



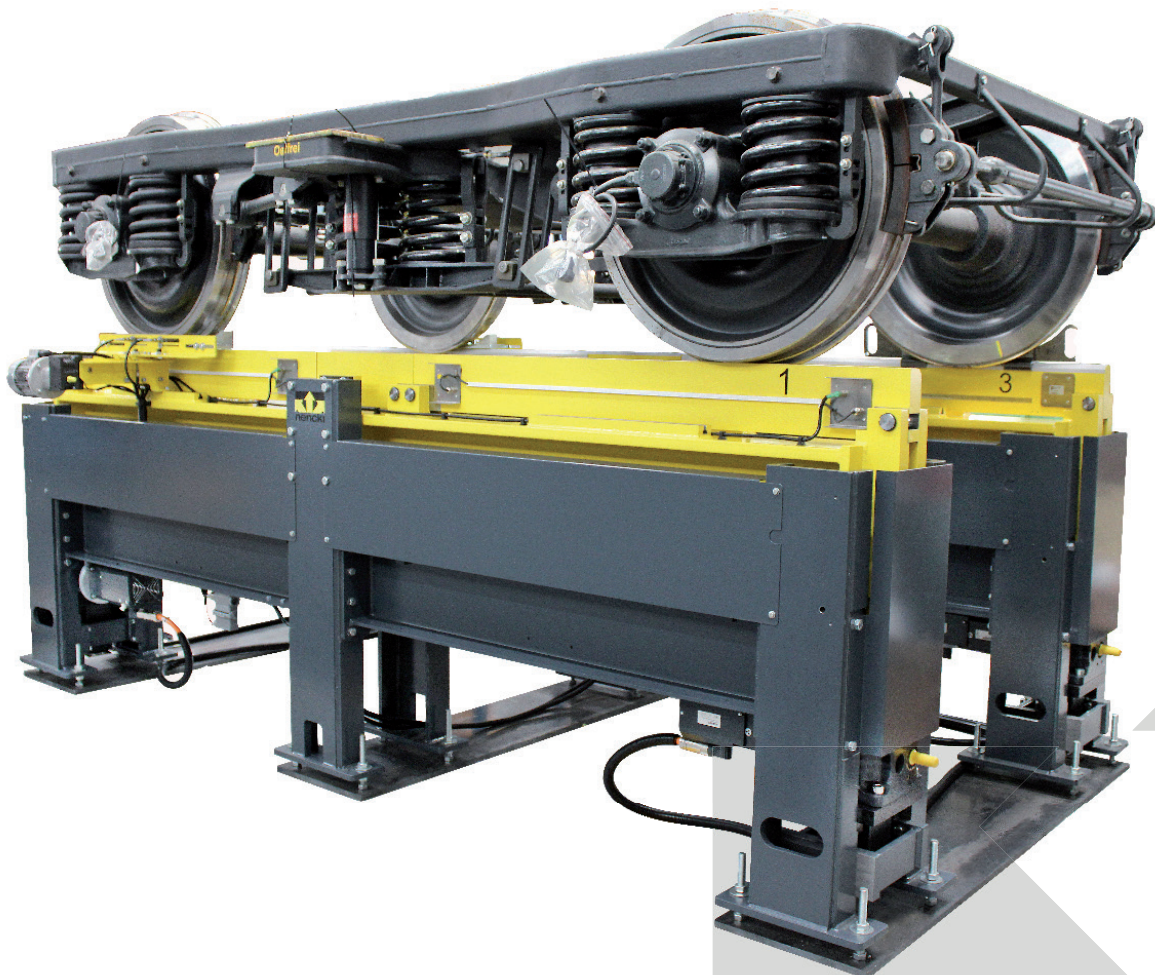
Wheel Weighing NWW

« Testing under realistic conditions

SIMULATION OF CURVES AND UNEVEN TRACKS

- « Measurement of wheel loads of complete rolling stock without prior dismantling of the bogies
- « Testing in accordance with the international standard DIN EN 14363 and corresponding protocol
- « Measuring wheel loads under simulation of curves and uneven tracks
- « Initial inspection of the complete rolling stock after overhaul
- « **Maintenance only if necessary!** If the wheel loads are correct, systematic inspection can be avoided. The timing of any upcoming maintenance can be predicted and planned based on the measured values.

« Condition-Based Maintenance



« State-Of-The-Art Technology

WHEEL LOAD MEASUREMENT

- « Wheel load measurement using individually height-adjustable wheel measuring rails
- « Testing under realistic conditions (torsion, curves, etc.)

CONTROL SYSTEM

- « Control system for intuitive operation of the test bench
- « Control system and industrial PC installed in a solid control cabinet
- « User-friendly elements and touchscreen

« Save Time and Money

SAFE AND ERGONOMIC OPERATION

- « Fully automatic test sequence
- « Intuitive operation and handling
- « Secured hold in case of emergency stop and power failure
- « Low noise emissions

INCREASE IN COST-EFFECTIVENESS

- « Condition-based maintenance: costly revision only if necessary
- « Short test cycle time
- « Low life cycle costs thanks to energy-efficient and maintenance-friendly design

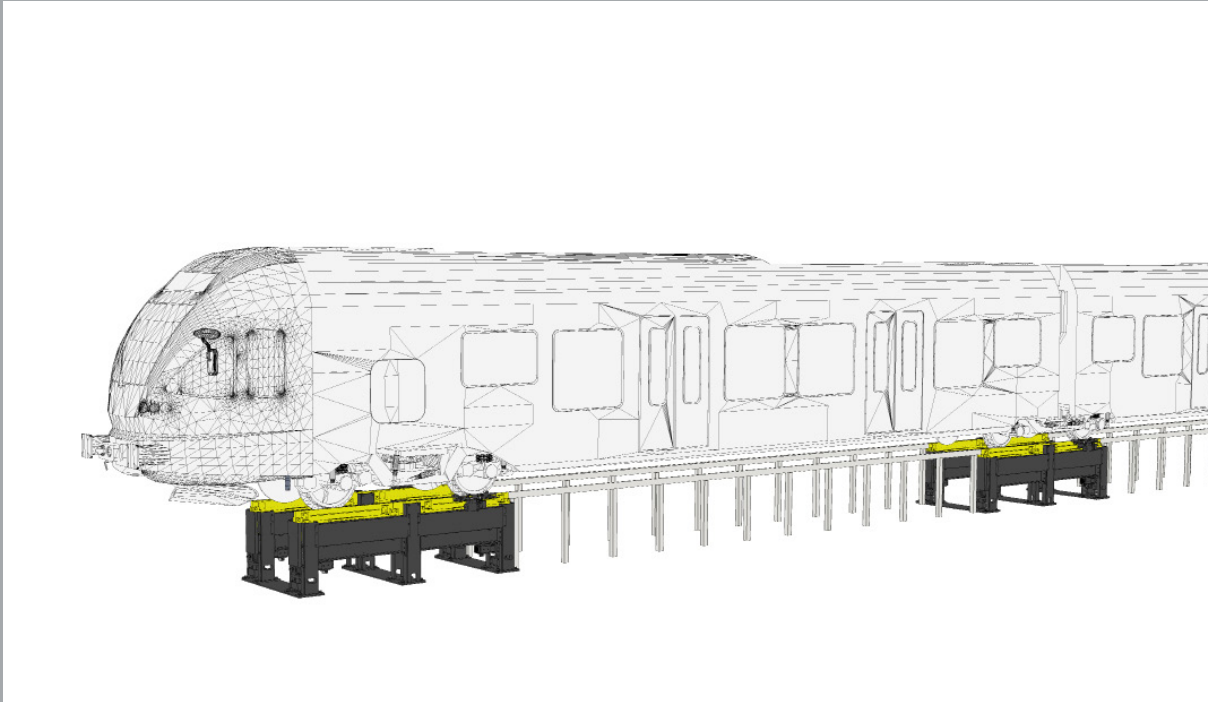
HIGH QUALITY

- « High measuring accuracy
- « High-quality, industrial-grade materials
- « State-of-the-art production processing
- « Long-lasting design
- « Worldwide customer service

HIGH SAFETY IN TRAIN OPERATION

- « Increasing derailment safety
- « Reduction of noise emissions
- « Reduction of wear on wheel and rail
- « Increasing passenger comfort
- « Reduced train downtimes

« Testing on the Complete Rolling Stock



« Technical Data

MODEL	NWW
Max. Test Force	8 x 110 kN
Bogie Axle Distance	1800 - 2600 mm
Space Requirement (L x W x H) per Unit	4200 x 550 x 1400 mm

« Contact and Further Products

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