

MBT 5250 EUROSYSYSTEM

BRAKE TESTING TECHNOLOGY



MBT-SERIES

VP 410136

Roller-Brake-Tester up to 18000 kg axle load

DESCRIPTION:

Above-ground roller brake tester for lorries with an axle load of up to 18 t

- ◆ Designed particularly for mobile roadside inspections.
- ◆ Due to the low drive-over height, can be flexibly used above-ground without any need for foundation work.
- ◆ Visualisation of measured values, difference and graphics on monitor display
- ◆ 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 coated in plastic
 - Optional, free welded 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
 - Star-delta circuit to avoid high inrush currents
 - Centre cover between the roller sets
 - Self-supporting divided roller set
 - Varnished with high-quality powder coating, gentian blue RAL 5010
 - Suitable for above-ground use only

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

DESCRIPTION:

- ◆ 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 5000 roller set with preparation for weighing equipment

TECHNICAL DATA:

Axle load (can be driven over)	18000 kg
Track width	750 mm - 3010 mm
Test speed	2.3 km/h
Roller length	1190 mm
Roller diameter	152 mm
Roller axle distance	450 mm
Motor power	2 x 11 kW
Fuse gG	63 A
Power supply	3/N/PE 400 V 0 Hz
Dimensions roller set (L x W x H)	4530 mm x 900 mm x 460 mm

ACCESSORIES:

VZ 935207	Set of Approach and Exit Ramps for MBT 5000	VZ 910180	HDMI Cable
VZ 935208	Drive-over ramps for MBT 5000	VZ 910181	HDMI-Splitter 4-Port
VZ 975658	Weighing device STATIC/ DYNAMIC MBT 5000	VZ 910091	DIN A4 Ink Jet Colour Printer
VZ 935234	Welded Roller Surface	VZ 955295	FTS 2018
VZ 935072	Driving a. testing direction manually switchable	VZ 955296	Docking Station for FTS 2018
VZ 935134	Rotating directions switchable via remote control	VZ 955287	Automatic license plate Recognition
VZ 935113	DC-Brake for MBT 4000/7000-Roller Sets	VZ 955291	Distance Sensor for Licence Plate Recognition
VZ 950057	Simultaneous Display MSA T CLASSIC	VZ 955289	Full-HD Outdoor Network IP Camera
VZ 950058	Simultaneous Display MSA T VARIODATA	VM 999005	Hydraulic Oil (HLP-D 32) per litre
VZ 950059	Simultaneous Display MSA T COMPETENCE	VM 995148	Routine Test/Calibration Truck
VZ 955252	Differential display for Simultaneous Display MSA	VM 995679	Montage Analog-, Digital-, Simultananzeige
VZ 955253	Display module VARIODATA	VM 996114	Pre-assembly MBT 4000/5000/6000/7000
VZ 955254	LED-running letters (16 digits)	VM 996115	Connection and Calibrat. MBT 4000/5000/6000/7000
VZ 955269	Instal. kit to att. simultaneous display MSA to wall	VW 997027	Packing installation frame for pit -Europe-
VZ 955255	Wall holder for SimultaneousDisplay MSA	VW 997228	Packing installation frame for pit -overseas-
VZ 955270	Foot for Simultaneous Display MSA	VW 997555	Packing brake tester MBT 4-/7000 -Europe-
VZ 955271	Support f. simultaneous display MSA CLASSIC	VW 997556	Packing brake tester MBT 4-/7000 -overseas-
VZ 910047	Infrared Remote Control IFB3	VZ 997411	Extra charge f. connection of weighing system
VZ 990050	Pedalforce Meter	VW 997262	Packing simultaneous display -Europe-
VP 990434	Pedalforce Meter PFM 1000	VW 997263	Packing simultaneous display -overseas-
VZ 955088	Key Switch for Emergency Stop	VW 997472	Packing PC-Desk -Europe-
VZ 955045	Emergency Switch	VW 997473	Packing PC-Desk -overseas-
VZ 955014	Working hour meter		
VZ 955080	Thermo-controlled heater f. electro-cabinet		
VZ 980034	Pneumatic pressure converter		
VZ 980035	Start set radio controlled pressure converter		
VZ 910154	Radio remote contr. FFB3		
VZ 910156	Radio remote control/hand-held FFB3-FHT		
VZ 980029	Pneumatic radio-controlled pressure converter		
VZ 985028	Hydraulic radio-controlled pressure converter		
VZ 955071	Flashing Light with Periodical Signal Horn		
VZ 990090	Warning Lamp for Radio-Control		
VZ 911275	Software EUROSISTEM		
VZ 911276	Soft. mod EUROSISTEM Multiuser capable		
VZ 912030	Connection Module for Equipment		
VZ 911045	Softw. for comm. softw. netw. w. asanetwork		
VZ 911079	Software Package Brake Analysis		
VP 186050	MCD 2000 (without electronics)		
VZ 955273	Printer Shelf for MCD 2000		
VZ 955274	Side Shelf for MCD 2000		
VZ 955277	External PC Storage Shelf for MCD 2000		
VZ 910176	Industrial PC All-in-One		
VZ 910177	Industrial PC Compact		
VZ 955275	PC-Holder for placement inside MCD 2000		
VZ 910052	PC-Keybaord and Mouse		
VZ 910165	PC Flat Screen 22 inch (TFT Standard)		
VZ 910192	Simultaneous Display Unit 40"		
VZ 955244	Rotatable & Folding Wall Holder for TFT		
VZ 910193	HDMI Cable 5 m		
VZ 910179	HDMI Cable 15 m		

