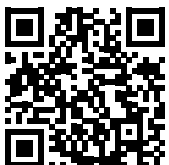
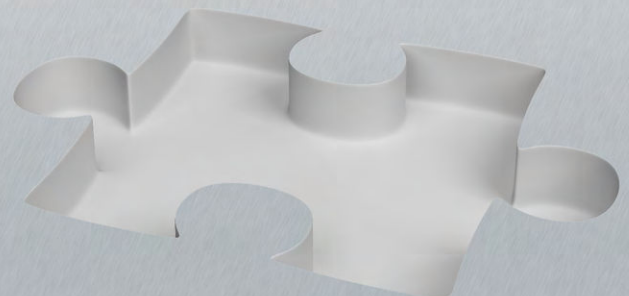


# 5

Brochure | **Service**

Technical maintenance  
for disruption-free operations



More information  
[schaltbau.com](http://schaltbau.com)

A night landscape with a road leading to a sunset over mountains and trees. The sky is a deep blue, and the sun is setting behind the mountains, creating a warm orange glow. The road is illuminated by two bright lines that converge towards the horizon. The trees on the left are silhouetted against the sky.

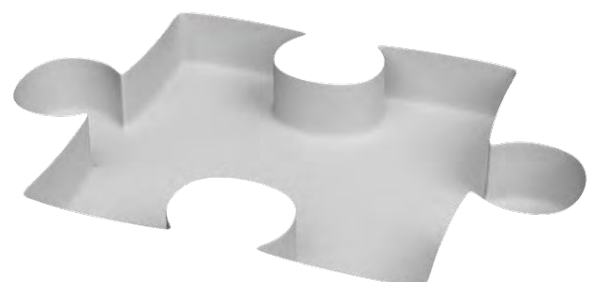
## ***WE ENSURE SMOOTH OPERATION***

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](http://www.schaltbau.info/service-en)



## Schaltbau Competence Center Service

### Hotline

+49 89 93005-555



### e-Mail

[service@schaltbau.de](mailto: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!

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Find a service partner in your region.:

➔ [www.schaltbau.info/hotline-en](http://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 GmbH

Schaltbau North America Inc.

Schaltbau Machine 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.

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### Portfolio for components and systems on rolling stock

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



## Repairs

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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

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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

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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

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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

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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

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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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Internet [www.schaltbau.com](http://www.schaltbau.com)  
e-Mail [contact@schaltbau.de](mailto: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