



Wheel load control
for train's monitoring



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The dynamic wheel load control RAWLOC serves for automatic train monitoring.

Real data of the track loads are recorded and provide a real-time information of the rolling traffic.

Non-complying wagons will be detected and can be withdrawn from the traffic before these may cause major damages to the infrastructure.

Our long-term experiences in the field of wheel/rail force measurement are the basis for this product. RAWLOC is a powerful and reliable tool, used by infrastructure providers.

Features

- Automatic train monitoring at regular speed
- Elevated safety and improved availability
- Detection of overload, unbalanced load, flat wheel
- Analysis for each wheel, axle and wagon
- Alarmsystem

Components

- Two rails equipped with sensors
- Electronic interface for signal processing
- PC for data processing
- Analysis software „RAWLOC“

Installation

The existing rail elements will be cut out and removed. The measuring bars will be tight-fitted on existing wood or concrete sleepers and connected by welding with the existing rail in the field. The measuring bars are protected by a heavy steel cover against shock, dust and moisture.

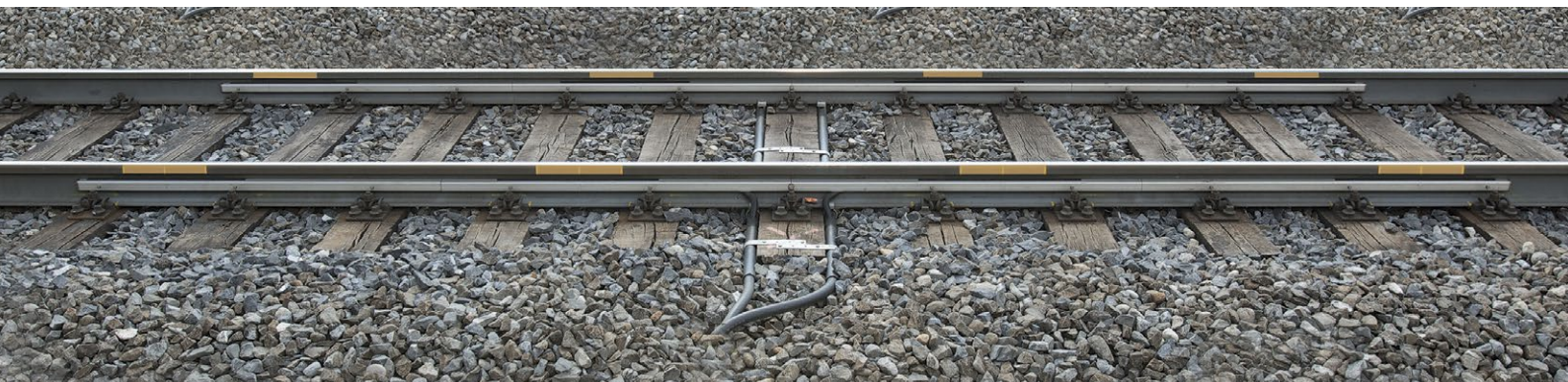
The complete installation is shielded against thermal and electro-magnetic influences.

Technical Data:

Max. axle load	30t
OIML R 106-1, class	0.2, 0.5, 1, 2
Temperature Range	-30°C – +70°C
Scale interval	20kg, 50kg, 100kg, 200kg
Weighing speed	unlimited
Measuring direction	both
Rail profile type	all
Roadbed	Gravel or Fixed



RAWLOC monitoring the traffic



RAWLOC with 8 sensors, wooden sleepers