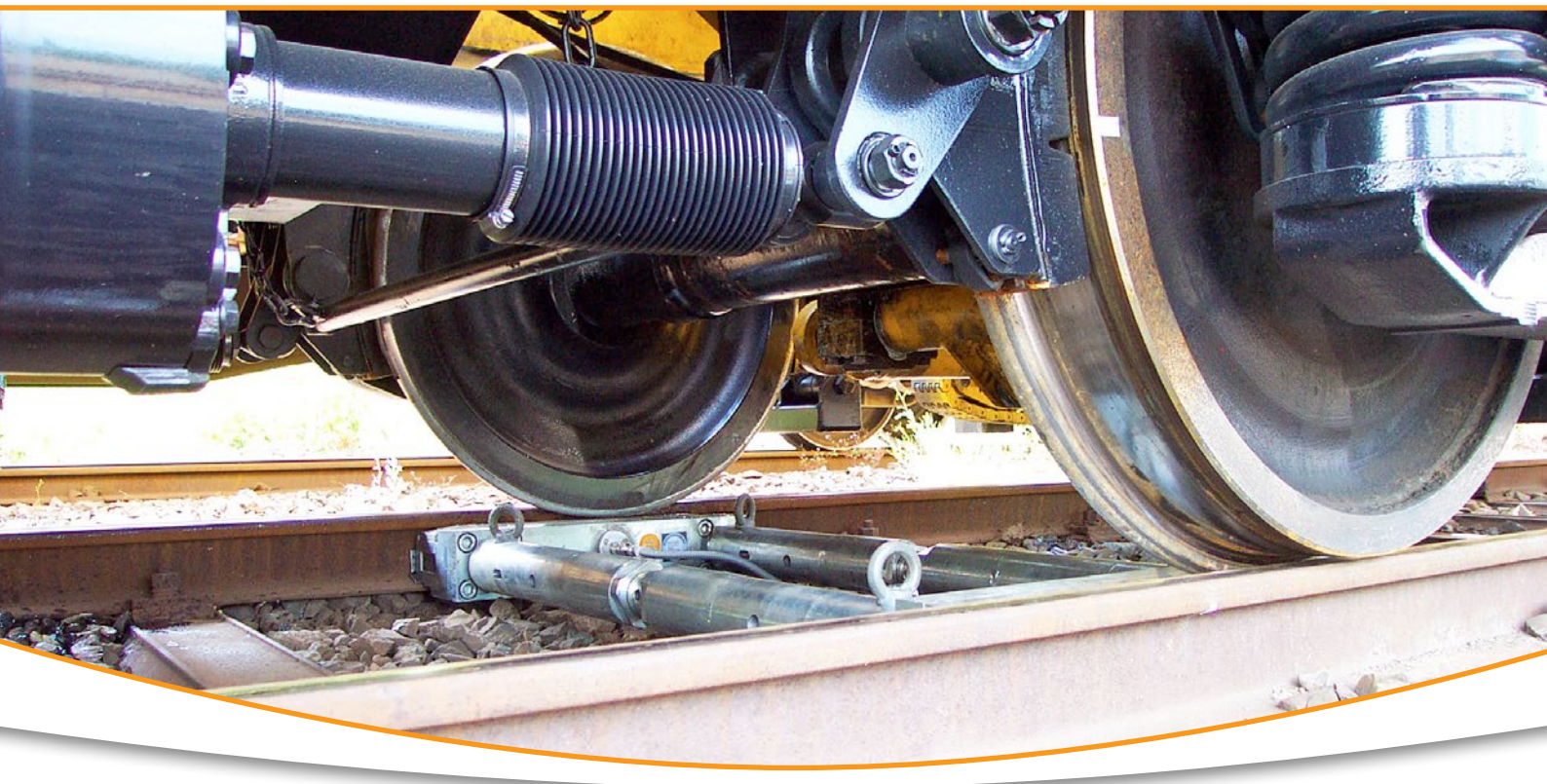


# RALF

## WHEEL LOAD SCALE



**MOBILE MONITORING SYSTEMS**  
FOR TRAINS AND TRACKS UNDER REAL OPERATING CONDITIONS



RALF lifts the wheel off the rail. The wheel stands on its flange, the tread is suspended some millimeters above the rail head.

## MEASURING WHEEL LOADS THE EASY WAY

RALF can be installed at any given location by only two persons. It simply takes 10 minutes to lift it from the car trunk and assemble it. Two struts wedge the weighing cells between the rails. The train that advances slowly will pull the wheels one by one onto RALF. Once the wheel stops, RALF will take the readings within fractions of a second. Does it still take too much time to measure many axles? No problem: Up to 12 axles can be linked via CAN-Bus and read out simultaneously.

## SPECIFICS

- Mobile wheel load scales
- 1 – 25 tons, 10 kg resolution, calibrated, accuracy class 0.5
- Up to 12 axles measured simultaneously, CAN-Bus
- Portable
- Installed in 10 minutes
- For all types of track and rail

