

# CYCLE BRAKE TESTER

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environmental



## STANDARD EQUIPMENT

**Brake Roller Bench**

**Control Cabinet**

**Test Control through Remote Control**

**Graphical and Numerical Displays**

**Automatic & Manual Start/Stop**

**Extensiometric Band System of Measurement**

**Welded Steel Coated Rollers**

**Software to test 4WD Vehicles**

**Manual Vehicle Weight Entry**

**Communication: USB/RS232/Ethernet**

The Cycle Brake Tester performs a quick and effective verification of the operating status of the brake controls in Quads, ATVs Tricycles and Motorcycles by accurately measuring the maximum braking in the front and rear axles, hand brake and existing ovality in the disc and drum of the brake system.

The Bench has independent motors to drive the rollers as well as incorporated safety systems that detect the presence of the vehicle during the entire test and the loss of adhesion of the wheels at the time of measurement.

Controls are operated through a computer or remote control with graphical and numerical data clearly displayed to ensure an efficient, effective test of the vehicle braking systems.

**Max Axle Load** 1 Tn.

**Motor** 2 x 4.6 kW

**Max Track Width** 1,670 mm

**Min Track Width** 150 mm



## TECHNICAL DATA

Maximum Axle Load	1 Tn.
Drive Motors	2 x 4.6 kW
Test Speed	6 km/h
Voltage	400 V 50/60Hz Threephasic
Protection Fuse	3 x 25 A
Thermal Protector	2 x 12.5 A
Maximum Track Width	1,670 mm
Minimum Track Width	150 mm
Roll Diameter	208 mm
Length of the Rollers	1,024 / 519 mm
Distance Between Centers	400 mm
Friction Coefficient	0.9 Dry / 0.7 Wet
Measurement Ranges	0-3.5 kN
Measurement Gap	10 N
Measurement Indication Error	1%

## DIMENSIONS

Bench Dimensions	1,980 x 1,025 x 285 mm
Packed Bench Dimensions	2,300 x 1,250 x 370 mm
Bench Weight	625 Kg
Packed Bench Weight	690 Kg

Cabinet Dimensions	570 x 480 x 1,360 mm
Packed Cabinet Dimensions	850 x 760 x 1,600 mm
Cabinet Weight	120 Kg
Packed Cabinet Weight	150 Kg

## OPTIONAL EQUIPMENT



Voltage Stabilizer

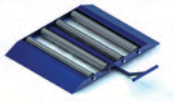


Rugged Tablet

Data Display Terminals



Wireless Pedal Dynamometer



Autoportable 4WD Rollers Set

Civil Works Frame (or Ramps)



Dynamometer Hand System



Pneumatic Platform Wheel Clamp



Synthetic Fiber Coated Rollers



Calibration Weight (6/10/30 kg)



Automatic Front Wheel Clamp

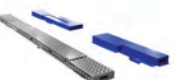
Duplicate Cabinet



Calibration Lever



Platform Roller Covers (2 Units)



Complete Line Foot Support



Computer/Print Equipment

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