tester up to 18000 kg axle load

### DESCRIPTION:

- ◆ Perfectly suited to lorry diagnostics, even with a very high vehicle throughput
- ◆ With the optionally available, integrated roller set lift:
  - For load simulation
  - For redistribution on an axle to be tested
  - No foundation modifications saves a substantial amount of structural effort
- ◆ Service and installation-friendly design with maintenance flap
- ◆ Large sensing roller with a diameter of 100 mm guarantees measurable coverage across all tyre dimensions
- ◆ Visualisation of measured values, difference and graphics on monitor display
- ◆ Test lane-enabled thanks to possibility of connecting MSD 3000 / MINC / TPS EURO floor units
- ◆ Comprehensive package of functions for professional testing, such as:
  - 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 already 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
- ◆ Intuitive-to-use EUROSYSYSTEM software for the highest expert standards with:
  - Round instrument display for the braking forces Additional displays for difference, decelerations, and optional scale and force sensors.
- Integrated user guidance with easy-to-understand user instructions
- Continuous and graphic real-time display of all the measured values using the reference values time and force.
- EUROSYSYSTEM supplied as standard with integrated SQL Server Express database
- Multi-user capability option for productive allocation of the individual work packages to several workstations.
- Easy to connect additional devices such as MLT 3000 to EUROSYSYSTEM
- Configurable test report with all the measurement and evaluation results of the tests performed on a single print-out
- ◆ Robust and long-lasting design due to:
  - Electronic, temperature-compensated strain gauge system for highly precise measurement results under all environmental conditions
  - Roller surface welded
  - 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
  - RS 232 interface connection
  - Splash-proof motors work reliably, even under high-stress environmental influences
  - Weighted test rollers with groove ball bearings ensure maximum precision and complete driving comfort and guarantee a long service life for the entire tester
  - Internationally recognised TÜV certificate as per issue 9/2011 of the Verkehrsblatt [German Transport Gazette]
  - Star-delta circuit to avoid high inrush currents
  - RS 2 roller set design with space-saving motor integration underneath the test rollers

## DESCRIPTION:

- Rear roller elevated by 50 mm – guarantees highly precise measurement results, particularly for trailer axles.
- Self-supporting divided roller set
- Varnished with high-quality powder coating, gentian blue RAL 5010

MCD 2000 communication desk:

- ♦ Robust and multifunctional metal casing
- ♦ Integrated switch cabinet for housing electronic components
- ♦ Lockable drawer for keypad and PC mouse, plus storage compartment for small items of equipment
- ♦ VESA standard bracket for holding the all-in-one PC or PC monitor
- ♦ Can be extended with optional PC storage compartment or side shelves
- ♦ Varnished with high-quality powder coating: window grey, RAL 7040 (switch cabinet) anthracite grey, RAL 7016 (side faces)
- ♦ Dimensions of communication desk (H x W x D) approx. 1230 x 860 x 350 mm with "printer compartment" option (H x W x D) approx. 1560 x 860 x 420 mm

## STANDARD DELIVERY:

- ♦ MCD 2000 communication desk with integrated switch cabinet
- ♦ MBT 7000 RS 2 roller set with preparation for weighing equipment

## TECHNICAL DATA:

Axle load (can be driven over)	18000 kg
Test speed	3 km/h
Roller length	1150 mm
Roller diameter	265 mm
Roller axle distance	475 mm
Motor power	2 x 11 kW
Fuse gG	63 A
Power supply	3/N/PE 400 V 50 Hz

## ACCESSORIES:

VZ 955278	Add-on Kit Directive 2011 Roller Brake Testers	VZ 935134	Rotating directions switchable via remote control
VZ 930066	Roller set up to 18 t axle load MBT 7000 RS 1	VZ 990181	Regulator module for 4WD, Visco
VZ 935201	Re-inforced roller set 20 t, 2 x 11 kW	VZ 935113	DC-Brake for MBT 4000/7000-Roller Sets
VZ 930028	Re-inforced roller set 20 t Motors 2 x 16 kW	VZ 990350	Special voltage 3x230V/50Hz
VZ 935145	Reinforced Gear Version for 11 kW Motors	VZ 950057	Simultaneous Display MSA T CLASSIC
VZ 930017	Extended rollers f. low-bed trailers, 1.6 m long	VZ 950058	Simultaneous Display MSA T VARIODATA
VZ 955016	Flush-Floor Roller Set for MBT 7000 RS.No. 2	VZ 950059	Simultaneous Display MSA T COMPETENCE
VZ 935143	Elevat. of rollers & sensor rollers MBT 7000	VZ 955252	Differential display for Simultaneous Display MSA
VZ 935141	Veh. weight-bearing roller cover plates MBT 7000	VZ 955253	Display module VARIODATA
VZ 935246	Angle iron install. frame RS 1 divided, galvanized	VZ 955254	LED-running letters (16 digits)
VZ 935263	Angle Iron Frame MBT 7000 RS 1 Surface Mounted	VZ 955269	Instal. kit to att. simultaneous display MSA to wall
VZ 935015	Angle Iron Frame for MBT 7000 RS. No. 2	VZ 955255	Wall holder for SimultaneousDisplay MSA
VZ 935151	Angle iron frame for divided roller	VZ 955270	Foot for Simultaneous Display MSA
VZ 935016	Angle Iron Frame MBT 7000 RS Nr.2	VZ 955271	Support f. simultaneous display MSA CLASSIC
VZ 935146	Angle iron frame for MBT 7000 RS 2 undivided	VZ 910047	Infrared Remote Control IFB3
VZ 935083	Low loader angle iron frame without pit	VZ 990050	Pedalforce Meter
VZ 935150	Low loader angle iron frame w/o pit, undivided	VP 990434	Pedalforce Meter PFM 1000
VZ 935115	Low loader angle iron frame with pit	VZ 955088	Key Switch for Emergency Stop
VZ 935153	Low loader angle iron frame with pit, divided	VZ 955045	Emergency Switch
VZ 935011	Center Cover between Roller Sets, for MBT 7000	VZ 955014	Working hour meter
VZ 930092	Set of Ramps for MBT 7000 RS 1	VZ 955080	Thermo-controlled heater f. electro-cabinet
VZ 930093	Drive-over ramps for MBT 7000 RS 1	VZ 980034	Pneumatic pressure converter
VZ 975547	Weighing device static MBT 4000/6000/7000	VZ 980035	Start set radio controlled pressure converter
VZ 975548	Weighing device static/dynamic	VZ 910154	Radio remote contr. FFB3
VZ 935077	Two Testing Speeds Manual	VZ 910156	Radio remote control/hand-held FFB3-FHT
VZ 935247	Two Different Test Speeds for 4WD Regulator Set	VZ 980029	Pneumatic radio-controlled pressure converter
VZ 935006	Roller Heating	VZ 985028	Hydraulic radio-controlled pressure converter
VZ 985061	MLS 1100 Load Simulator hydraulic	VZ 955071	Flashing Light with Periodical Signal Horn
VZ 985052	Hydr. load simulator double HD cylinder	VZ 990090	Warning Lamp for Radio-Control
VZ 985018	Hydr. load simulator MLS 2150	VZ 911275	Software EUROSYSYSTEM
VZ 985053	Hydr. load simulator double HD cyl. MLS 2200	VZ 911276	Soft. mod EUROSYSYSTEM Multiuser capable
VZ 985054	Hydr. load simulator double HD cyl. MSL 2300	VZ 912030	Connection Module for Equipment
VZ 935251	MLS Operation via Radio Remote Control	VZ 911045	Softw. for comm. softw. netw. w. asanetwork
VZ 935194	Floor rails 4m f.Hydr.load sim.(foundation install)	VZ 911079	Software Package Brake Analysis
VZ 935195	Floor rails 4m f.Hydr.load sim.(w.fastening lugs)	VP 186050	MCD 2000 (without electronics)
VZ 935198	Lashing Straps for Hydr. Load Simulator	VZ 955273	Printer Shelf for MCD 2000
VZ 935199	Fastening set for hydr. load simulator	VZ 955274	Side Shelf for MCD 2000
VZ 935200	Fastening Clamps for Hydr. Load Simulator	VZ 955277	External PC Storage Shelf for MCD 2000
VZ 935264	Mechanical-Hydraulic Lifting of MBT 4000/7000 RS 2	VZ 910176	Industrial PC All-in-One
VZ 935169	Lifting of Roller MBT 7000 RS. No. 2/W	VZ 910177	Industrial PC Compact
VZ 935170	Angle iron frame for lifting of roller set	VZ 955275	PC-Holder for placement inside MCD 2000
VZ 935172	Angle iron frame f. lifting of roller set (Balzer pit)	VZ 910052	PC-Keyboard and Mouse
VZ 935238	Roller Set Lift MBT 7000 RS2/W w/o pit	VZ 910165	PC Flat Screen 22 inch (TFT Standard)
VP 935236	Floor Anchors Raisable RS Above-Ground	VZ 910192	Simultaneous Display Unit 40"
VP 935237	Floor Anchors Raisable RS In-Ground	VZ 955244	Rotatable & Folding Wall Holder for TFT
VZ 990201	Remote control of load sim. / roller set lifting	VZ 910193	HDMI Cable 5 m
VZ 935232	Adapter Set Continental CTC II	VZ 910179	HDMI Cable 15 m
VZ 935110	Plastic-Coated Roller Surface	VZ 910180	HDMI Cable
VZ 935072	Driving a. testing direction manually switchable	VZ 910181	HDMI-Splitter 4-Port

## ACCESSORIES:

VZ 910091	DIN A4 Ink Jet Colour Printer
VZ 955292	FTS 2016
VZ 955293	Docking Station for FTS 2016
VZ 955237	AP transm./receiver unit (indoor access point)
VZ 955287	Automatic license plate Recognition
VZ 955291	Distance Sensor for Licence Plate Recognition
VZ 955289	Full-HD Outdoor Network IP Camera
VM 999005	Hydraulic Oil (HLP-D 32) per litre
VM 995679	Montage Analog-, Digital-, Simultananzeige
VM 996114	Pre-assembly MBT 4000/5000/6000/7000
VM 996115	Connection and Calibrat. MBT 4000/5000/6000/7000
VW 997027	Packing installation frame for pit -Europe-
VW 997228	Packing installation frame for pit -overseas-
VW 997555	Packing brake tester IW4/IW7 -Europe-
VW 997556	Packing brake tester IW4/IW7 -overseas-
VW 997432	Packing load simulator -Europe-
VW 997222	Packing hydraulic load simulator -overseas-
VZ 997411	Extra charge f. connection of weighing system
VW 997262	Packing simultaneous display -Europe-
VW 997263	Packing simultaneous display -overseas-
VW 997472	Packing PC-Desk -Europe-
VW 997473	Packing PC-Desk -overseas-
VM 996055	Cable Form Extension 10m MBT4000-/7000-Series
VM 996056	Cable Form Extension 20m MBT4000-/7000-Series