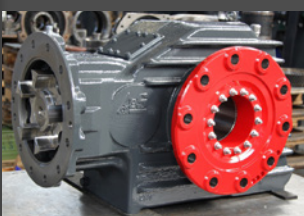
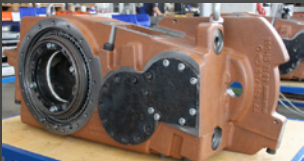
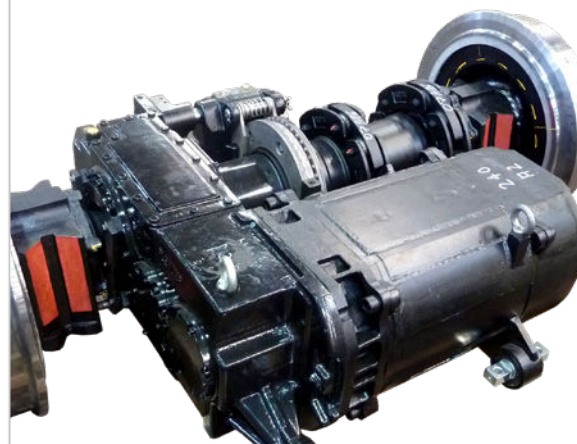




Your specialist for Rail drives



General inspection

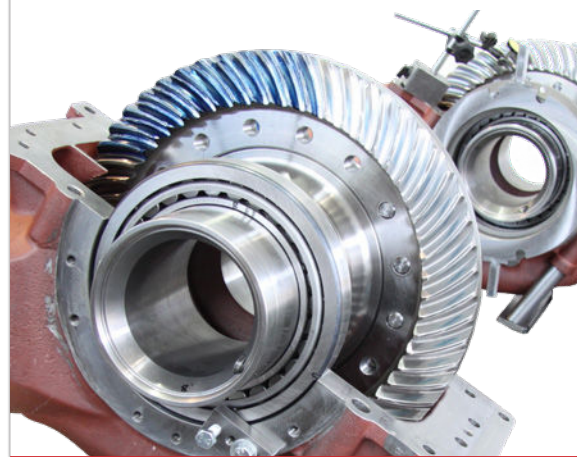


- AS Drives & Services GmbH is general contractor
- Inspection of axle drives
- Repair of gearboxes and motors
- Inspection on site

The advantages:

- Only one main responsible
- Reduces logistical effort
- Consideration of all components
=> Identification of interactions in the system

Gearbox- and motor-repair



- Type-independent repair of gearboxes and motors
- Extensive damage analysis
- Recalculation and redesign of drives
- Modification, if necessary
- Professional assembly
- Many years of experience in damage analysis as well as in the repair of gearboxes
- Certified quality according to DIN EN ISO 9001
- Flexible and reliable

Spare parts procurement



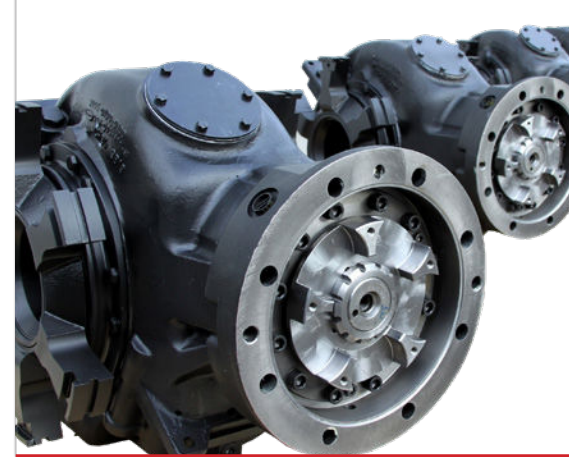
- Procurement and supply of spare parts of all kinds for rail drives: Gears, hollow shafts, bearings, bushings, couplings, flanges, labyrinths, housings, etc.
- Special and standard parts
- Design, construction and manufacturing of new spare parts
- Stock keeping
- Training of professional assembly and adjustment

Problem solver for special cases



- Damage analysis of problem cases
- Consideration of all components
=> Identification of interactions in the system
- Many years of experience in damage analysis as well as in the repair of gearboxes
- Design of new solutions
- Modification of existing components to eliminate constructive errors

ReDesign

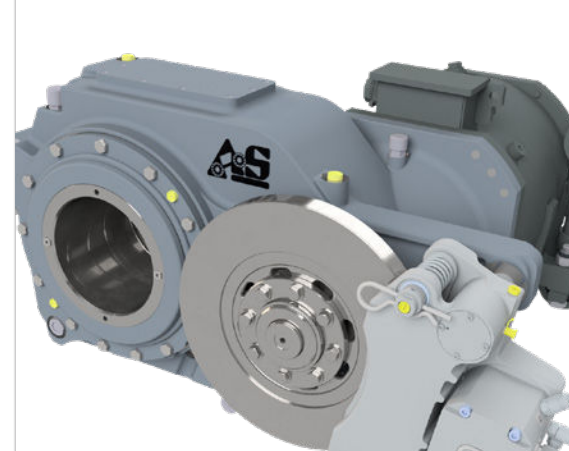


- Type-independent new design or construction of rail drives
- Performance calculation and redesign
- Manufacturing of all parts (incl. documentation)

Reasons for a ReDesign:

- Original manufacturer is no longer on the market
- Gearbox type is no longer built
- Increase of the circulation reserve by single and small series production
- Modification and improvement

Special drives



- Engineering of new drives
- Design
- Calculation of all components (Housing, gears, bearings etc.)
- Manufacturing of all components and final assembly
- Prototype construction
- Test bench runs
- Documentation

**Markus Wahlers**

Chief Executive Officer

Phone: +49 2864 9008 -168

Mobile: +49 175 2222 075

m.wahlers@as-drives.com

**Stephan Dahlhaus**

Head of Design

Railway & Maintenance

Phone: +49 2864 9008 -152

Mobile: +49 170 2223 850

s.dahlhaus@as-drives.com

**Jan Brösterhaus**

Key Account Manager

Railway

Phone: +49 2864 9008 -211

Mobile: +49 170 7977 943

j.broesterhaus@as-drives.com

**Meike Kress**

Project Engineer

Railway

Phone: +49 2864 9008 -178

Mobile: +49 175 2222 265

m.kress@as-drives.com

**AS Drives & Services GmbH**

Industriestraße 30

48734 Reken

info@as-drives.com

www.as-drives.com

Tel.: + 49 2864 9008 0

Fax: + 49 2864 9008 80

