

DESCRIPTION

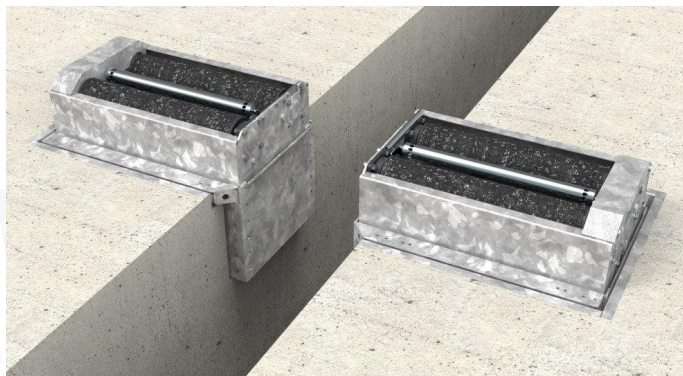
In Ground Roller Brake Tester

- 255 mm lifting height of roller bed
- 16 Ton lifting capacity
- 20 Ton drive over capacity
- Retrofit without civil work into most popular subframes
- Hot galvanised for long lifetime
- IT system using latest app technology for smartphone and tablet
- The most comprehensive load simulation system program

The BM18200 is a roller brake tester suitable for both light and heavy vehicles. It features hydraulic lifting beds for load simulation. Each roller bed is lifted on 4 hydraulic cylinders and is controlled by software that has built-in safety features protecting the vehicle and operator during the brake test. The BM18200 can lift 16 Ton axle loads to an industry-leading height of 255 mm above floor level.



| Tech Specs | BM18200 |
|-------------------|----------------------------|
| Maximum Axle Load | 20,000kgs |
| Lifting Capacity | 16 Ton |
| Lifting Height | 225mm |
| Roller Diameter | 260mm |
| Roller Length | 1000/1250/1600mm |
| Test Speed | 2.7km/h |
| Power | 1x min. 40A 3PH+N+E Outlet |
| Warranty | Two Years Parts & Labour |



Retrofit without civil work into most popular subframes

Even with these high performance characteristics, the design of the BM18200 allows the roller bed to be retrofitted into most popular subframes without need of civil works. This includes both older BM brake tester models (with the exception of the BM14200 sub frame), and those from other companies.


Robust design

BM Autoteknik A/S was the first company to develop a lifting roller bed brake tester in 1979 (today known as model BM17200). The BM18200 design is therefore based on almost 40 years of experience with this kind of roller brake tester.

The BM18200 is hot galvanised for optimal protection against corrosion. The BM18200 is additionally equipped with heavy duty bearings, gear motors designed for load simulated brake tests and strong shock-absorbers for controlling the centre roller. This combination ensures high reliability and low maintenance cost over the lifetime of the brake tester.

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Handheld Tablet Control and BM FlexCheck Software

The BM18200 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.



Additional Load Simulation Options

In some applications it is not sufficient to lift the roller bed alone. In situations where a greater weight is needed, the BM18200 can optionally be fitted with the following additional load simulation systems.

BM CLS type A or D

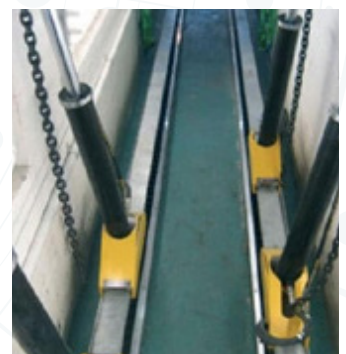
The BM18200 can be supplied with a Chassis Load Simulation, CLS, system consisting of either cassettes mounted in the C-tracks on the pit edges or consisting of skates mounted on I-steel tracks in the pit floor. Each cassette or skate is fitted with a 5 ton hydraulic cylinder, which pulls down the chassis or axle to simulate the load. Alternatively, the BM18200 can be supplied with passive cassettes or skates, where the chassis or axle is simply attached via slings and the load simulation is obtained by lifting the BM18200 roller bed.

BM74000

Alternative to "pull down" from the pit the BM18200 can be supplied with the unique BM74000 load simulator, where the load simulation is added directly from top down on the vehicle.



CLS pit wall mounting



CLS pit floor mounting

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