

RAIL MEASURING TECHNOLOGY
WHEN ACCURATE MEASUREMENTS MATTER



EasyRail

Rail Wear and Profile

*EasyRail - Rail Wear & Profile measuring trolley
High Accuracy Rail Wear and Profile
measuring trolley based on
optical Laser technology*

Product description:

Rails are perhaps one of the most expensive assets which railway systems needs to maintain. Wheel rail interaction causes for rails to wear and in order to plan for efficient rail maintenance (including rail treatment and rail replacement if wear exceeds specified limits) accurate rail profile measurements are required to predict rail wear trends and to assess mobile rail treatment requirements (grinding and milling)

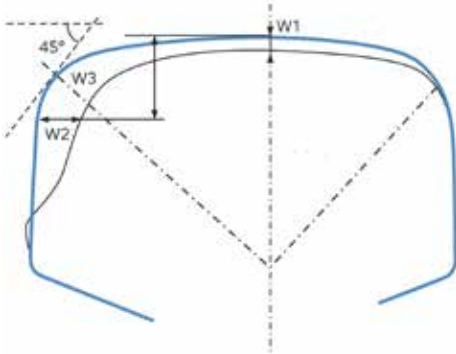
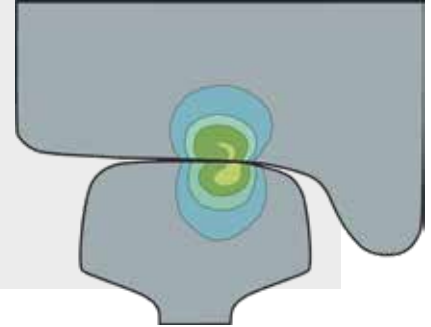
The EasyRail trolley is a compact and user-friendly rail profile and wear inspection trolley which can be used on a variety of tracks and gauges

Applications:

- Monitoring of rail quality
- Detection of rail wear (W1, W2 and W3 values) and deformation

Main characteristics:

- Measurements that are highly accurate and repeatable
- Relatively simple installation and setup
- User-friendly software for acquisition and review of measurement data
- Operation through notebook or tablet-pc
- Robust yet light weight design
- Extensive product support



TECHNICAL DATA EasyRail trolley

Interval at which data are saved	0.1-0.5m	
Measuring speed	Walking speed (alternative towed behind a trolley)	
Environment temperature	-5 to +45degrees	
Accuracy	+/-0.1mm	
Laser	Class 2M	Red Laser
Output compatibility	EN 13231-2 2020 and equivalents	
Parameters measured	Rail profile, Head wear (W1), Side wear (W2-W3) and Track gauge	
Rail Profiles	Any	Based on customer supply
Requirements	24VDC battery is supplied with the instrument	