

Rail Wagons

Rail Wagon Service

We are experts in the equipment and maintenance of bulk rail wagons.

In addition to the engineering of bulk rail wagons and the construction of rail wagon unloading systems, our rail wagon service will also ensure a trouble-free operation of your rail wagons.

We have VPI-EMG, ECM and CSC accreditation.



Rail Wagons



Products



Service



Projects



Testcenter





Our services at a glance

- Repair works in the workshop G1.0
- On-site repair – mobile interventions G3.0
- Revision of substructure (all revision levels acc. to VPI-EMG) G4.0, G4.2, G4.3, G4.8
- Brake controls BR0, BR2, BR3
- Maintenance of wheelsets ISO (IL, IS1, IS2 external)
- Revision of bogies – chassis D2 / D3
- Revision – control of superstructure (hoppers) P5
- Inspection and revision of bulk containers (CSC reviewed)
- Paintwork and lettering
- Cleaning operations interior / exterior

Mobile intervention – Description of services

- Fully equipped service vehicle for mobile interventions
- Intervention throughout Switzerland incl. neighbouring countries
- Replacement of brake pads
- Replacement of brake hoses
- Braking tests Br0
- Replacement of dome cover gaskets
- Replacement, cleaning, filling of water separator
- Replacement of any devices and piping components incl. three-way ball valve
- Replacement of manometer
- Replacement of buffer and draw gear
- All lubrication works incl. buffer
- Minor repairs and lettering
- Maintenance report according to VPI-EMG or request of the ECM





Rail Wagons



Standardized, customer-specific maintenance programs are thoroughly implemented and completely documented. In addition, we will be pleased to elaborate suitable maintenance programs adapted to your specific needs and requirements.

Measurement and Testing Technology

We use the latest measuring and test equipment

- **Braking tests** – Pdr 5 through automated default protocol
- **Measuring of bogies** – 3D measurement technology through automated default protocol
- **Measuring of wheelsets** – Laser measurement through automated default protocol
- **Leakage tests** – Pressure vessel incl. piping
- Visual inspection VT1 and VT2 incl. non-destructive tests are ensured by corresponding service providers.



Welding

- Any welding work on bogies, rail wagons and pressure vessel



Rail Wagons



Cleaning

- Internal cleaning (dry) of powder product wagons
- High-performance vacuum cup for complete emptying of bulk material
- External cleaning (wet) for any type of wagon

Spare Part Management

- Retrofits on rail wagon components, for example breaking up, unloading systems, etc.
- Repair of components / devices such as butterfly valves
- All components of most important devices held in stock with STAG AG
- For in-house products see www.stag.net



Organisation Transport / Shunting

Shunting operations carried out by STAG employees with our own shunter from/to Sargans station

Our strengths

- High flexibility
- Customer and solution-oriented approaches
- Customer-specific processes and maintenance schedules
- Personal support by workshop manager
- More than 15 years of experience in the area of rail wagon service
- Specialist in bulk material engineering
- More than 60 years of experience in the area of rail unloading systems
- Short-term mobile interventions throughout Switzerland and the neighbouring countries
- Committed and highly qualified team of employees





Customer-specific Developments

- Optimization (control, performance) of rail unloading systems
- Automatic dome cover closing system
- 3-way ball valve for optimization of air distribution and efficient unloading
- Water separator with automatic discharge valve
- Complete rail wagon unloading systems



Rail wagon types

STAG is your specialist for bulk rail wagons of all kinds. We are at your disposal for carrying out the revision and/or repair of the following wagon types in our workshop:

UCS – UACS – UACNS – FACCS – FACNS – FALS – Bulk returnable containers

For any other wagon type, please contact us for a non-binding request.

Due to the special infrastructure including a rotary disc and pit tracks, we can provide service for freight wagons of the following dimensions:

- Wheel center distance up to 16m
- Overall length over buffers up to 20m

We are certified and approved according to the following regulations

- ISO 9001:2015 – Quality management certificate
- ISO 45001:2018 – Occupational safety and health management system
- VPI-EMG – Maintenance guide
- ECM CIR (EU) 2019/779 – Executing workshop for maintenance and repair of rolling stock
- EN 15085-2:2020 – Welding of rail vehicles and vehicle parts (external Service)
- CSC – Inspection and maintenance of bulk returnable containers

All of the above-mentioned certificates can be downloaded on our website www.stag.net.

We are a member of the Cargo Rail Service Center (CRSC) Association.



Rail Wagons



Your STAG Rail Wagon Service Team



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