



MOVING FREIGHT, POWERING POSSIBILITY

Home of the
**MULTI AWARD
WINNING**

 **iwagon**
Digital Intelligence for Rail Freight



INTRODUCTION

VTG Rail UK is the UK's leading rail wagon leasing company, delivering modern, high-quality wagons and fully integrated freight transport solutions.

Supplying a fleet of around 4,400 wagons, we support a diverse range of industries across four core categories: standard freight, tank, intermodal and specialised wagons. Our innovation-led approach, including the pioneering iWagon, brings intelligent, data-driven capability to modern rail freight operations.

More than a leasing provider, we work in partnership with our customers to deliver tailored solutions that go beyond the wagon. From digital optimisation and fleet support to bespoke wagon design, we help enhance efficiency, safety, and sustainability across every operation.

As an independent UK-based Entity in Charge of Maintenance (ECM), we retain full control over our fleet. Our engineers and fleet controllers work closely with customers and maintenance partners to maximise reliability, availability, and performance across the network.



FLEXIBLE WAGON HIRE, BUILT AROUND YOU

From short-term to long-term leasing, batches of wagons to complete train solutions, VTG Rail UK delivers flexibility at every level. Our portfolio includes standard freight, tank, and intermodal wagons, alongside specialised and modular superstructures. Where requirements are unique, we develop tailored solutions to match.

Fleet management made simple

VTG Rail UK provides complete fleet management, covering operational oversight, technical support, maintenance co-ordination, and digital performance reporting. We ensure your wagons remain safe, compliant, and ready to perform - so you can focus on your core business.

Using advanced Power BI reporting tools, we provide customers with clear, real-time visibility of fleet performance, maintenance activity, availability, and operational trends. This data-driven insight supports smarter decision making, improved reliability, and greater control across your fleet operations.

Smart asset solutions with fleet purchasing

Our sale-and-lease-back model unlocks the value of your existing assets while maintaining operational continuity. VTG Rail UK can purchase your fleet and lease it back to you, releasing capital and internal resource while ensuring continued reliability, availability, and performance across your operations. Backed by expert fleet management and maintenance support, we help maximise wagon uptime and provide greater visibility through digital tools and data-driven insight. Existing fleets can also be enhanced with advanced technologies such as iWagon retrofit solutions, bringing intelligent monitoring, improved operational oversight, and smarter maintenance capabilities to your assets.

Rail freight advice you can rely on

VTG Rail UK provides expert guidance across technical, regulatory, and safety requirements. From transporting sensitive goods to workforce training, we support confident, compliant operations.

ONLINE WAGON CATALOGUE

Download our online catalogue showcasing current wagon availability from VTG Rail UK.



This service is designed to assist both existing clients looking to augment their fleets and new customers entering the rail freight sector.



WAGON TYPES



STANDARD FREIGHT WAGONS



Box Wagons

VTG box wagons provide secure, enclosed transport for a wide range of goods, including steel, construction materials, and sensitive freight. Designed for strength and reliability, they protect cargo while supporting both consistent flows and fluctuating demand.



Hopper Wagons

VTG hopper wagons are built for efficient bulk transport of aggregates, minerals, and agricultural products. Engineered for durability and rapid discharge, they ensure smooth, reliable material flow across operations.

TANK WAGONS



VTG tank wagons are designed to transport petrochemicals, hazardous goods, powders, and temperature-sensitive products safely and efficiently. Built on decades of expertise, they meet the highest safety standards and can be tailored with specialised materials, coatings, and insulation. Bespoke designs are available for more complex requirements.

INTERMODAL WAGONS



VTG intermodal wagons provide a flexible, future-ready solution for containerised freight across the UK and Europe. Capable of carrying ISO containers, swap bodies, tank containers, and semi-trailers, they enable seamless integration across transport modes while supporting more efficient, rail-focused logistics.

SPECIALISED WAGONS

CO² Tank Wagons

VTG's next-generation CO² tank wagons support the safe, efficient transport of cryogenic carbon dioxide. Designed with advanced materials and insulation, they maintain optimal conditions throughout transit - supporting the growth of CO² logistics, carbon capture usage and storage (CCUS), and wider decarbonisation initiatives across industry.



Timber Wagons

VTG timber wagons are designed to handle a wide range of log types, lengths, and volumes, providing efficient and adaptable transport solutions for the forestry sector.

Steel Coil Wagons

VTG steel coil wagons are engineered for the safe transport of heavy, high-value steel products. Their robust design ensures stability, secure loading, and protection throughout the journey.

Excavator Carrier Wagons

VTG excavator carrier wagons enable the safe and efficient movement of heavy plant machinery. Designed for ease of loading and secure transit, they support construction and infrastructure projects across the network.

VTG's next-generation CO² tank wagon



DIGITAL INTELLIGENCE FOR RAIL FREIGHT

Introduced in 2024, iWagon is VTG Rail UK's next-generation smart wagon, setting new standards in safety, reliability, and digital connectivity. Designed for flexibility, it can be retrofitted to existing fleets or integrated into new builds.

Powered by Knorr-Bremse's Freight Control Sentinel technology using onboard axle generators, iWagon delivers advanced safety features including real-time slide protection and Wheel Flat Prevention. These systems reduce track wear, improve low-adhesion performance, and enhance derailment prevention through locked axle detection.

Brake Condition Monitoring replaces traditional annual brake testing by continuously assessing system health, improving maintenance planning and availability. Combined with live wireless data transmission and permanently powered VTG Connect units, iWagon provides real-time operational insight for both VTG and customers.

By reducing manual intervention and enabling smarter maintenance, iWagon supports more efficient, lower-carbon operations - future-proofing rail freight performance.

BENEFITS



Real-time status visibility for drivers and stakeholders



Increased safety through live wheelset monitoring



Accurate, live brake system diagnostics



Elimination of traditional brake testing requirements



Enhanced data and analytics capabilities



Improved reliability and fleet availability



Condition-based smart maintenance via iMaintenance



Greater visibility of track condition identifying low adhesion hotspots



Reduced shunting time and operational costs



Wheel damage indemnity



CONDITION BASED MONITORING FOR RAIL FREIGHT

Building on iWagon technology, iMaintenance is VTG Rail UK's advanced, data-driven maintenance solution. It shifts maintenance from fixed schedules to condition-based intelligence.

Using real-time data and machine learning, iMaintenance continuously monitors wagon condition, predicts maintenance needs, and supports optimised service planning. This reduces downtime, lowers costs, and improves fleet availability.

By identifying issues before failure, operators can plan more effectively, allocate resources efficiently, and maintain full compliance with safety standards. The result is improved reliability and performance across the supply chain.

iMaintenance delivers clear benefits for all stakeholders: enhanced safety and operational insight for freight operators, improved availability and cost efficiency for lessees, and greater reliability for end customers.

The system can be deployed across both existing and new fleets, enabling a more efficient, sustainable, and digitally connected future for rail freight.



INTELLIGENT FLEET CARE ENGINEERED FOR PERFORMANCE

VTG Rail UK provides a fully integrated approach to fleet management and maintenance, focused on maximising availability, reliability, and minimising downtime. From technical oversight to nationwide co-ordination, we ensure your wagons remain safe, compliant, and operational.

Every contract is supported by a dedicated fleet controller, engineer, and account manager, giving customers direct access to experienced specialists who understand their operation and can provide responsive day-to-day support.

ECM CERTIFIED EXPERTISE

As the first UK freight wagon hire company accredited as an Entity in Charge of Maintenance (ECM), VTG Rail UK set the standard for independent, high-quality maintenance management - ensuring safety, compliance, and reliability.

SPECIALIST MAINTENANCE & COMPLIANCE

Working with leading partners across more than 40 locations throughout the UK, VTG Rail UK manage critical components and specialist maintenance requirements efficiently and reliably. This includes RID and pressure vessel testing for hazardous goods, delivered in full regulatory compliance and with minimal disruption to operations.

DATA DRIVEN PERFORMANCE

Through VTG Connect and iMaintenance, we use real-time data and advanced monitoring to enable predictive, condition-based maintenance. This improves reliability, increases availability, and reduces unnecessary intervention across the fleet.



TAILORED WAGON SOLUTIONS & DESIGN SERVICE

VTG Rail UK delivers bespoke wagon solutions built around your operational requirements. Whether adapting existing assets or developing new designs, we work collaboratively to achieve the right specification, capacity, and configuration. Our approach ensures efficient, reliable, and cost-effective integration into your supply chain.



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