

MULTIRAIL®

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Test Bench



MULTIRAIL® TRAIN SCALE

Precise measurement and legal-for-trade weighing? The Train scale product range includes systems for internal check weighing and legal-for-trade weighing results as the basis for calculating the weight of individual wagons and train sets – no matter if it's dynamic or static weighing.



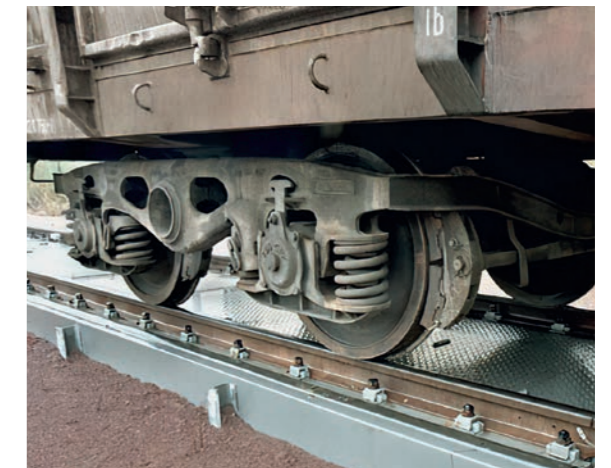
MULTIRAIL® Dynamic Train Scales for Solid and Liquid Loads are the legal-for-trade track scales for high-precision weighing of solids and liquids in accordance with OIML R 106, classes 0.5 and 0.2 - also certified in the USA.*



MULTIRAIL® Dynamic Train Scales for Loading can weigh wagons immediately before and after loading thanks to precision measuring technology. This allows maximum use to be made of wagon capacity without the wagon weight exceeding the permitted track load.



MULTIRAIL® Dynamic Train Scales for Hot Metal is for precise determination of hot metal output for blast furnace operations.

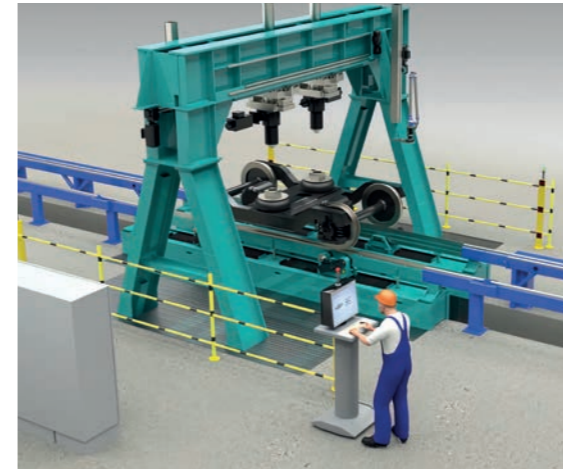


MULTIRAIL® Static Train Scales for Solid and Liquid Loads allows the static or dynamic weighing of individual wagons or entire train sets. Data and weights are recorded legal-for-trade using weighing electronics and processed using a PC system adapted to the customer.

MULTIRAIL® TEST BENCH

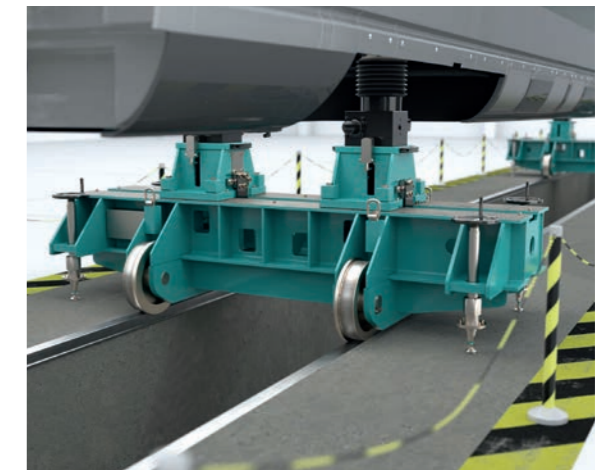


Quiet, comfortable and low-wear rolling trains are the result of intensive development work. Schenck Process helps vehicle manufacturers and maintenance workshops to take reliable measurements in bogie checks and corner load measurements.



MULTIRAIL® Bogie Test Bench is part of a new generation of bogie test rigs fit for the future. One prominent feature is the fully electro-mechanical design with spindle technology which ensures extremely efficient work practices and high levels of precision.

MULTIRAIL® Corner Load Test Bench uses direct force measuring technology to measure the distribution of load and centre of gravity of the rail car body in accordance with DIN 25043. In this way it accurately measures the forces that impact on the bogie. Precision on the test rig.



MULTIRAIL® Wheel Load Test Bench is used for the static and dynamic monitoring of axle loads and vertical wheel forces of locomotives and wagons according to EN15654-2. It measures wagon weights, monitors the wagon's centre of gravity and calculates weight distribution in the bogie.



MULTIRAIL® TRAIN MONITORING

Wheel diagnosis at track speed? Prevention of derailment? Schenck Process track-based systems determine the safety-relevant load status of trains. As well as preventing derailments, through the measurement of noise emissions they also help to make rail transport more acceptable to local residents.



MULTIRAIL® Wayside Train Monitoring accurately diagnoses the wheels while the train is in motion, checking for circularity deviations, vertical wheel forces and load distributions. The system identifies vehicles that could damage the track due to excessive dynamic forces or overloading.

Email: sales-eu@schenckprocess.com

DIGITAL REMOTE AFTERMARKET SERVICES

Digital support from our global Aftermarket team, means that no matter your location, an engineer can be available to help you. To contact one our team please call: **+49 6151 1531 1531**, or email: service-eu@schenckprocess.com



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Your Partner

We want your rolling stock to remain in service for years to come. That's why we offer comprehensive advice and support throughout the process, from the installation of the scales to assistance with weighing, maintenance, on-time calibration and inspection.

We arrange to have the necessary calibration carried out, either by Schenck Process or by the specified authority or independent body.

Take advantage of our expert support:

- » Maintenance
- » Calibration
- » Inspection
- » Phone & Remote Service



Schenck Process Europe GmbH
Pallaswiesenstraße 100
64293 Darmstadt, Germany
T: +49 6151 15 31 - 0
E: sales-eu@schenckprocess.com
W: www.schenckprocess.com

we make processes work