

DESCRIPTION

Mobile Roller Brake Tester

The BM20200M is a mobile roller brake tester for both heavy and light vehicle inspections by accommodating an axle load up to 20,000 kg. The BM20200M features all options that are found in traditional in-ground roller brake testers.

The BM20200M roller brake tester offers a high standard of vehicle brake testing whilst being very mobile. This unit can be used in conjunction with the BM53000M play detector, to create a mobile above-ground heavy vehicle test lane.

- Featuring a hot-dipped fully galvanised frame for both indoor and outdoor use, the BM20200M is designed for longevity and versatility.
- All tests are created and stored through the included Windows Laptop with pre-installed BM FlexCheck software.

The BM Roller Brake Testers complies with and are used by authorities & regulators across Australia & Globally and are fully compliant with Australian Standard AS/NZS 4613:1999 and NHVR.

Tech Specs	BM20200M
Maximum Axle Load	20,000kgs
Roller Diameter	150mm
Roller Length	1000 / 1250 / 1600mm
Test Speed	1km/h
Power	1x min. 20A 3PH+E Outlet, & 1x 10A 240V GPO
Weight	1250 kg
Warranty	Two Years Parts & Labour

BM Windows software delivering auditable reports via PC/Notebook

Handheld tablet control with BM Software

Extremely low clearance

Consistent and repeatable readings

Testing:

- Rolling Resistance (end drag - reduce fuel, repair & emergency roadside repair)
- Ovality (warped discs, out-of-round drums, cracked discs drums)
- Warning on service, park and emergency brake force
- Automatic weight measurements per axle
- User inspection checks; headlights, emissions, tyre pressure & wear, etc. (require additional hardware)
- Full detailed test results are automatically printed, and stored on the PC as an emailable file
- Optional test result database for National Clients with multiple brake testing sites

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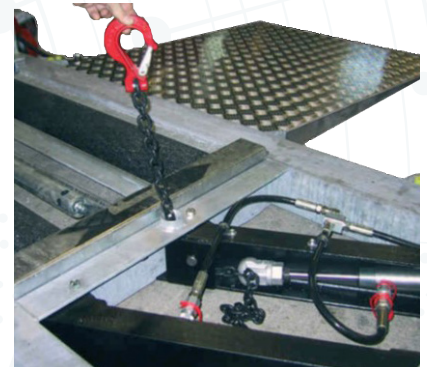
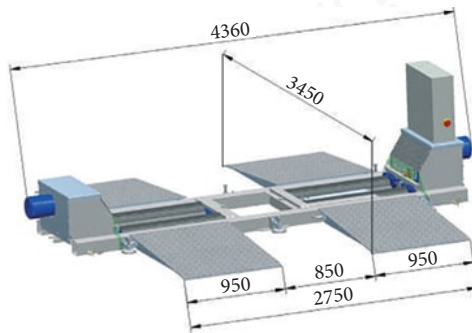
Handheld Tablet Control and BM FlexCheck Software

The BM20200M is supplied with BM FlexCheck software, which is installed on the supplied PC. The system also includes a colour laser printer and Windows Tablet PC to allow a single operator to use the system.

The tablet has a real-time display, which shows all the readings of the brake test. Together with the integrated touch screen based remote control and BM Assist guide feature, the operator can fully control the brake test from the cab of the vehicle being tested.



Unique Features of the Brake Tester



Extremely Low Clearance

The maximum drive-over height is only 160 mm, which avoids clearance issues when passing with very low vehicles, such as low-floor coaches, buses and trucks.

Low Floor Space Requirements

Due to the low height of the roller-set, the length of the ramps are only 1.25 meters each side meaning a total setup length of only 3.5 meters.

Axle Load Simulation

The BM20200M can optionally be supplied with an Axle Load Simulation system, which can simulate up to 8 tons of axle load. The system is supplied with a compressed air powered hydraulic pump to allow easy operation.

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