



Products & Services

CATALOGUE

railcare

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Intro





**Freight
transports**

**Workshop
in Pitkäljärvi**

**Ballast
replacement**

**Stand-by
locomotives
and special
transports**

**Cable
management**



**Construction
transport**

**Head
quarter in
Skellefte-
hamn**

**Drainage
and culvert
renavation**

**Workshop
in Skellefte-
hamn**

**Workshop
in Långsele**

**Machine
sales**

We know the true value of time on track

With more than 30 years of experience in the railway industry, Railcare combines expertise, innovation and specialized resources to deliver safer and more reliable railways.

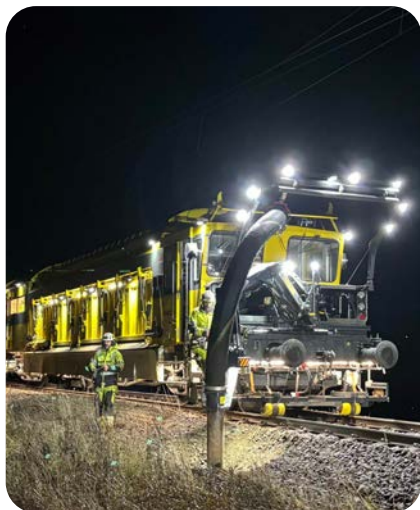
Operating across transport, contracting, technology and machine development, we understand the railway industry from multiple perspectives enabling us to create efficient and sustainable solutions for our customers.

Our services include effective track maintenance with proprietary machinery, dependable rail transport with

our own locomotives and drivers, locomotive and wagon workshop services, as well as advanced machinery and technology development.

Whatever railway challenge you face, don't hesitate to contact us. We are ready to help you turn it into a solution!

Business Areas



TECHNOLOGY

Machinery and locomotive development in close collaboration with our customers. Design, construction, modernisation, service and maintenance.



CONTRACTING

Railway maintenance and contracting services using our own in-house developed machinery. For example, cable and ballast works, drainage and snow clearance.



TRANSPORT

Rail transport solutions using our own locomotives and drivers. Freight, construction and special transport services, as well as clearance locomotives on standby.



Short facts about Railcare



BASIC FACTS

Employees



200+

Turnover



670 MSEK
(2025)

Workshops



x3

BUSINESS AREAS



Technology



Contracting



Transport

BUSINESS CONCEPT: In close partnership with its customers, Railcare shall develop efficient and sustainable services, products and methods for the railway industry's various segments. We achieve this through a strong safety culture, competent staff, high quality, and reliable delivery.

Railcare Group AB (publ) shares are listed on the Nasdaq Stockholm Small Cap market.



Products



The Railcare Method

The future of railway maintenance

Railcare offers innovative and effective solutions for railway maintenance that increase operational reliability and minimise traffic disruptions. With our proprietary technology, modern machinery and extensive experience, we can carry out work quickly, safely and cost-effectively with less impact on tracks and the surrounding area than traditional methods.

Would it be valuable if...

...making it possible to remove temporary speed restrictions after track maintenance possessions of less than 8 hours?

... both rails and sleepers can remain in-situ while the ballast is being replaced?

...there are no damages to buried services during the ballast renewal?

...this is a sustainable measure that includes installing geotextile, geogrid, or geoweb and possibly improving drainage?

...you can handle other ballast issues on bridges, in multiple track areas, in tunnels, and in switches?

...you could be cleaning out drainage cess pits within the same possession, to improve the overall track quality?

...you have a fully operational machine crew of 3 people (two operators and one supervisor)?

...you could excavate an under track crossing (UTX) in just minutes?

The Railcare Method

A well-proven production concept

When several steps are performed with quality, simultaneously, we save time and maintain track quality generating a minimum need for follow-up treatment.

No need to remove the track thanks to a unique and demonstrated high-powered and precise vacuum excavation technology. Solves a number of various track bed and off-track issues on your entire infrastructure.

Railway specialist Railcare offers products and services that enhance customer's reliability, punctuality and profitability.

- Swedish pioneers who revolutionise the railway industry with unique vacuum machines and a new way of maintaining the railway. A technology and method developed since the company started in 1992.
- Our field-tested innovations have been successfully implemented, providing clear evidence of its effectiveness in real-world operations. Expedited possession to maximize track utilization.
- Approximately 50 Railvac units have been sold in 30 years of operation, and are now present on several continents. Vacuum machines that are both powerful, efficient and precise with their gentle excavation method.
- Future ways of working, with safety first and the operator's working environment in focus.



Railcare's solution

Railvac Vacuum Excavator + Ballast Feeder System
= **Efficient and sustainable track maintenance**



Applications

Enhance several of the railway's maintenance backlogs

Here are examples of the repeated railway maintenance and renewal activities where the Railcare Method will enhance track geometry, quality, and safety long-term, at the same time as it reduces the number of implemented Temporary Speed Restrictions.

Area	Condition and Impact	Main activities	Optional activities
Switches & Crossings	Weak ballast -> poor geometry, TSRs, delays, high component wear	Reballasting, Drainage maintenance, Bearer/sleeper replacement	Catch pit cleaning, Reinforcement (geotextiles/geogrids), Cable renewal/relocation
Plain Line	Wet/contaminated ballast -> unstable track, TSRs, repeated tamping ineffective	Reballasting, Drainage maintenance, Sleeper replacement	Catch pit cleaning, Reinforcement layers, Drain flushing, Pipe repair
Level Crossings & Islands	Transition defects -> poor ride, TSRs, component wear	Reballasting, Sleeper replacement, Cable relocation	Reinforcement layers, Cable installation
Stations & Complex Layouts	Contaminated ballast -> poor geometry, TSRs, risk to buried assets	Reballasting, Drainage maintenance, Cable relocation, Track adjustment	Reinforcement layers, Catch pit cleaning, Vegetation & ballast renewal
Tunnels & Bridges	Degraded ballast & drainage -> TSRs, noise/vibrations, long-term instability	Reballasting, Drainage maintenance, Sleeper replacement, Cable relocation	Noise/vibration layers, Bridge sealing, Transition reballasting, Reinforcement layers
Drainage & Off-Track	Failed drainage -> poor geometry, TSRs, recurring defects	Drainage repair/installation, Catch pit cleaning, Reballasting	Reinforcement layers
Railway Enhancements	Risk to buried cables during upgrades -> failures, delays, high costs	Trial holes, UTX excavation, Cable relocation	Cable installation, Trough cleaning
SE&T incl. ERTMS	Redesign & poor records -> high cable damage risk, delays, costs	Trial holes, UTX excavation, Cable relocation	Cable troughs, Cable installation, Trough cleaning



Railcare's solution

Reballast bridges during a 8 hours possession with long-lasting results.

= Efficient and sustainable track maintenance



Our Machines

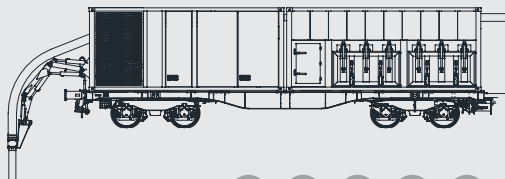


Railvac™ Eco - Suction Module (diesel or electric)

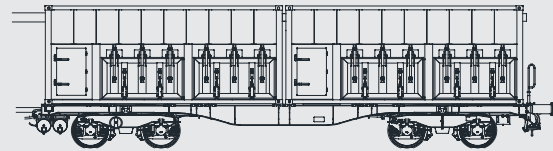
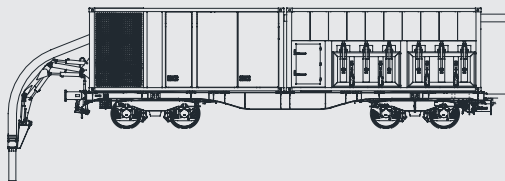
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Material Storage Module

Fan based Vacuum



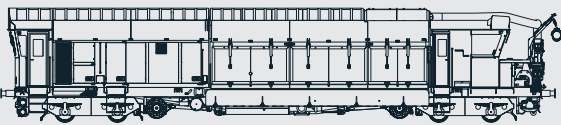
High Power Vacuum



Your choice of unloading; right and/or left, top or closed module.

Railvac™ Pro - Base Unit (diesel)

High Power Vacuum Diesel

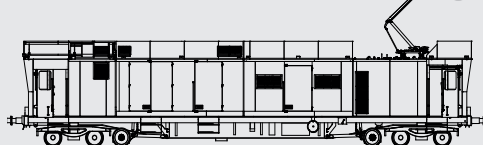


Railvac™ Electric - Power Unit

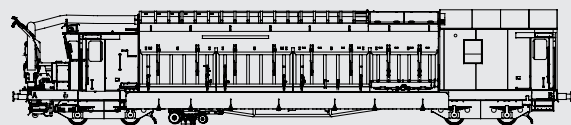
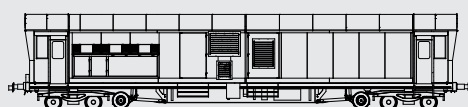
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Manipulator Hose and Material Storage

Powered by overhead line and battery



Powered by battery

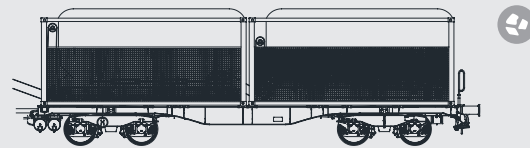
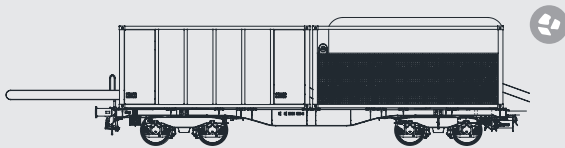


DUST:  LEAVES:  GARBAGE:  WATER:  MUD:  BALLAST:  GRAVEL/SAND:  SNOW AND ICE: 

Ballast Feeder Eco - Feeder Module

+

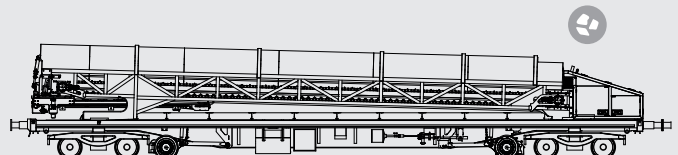
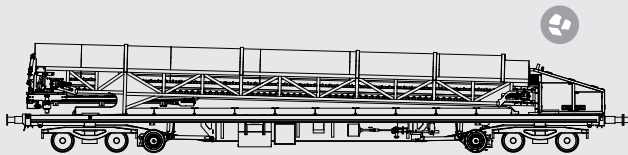
Expansion Module



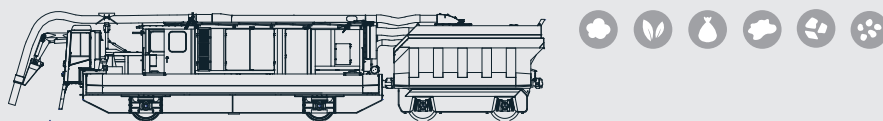
Ballast Feeder Pro - Feeder Unit

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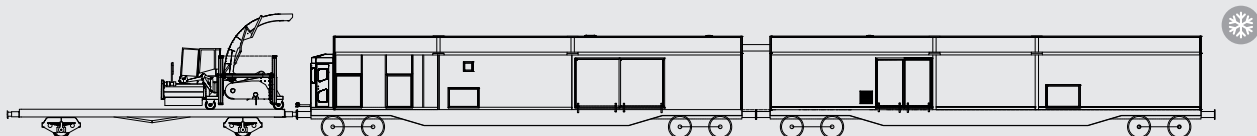
Expansion Unit



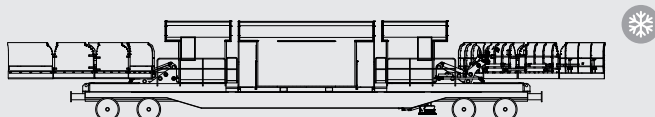
Railvac™ Customised



Snow Melter



Snow Plough



Railvac™ Eco

Modular vacuum performance

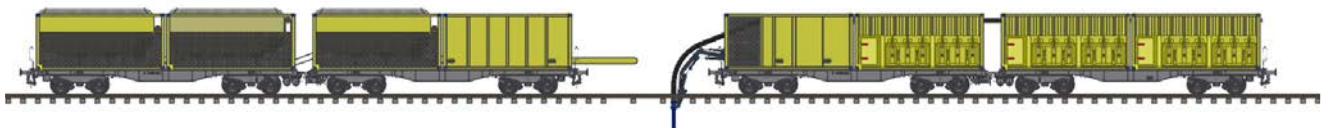
Railvac Eco is a modular solution based on our proven vacuum technology, developed to deliver high flexibility and broad accessibility across a wide range of railway networks. Designed with demountable modules, the system can be deployed quickly and efficiently without the need for complex approval processes.

Optimized for small to medium-sized projects within railway maintenance and infrastructure, Railvac Eco allows you to tailor the configuration to match your specific operational requirements. Depending on the application, you can choose between fan-based or high-vacuum technology. The system is powered by a flexible power unit, available in both diesel and fully electric

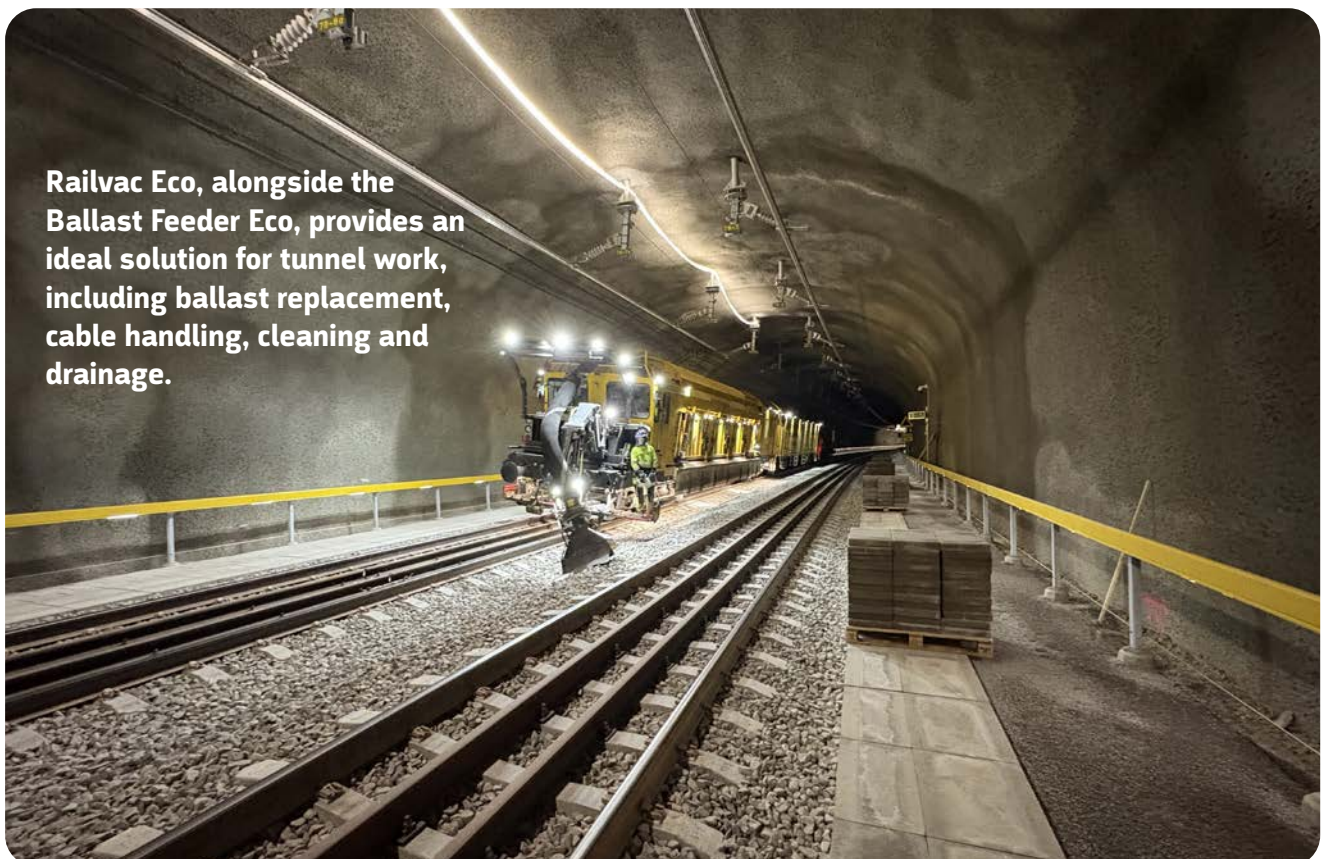
versions to support different operational and environmental needs. The modular design also includes a range of interchangeable material containers, enabling efficient handling of different types of materials and ensuring optimal performance in varying project conditions.

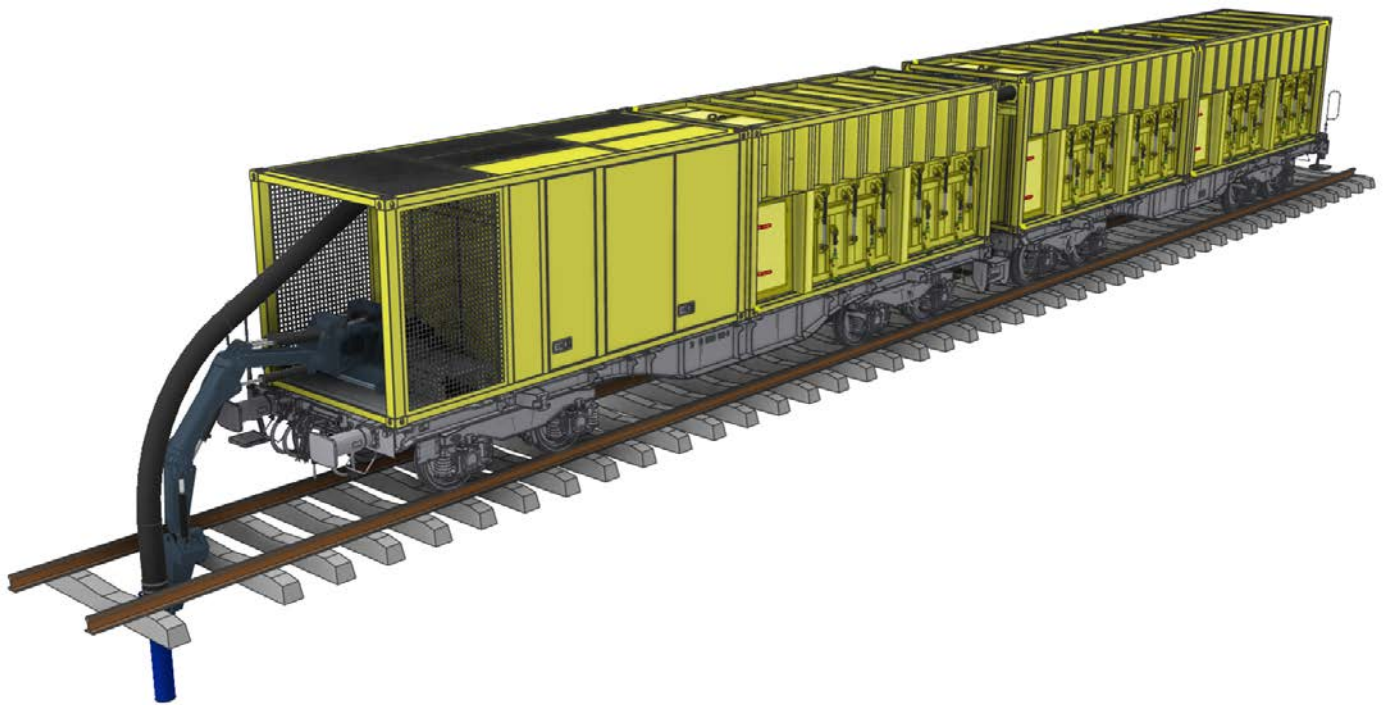
With Railvac Eco, you create a customized solution by combining the right modules for each task. The result is a highly flexible, efficient, and reliable system built to perform in real railway environments.

Railvac Eco, together with Ballast Feeder Eco, enables efficient railroad maintenance during short work windows.



Railvac Eco, alongside the Ballast Feeder Eco, provides an ideal solution for tunnel work, including ballast replacement, cable handling, cleaning and drainage.





- **Modular flexibility**
- **Easy and fast deployment**
- **Efficient and reliable performance**



One Demountable Power Unit Suction Module

Dimensions	20' demountable module. Width: 2438 mm, Height: 2591 mm, Length: 6058 mm (maximum dimensions) Designed, manufactured, and assessed according to applicable sections within EN 14033-3:2017, ISO 668, ISO 1161, and CSC (Container Safety Convention)
Certification	CE – Machine Directive 2006/42/EG
Power Source	Caterpillar C9.3B Stage V / Tier 4f 340 kW engine with Ad Blue
Vacuum source	Vacuum pump (roots compressor) generating -930 mbar of vacuum
Excavation arm	Railcare Hose Manipulator Arm RHC 900, including Remote Control
Spoil material conveying	8-inch heavy-duty rubber suction hose
Hydraulic system	Manoeuvring the arm, spoil material, unit hatches
Electrical control system	24 VDC

One Spoil Material Storage / Conveying Demountable Module

Dimensions	20' demountable module. Width: 2438 mm, Height: 2591 mm, Length: 6058 mm (maximum dimensions) Designed, manufactured, and assessed according to applicable sections within EN 14033-3:2017, ISO 668, ISO 1161, and CSC (Container Safety Convention)
Certification	CE – Machine Directive 2006/42/EG
Power source	24 V battery-powered hydraulic package
Spoil material storage capacity	Approx. 15 m ³
Unloading	Side dumping; left or right-side battery-hydraulic operated hatches
Airstream filtration	Main filter of 50 m ² for the second dust removal stage

Want to see our machines in action?

Scan the QR code to access our product page and discover videos showcasing their performance.



Railvac™ Pro

Efficient and gentle railway maintenance

Railcare's Railvac Pro is more than just a maintenance machine – it's a modern, high-performance method for carrying out railway work with precision. Equipped with high vacuum technology, a spacious material container, and a flexible manipulator arm with interchangeable nozzles. The Railvac Pro is self-propelled, which means it operates with minimal resources.

The machine handles everything from cable work and ballast replacement to the removal of mud and dust.

Thanks to its short setup time and high efficiency, maintenance tasks can often be completed within a single shift, allowing the track to return to service quickly. Collected material can either be redeposited or transported to a designated location – providing a flexible and streamlined workflow.

Railvac Pro is particularly well-suited for sensitive areas such as switches, bridges, and tunnels. Its gentle vacuum technology minimizes impact on railway infrastructure, leaving cables, sleepers, and other critical components intact.





- **Equipped with powerful vacuum technology**
- **Fast Setup, Quick Turnaround**
- **Self-propelled**



Hose Manipulator

Side dumping of excavated material on both sides	
On-board spoil storage	25 m³
Maximum excavation capacity	40 m³ per hour
Average excavation capacity	25 m³ per hour
Driving position in Manipulator end with all control functions for operation	
Driving position in Rear end with workbench, toolboxes and storage shell	

Manipulator working range with standard Nozzle*

Horizontal from centre of track to each side	5.4 m
Horizontal from headstock forward the track	4.7 m
Vertical below rail	1.1 m
Nozzle diameter	200 mm

*other nozzles are available

Dimensions

Length – Overall	21.24 m
Length – Headstock	20.28 m
Length – Bogie centres	14.20 m
Weight – Empty condition	60 tonnes
Loading gauge	UIC C / G2

Want to see our machines in action?

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Railvac™ Electric

Efficient railway maintenance – emission-free

This is the future of railway maintenance machines. Our OTM can be powered via the overhead line with simultaneous battery charging, or operated fully on battery, offering maximum flexibility and sustainability. With this solution, Railcare sets a new standard in innovative technology and forward-thinking, environmentally conscious operations.

Ideal for work in tunnels and urban environments, this solution meets the needs of customers requiring low-impact operations in sensitive areas. By significantly

reducing noise and eliminating exhaust emissions, it effectively addresses the unique challenges associated with working in these demanding environments.

Our material wagons are used to complement the Railvac Electric. The material wagon collects excavated material using a hose manipulator with high excavation capacity. The excavated material is stored on board. Collected material can either be redeposited or transported to a designated location – providing a flexible and streamlined workflow.

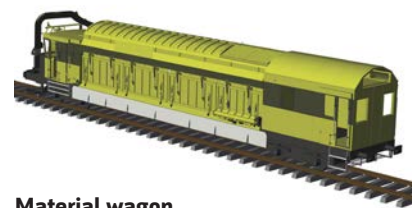




Powered by overhead line and battery



Powered by battery



Material wagon

- **Working and charging ability from the overhead line**
- **Zero emissions of fossil fuel**
- **Reduced noise**



Machine data - Powered by overhead line and battery

Powered by overhead line, 15 kV, 1-phase with a frequency of 16 2/3 Hz	
Working and charging ability from the overhead line	
Battery System voltage	800 VDC
Battery capacity	375-750 kWh
3-phase charging ability	
Fully electric propulsion	
2 vacuum pumps for -930 mbar	
Airfilter with 99,9% efficiency	
Air- and Hydraulic supply for external equipment	

Machine data - Powered by battery

Vacuum source	2 vacuum pumps for -930 mbar
Battery System voltage	800 VDC
Battery capacity	375-750 kWh
Charging ability	3-phase
Propulsion	Self-propelled with electric traction, 20-40 km/h

Power unit - Speeds

Maximum speed, self-propelled working mode	25 km/h
Maximum speed, hauled in train formation	100 km/h

Power unit - Work environment

Double Manouvering Position	
Easy access to high voltage room and hydraulic room through driving positions	100 km/h

Power unit - Dimensions

Length – Overall	20.59 m
Length – Headstock	19.35 m
Length – Bogie centres	15.05 m
Weight	69 tonnes
Loading gauge	Profil A

Capacities - Material wagon

Hose Manipulator	
Side dumping of excavated material	
On-board spoil storage	36 m³
Maximum excavation capacity	60 tonnes (40 m³) per hour
Average excavation capacity	30-40 tonnes (20-25 m³) per hour
Driving position in Manipulator end, with all control functions for operation	
Workbench with toolboxes and storage shell	
Operator cabin with sitting positions for 4 people	
Small kitchen with refrigerator and microwave oven	

Manipulator working range

Horizontal from centre of track (with standard nozzle)	5.4 m
Horizontal from headstock (with standard nozzle)	4.7 m
Vertical below rail (standard nozzle, longer nozzles are available)	1.1 m
Nozzle diameter (standard)	200 mm

Dimensions - Material wagon

Length – Overall	21.24 m
Length – Headstock	20.28 m
Length – Bogie centres	14.20 m
Weight – Empty condition	51 tonnes
Loading gauge	Profil A

Want to see our machines in action?

Scan the QR code to access our product page and discover videos showcasing their performance.



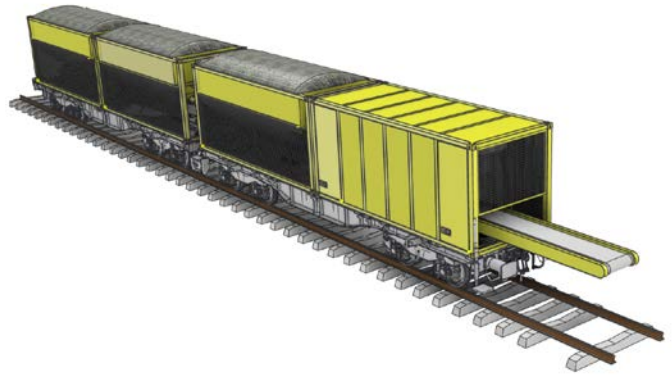
Ballast Feeder Eco

Modular flexibility for precise ballast distribution

Ballast Feeder Eco is a modular ballast handling solution built on standard wagons with standardized dimensions, ensuring compatibility with most railway networks and enabling a smooth, minimal approval process.

Designed for small to medium-sized projects, it allows precise and controlled ballast refilling directly where it's needed. The system can be configured and scaled by coupling as many ballast wagons as required, providing the capacity and flexibility to match your specific project demands.

With its modular design, Ballast Feeder Eco offers high adaptability and efficient logistics, making it easy to tailor a solution for each operation. The result is a flexible, reliable system that delivers accurate ballast distribution with minimal disruption and maximum efficiency.



Ballast Feeder Eco, together with Railvac Eco, enables efficient railroad maintenance during short work windows.

- **Modular and scalable capacity**
- **Seamless network compatibility**
- **Precise and efficient ballast distribution**



One Feeder Module and one Demountable Ballast Module

Dimensions	20' demountable module. Maximum dimensions - Width: 2438 mm, Height: 2591 mm, Length: 6058 mm The modules are designed, manufactured, and assessed according to applicable sections within EN 14033-3:2017, ISO 668, ISO 1161, and CSC (Container Safety Convention).
Certification	CE – Machine Directive 2006/42/EG
Power Source	Caterpillar C3.6 Stage V / Tier 4f 55 kW engine without Ad Blue
Hydraulic system	For manoeuvring the belt conveyors and material hatches
Electrical Control System	24 VDC
Material storage capacity	Approx. 12 m3 of material each Ballast Module
Loading	Top loaded
Operation	Each Ballast module is individually operated and unloaded via the Feeder module

Want to see our machines in action?

Scan the QR code to access our product page and discover videos showcasing their performance.



Ballast Feeder Pro

Your most efficiency way to replace ballast

The Ballast Feeder Pro are self-propelled and can work independently, or coupled together as multi silo wagons to supply larger volumes of reballasting or backfilling material. The front belt conveyor, used for material distribution, can swing 180 degrees from side to side to drop the material exactly where it is needed, in the correct volume and with a high level of precision. At the same time the BFS's transmission system guarantees safe and precise vehicle movement inside possessions.

The Ballast Feeder System is designed to operate together with Railvac Pro vacuum excavators and the complete Railcare removal/backfilling set up offers a unique industrial approach to the time-consuming removal, reballasting or backfilling process. Railcare's Ballast Feeder Systems are dead hauled to and from site, together with the Railvac OTM's and once disconnected it transforms into a self-propelled OTM in a few minutes.



- **High capacity, flexible material handling**
- **Precise, safe and reliable operation**
- **Works under live overhead lines**



Carrier	
Wagon model	KFA
Desing code	KF058A
Speed	
Hauled in train formation	100 km/h
Self-propelled	5 km/h
Handling capacities	
On-board storage	45 tonnes
Machine data	
Engine power	2 x 55 kW
Belt conveyor working range	
Horizontal from centre of track	5.4 m

Dimensions	
Length – Overall	20,59 m
Length – Headstock	19,35 m
Length – Bogie centres	15,05 m
Weight Tare (maximum)	45 tonnes
Weight - Laden	90 tonnes
Axle load - Laden	22,5 tonnes
Loading gauge	W6a

Want to see our machines in action?

Scan the QR code to access our product page and discover videos showcasing their performance.



Customised Railvac

Swedish engineering, technology proven in operation

We design and build customized machines based on advanced vacuum technology, developed to handle real challenges in railway maintenance.

Our equipment is built with Swedish quality at its core, combining robust engineering, reliability, and long service life. What truly sets us apart is our hands-on experience. We don't just design machines, we use them ourselves in demanding railway contracting projects every day. That practical knowledge is built into every solution we deliver.

The result is a machine that works where it matters most. From removing fine dust and leaves to handling heavy ballast and compacted clay, our vacuum technology provides efficient, precise, and controlled material

removal, reducing manual work, minimizing track disruption, and improving safety on site.

Each machine is tailored to your specific needs, ensuring the right capacity, configuration, and functionality for your operations. Whether for routine maintenance or complex infrastructure work, Railcare delivers solutions that perform in real conditions.

With Railcare, you get more than a machine, you get proven technology, built on experience, and engineered to keep your railway running smoothly.

- Built on real-world experience
- Customized for your operations
- Powerful and precise material handling



Minevac (cleaning jobs in mines or in industrial areas)

Suction capacity	max 15 m3/h
Loading volume	18 m3
Unloading type	Bottom unloading
Overall length	15 meter
Installed power	250 KW
Airflow	8000 m3/h
Vacuum	-950 bar
Filter area	36 m2
Self-propelled speed	15 km/h

Manipulator working range

Horizontal from centre of track to each side	5.4 m
Horizontal from headstock forward the track	4.7 m
Nozzle diameter	200 mm



Snow Machines

Flexible snow management

Railcare's snow melter provides a fast and efficient solution for handling large volumes of snow, reducing the need for transport and disposal. By melting snow directly on site, it minimizes disruption, lowers operational costs, and keeps rail operations running smoothly even in harsh winter conditions.



Snow Melter

- On-site melting reduces transport needs
- Minimizes disruption to rail operations
- Lowers costs and improves efficiency

Snow Melter	
Length - Overall	95 m
Melting power	12 MW
Melting capacity	700-1000 m ³ snow per hour
Loading volume	50 m ³ water
Diesel consumption	0,9 l/m ³
Max clearing width	5 m
Drainage capacity	Via an 12" hose
Speeds	
Maximum hauling speed	100 km/h
Speed in working mode	depending on conditions

Railcare's snow plough with a flexible blade ensures efficient and adaptable snow removal across varying track conditions. The adjustable design improves clearing performance, reduces downtime, and helps maintain reliable rail operations throughout winter.



Snow Plough

- Flexible blade adapts to conditions
- Efficient clearing improves performance
- Reduces downtime, ensures reliability



Snow Plough	
Dimensions	Three 20 feet frames directly on a 60 feet container wagon
Generator set	120 kW
Hydraulic power	62 kW
Diesel storage	500 liter
Loading profile	UIC
On-board spoil storage	36 m ³
Maximum excavation capacity	60 tonnes (40 m ³) per hour
Average excavation capacity	30-40 tonnes (20-25 m ³) per hour
Driving position	Operator cabin with sitting positions for 4 people

Speeds	
Maximum hauling speed	100 km/h
Speed in working mode	depending on conditions

Contracting Services

Efficient Contracting- maximising every minute on track

Railcare delivers efficient and flexible railway contracting services, built around one clear priority: making the most of every available minute on track. With proprietary machines, experienced teams and decades of operational knowledge, we carry out complex maintenance work safely and efficiently – even during short track possessions and in challenging environments.

Whether renewing ballast, improving drainage or working in tunnels and around sensitive infrastructure, our solutions are designed to minimise disruption and keep railway projects moving forward.

"With Railcare, you get more than efficient machines. You get an experienced contracting partner that finds practical solutions, adapts when conditions change and makes every minute on track count."

Our areas of expertise

- Ballast replacement and cable excavation using vacuum technology
- Drainage works and maintenance alongside the track
- Work in tunnels, on bridges and around other complex structures
- Snow clearance and winter maintenance

Our contracting teams combine efficient machinery with practical experience and a solution-oriented mindset. By developing and operating our own machines, we understand both the technical possibilities and the realities of working on an active railway.

Why Railcare?

- ✓ Efficient operations during short track possessions
- ✓ Proprietary Railvac and Ballast Feeder machines developed for demanding railway environments
- ✓ Experienced, flexible and solution-oriented personnel
- ✓ Methods that allow rails and sleepers to remain in place during many types of work
- ✓ Broad expertise in planning and carrying out complex railway projects

Ballast Replacement

In switches, tunnels, bridges or straight track

Would it be valuable if...

- You could replace ballast in a switch during a normal shift?
- It would be possible to remove temporary speed restrictions after track maintenance that takes less than 8 hours?
- You could get rid of mud deposits?
- Rails and sleepers did not need to be cut or moved?
- Cabling and other infrastructure in the embankment were not damaged during the work?

Railcare carries out ballast replacement where both rails and sleepers remain intact. Thanks to efficient vacuum technology combined with precise filling of new ballast, we can quickly and gently replace ballast with minimal impact on existing traffic. The method is particularly effective in switches and on bridges but works just as well on straight tracks.

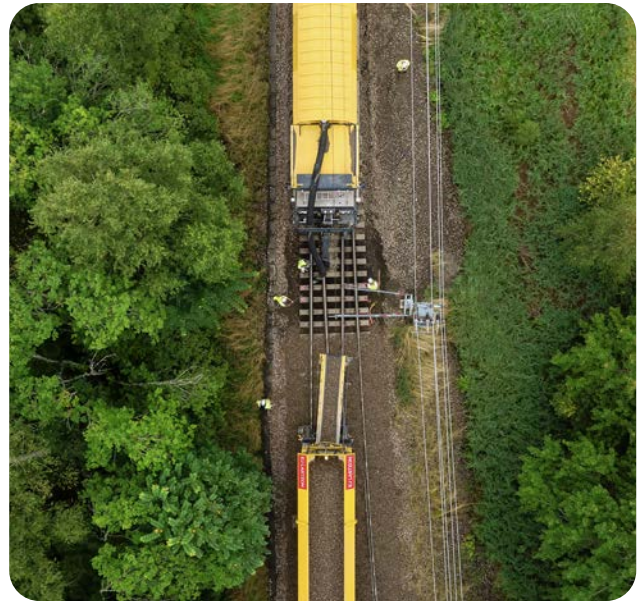
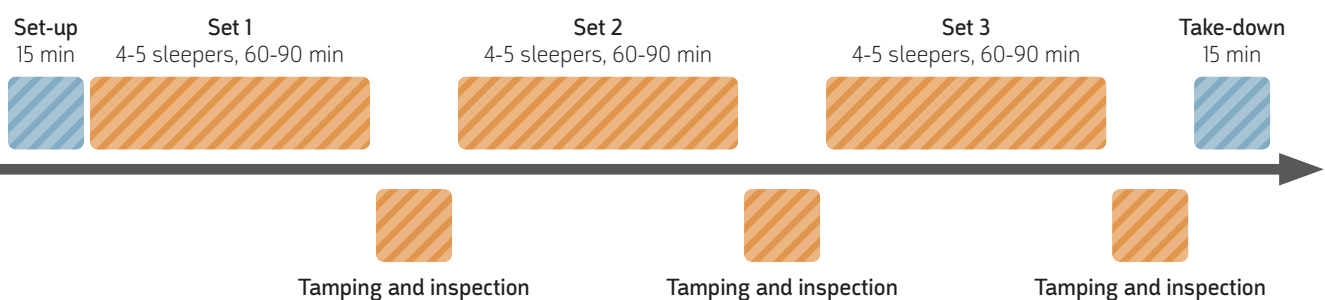


Illustration of working method, when re-ballasting with the Railcare-method



Re-ballasting (4 hour possession)

Generic information that covers various re-ballasting operations, e.g. bridges, viaducts, level crossings, switches, and crossings, wet beds, platform areas etc.





Successful ‘pit stop’ during ballast replacement

Railcare carried out a major project on behalf of Trafikverket on the Västerås–Ålsäng and Kolbäck–Eskilstuna routes. Within the project, ballast replacement was completed on a total of 24 bridges and 18 switches, with Railcare performing the work using its self-developed machines and dedicated staff.

– Thanks to the framework agreement, Trafikverket was able to involve Railcare early in the planning. This provided the right conditions and opportunities for Railcare to carry out most of the work independently, said Johan Paby Söderkvist, Project Manager at Trafikverket Investment.

The ballast replacement project served as preparatory work for a larger track replacement. By completing the bridges and switches in advance, the subsequent track replacement was able to proceed more efficiently. Upon completion, all 24 bridges and 18 switches had received new ballast, contributing to increased stability and reliability of the track.

– The project demonstrated Railcare’s ability to carry out efficient rail maintenance – from careful planning in close collaboration with all parties involved to execution, where innovative machines and dedicated employees delivered strong results, said Daniel Bolin, Operations Manager for Railcare’s contracting business.

Several operations were performed simultaneously, like a pit stop. Railcare’s vacuum machines were used to excavate the existing ballast, followed by material wagons that precisely filled the track with new ballast. Track alignment was then carried out by Infranord as subcontractor. All work was performed during planned track possessions, minimizing the impact on traffic.



“The advantage of Railcare’s method was that it functioned like an assembly line”

– The advantage of Railcare’s method was that it functioned like an assembly line. By performing several steps at the same time, time was saved. Thanks to the vacuum technology, there was no need to remove the track. This also reduced the risk of damage and made it possible to inspect and assess the condition of the bridges, said Johan Paby Söderkvist.

– The cooperation and planning together with Trafikverket and other parties worked very well, both on and off the track, which contributed to the project progressing according to plan.

Want to see our work in action?

Scan the QR code to access our product page and discover videos showcasing their performance.



Cable Management

Safe, precise and non-intrusive cable management

Would it be valuable if...

- You could quickly lay new cable and restore the embankment to its original condition within the same shift?
- You could handle cables efficiently without risking damage to equipment, existing infrastructure, or buried installations?
- You could lower existing cables to keep them out of harm's way during major track replacements?
- You could accurately locate existing cables through test pits?

With Railcare's gentle vacuum technology, all types of cable management can be carried out safely, precisely, and efficiently. From test pits and cable protection to installation and relocation, the method minimizes risk, reduces disruption, and ensures that surrounding infrastructure remains intact throughout the process.

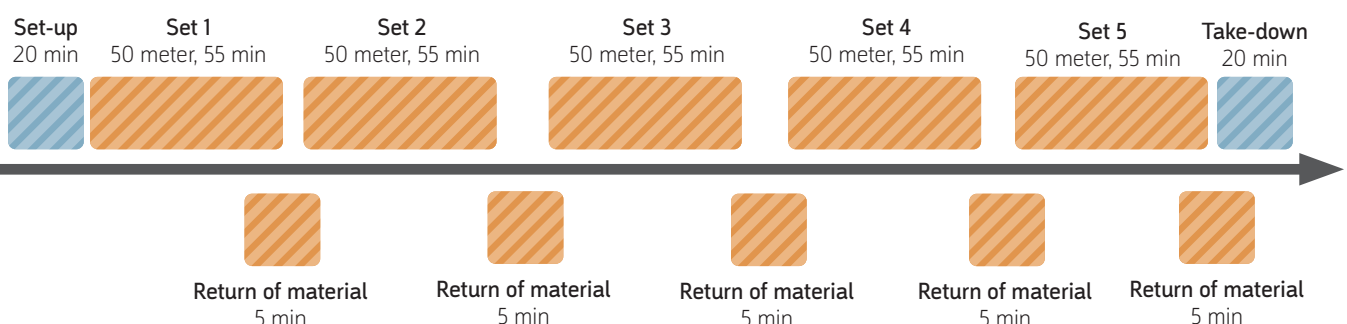


Illustration of the Railcare Method for Cable Management



Cable lowering (6 hour possession)

Generic information that covers the standard excavation and ballast reinstatement process, where material is excavated alongside the track bed, temporarily stored in containers, and directly reinstalled using the same ballast material.





Railways in the north of Sweden are being upgraded, with battery-powered maintenance machines

In northern Sweden, the development of new, sustainable industries has placed increased demands on rail transport, making efficient railway maintenance more important than ever. Railcare has been involved in several projects in the region, often carrying out preparatory work ahead of larger infrastructure measures.

– We have seen a growing need for maintenance activities in northern Sweden. Since we often perform preparatory work, such as ahead of track replacements, we are typically among the first on site, said Robert Jonsson, Project Manager at Railcare AB.

Railcare's contracting operations have worked on parallel projects across the northern rail network, including investigations and preparatory measures such as cable handling ahead of future track maintenance. These efforts have contributed to creating the right conditions for efficient and safe execution of upcoming work.

To support these projects, Railcare has used its MPV (Multi Purpose Vehicle), a battery-powered railway maintenance machine utilizing vacuum technology. The machine enables precise excavation and handling of materials, for example when locating and lowering cables without causing damage, before restoring the track structure.

The MPV is a versatile solution that can be used for a range of maintenance activities, including cable management, ballast replacement, and drainage. Its battery operation makes it particularly well suited for sensitive environments, while also enabling efficient work above ground.

“The continued development of the MPV concept enables even greater efficiency and flexibility in railway maintenance operations”

– Battery operation proves especially effective in tunnels and underground environments, but it also performs very well in open conditions. The continued development of the MPV concept enables even greater efficiency and flexibility in railway maintenance operations, said Emil Rydén, Machine Operator at Railcare.

– Northern Sweden provides an ideal environment for innovative solutions in railway maintenance, where new industrial developments drive the need for smarter and more sustainable methods, concluded Robert Jonsson.



Want to see our work in action?

Scan the QR code to access our product page and discover videos showcasing their performance.



Drainage and culvert renovation

Future-proof drainage and culvert performance

Improved water drainage reduces the risk of flooding and increases the robustness and reliability of the embankment. We can help you with everything from condition assessments and culvert renovations on railways, roads and in industry, as well as drainage measures in the form of ditch and well cleaning.

Would it be valuable if...

- You received a complete assessment of the condition of your culverts, ditches and wells connected to the railway?
- You could ensure that your drainage system was operating at full capacity?
- You could renovate existing culverts with a product with an expected service life of 100 years?
- Culvert renovation could be carried out without disrupting ongoing traffic?
- If you could reduce the number of track faults caused by collapsed culverts? And thereby reduce the costs of track alignment and the consequences of speed reductions?
- If, with more and more extreme weather on the way, you could take every possible measure to create a robust and reliable railway facility?



We offer

Culvert renovation without disrupting traffic

- UV-cured glass-fibre-reinforced polyester
- Installation equipment on a tracked vehicle
- Experience since 2003

Drainage works

- Flushing and clearing culverts
- Ditch cleaning and surveying
- Drainage works
- Civil engineering works related to drainage

Condition assessments of culverts and drainage systems

- In accordance with TDOK 2015:0155
- Digitised reports
- Reporting on Google Earth for clear location and status of the sites

Want to see our work in action?

Scan the QR code to access our product page and discover videos showcasing their performance.



Drainage crucial for a functioning railway



With increasing extreme weather, drainage is becoming critical to the stability of the railway. In recent years, Railcare has seen an increased demand for drainage and assessments for culverts and trenches, for example.

Marcus Näslund, Project Manager at Trafikverket, has noticed that the facilities are exposed to more stress:

– We have seen that drainage of the embankment is a good maintenance measure to improve the track situation in the long term. In recent years, we have also noticed that the drainage system along the railway is receiving a greater volume of water. These water volumes in turn lead to challenges in the form of increased runoff and increased risk of flooding and landslides, says Marcus and continues:

– To avoid natural disasters, on or near the railway, it is important to have a well-functioning drainage system. A good example of this is Trafikverket's investment in the Dalabanan, where drainage was part of the upgrading of the railway. When parts of the railway were subjected to severe stress in 2023, surrounding roads and communities were flooded, but the railway survived surprisingly well thanks to preventive drainage measures.



"On the Dalabanan, Railcare helped us carry out condition assessments of culverts and wells, and then we worked together to identify the most effective measures. The aim has been to restore the function of culverts, drains and trenches", says Marcus Näslund, and concludes:

– There is no shortage of challenges when restoring an old facility, but Railcare has been a good partner in this. Their expertise in drainage and their attitude that no task is impossible has meant that we cut the schedule considerably and that today we have a drainage facility on the Dalabanan that will work for many years to come.

- The method provides an expected service life of at least 100 years
- The liner moulds itself completely to the contours of the existing pipe
- Curing takes place using ultraviolet light



Applications

Natural stone culverts
Concrete culverts and concrete rings
Pressed steel pipes
Combinations of geometric shapes
Culverts exposed to high loads, vibrations and extreme weather conditions
Culverts in need of major refurbishment in older railway infrastructure

Installation

All-terrain tracked vehicle with low ground pressure
Fully track-independent, meaning no track closures are required
The lining can extend beyond the original length of the culvert
Enables the embankment to be widened or reinforced

Lining method

A flexible liner made of glass-fibre-reinforced plastic is inserted into the existing pipe

The liner is inflated and pressurized against the pipe walls

Installation time: approx. 8 hours per pipe

Dimensions: Ø200–Ø1800 mm
(Special solutions for larger dimensions can be provided) (circumference 628–5655 mm)

Material properties – Inpipe Liner FX900 (example Ø1000 mm)

Wall thickness: 9 mm

Tensile strength: 200 MPa (2 tonnes/cm²)

Cross-sectional area at Ø1000 mm: 280 cm²

Total tensile strength: 560 tonnes

Tensioning effect: Bulging at the pipe ends provides cohesion and stabilises the embankment

Snow clearance

Eliminate or control the problem at source

Would it be valuable if...

- You could get rid of snow and ice, specifically in railway yards, instead of moving the problem elsewhere?
- You could melt the snow in large tanks, to avoid having to transport it from the tracks by lorry?
- You could get rid of ice and snow in points to ensure functionality even during the winter months?
- You had the flexibility to direct the snow where you wanted with a flexible snow plough?

Railcare carries out snow clearance work on railways to ensure accessibility during the winter season. Thanks to our specially developed machines, such as the snow melter, points and sidings are cleared of snow and ice.



In the right place, at the right time

Railcare has been a contractor to Trafikverket for snow removal on the railway during the winter season for several years. In the snow removal contract Railcare provides efficient and safe snow removal at strategically selected locations along the railway network.

Railcare ensures efficient snow management by combining flexible deployment with a fleet of uniquely designed machines. During the winter season, machines and personnel are strategically positioned across the railway network, enabling rapid response wherever conditions demand it.

The company's snow melters and flexible snow ploughs offer smart, effective solutions tailored to different environments. Snow can either be removed completely through melting or precisely directed using adjustable plough blades, minimizing disruption and solving challenges directly on site rather than relocating them. Through close collaboration and proactive planning, Railcare can act ahead of severe weather conditions. This, combined with continuously developed vacuum-based technology, ensures minimal impact on infrastructure while delivering reliable, high-performance snow removal when and where it is needed most.

"Forecasts can change quickly. A storm can come faster or will not be as extensive as previously thought, but we never take any chances. It is better to take a cost for preventive purposes than have huge problems on the railway network."

Alexander Magnusson,
Deputy Project Manager at Trafikverket.

Want to see our work in action?

Scan the QR code to access our product page and discover videos showcasing their performance.



Vegetation removal

Specialized technology for effective vegetation removal

Would it be valuable if...

- You could effectively get rid of unwanted vegetation on the embankment?
- It could be done without unnecessary chemicals?
- The embankment had the right profile to facilitate drainage?

We offer smooth vegetation removal and embankment cleaning with our own specially developed machine. It leaves the embankment free of unwanted vegetation and with the right profile. The solution also improves long-term track stability and reduces maintenance needs over time.



Signal, electricity and telecommunication

Ensuring safe, efficient and coordinated railway operations

Installation, maintenance and upgrading of railway track, electrical, signalling and telecommunications systems.

We ensure that tracks, switches, catenary wires and signalling systems function in a reliable and coordinated manner. Through careful planning, execution and follow-up, we help to reduce disruptions and increase both punctuality and capacity in the railway network. We work closely with clients and other players in the industry to deliver long-term solutions of high technical quality.

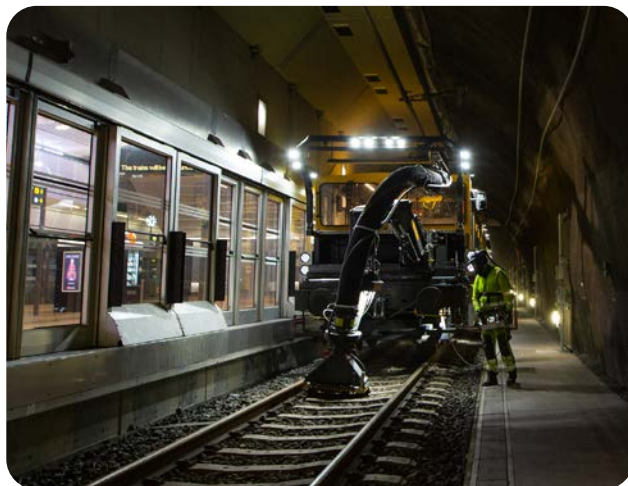


Tunnel cleaning

Sustainable tunnel cleaning with zero emissions

Railcare's battery-powered Railvac Electric sets a new standard for tunnel cleaning, combining high-performance vacuum technology with zero emissions. Designed for complex railway environments, it efficiently removes dust, debris and fine particles, improving air quality and creating a safer working environment – all without disrupting operations or requiring extensive planning.

With its quiet operation and powerful battery system, Railvac Electric enables sustainable and flexible maintenance work even in areas with strict environmental and safety requirements. The result is reliable, efficient tunnel cleaning that supports long-term infrastructure performance while minimizing environmental impact.



The world's largest battery-powered railway maintenance machine, in its most advantageous environment.

The battery-powered MPV (Multi-Purpose Vehicle) is a versatile maintenance machine designed for railway environments where emissions and operational flexibility are critical. Powered by a large battery bank, it is used to remove small particles and metal dust that accumulate on tracks, for example from braking.

“Since the machine is battery-powered and does not generate any emissions, it greatly simplifies planning”

Jonny Marklund, Operations Manager at Railcare.

In complex environments such as railway tunnels, strict requirements limit the use of fuel-powered equipment and tools that generate smoke. The battery-operated MPV eliminates these constraints, making it easier to carry out maintenance work while supporting a safe

working environment. Using vacuum technology, the MPV functions like a large industrial vacuum cleaner. Beyond tunnel cleaning, it can also be used for tasks such as cable management, ballast replacement and drainage. The battery system can additionally supply power to other maintenance machines, enabling more efficient and flexible operations.

– The best thing is the quiet working environment and that it is completely silent while idle, says machine operator Kjell Dahlquist.

Want to see our work in action?

Scan the QR code to access our product page and discover videos showcasing their performance.



Workshop Services

Technical expertise throughout the vehicle lifecycle

Railcare Technology helps railway vehicle owners, operators and infrastructure contractors improve safety, reliability and long-term performance. By combining workshop capacity with engineering expertise, documentation and knowledge of railway regulations, we deliver solutions that work not only in the workshop, but also in daily operation.

Our experience ranges from maintenance and overhauls to ETCS installations, radio control systems, life extension projects and electrification solutions. Whether the need is a single upgrade or a larger modification project, Railcare can support the entire process – from assessment and planning to installation, testing, approval support and long-term maintenance.

“A successful project is not only about installing a new system. It is about creating a solution that performs reliably every day, can be maintained efficiently and is prepared for future requirements.”

Our areas of expertise

- ETCS and advanced system installations
- Railcare Radio Control
- Life extension and technical upgrades
- Maintenance and overhaul
- Electric and battery-powered solutions

Together, these capabilities make Railcare a long-term technical partner for customers who want to modernise their fleets, increase operational availability and maximise the value of their railway vehicles.

Why Railcare?

- ✓ Practical workshop experience combined with technical competence
- ✓ Understanding of railway regulations and approval processes
- ✓ Structured project delivery from assessment to documentation
- ✓ Solutions designed for long-term operation and maintenance
- ✓ Support throughout the entire vehicle lifecycle

ETCS installation

From assessment to approved installation

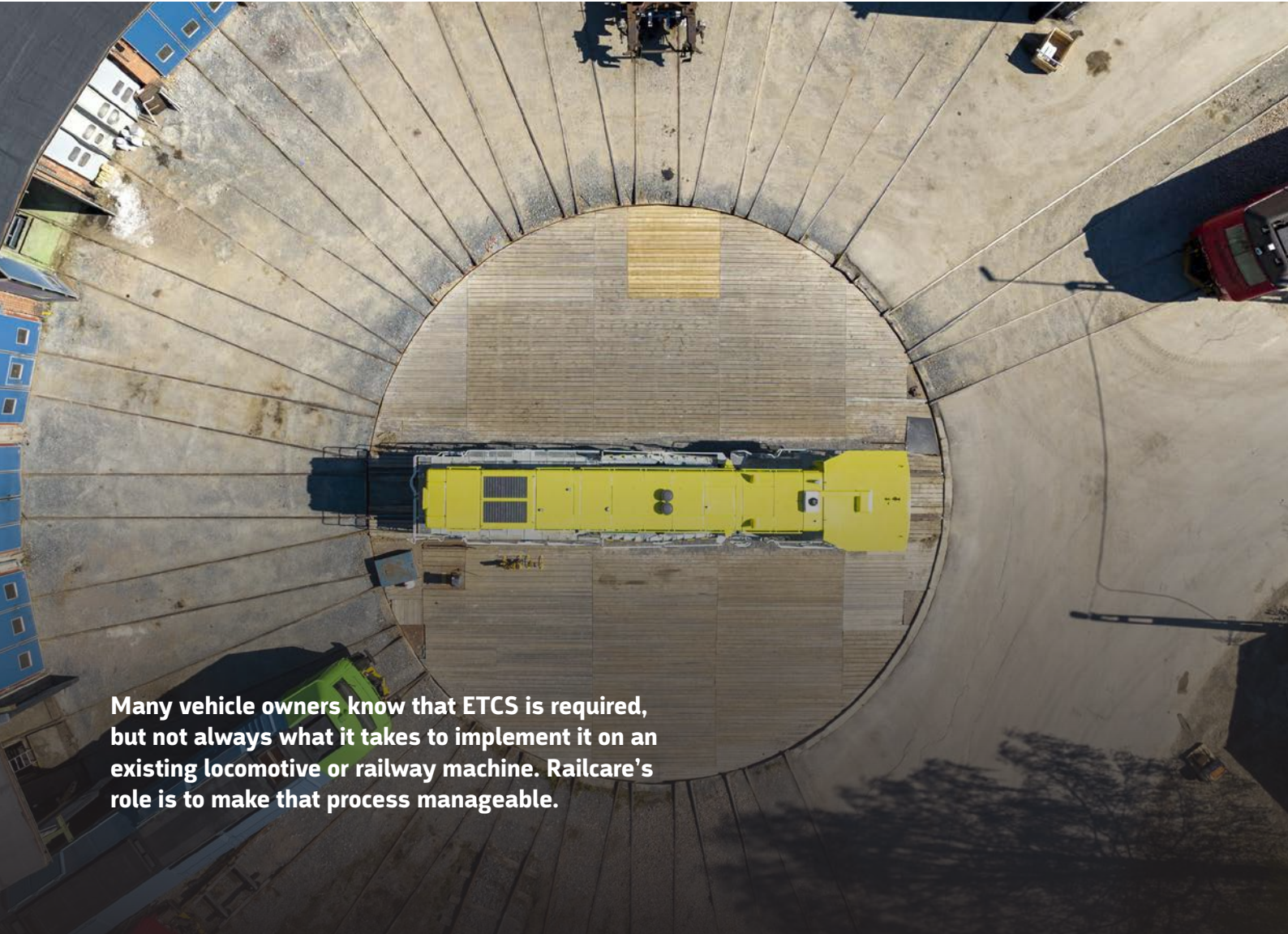
We help future-proof your railway operations by installing ETCS on your rail vehicles. Railcare takes responsibility for the full ETCS installation process - from initial vehicle assessment to completed, tested and documented installation.

ETCS is one of the most complex technical upgrades many railway vehicles will go through. It affects not only the signalling equipment, but also the vehicle interface, installation design, documentation, testing, approval process and future maintenance.

Our experience from locomotive maintenance, technical modifications and larger rebuild projects gives us a strong

understanding of how new systems need to be integrated into existing vehicles. An ETCS installation must meet technical and regulatory requirements, but it must also work reliably in daily operation and be possible to maintain over time. The result is a reliable, fully integrated system that enhances safety, improves interoperability, and supports efficient cross-border traffic.

Railcare is a partner who understands both the technology and the realities of railway operations. We combine technical excellence with practical know-how to deliver installations you can trust.

An aerial photograph showing a yellow locomotive positioned on a large, circular concrete test track. The track is composed of many radial segments. In the background, there are some industrial buildings and other vehicles. The locomotive is facing towards the right side of the frame.

Many vehicle owners know that ETCS is required, but not always what it takes to implement it on an existing locomotive or railway machine. Railcare's role is to make that process manageable.

We offer

Railcare's ETCS undertaking can include

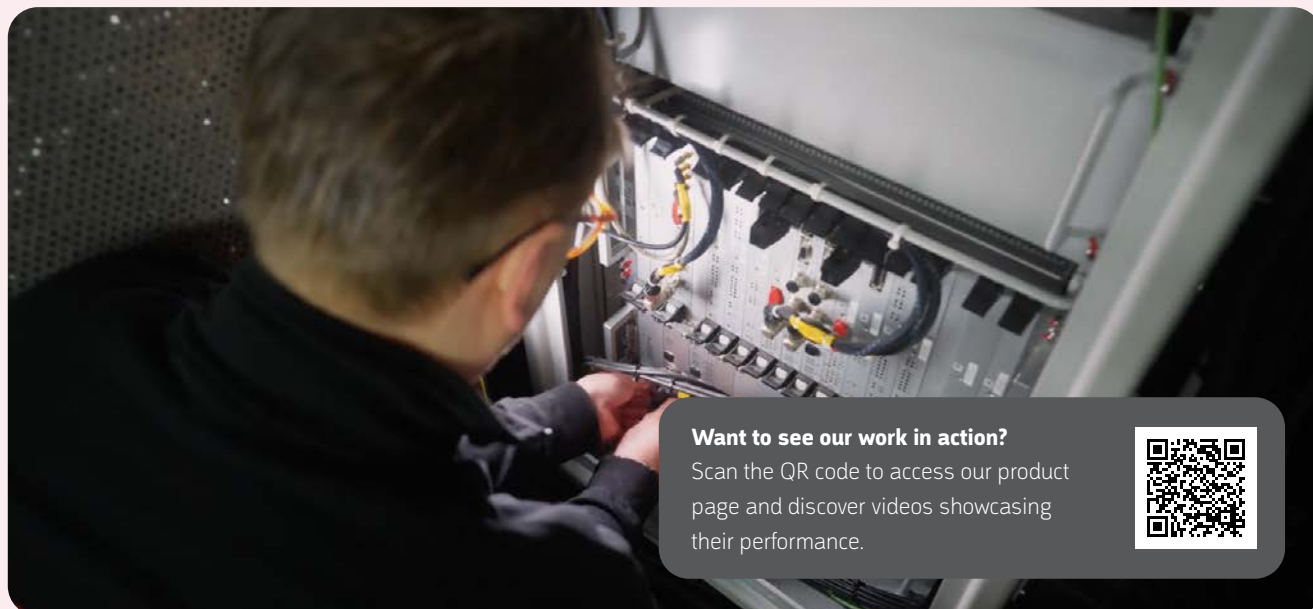
- Initial vehicle assessment and technical review
- Project planning and coordination
- Coordination with ETCS system supplier and other involved parties
- Mechanical and electrical design
- Installation planning and vehicle adaptation
- Installation in workshop environment
- Interface management with existing vehicle systems
- Testing, verification and quality assurance
- Documentation, traceability and technical file structure
- Coordination of approval-related documentation
- Support in contact with notified bodies, assessment bodies and authorities where applicable
- Maintenance planning, service and aftersales after installation

Customer value

- One technical partner taking responsibility for the full installation process
- Reduced complexity for the customer in a demanding upgrade project
- Coordination between workshop, engineering, system supplier and approval process
- Practical experience from locomotives, railway machines and vehicle modifications
- Strong focus on documentation, traceability and maintainability
- Possibility to combine ETCS installation with future service, maintenance and upgrades

"The customer gets one partner who understands both the technical requirements and the practical reality of railway vehicles."

Railcare does more than install ETCS equipment. We take responsibility for the entire process, delivering a solution ready for long-term operation.



Want to see our work in action?

Scan the QR code to access our product page and discover videos showcasing their performance.



Radio control

Effective and user-friendly operations

Smarter operation starts with the right technology. Railcare Radio Control is a radio remote-control system for locomotives and railway vehicles, designed to improve safety and efficiency in yard, terminal and industrial operations.

Railcare offers radio control as a complete project. The customer delivers the locomotive to Railcare and receives it back with radio control installed, tested, documented, approved and ready for operation. This means that the customer does not need to manage the technical details, installation work, documentation or approval-related process separately. Railcare takes responsibility for coordinating the full delivery – from initial vehicle assessment to a completed and operational radio control installation.

The system gives the operator direct control over the vehicle's movements and can reduce the need for additional personnel in certain operating situations. This creates a more efficient work process while improving visibility, precision and control for the operator.



Return on Investment - Railcare Radio Control



Assumptions/Case

Monthly salary for a shift worker	SEK 38,000
Hourly cost (employer)	SEK 350
Currency exchange days per year	250
Investment	SEK 1,080,000
Annual operating cost	SEK 17,500
Technical lifespan	At least 10 years

Want to see our work in action?

Scan the QR code to access our product page and discover videos showcasing their performance.



Results, 3 operating scenarios

Scenario	Conservative	1 shift	2 shift
Shift duration	6 hours/day	8 hours/day	16 hours/day
Operating days/year	250	250	250
Annual staff savings	SEK 525,000	SEK 700,000	SEK 1,400,000
Net profit after operating cost	SEK 507,500	SEK 682,500	SEK 1,382,000
Return on investment	≈ 2.1 years	≈ 1.6 years	≈ 0.8 years

We offer

Railcare's Radio Control undertaking can include

- Initial vehicle assessment and technical review
- Project planning and coordination
- System design and vehicle adaptation
- Mechanical and electrical installation
- Interface with existing vehicle systems
- Testing, verification and commissioning
- Risk assessment and safety documentation
- Technical documentation and traceability
- Approval-related documentation
- Operator training
- Service, spare parts and aftersales
- Future upgrades and modifications

Customer value

- One partner for the complete radio control project
- Locomotive returned with radio control installed, documented and ready to use
- Reduced complexity for the customer
- Safer operation in demanding environments
- More efficient use of personnel and equipment
- Flexible solution for different locomotive types
- Long-term service, spare parts and support

Control Transmitters & Radio Components



Flexibility

- The system is designed for most standard locomotive types. This means that the entire system can be transferred to the next locomotive regardless of type, for example in the event of a sale or locomotive breakdown.
- The system is currently used on 70+ locomotives and the following locomotive types, among others: MZ, T66, T44, RC, Vossloh G6 and T68 (Euro 4000).

future-proof radio platform

- Separate interface between the control system and the radio unit
- Choice of radio manufacturer – not tied to a specific brand
- Radio unit can be replaced even after installation

Two transmitter types – one system

- Eco transmitter - lightweight, convenient for daily use
- Spectrum transmitter - Higher output power for demanding environments and challenging yards

Safety and design

- Fail-safe design - loss of signal or power failure triggers braking
- Automatic stop in the event of a fault
- Clear information – no code tables – all alarms and statuses are displayed in plain text



Extending service life

Next-generation railway vehicles

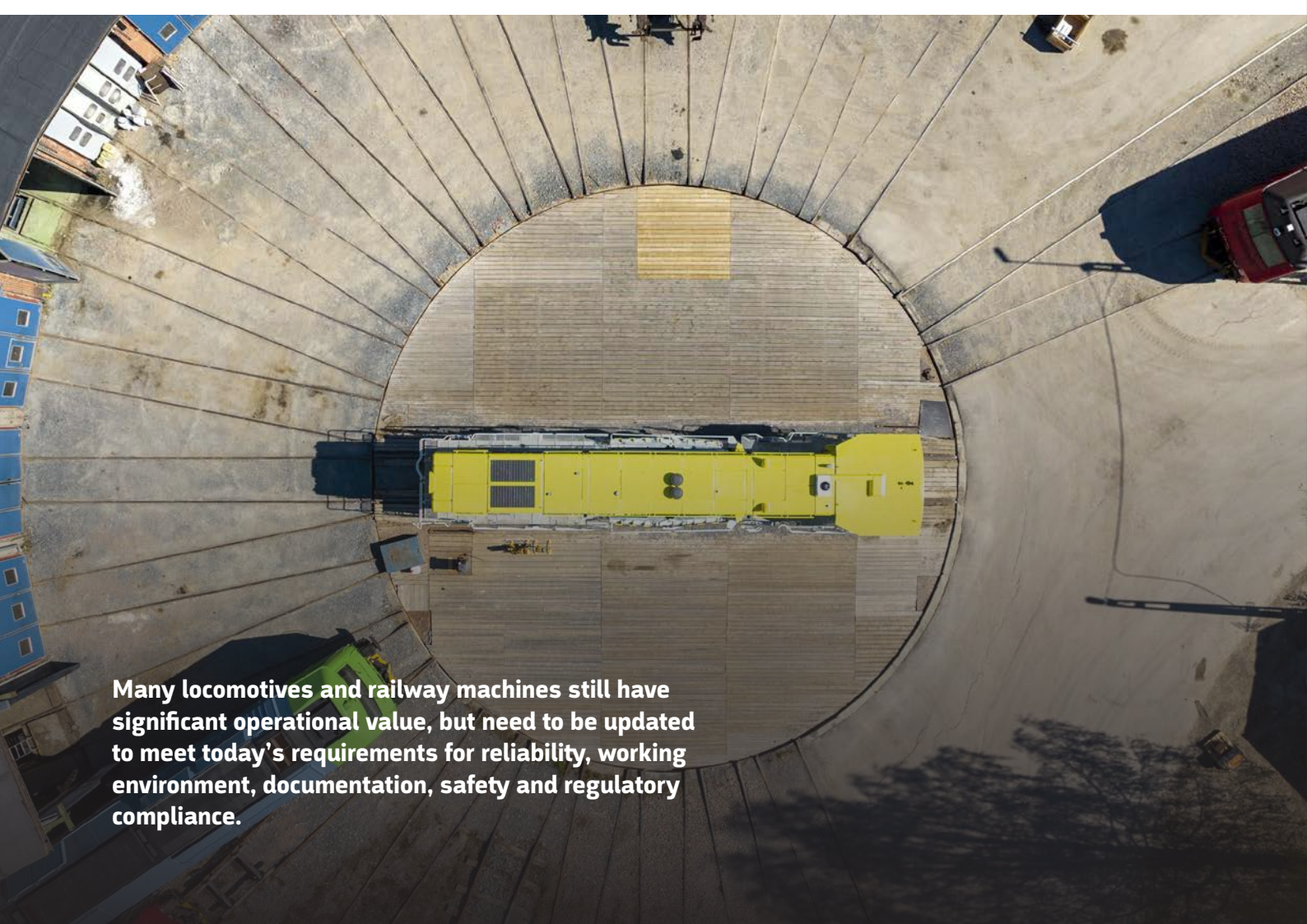
Railcare helps customers extend the service life of existing vehicles through structured upgrade and modification projects.

A life extension project can include new or upgraded drivetrain, engine replacement, modernised driver environment, updated control systems, improved maintainability, technical documentation and support in approval processes.

This type of project requires more than workshop capacity. It requires planning, engineering, practical vehicle knowledge and the ability to manage technical risks throughout the project. By combining proven solutions with experience from major locomotive upgrades, we reduce project risk and deliver reliable, well-documented vehicles adapted for continued operation.

The result is improved reliability, safety and performance, a better working environment for operators, and a lower environmental impact compared to replacing existing vehicles. From initial assessment to final documentation, Railcare provides complete project management and long-term support, ensuring lasting value throughout the vehicle's extended lifecycle.

Our technical upgrades not only extend the life of the vehicles but also improve safety and productivity. In this way, we ensure that both performance and operational reliability meet tomorrow's requirements.

An aerial photograph showing a yellow locomotive positioned on a large, circular turntable. The turntable is made of wooden planks and is surrounded by a concrete track. In the background, there are industrial buildings and other railway infrastructure. The scene is brightly lit, suggesting a sunny day.

Many locomotives and railway machines still have significant operational value, but need to be updated to meet today's requirements for reliability, working environment, documentation, safety and regulatory compliance.

Railcare can support with



Services

- Technical assessment and feasibility studies
- Project planning and coordination
- Mechanical and electrical engineering
- Drivetrain and system upgrades
- Cab and working environment improvements
- Installation and rebuild work
- Testing and quality assurance
- Documentation and approval support
- ECM-related support and maintenance planning



Faithful locomotives received new life

Railcare helped Infranord give new life to two TB diesel locomotives to better meet environmental requirements and technical standards. The locomotives were equipped with new low-emission engines, a European Train Control System (ETCS), and a modernised driver environment.

– The environmental value was the main reason for the upgrade. At the same time, the locomotives were adapted to upcoming signalling requirements, enabling two future needs to be addressed in one project, said Jörgen Tryggvesson Finnsson, Technical Project Manager at Infranord Maskin.

“...modern locomotives were achieved at a lower cost, benefiting both operations and the environment”

The project demonstrated that upgrading existing locomotives was a sustainable and cost-efficient alternative. The original engines were replaced with modern units meeting the highest emission standards and capable of running on HVO100 fuel. The installation of ETCS and the redesigned cab also improved both performance and working conditions.

– Using new material would have had a significantly greater environmental impact than renovating the existing locomotives. At the same time, modern locomotives were achieved at a lower cost, benefiting both operations and the environment, said Jörgen.

The work included complete dismantling, detailed planning, and implementation of new technical solutions. Construction and 3D drawings ensured optimal design, while the ETCS installation was carried out in close collaboration with the system supplier.

The cab was redesigned to create a more modern, quieter, and user-friendly working environment. Focus was placed on improving daily working conditions for operators, taking into account both usability and maintenance aspects.

The project formed part of Railcare's broader work with life extension and re-motorisation of locomotives, increasing service life while reducing environmental impact. Experience from previous upgrades supported the development of reliable solutions, contributing to more sustainable railway operations.



Want to see our work in action?

Scan the QR code to access our product page and discover videos showcasing their performance.



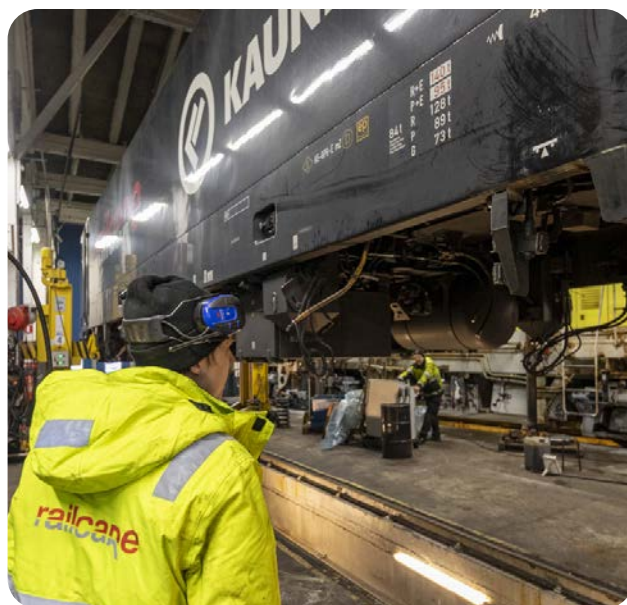
Maintenance and overhaul

Reliable maintenance as the foundation

Railcare performs maintenance and overhaul of locomotives and railway machines in ECM-certified workshop environments adapted for railway vehicles. We understand that downtime affects the customer's operation directly, and we work with a focus on safety, quality and availability.

Our maintenance work gives us detailed knowledge of the customer's vehicles. This creates a strong foundation for long-term cooperation and makes it easier to identify future needs for upgrades, modifications and technical improvements.

Railcare offers a complete range of workshop services for machines and locomotives. We understand that every minute in the workshop affects our customers' operations. That is why we work with a solution-oriented culture where speed and quality go hand in hand, without compromising safety.



Want to see our work in action?

Scan the QR code to access our product page and discover videos showcasing their performance.



Railcare can support with



Services

- Preventive maintenance
- Corrective maintenance
- Troubleshooting and repairs
- Overhaul work
- Component replacement
- Inspections and quality controls
- Documentation and maintenance records
- Maintenance planning and development
- Technical recommendations for future improvements

Customer value

- Reliable maintenance with focus on safety and quality
- Reduced downtime and improved availability
- ECM-certified workshop environment
- Practical knowledge of railway vehicles and operations
- Long-term technical support, not only workshop execution

Electric and battery power

Technical capability for selected future projects

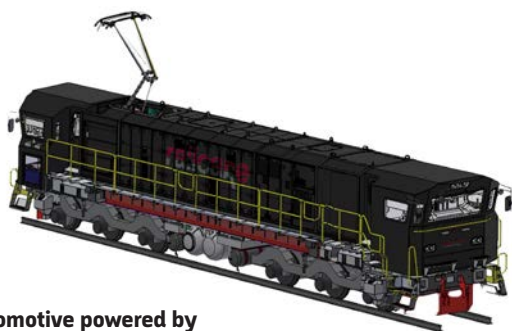
Railcare has experience from developing and upgrading railway machines with electric and battery-powered solutions.

This area is part of Railcare's broader technical capability. It demonstrates our ability to work with new technology, vehicle modifications and system integration where reduced emissions, energy efficiency and evolving operational requirements are important factors.

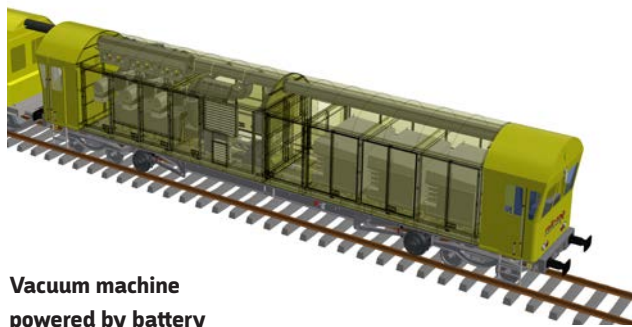
While electric and battery-powered solutions may not be the optimal choice for every vehicle or application, we see

significant potential in these technologies. By carefully evaluating each project's specific requirements, we can identify opportunities where electrification delivers clear operational benefits, reduced environmental impact and long-term value for our customers.

Our broad expertise, together with a strong curiosity for new technology, drives us to constantly innovate and refine our solutions. By staying close to real-world operations and anticipating future needs, we ensure that we are always one step ahead, developing smarter, more efficient tools for the railways of tomorrow.



Locomotive powered by overhead line and battery



Vacuum machine powered by battery

Railcare can support with



Services

- Concept studies and technical assessment
- Modification and rebuild projects
- Integration of new technical systems
- Mechanical and electrical design
- Installation and testing
- Documentation and approval support

Customer value

- Experience from electric and battery-powered railway machines
- Practical understanding of vehicle modification and operation
- Support from concept to implementation
- Ability to combine new technology with proven railway experience
- Reduced emissions and improved energy efficiency where the solution fits

Transport Services

Reliable rail transport- every day, all year round

Railcare delivers reliable, flexible rail transport solutions across Scandinavia, built on decades of operational experience and a deep understanding of what customers in the railway industry truly need. Whether supporting long-term freight contracts, keeping infrastructure projects on schedule, or responding to unexpected disruptions, our transport operations are designed to perform when it matters most.

With our broad offering and proven track record, Railcare is a partner you can count on. Not just to move things from A to B, but to keep your operations running smoothly, every day of the year.

"Thanks to our solution-oriented employees and efficient organisation, we deliver heavy goods transport with high reliability."

Our areas of expertise

- Freight transport for high-value system trains
- Construction transport for infrastructure projects
- Special transport of heavy and oversized loads
- Stand-by clearance locomotives for rapid response

Our transport teams handle everything from routine material logistics to complex special assignments. Always with precision, safety and a focus on the customers needs.

Why Railcare?

- ✓ 99% transport reliability, consistently delivered
- ✓ Tailored solutions meeting the strict requirements of the railway industry
- ✓ Own locomotives, trained drivers and in-house workshop capabilities ensuring full quality control
- ✓ Fast decision-making and high flexibility when conditions change

Freight transport

Reliable transport with maximum delivery reliability



We undertake both short- and long-term projects for system trains. As a central part of the logistics chain, we handle high-value transports that require precision, reliability and maximum delivery quality. Each assignment is carefully planned and executed to ensure punctuality, safety and efficiency throughout the entire transport process.

Our expertise and commitment ensure that every transport meets the industry's strict requirements, making us a reliable partner for freight transport. With in-depth knowledge of railway operations and a strong focus on customer needs, we deliver tailored solutions that strengthen performance and create long-term value for our clients.



Railcare is a strong contender for transports

Logistics is a key issue in green industrialisation, and Railcare stands out as a reliable partner in heavy goods transport. With solution-oriented employees, high flexibility, and an efficient organisation, the company delivers dependable transport solutions in a rapidly growing market.

Railcare operates key iron ore flows for both LKAB and Kaunis Iron, including daily transports between Pitkajärvi and Narvik. With high delivery reliability and a strong operational setup, the company is well positioned to meet increasing demand as rail transport continues to grow.

“Thanks to our solution-oriented employees and efficient organisation, we deliver heavy goods transport with high reliability”

– Thanks to our solution-oriented employees and efficient organisation, we deliver heavy goods transport with high reliability, says Mattias Remahl, CEO of Railcare Group.

A clear strength is Railcare's broad offering, from freight and project transport to heavy and specialised assignments. The company's own locomotive workshops are a key success factor, enabling efficient maintenance, repairs, and upgrades.

– Our workshops give us valuable in-house expertise and flexibility. As new standards like ETCS are introduced, it is a major advantage that we can handle installations ourselves, says Mattias Remahl.

Want to see our work in action?

Scan the QR code to access our product page and discover videos showcasing their performance.



Construction transport

Keeping railway projects moving

Our services cover a wide range of transport solutions for railway maintenance. We provide traction for track replacement trains and transport materials such as ballast and sleepers, ensuring that critical resources are delivered exactly where and when they are needed. Our operations are designed to support both large-scale and complex infrastructure projects.

With in-depth knowledge of railway operations and a high degree of flexibility, we support contractors with reliable logistics that keep infrastructure projects running. Efficiently and according to plan. By combining operational expertise with a strong focus on safety and quality, we help optimize workflows, reduce downtime and ensure consistent performance throughout the entire project lifecycle.



An important piece of the puzzle

Railcare carries out contractor transport services for railway projects, supporting efficient and reliable material logistics on site. On the Ådalsbanan, the company is involved in transporting filling materials as part of ongoing infrastructure development.

Railcare's construction transport services include providing locomotives and personnel to handle the movement of materials such as ballast, sleepers, filling materials, and track renewal machines. By ensuring that the right materials are available at the right time, Railcare plays a key role in keeping projects on schedule.

– We are an important piece of the puzzle, ensuring that contractors have continuous access to the materials they need so that work can progress according to plan, says Markus Thurén, Project Manager at Railcare.

The work requires both high delivery reliability and strong organisational flexibility, particularly in projects where access to track time can be limited. Railcare's



ability to adapt to changing conditions is a key strength in delivering consistent results.

On the Ådalsbanan, Railcare contributes to ongoing upgrades along the route by distributing filling materials where needed. The operation typically involves loading ballast wagons from a nearby storage area and transporting the materials for precise distribution along the railway.

Want to see our work in action?

Scan the QR code to access our product page and discover videos showcasing their performance.



Special transport

A flexible partner for planned and urgent transports

Railcare has extensive experience of special transports and is a trusted partner for assignments that place high demands on planning and execution. We can handle what no one else can, thanks to our combination of technical expertise, specialized equipment and deep operational know-how. Our expertise includes managing complex and high-value loads such as transformers and other heavy, bulky or sensitive components that require careful handling throughout the entire transport chain.

Each project is planned in detail, with a strong focus on safety, precision and risk management. We work closely with our customers to develop tailored transport solutions that meet specific technical and logistical requirements, regardless of complexity. With our experience in railway logistics and our ability to adapt to unique challenges, we provide reliable solutions that minimize disruptions and ensure timely deliveries.



Special transport of a transformer

Railcare has transported a transformer weighing 326 tonnes, 4.1 metres wide and just over 4.8 metres high from the Port of Gävle to Skästra, where it was unloaded for onward transport to the Torpberget wind farm.

The total distance covered by rail was 148 kilometres, requiring a special transformer wagon manoeuvred by two people, a supervisor in the locomotive checking conditions against the timetable, and a driver at the front of the train.

- It's exciting to plan these jobs, as everything from removing signs on the track to certain points requiring special monitoring due to the weight needs to be taken into account. But it's incredibly rewarding when it all goes so well, says Tina, Project Manager at Railcare.

The electricity network company Ellevio is the end customer, and Maersk is the company handling the door-to-door transport.



"We have enjoyed a long-standing partnership with Railcare, which has consistently demonstrated a high standard of service and quality throughout the years."

"In our business, where we transport extremely heavy and bulky special loads by rail, expertise, trust and a flexible, solution-oriented approach are crucial. Railcare meets these criteria with consistency and professionalism every single day."

Jonas Peterson, Operations Manager Sweden, Maersk

Stand-by locomotives

Rapid response and continued operation

Railcare provide clearance locomotives on standby in the event of any disruptions.

Railcare maintains a fleet of clearance locomotives on standby, strategically positioned across the Swedish rail network, ensuring rapid deployment wherever trains have come to a standstill. On assignment from the Swedish Transport Administration, Railcare's teams provide fast and efficient clearance operations, minimizing downtime and restoring traffic flow as quickly and safely as possible.

These clearance locomotives are ready to respond to derailments, accidents, and other disruptions that may affect rail traffic. With specialized equipment and highly trained personnel, Railcare handles everything from heavy lifting and rerailling to track clearance and recovery logistics — around the clock, all year round. This makes us a reliable and flexible partner for both planned and more urgent transports.



Want to see our work in action?

Scan the QR code to access our product page and discover videos showcasing their performance.



About Railcare





Sustainability

Sustainability is an integral part of Railcare's operations, offering and delivery. Environmental, social and economic sustainability are fundamental areas for remaining relevant to customers, employees, investors and other stakeholders in the future.



Safety, working environment and working conditions

Safety is a fundamental requirement in all railway operations, and our work is characterized by a clear focus on safety at every stage. As a certified railway company, we adhere to strict regulations and industry standards to ensure that our transport and contracting operations are conducted in a safe and controlled manner. We continuously work on risk assessment, training, and systematic improvements to prevent incidents and create a safe working environment for both our staff and the surrounding community.

Our ECM-certified workshops ensure that our locomotives and vehicles are always in optimal condition through quality-controlled maintenance and professional service. This allows us to guarantee that our vehicles meet the highest standards of operational safety and reliability.

Our staff is trained and competent in safety-critical procedures, which gives us the ability to act quickly and correctly in all situations. Safety is not something we take for granted; it is something we actively work on every day. Through this work, we are proud to offer safe and efficient transportation where safety always comes first. Our proud motto is:

“We work safely, or not at all.”



ERA-qualified teachers in safety leadership

Railcare has taken another step to strengthen safety in the railway sector as the company now has Sweden's first two teachers qualified by the European Railway Agency (ERA) to train in their model for safety leadership.

Safety Manager Hans Flodmark and Joakim Helsing, Safety Manager for Railcare's Transport Operations, have been approved to deliver ERA's 1-day safety leadership training programme.

The training focuses on how leadership directly affects safety in the workplace. It is mainly based on seven film sequences that evoke emotions and create engagement, opening up discussions around the theories of the training. The aim is to provide participants with insights

and practical tools to contribute by being inspirational, courageous and trustworthy.

Hans Flodmark, Safety Manager at Railcare, says:

-We are extremely proud to be the first Swedish company to offer this training “in-house”. Having completed the ERA Train-the-Trainer programme ourselves and translated the material into Swedish, we look forward to using this tool to build an even stronger safety culture within Railcare.



Delivery reliability and quality

Track access is critical to both industry and passenger transport. Railcare's ability to deliver transport services and contracting works with high quality and delivery reliability creates significant societal value through reliable and energy-efficient transport, as well as by contributing to a robust and well-functioning railway infrastructure.

As a company operating in transport, maintenance contracting and vehicle maintenance, we have a deep understanding of the value of track access. We know that vehicles must be operationally reliable, transport services must function without interruption, and maintenance must be carried out efficiently.

Rail transport is a vital part of many customers' logistics chains, offering low climate impact and the capacity to handle heavy goods. Railcare prioritises delivery reliability through swift decision-making and solution-

oriented work. For the clearance locomotives, this entails the swift and efficient removal of stalled vehicles, while the contracting operations support long-term sustainable railway maintenance.

The workshops play a key role, not only for our own machines and locomotives but also for those of our customers. Through servicing and modernisation, we ensure both operational reliability and sustainability. The Locomotive Workshop in Långsele is certified according to ISO 9001, confirming that the company's quality management system meets internationally recognised standards.

For our contracting operations, delivery reliability and quality mean ensuring efficient railway maintenance that contributes to sustainable railways for many years to come.





Corporate culture

When employees thrive at work, have a stimulating environment where they are able to develop, and are given the opportunity to take responsibility, present ideas and solutions, their commitment increases. As an employer, we want to retain and develop these characteristics.

Railcare originated in a family business, and we believe that our corporate culture and values are extremely strong. The corporate culture is not embedded in the buildings where we work. It is present in every individual employee and leader. Our values are present in every idea, every delivery and in all the decisions we make.

Our corporate culture is the prerequisite for an open atmosphere where people are encouraged to present their ideas that develop our business and organisation.

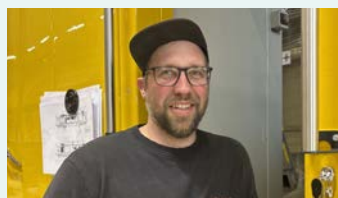


Employee comments



"I have worked at Railcare for approximately one year as a Machine Operator, operating our vacuum machines in railway maintenance. I received a thorough introduction from the outset and learned a great deal straight away through live assignments alongside supportive colleagues. The best part of the job is operating the machine and spending a lot of time out in the field. Every time we head out for a work period, it almost feels like a trip away with friends."

Konrad Söderström, Machine Operator, Railcare Contracting



"At the workshop in Skelleftehamn, we both build new machines and carry out service and maintenance on existing ones. I enjoy being involved in new projects and contributing to the testing and development of new solutions. I'm also fascinated by working with large machines. At Railcare, we genuinely enjoy our work. The atmosphere is relaxed and unpretentious, and it's clear that people enjoy being here. It truly feels great to be part of the team."

Anton Forsberg, Mechanic, Railcare Technology



"I work as a Locomotive Driver and Instructor at Railcare. The best part of the job is the combination of delivering training and at the same time being involved in day-to-day operations. We have very broad railway expertise within Railcare, among both newer and more experienced colleagues. This means that we are constantly learning from one another, while also having the opportunity to share our own knowledge and experience with the wider driver team."

Mattias Waltgård, Locomotive Driver, Railcare Transport



Climate impact

This area regards whether Railcare can avoid or minimise the environmental impact we contribute to, and how we can manage the effects of climate change.

Climate change has no effects that pose major risks for Railcare. On the contrary, extreme weather conditions such as rain or snow increase the need both for our contingency services and our contracting services.

Our stakeholders are imposing increasingly stringent requirements regarding sustainability and, above all, to climate impact. The Swedish Transport Administration has announced that transport infrastructure is to be climate neutral by 2040, and several of our private customers have ambitious targets to be the most sustainable in the world within their respective industries.

Railcare's greatest environmental impact stems from the diesel-powered machines and locomotives used for maintenance, as well as for contracting and standby

transport services. The company is actively transitioning its operations to machines and locomotives that cause less climate impact. We do this both by developing our battery-powered machines and by upgrading our locomotive fleet to vehicles with better engines and improved environmental performance. We offer the latter as a service to the industry.



Business ethics and anti-corruption

Code of Conduct

Railcare's Code of Conduct is based on internationally recognised human rights and the UN Global Compact. It provides guidance for employees and contractors on how the company should operate responsibly and conduct business.

Business ethics and anti-corruption

Railcare has zero tolerance for bribery, corruption, and other irregularities.

Human rights

Railcare is committed to respecting human rights throughout its value chain. Risks are limited in its own operations but may exist further down the supply chain. To reduce this, Railcare mainly works with European suppliers and conducts due diligence.

Whistleblower channel

Railcare provides a secure and anonymous whistleblower system for reporting serious misconduct. It covers issues such as corruption, financial irregularities, environmental offences, and workplace safety concerns.



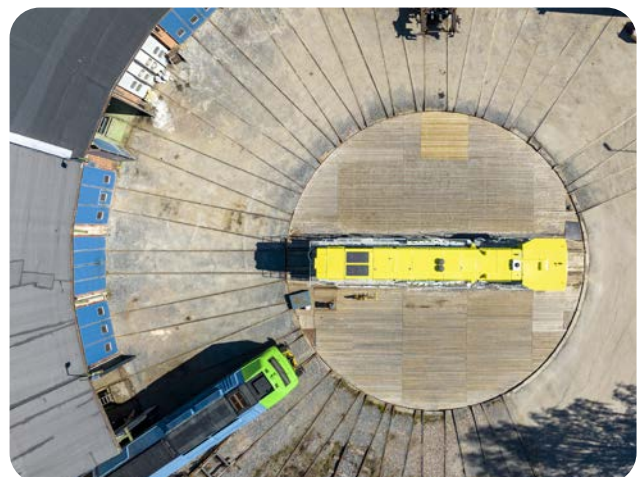
Images and videos

For more images, videos, and product demonstrations, visit our Media Library on our website or explore our YouTube channel. Stay up to date with the latest product content, application examples, and customer references by scanning the QR codes below or visiting our online platforms.

Media Library



YouTube Channel



Working with Railcare

Working with Railcare means close and solution-oriented collaboration. We are known for being flexible, accessible and committed, and we always strive to find the most effective solution for each project.

With short decision-making processes, high technical expertise and a strong team spirit, Railcare is a reliable partner that understands the business in and around the railways – and delivers according to plan, with great respect for time, traffic and customer needs.

"We know the true value of time on track"

Operating across transport, contracting, engineering and machine development, we understand the railway industry from multiple perspectives enabling us to create efficient and sustainable solutions for our customers.

Whatever railway challenge you face, don't hesitate to contact us. We are ready to help you turn it into a solution.



Contact



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