

PRODUCT DATA SHEET



BM18200 Roller Brake Tester

The BM18200 roller brake tester has a unique hydraulic load simulation system allowing the operator to raise the roller bed out of the ground.

This brake tester features a large range of options that allows for a customized configuration.

OPTIONS

See also other BM brake testers for light and heavy vehicles: BM12200, BM14200, BM17200, BM20200 and BM5200.

Advantages

- IT system using the latest app technology for smartphone and tablet (Windows and Android).
- Unique load simulation system using raised rollers.
- 255 mm lifting height.
- 16 Ton lifting capacity.
- Retrofit without civil work into most popular subframes.
- The display can be mounted either on the wall, saving floor space, or on floor column devices, that are designed so equipment is protected even when floor is cleaned with chemicals. It can also be mounted on a trolley making it easy to move around.

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Installation

- Hot galvanized subframes can be concreted into the ground before the actual brake tester is installed.
- The subframes ensures easier planning and implementation of installation as well as correct alignment of the brake tester during concreting.
- Can be installed both indoor and outdoor in most environments from -30°C to 60°C and humidity up to 95.

Downloads

 [BM18200 brochure EN \(PDF\)](#)

 [BM18200 brochure DA \(PDF\)](#)

Product Short Description :

In-ground brake tester for vehicles with axle load up to 20000 kg with integrated load simulation.

Additional Information:

- Dimensions: N/A
- Weight: N/A
- Roller bed per side (1000 mm rollers) LxWxH: 1245 x 757 x 700 mm
- Roller bed per side (1250 mm rollers) LxWxH: 1495 x 757 x 700 mm
- Roller bed per side (1600 mm rollers) LxWxH: 1845 x 757 x 700 mm

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- Subframe for split bed installation per side (1000 mm rollers) LxWxH: 1215 x 1120 x 150 mm
- Subframe for split bed installation per side (1250 mm rollers) LxWxH: 1465 x 1120 x 150 mm
- Subframe for split bed installation per side (1600 mm rollers) LxWxH: 1815 x 1120 x 150 mm
- Lifting frame for split bed installation (1000 mm rollers) LxWxH: 1262 x 1000 x 635 mm
- Roller diameter: 208 mm
- Roller length: 1000 mm
- Friction coefficient of roller from factory dry/wet: Min. 0.8/0.7
- Wheel span: 850 to 2850/3350/4050 mm
- Distance between roller centres: 450 mm
- Maximum test axle weight: 16000 kg, 20000 kg
- Gear motor size: 11 kW, 15 kW
- Max. brake force measurement: 4000 daN, 6000 daN
- Test speed: 2.3 km/h
- Lifting height: 255 mm
- Lifting capacity: 16 Ton
- Display (LxWxH): 930 x 820 x 100 mm
- Control box (LxWxH): 760 x 600 x 210 mm
- Display brake force scale: 0 - 800 daN, 0 - 4000 daN
- Brake force measuring accuracy: 0 - 100 daN: +/-2 daN, > 100 daN: +/-2% FS
- Pedal force measuring accuracy: 0 - 100 daN: +/-1 daN
- Power and fuses: 3 x 400 Vac + N + PE, Min. 50/80 Amp, 3 x 230 Vac + PE, Min. 80/125 Amp

Product Gallery:



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