



NET**BEE**



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Interested in a BrakeBEE demo?

Contact us at sales@net-automation.at and experience BrakeBEE in action.

Your benefits with BrakeBEE

- Wireless pressure measurement at up to 40 measuring points
- Intuitive, guided test procedures
- Manual, semi-automatic and fully automatic brake testing
- Automatic generation of digital test reports
- Complete vehicle and test history as a basis for condition-based maintenance
- Modular expansion with ForceBEE

BrakeBEE

Wireless brake testing system



Modular and expandable

Modular design with flexible expansion options for wireless pressure and force measurement



Standards-compliant test procedures

- Brake testing in accordance with IRS 50543-1 (UIC 543-1) and VPI Module 7
- Compliance with the technical requirements for passenger transport



Cloud-based and connected

Modern cloud platform with integrated vehicle configurator and test procedure generator



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Hardware

Mobile measuring trolley

- Control of MBP, MRP and T pilot pressures and connection of wireless measurement modules at up to 40 measuring points
- Control of up to 7 T pilot pressures using a mobile T-BEE extension
- Intuitive operation via tablet
- Optional transfer of test data to the cloud
- Integrated, stand-alone internet connection



T-BEE extension

- Wireless, battery-powered extension case for the separate control of 2 T pilot pressures (compressed-air connection required)
- Up to 3 T-BEE extensions per BrakeBEE system
- Battery charging via the measuring trolley



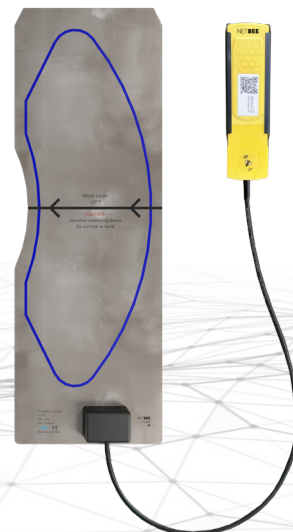
Pressure measurement modules

Wireless pressure measurement without complex cabling on the vehicle.



ForceBEE integration

The BrakeBEE system can optionally be combined with ForceBEE thin-film force sensors without any additional integration effort.

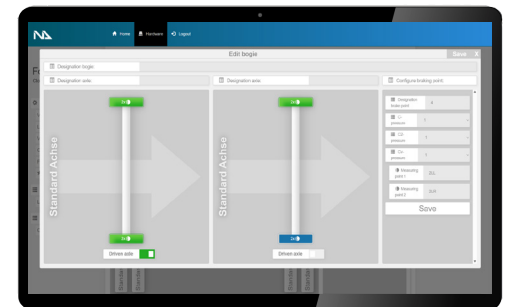


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Software and Cloud

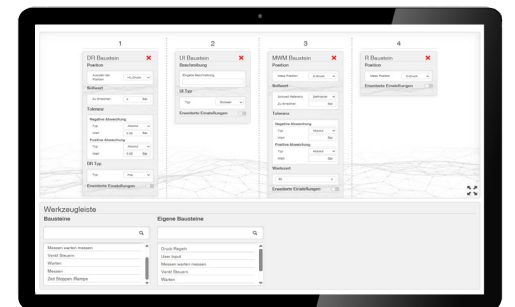
Cloud-based vehicle configurator

Create a digital twin in the cloud once for each vehicle, then transfer it with a single click to all your BrakeBEE systems.



Cloud-based test procedure generator

Test procedures can be created and configured via drag-and-drop without any programming knowledge, then transferred wirelessly to the BrakeBEE systems.



Application software (app)

The app intuitively guides the operator through the test procedures created in the cloud.

The brake test can be performed manually, semi-automatically or fully automatically.

Test reports are generated automatically and can optionally be transferred to the cloud.

