Truck Brake Tester BD 8000 | 18t | 1000mm | 8-point scale | +200mm lifting

Article number: 1 691 810 120

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Description

BD 8000: The truck brake tester for the most demanding requirements

Maximum performance, zero compromises: the BD 8000

- For trucks with an axle load of up to 18 tons
- Fully galvanized
- Electromagnetic engine brake
- Quartz-coated premium rollers with a length of 1000 mm

Fully equipped with no compromises

- 8-point scale for measuring axle weight and deceleration
- 2 rotation speeds
- 4x4 automatic all-wheel drive detection
- ASA livestream
- Speed sensor
- 50mm roller elevation for precise and safe testing
- Including ICperform software
- Including ICperform tablet app

Hydraulic load simulation: Testing without stopping

- Lifting device for load simulation with 200 mm stroke
- Eliminates the need for manual lashing with tensioning straps or chains on each individual axle
- Convenient operation from the driver's cab without getting out
- Suitable for trucks, trailers and semi-trailers
- Particularly recommended for empty or light trucks
- Compact integration in the roller housing

Display options: analog, digital or mobile

- Analog: Classic display on analog display
- Digital: Full control with ICperform software on your PC
- Mobile: Measurement values directly on the tablet in the driver's seat

ICperform software – analog is so yesterday

- Clarity at first glance: Intuitive and quick to use
- Targeted control of any axle
- Clear display of axle weight, brake force difference, minimum braking, brake pressure per axle, runout, rolling resistance, etc.
- Print and database function
- Networking with other test devices in the test lane

ICperform via tablet app: Test and control without getting out

- No constant getting in and out
- Measurement values directly from the driver's seat
- Convenient control of the entire test procedure

Modularly expandable at any time

- APS3 wireless pressure sensors: wireless measurement of pressure values in truck or trailer braking systems
- BPF 200 wireless pedal force meter: wireless measurement of pedal pressure for repeatable braking
- MSS 8400 quick-track tester: measures axle play and straight-line stability for axle alignment recommendations

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- GST8508 and GST8600 joint play testers: quick detection of defects and wear in the wheel suspension

Scope of delivery:

- 2x roller set with weighing function and hydraulic load simulation
- Control cabinet incl. ASA livestream
- 15 m cable set
- ICperform software
- ICperform tablet app

Note: a PC is required to operate the ICperform software. This should meet the following minimum requirements: Windows 7 or higher (64 bit) and 2x RS232 serial (COM) interface. The additional use of a tablet requires a PC with ICperform software and a Wi-Fi network with router.

Technical Data

Max. wheel diameter	1200 mm
Protection class	IP 54
Length	1350 mm
Height	782 mm
Electrical connection	400 V
Measuring system	- DMS
Width	1140 mm
Max. axle load testable	18 t
Coefficient of friction dry/wet	0,8 / 0,7
Roller length	1000 mm
Roller elevation	50 mm
Roller diameter	280 mm
Min. test width	900 mm
Max. test width	2900 mm
Min. wheel diameter	320 mm
Roller axle distance	438 mm
Weight with lifting device approx.	1030 kg
Roller set lifting	200 mm
Motor connection cable	7 x 4 mm²
Gear ratio	1 / 17,27
Test speed (low)	2,3 km/h
Test speed (high)	4,6 km/h
Motor revolution speed (low)	1450 rpm
Motor revolution speed (high)	2950 rpm
Roller revolution speed (low)	43,4 rpm
Roller revolution speed (high)	87,6 rpm
Motor power (low)	2 x 10 kW

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Motor power (high)	2 x 12,5 kW
ASA livestream	ja Standard
Number of test speeds	2

Accessories

1 691 810 713	Built-in frame BD 8xxx / 1000 mm / 18 to | separated, with pit
1 691 810 714	Built-in frame BD 8xxx / 1000/1100 mm | track width 3000 mm | non-separated (w/o pit)
1 691 810 715	Built-in frame BD 8xxx / 1000/1100 mm | track width 3100 mm | non-separated (w/o pit)
1 691 810 716	Built-in frame BD 8xxx / 1000/1100 mm | track width 3200 mm | non-separated (w/o pit)
1 691 810 717	Kit 4x drive-over plates | BD6xxx & BD8xxx | 1000mm & 1100mm
1 691 810 704	IR remote control Truck
1 691 810 702	IR Kit Truck
1 691 810 703	Testlane PC with a serial interface
1 691 811 250	PC cabinet Standard | empty
1 691 810 743	PC gear pack for PC cabinet Standard
1 693 740 884	Monitor holder 17 - 27 "
1 693 740 911	Monitor holder 22 - 35 "
1 691 810 750	Display RAL 7016 | analog, rectangular | LCD, svivel arm, IR receiver
1 691 810 722	Stand column aluminium | RAL 7016 | for TV Monitor / rectangular analog display
1 691 810 723	Pit safety PSC2 | cross
1 691 810 724	Pit safety PSC2 | cross
1 691 810 725	Pit safety PSC2 | cross
1 691 810 726	Pit safety PSC1 | long
1 692 100 102	Swivel bracket PSC1
1 691 810 735	Warn-System for air pressure sensors
1 691 601 392	Digital calibration kit for brake tester
1 693 770 658	Air pressure sensors | Truck | APS 3
1 693 770 673	ASA/APS3 wireless connection kit | Truck | 433Mhz
1 691 810 737	Adaptation kit for Semmler Tachocontrol BD8xxx | 18 to
1 691 810 736	Adaptation kit for tachograph test with proximity switch BD8xxx | 18 to

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