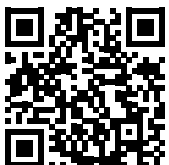
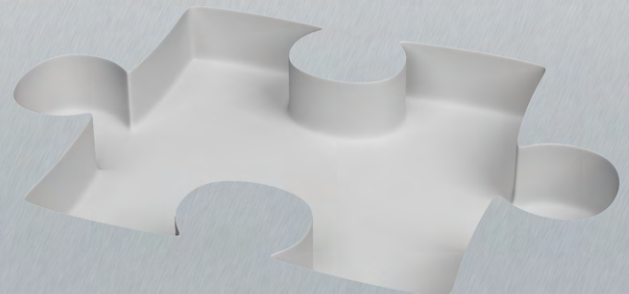



5

Brochure | **Service**

Technical maintenance
for disruption-free operations



More information
schaltbau.com

A scenic landscape at dusk or dawn. The sky is a deep blue, transitioning to a warm orange and yellow glow near the horizon where the sun is setting. Silhouettes of trees and hills are visible against the bright sky. Two bright, parallel lines, resembling a road or a path, lead from the bottom center towards the horizon, creating a strong sense of perspective.

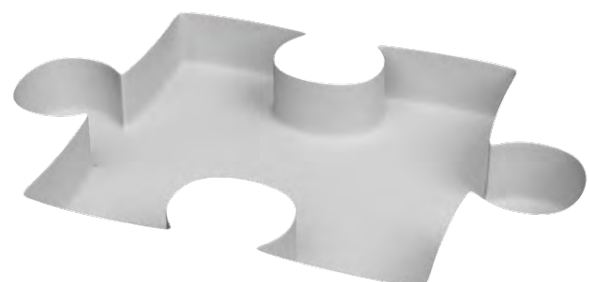
WE ENSURE SMOOTH OPERATION

Maintenance as needed and modernization of complete rail vehicles or their parts is crucial for the operation and service life. A flawless technical condition is an absolute must for the safe, punctual and economical operation of your rail vehicle. Downtimes can instantly cost you customers' trust and money: In addition to the loss in revenue and higher costs, they can also harm the company's image because nothing is more annoying or worrying for the passengers and transporters than delays or cancellations.


SERVICE @ SCHALTBAU

Schaltbau provides comprehensive services via a well-developed service network to make your operations safer, more reliable and more economical. The scope of services offered depends entirely on your requirements, ranging from individual replacement parts to full servicing or an on-site presence at the depot.

Our customer advisors, technicians and engineers are at your disposal – a valuable basis for a good partnership to keep operations running smoothly.



For further information visit

 www.schaltbau.info/service-en

Schaltbau Competence Center Service

Hotline

+49 89 93005-555



e-Mail

service@schaltbau.de



Available for you

With our extensive range of after-sales services, we ensure high availability and a long service life for your Schaltbau product. We provide quick and flexible local support.

We are here for you, personally!

Find a service partner in your region.:

➔ www.schaltbau.info/hotline-en



Our service is local

We provide our services wherever they are required. As part of this, we are able to draw on an extensive international network within the Schaltbau Group as well as on many Schaltbau partners. Efficient organisation and regular depot visits come as standard.



Schaltbau
North America Inc.

Schaltbau
GmbH

Schaltbau North
America Inc.

Schaltbau Ma-
chine Electrics Ltd.

Schaltbau France
S.A.S.

SPII S.p.A.

Location ▶

Munich
Germany

Hauppauge
USA

Cwmbran
United Kingdom

Paris-Argenteuil
France

Saronno
Italy

Region ▶

Germany
Austria
Switzerland

USA
North America

United Kingdom

France

Italy

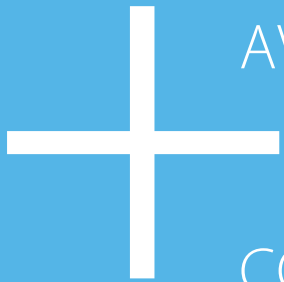
Comprehensive local services

Tailored – comprehensive – reliable



Schaltbau Russia Rep. office	Schaltbau Japan Rep. office	Schaltbau Asia Pacific Ltd.	Schaltbau India Pvt. Ltd.	Schaltbau Radél South Africa (Pty) Ltd.
Moscow Russia	Yokohama Japan	Hong Kong People's Republic of China	Thane (Mumbai) India	Johannesburg South Africa
Russia	Japan	Asia Oceania Australia	India	South Africa

HIGH
AVAILABILITY



COST-EFFICIENT
MAINTENANCE

END-TO-END
PLANNING CERTAINTY

HIGHLY
CONVENIENT



Service – our Portfolio

Specialised in components and systems in driver's cabs and electrical supply units, Schaltbau is able to draw on wide-ranging know-how in advising, planning and executing comprehensive technical maintenance measures, repairs and regular inspections.

We work with you to produce solutions which are tailor-made to integrate into existing vehicles and operating concepts. We aim to deliver on your demands for technical availability and therefore ensure disruption-free operations.



Portfolio for components and systems on rolling stock

- + Repairs
- + Maintenance
- + Overhaul
- + Replacement parts
- + Drop-In
- + Logistics
- + Assembly
- + Analysis
- + Training

Repairs

Replacement or repair? You do not always have to replace a component. If it makes economic sense for you, we will repair your Schaltbau product based on extensive initial diagnostics, including a cost estimate and detailed repair report.

Maintenance

Is your Schaltbau product still in optimum working order? We can provide comprehensive support to meet all requirements throughout its service life. We offer expert technical maintenance for your Schaltbau product based on the intervals and approach defined in your maintenance strategy.

Overhaul

At the end of its service life, a thorough overhaul can allow your Schaltbau product to be used for longer. Based on a reference device, we can design all measures for your Schaltbau product with a view to extending its service life or adding extra technical functions.

Replacement parts

Having an optimal supply of replacement parts plays a significant role in ensuring the vital high availability of your Schaltbau product. We offer tailored concepts (e.g. replacement part kits) so that replacement and wear parts in Schaltbau quality are available over the standard market service period and beyond.

Drop-in

Obsolescence is an important factor affecting the long-term availability of your Schaltbau product. If products are no longer available on the market, design-in solutions may be the answer. We ensure long-term availability in general and develop tailored alternative solutions for your refurbishment project, delivered e.g. as a ready-to-install "plug-in".

Logistics

We offer rapid global delivery and ensure on-time availability of parts and materials, also within defined reaction times if agreed. Our global location and partner network enables us to serve you locally.

Assembly

Do you need additional help with fitting your Schaltbau product? We are happy to take care of on-site installations, modifications, removals and commissioning.

Analysis

What condition is your Schaltbau product in? Are you sure that it can still be used without causing any problems? We analyse the product's performance and advise you on optimising its use.

Training

Know-how makes the difference! We offer you tailored training courses on commissioning, using and servicing your Schaltbau product. Whether in-house or directly on site – we guarantee efficient knowledge transfer via our training packages.

Quality and the environment



Certified to
DIN EN ISO 9001
since 1994



Certified to
DIN EN ISO 14001
since 2002



Certified to
IRIS since 2008



Schaltbau GmbH

For detailed information on our products and services visit our website – or give us a call!

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81829 Munich
Germany



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Fax +49 89 9 30 05-350
Internet www.schaltbau.com
e-Mail contact@schaltbau.de

with compliments:

Electrical Components and Systems for Railway Engineering and Industrial Applications



Connectors

- Connectors manufactured to industry standards
- Connectors to suit the special requirements of communications engineering (MIL connectors)
- Charging connectors for battery-powered machines and systems
- Connectors for railway engineering, including UIC connectors
- Special connectors to suit customer requirements



Snap-action switches

- Snap-action switches with positive opening operation
- Snap-action switches with self-cleaning contacts
- Enabling switches
- Special switches to suit customer requirements



Contactors

- Single and multi-pole DC contactors
- High-voltage AC/DC contactors
- Contactors for battery powered vehicles and power supplies
- Contactors for railway applications
- Terminal bolts and fuse holders
- DC emergency disconnect switches
- Special contactors to suit customer requirements



Electrics for rolling stock

- Equipment for driver's cab
- Equipment for passenger use
- High-voltage switchgear
- High-voltage heaters
- High-voltage roof equipment
- Equipment for electric brakes
- Design and engineering of train electrics to customer requirements