

LINSINGER's Innovative Measuring System: Precision Redefined

To meet the challenges of modern data-driven maintenance, LINSINGER has developed the LINALYZER measuring system, which integrates the most essential measuring techniques for rail maintenance. The goal of this system and its software is to support railway operators by providing data-driven insights in order to choose the right maintenance strategy. This helps extend the service life of the rails and ensures track safety.

The new measuring system is based on proven technologies, which LINSINGER has used in its rail milling trains for more than 20 years. The newest sensor generations enable measurements with unprecedented accuracy.

These technologies are incorporated into a modular design based on a vibration decoupled support bogie that enables highly accurate measurements even under difficult conditions. This bogie is theoretically able to go at least 60 kilometres per hour during measuring runs.

The modular design allows the customers to tailor the equipped measuring systems to their needs. Besides longitudinal profile, transverse profile, and crack depth, also rail head height, quality index, track width and acoustic roughness are available for selection. On top of the newest measuring sensors and algorithms stands a new user interface, which brings user-comfort to the next level.

This software is designed to make the machine operator's life as easy as possible. Measuring start and stop automatically with the milling process. All measuring systems are integrated into one software, this means that multiple laptops, multiple inputs and inconsistent measurements are a thing of the past. Keeping track of measurement data of multiple measuring systems is as easy as never before, due to our innovative visualisation techniques.

New to the portfolio is the “LINALYZER to GO” – the compact, handheld version for maximum flexibility in measuring.





NEW A compact, flexible handheld device
LINALYZER to GO

LINALYZER
REVEAL THE UNSEEN
Linsinger's new modular measurement system for optimal monitoring, maintenance forecasting, and reporting.

#TRUSTTHEINVENTOR
www.linsinger.com

Compact. Smart. Powerful.

Meet the LINALYZER to GO, the portable version of our proven measuring system.

It is ready for use in minutes, can be operated by one person, and is built with lightweight parts for maximum flexibility.

Powered by a long-lasting battery for 10+ hours of operation. Use it all day, anywhere. Precision rail monitoring is now more accessible than ever.

Discover true modularity.