



STRONG PARTNERS.
STRONG RAILWAY.

Rail Lifecycle | Spot Worksite Execution | Urban Maintenance

www.robels.com



WHY IT'S SMOOTH TRAVELS WITH THE ROBEL GROUP

All of the Group's business units and all 900 employees in our companies work towards an efficient infrastructure in the railway system. Every day and everywhere. As a customer, you demand solutions from us. As partners, we mesh like cog-wheels that are readjusted according to requirements and reassembled according to the specialized knowledge needed. At the end of the day, your construction site has to function safely and economically.

With our machines and services, we provide you with the tools you need to tackle the challenges of our time – demographic change, digitalization, and the international commitment to decarbonization. You can rely on this and on the ROBEL Group, for over 100 years and in the future.

Our motivation is to work with you to put rail on track as the most environmentally friendly mode of transport.

Wolfgang R. Fally
CEO of ROBEL Holding GmbH

ROBEL GROUP SERVICES

The ROBEL Group designs track maintenance processes. The focus here is on three key application areas for our customers.



RAIL MANAGEMENT

over the entire life cycle

- Transport, unloading, and loading
- Monitoring the condition of the rails
- Value-preserving rail treatment



TRACK MAINTENANCE

Executing individual activities

- Building new track with a focus on economy and ecology
- Maintaining railway infrastructure
- Special projects related to occupational health and safety, productivity increase, and process speed



URBAN EXPERTISE

Maintenance in urban environments

- Logistics for people and materials
- Working in tunnels and stations
- Emission reduction



POWERFUL MACHINES. STRONG RAILWAY.



THE RIGHT SOLUTION FOR EVERY APPLICATION.

ROBEL MACHINERY & TOOLS

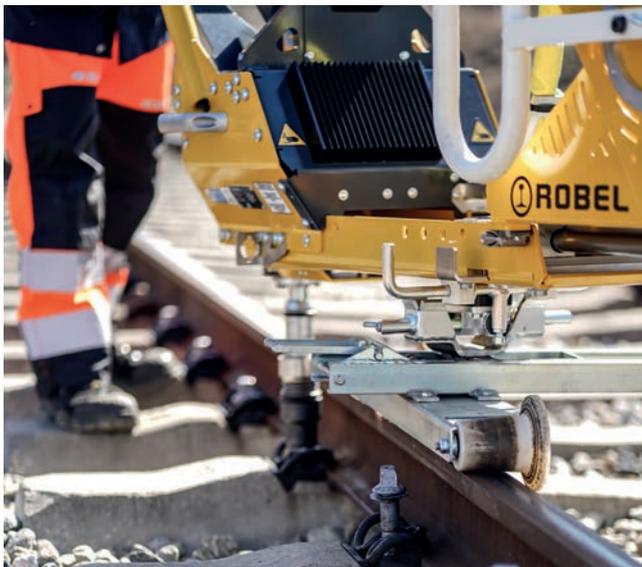
With a large variety of handheld machines, ROBEL covers all applications in track maintenance - with conventional combustion engines and, of course, with battery-powered solutions. All products are developed with the aim of making track work safer, more ergonomic, and more environmentally friendly.



OFFERING

Handheld machines

- All activities in new construction and maintenance
- E³ battery technology for emission-free construction sites
- Wide range of accessories and consumables
- Professional after-sales service



Contact:

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Visit [robels.com](https://www.robels.com) for more information about ROBEL Machinery & Tools



THE GROUP FACTOR

Knowing how it works

From drives to ergonomics - 120 years of operational experience in handheld track maintenance also flows into the Group's other products.



STRONG LOGISTICS. STRONG RAILWAY.

—
INNOVATION FOR GENERATIONS.

ROBEL SYSTEMS & VEHICLES

ROBEL has been supplying rail vehicles and maintenance systems to public and private railway operators and construction companies worldwide for 70 years. Close cooperation with customers and innovation drives intelligent technical solutions for occupational safety, environmental protection, economic efficiency, and increased productivity.



OFFERING

On-track machines

- Work vehicles for plain-line track, urban areas, tunnels, or high-speed lines
- Mobile maintenance systems
- Rail management systems
- Track vehicles and trailers
- Track bed maintenance machines



Contact:

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Visit [robel.com](https://www.robel.com) for more information about ROBEL Systems & Vehicles



THE GROUP FACTOR

Getting things done quickly

Almost every ROBEL vehicle has both manoeuvrable lightweight machines and measuring systems for selective troubleshooting and monitoring on board.



STRONG KNOW-HOW. STRONG RAILWAY.

FOR RAILS THAT ARE MADE TO LAST.

ROBEL RAIL TREATMENT

ROMILL rail treatment systems are based on the collaboration of specialists: ROBEL's mechanical engineering expertise, Schwebbau International's milling technology, Vogel & Plötscher's measuring technology, and Plasser Robel Services' complete life-cycle services. This combined know-how results in maintenance strategies and innovative complete track solutions.



OFFERING

Rail milling trains

- Modern rail maintenance for heavy rail systems and urban applications
- Efficient and unique milling, grinding, and measuring technology
- Eliminates safety risks, delays, and noise pollution
- All in one pass: rail defect measurement, rail correction, finishing, and documentation

Contact:

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Visit [railtreatment.de](https://www.railtreatment.de) for more information about ROBEL Rail Treatment



THE GROUP FACTOR

Partnership at its best

If everyone does what they do best, the end result is a top-quality rail.



**STRONG PROCESSES.
STRONG RAILWAY.**

AUTOMATED TRACK MAINTENANCE.

ROBEL RAIL AUTOMATION

ROBEL Rail Automation pursues development projects for the automation of maintenance processes in railway infrastructure and, in doing so, contributes to better working conditions and reproducible results in track maintenance. The company designs modular components such as robotic solutions for track maintenance or automated track inspection vehicles.



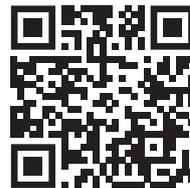
OFFERING Automation

- Turnout and infrastructure maintenance: measuring, milling, and welding
- Battery-operated, self-propelled measuring platform for accommodating various measuring systems
- Robotics as a means of automation: precise, repeatable, fast as well as safe and reliable
- Digital recording and documentation of the current situation, processes, and the results



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Visit railautomation.com for more information about ROBEL Rail Automation



THE GROUP FACTOR

Start-up with a background

The ROBEL Group supplies the solution needed to get automation on track.



POWERFUL TECHNOLOGY. STRONG RAILWAY.

DIVERSE, IN-DEPTH, AND PRECISE.

VOGEL & PLÖTSCHER

V&P is a leading manufacturer of measuring technology for track maintenance. Handheld devices and solutions integrated into vehicle systems measure and analyse rails and turnouts, track geometry, and the condition of the rail, reliably providing precise data for troubleshooting. V&P also develops and builds customized electric axial flux motors.



OFFERING

Measuring technology & electric motors

- 60 years of experience in the development of track measuring devices
- Full-service provider Made in Germany
- Analogue and digital devices incl. software
- Customized special solutions
- Drive technology in axial flow technology
- Robust and compact traction drives
- In-house component production



Contact:

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Visit vogelundploetscher.de for more information about Vogel & Plötscher



THE GROUP FACTOR

Exactly what is needed

Without measuring, railway maintenance machines cannot be used effectively, and without electric motors, emission-free construction sites would not be feasible.



STRONG SERVICE. STRONG RAILWAY.

OUR SERVICE KEEPS YOUR MACHINES RUNNING LIKE CLOCKWORK.

PLASSER ROBEL SERVICES

PRS provides support over the entire life cycle of Plasser & Theuer and ROBEL on-track vehicles and machines. With 250 employees at three locations in Germany, PRS is not only the largest service organization in the Plasser & Theurer Group, but also the only full-service provider on the market.



OFFERING

Complete machine service

- Customer service
- Spare parts supply
- Overhauls, repairs, and retrofits
- Reconditioning of tamping units
- Wheelset and bogie service
- Purchase/Sale and leasing of used machines

Certifications & Licensing

- **DIN EN ISO 9001** Quality management system
- **DIN EN 15085** Welding of rail vehicles and vehicle parts
- **ECM 1-4** Entity in Charge of Maintenance
- **DIN 27201-7** Non-destructive inspection
- **SNCF, RISAS, DB HPQ** Joining of running and driving wheel sets



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Visit pr-services.com for more information about Plasser Robel Services



THE GROUP FACTOR

Partner over the entire machine life cycle

Every machine on the track is only as good as the service it receives over its entire service life.



STRONG DATA. STRONG RAILWAY.



FLEET STATUS WITH ONE CLICK.

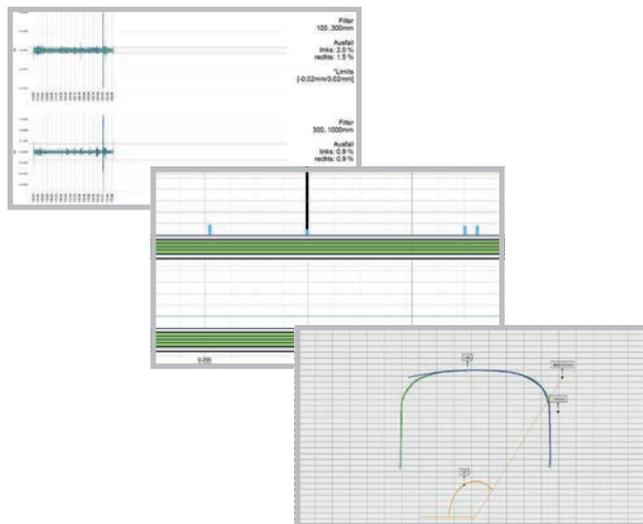
THE ROBEL GROUP'S DIGITAL SOLUTIONS

The ROBEL Group integrates forward-looking topics into its services. Consistent digitalization of all processes - from the way machines work to monitoring and data processing - increases efficiency and transparency. At the same time, it provides an answer to demographic change and the opportunity to make the best possible use of skilled workers.



CONNECTIVITY SOLUTION CONNECTED | Datamatic

- User-friendly, configurable web platform
- All relevant machine information at a glance
- Fleet management & tracking
- Online maintenance plan, notifications and reporting



SOFTWARE SOLUTIONS Measuring data analysis

- Contact-based longitudinal profile measurement for measuring the rail surface
- Sensor-based measuring system for detecting rail defects using eddy current
- Laser-based cross-section measurement to determine the wear reserve both as pre- and post-measuring



Visit [vogelundploetscher.de](https://www.vogelundploetscher.de) for more information on Vogel & Plötscher measuring technologies

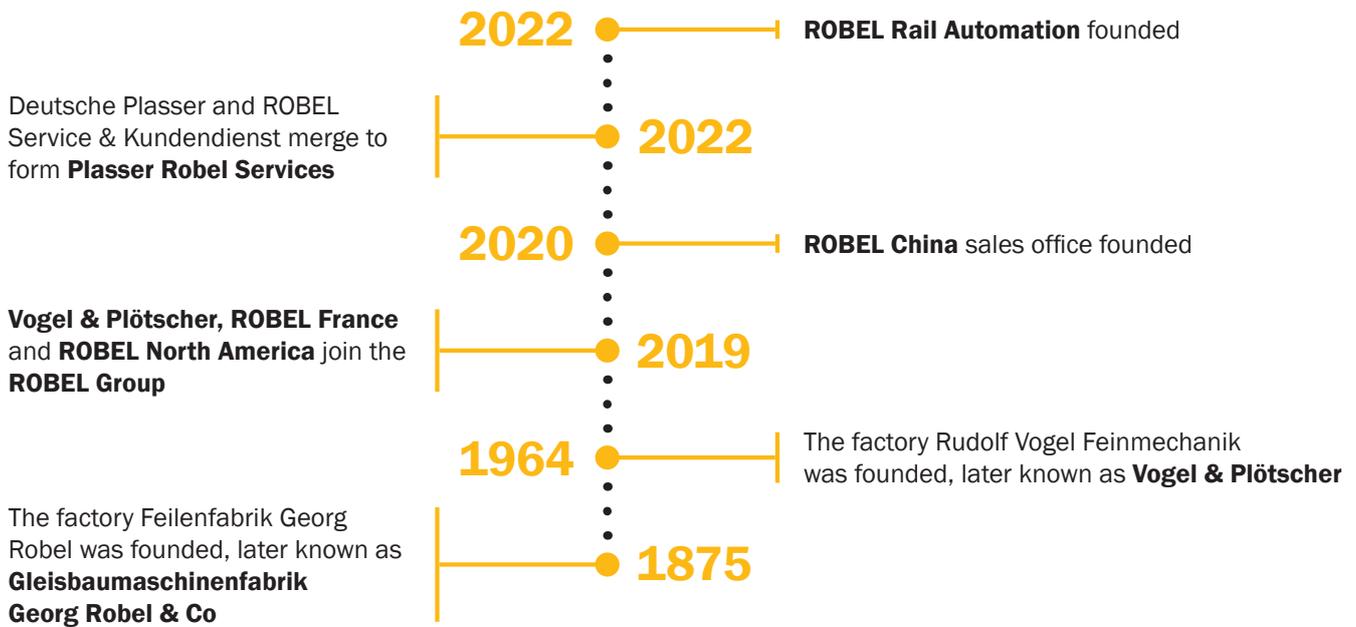


THE GROUP FACTOR

Data sovereignty at the touch of a button

Whether from the manufacturer, from the track or from the machine, all the data comes together at your end.

THE ROBEL GROUP IN FIGURES





900

Employees
ROBEL Group

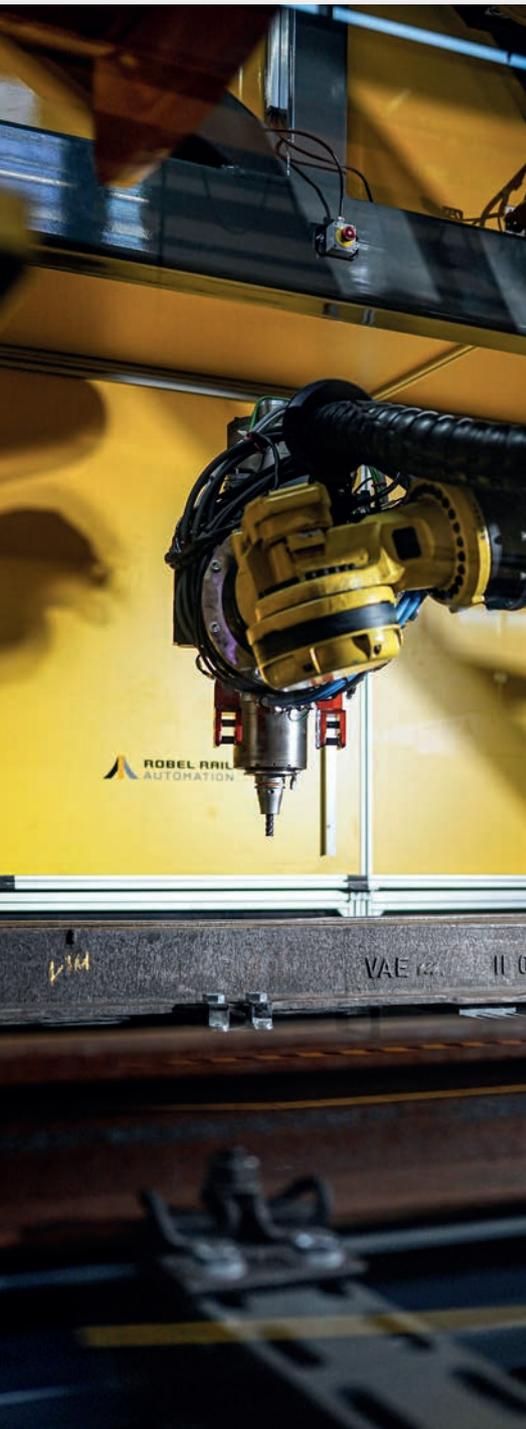
6 Business Units

4 Locations in Germany

60 Contact points worldwide

3 International branches





VISIT ROBEL.COM FOR MORE INFORMATION

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