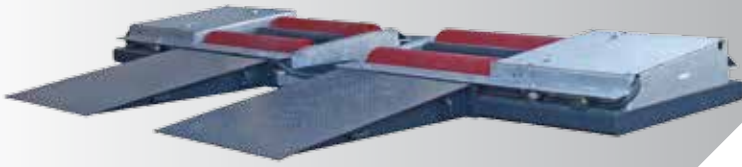


MBT 6200 LON W CLASSIC

BRAKE TESTING TECHNOLOGY



MBT-SERIES

VP 510008

Roller-Brake-Tester for tractors up to 18000 kg axle load

DESCRIPTION:

Roller brake tester, particularly for agricultural vehicles and special vehicles with an axle load of up to 18000 kg

- ♦ The large roller axle distance means it is designed particularly for agricultural vehicles or special vehicles with large wheel dimensions.
- ♦ The considerably elevated test rollers prevent the wheel from jamming on the frame, even when testing vehicles with low-pressure tyres
- ♦ DC brake supplied as standard makes it easier to drive on and off with the axle driven by the vehicle.
- ♦ Multi-analogue display with two pointer indicators (Diameter: 2 x 350 mm)
 - Measured value display 0 - 4 kN / 0 - 40 kNDisplay option for:
 - Brake tester
 - Wheel arch tester
 - Shock absorption tester
- ♦ Difference display (three-digit + LED bar) for displaying:
 - Difference in braking force in %
 - Difference in shock absorption in %
 - Deviation in wheel arch in m/km
 - Results evaluation using additional coloured LED bars
 - User guidance using alphanumeric display
- ♦ Program control using 32-bit microprocessor electronics enables the finest resolution for the measurement results
- ♦ Dimensions of display (H x W x D) 910 x 870 x 300 mm
- ♦ 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
- ♦ 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
 - Centre cover between the roller sets
 - RS 1 roller set design with motors on the side
 - 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

STANDARD DELIVERY:

- ◆ Analogue display with two pointer indicators and an integrated switch cabinet
- ◆ MBT 6000 RS 1 roller set with preparation for weighing equipment

TECHNICAL DATA:

Axle load (can be driven over)	18000 kg
Track width	400 mm - 3600 mm
Test speed	3 km/h
Roller length	1600 mm
Roller diameter	265 mm
Roller axle distance	685 mm
Motor power	2 x 11 kW
Fuse gG	63 A
Power supply	3/N/PE 400 V 50 Hz
Dimensions roller set (L x W x H)	5580 mm x 1340 mm x 370 mm

ACCESSORIES:

VZ 955278	Add-on Kit Directive 2011 Roller Brake Testers
VZ 935145	Reinforced Gear Version for 11 kW Motors
VZ 935239	Angle Steel Frame MBT 6000, Surface Mounted
VZ 935240	Installation Frame MBT 6000 Undivided
VZ 935241	Installation Frame MBT 6000 Weighing Mach., galv.
VZ 935242	Roller Cover for MBT 6000
VZ 930087	Set of Ramps MBT 6000
VZ 975547	Weighing device static MBT 4000/6000/7000
VZ 975548	Weighing device static/dynamic
VZ 935110	Plastic-Coated Roller Surface
VZ 935072	Driving a. testing direction manually switchable
VZ 935134	Rotating directions switchable via remote control
VZ 990350	Special voltage 3x230V/50Hz
VZ 955257	Foot for display cabinet 2 or 4
VZ 955256	Wall holder for Multi-analog display 2 or 4
VZ 950057	Simultaneous Display MSA T CLASSIC
VZ 950058	Simultaneous Display MSA T VARIODATA
VZ 950059	Simultaneous Display MSA T COMPETENCE
VZ 955252	Differential display for Simultaneous Display MSA
VZ 955253	Display module VARIODATA
VZ 955254	LED-running letters (16 digits)
VZ 955269	Instal. kit to att. simultaneous display MSA to wall
VZ 955255	Wall holder for Simultaneous Display MSA
VZ 955270	Foot for Simultaneous Display MSA
VZ 955271	Support f. simultaneous display MSA CLASSIC
VZ 950064	Display and Control Cabinet Installed Separately
VZ 910152	Data printer Thermoprint
VZ 910053	DIN A4 DOT Matrix printer
VZ 910153	Radio remote control RECO1
VZ 910047	Infrared Remote Control IFB3

VZ 990050	Pedalforce Meter
VP 990434	Pedalforce Meter PFM 1000
VZ 955088	Key Switch for Emergency Stop
VZ 955045	Emergency Switch
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 911264	Software LON Basic for external PC
VZ 911265	Software module LON Basic Plus
VZ 910140	USB/RS 232 converter for connection to PC
VZ 910176	Industrial PC All-in-One
VZ 910177	Industrial PC Compact
VZ 955275	PC-Holder for placement inside MCD 2000
VZ 910052	PC-Keyboard 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
VZ 910180	HDMI Cable
VZ 910181	HDMI-Splitter 4-Port
VZ 910091	DIN A4 Ink Jet Colour Printer
VZ 955295	FTS 2018
VZ 955296	Docking Station for FTS 2018
VZ 955237	AP transm./receiver unit (indoor access point)
VM 995148	Routine Test/Calibration Truck
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 MBT 4-/7000 -Europe-
VW 997556	Packing brake tester MBT 4-/7000 -overseas-
VZ 997411	Extra charge f. connection of weighing system
VW 997262	Packing simultaneous display -Europe-
VW 997263	Packing simultaneous display -overseas-