

## GLM Lasermeßtechnik GmbH – Reference list of railway vehicles

### Reference list of measured rail vehicles

GLM Lasermeßtechnik GmbH has been successfully working as a system supplier and measurement service provider for frame measurement of rail vehicles and their components since 1992. Thus, a large amount of experience in frame measurements is available. A mobile 3D measuring system is used and it is controlled by one person. The frame measurement – depending on rail vehicle, bogie and task – is completed after 2 to 6 hours. The evaluation takes place in real time.

#### **Locomotives**, for example:

BR101, BR110, BR111, BR112, BR113, BR120, BR127, BR139, BR140, BR141, BR143, BR145, BR146, BR161, BR152, BR155, BR182, BR185.1, BR 185.2, BR189, BR253, BR485, BR885, V60 (BR36x), V90 (BR29x)

- DIN 27202-10
- DIN 25043-3
- DB Schenker Ril900.0070

#### **Passenger Coaches**, for example:

ICE: BR403, BR406, BR805, BR806, BR807, BR808, BR411, BR415, BR407

- Ril 98611
- DIN 25043-2

#### **Freight wagons bogies** (y25 coil springs, y25 leaf springs, 2 axle leaf springs, 3 axle leaf springs)

- DB Schenker Ril 984.0300
- VPI 02
- EN 13775

#### **Freight wagons underframes** (e.g. 2 axles and freight wagons with bogies)

- DB Schenker Ril 984.0300
- VPI 02