

KEEPING BRITAIN'S ROADS MOVING SINCE 1969

Product Range

ECON

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01

A PROUD FAMILY BUSINESS



Proud to have been the UK's leading manufacturer of gritters, de-icers, snow clearance and highway maintenance vehicles for over 55 years.

As experts in the road maintenance industry, we are committed to delivering a high quality range of road gritters, hotboxes and multipurpose vehicles, with a wide variety of options available to suit each customer's specific requirements.

We also offer a fully electric solution that can be used 365 days a year; the E-QCB, which was introduced to the market in 2023 in partnership with Volvo.

We offer contract hire solutions on our winter vehicles and maintenance across our whole range, ensuring Britain's roads keep on moving year after year.

WORKING IN PARTNERSHIP

No Econ vehicle could be built without working in close collaboration with our valued partners.

Whether that's our extensive list of suppliers who provide components, or the major chassis manufacturers who work with us to create user-friendly designs to suit the end customer.

Having strong supplier relationships allows us to work together in the customer's best interests, offering a multitude of specifications and options.

Our chassis manufacturers depend on our expert eye to ensure the technical suitability of each chassis for the required body. All of this guarantees confidence in the final build of the vehicle – a bespoke solution for each customer.

Additional individual customer solutions provided by our valued supply partners include:

- Camera, detection and warning systems
- Vehicle safety lighting
- Onboard weighing systems
- Route navigation and tracking

Procurement Frameworks

Econ Engineering works closely with all of our framework partners to offer our customer base a wide selection of competitive tender and direct award based options on both purchase and hire.



Did you know?



100% of our vehicle body parts are manufactured at our Ripon factory from raw materials.



ABOUT ECON

Econ Engineering is a pioneering manufacturer, specialising in gritters, snow clearance and multipurpose highway maintenance vehicles.

A proud second generation family business, we have been manufacturing premium vehicles at our factory in Ripon, North Yorkshire, since 1969.

Industry leading design and in-house engineering

With extensive knowledge of the UK highways market, Econ is renowned for innovation, engineering excellence and a customer service culture that is second to none.

Designing and building every vehicle from the chassis up and engineering each component from flat metal, we can provide total flexibility to adapt each product to your requirements.

First class service

When you order a vehicle with Econ, we'll be with you every step of the way.

Our sales team will spend time developing your vehicle's specification, selecting the right combination of features to best serve your particular tasks. Our expert design engineers will then bring this vision to life in our Ripon factory.

The journey doesn't stop once you're on the road. Our service support team will be available to manage any warranty, contract or ad-hoc maintenance requirements, using our expert mobile or service hub engineers.

Over the years, we have continually adapted to changing market conditions, developing our service and product range with our customers' needs in mind.

Famous for innovation

Building on strong foundations as an innovator of agricultural machinery, we diversified into the highways market in the 1970s. After Britain suffered a series of bad winters, we saw a gap in the market to improve the efficiency of winter road clearing. Five decades on, and 9 out of 10 of the gritters keeping the UK's roads moving are now manufactured by Econ.

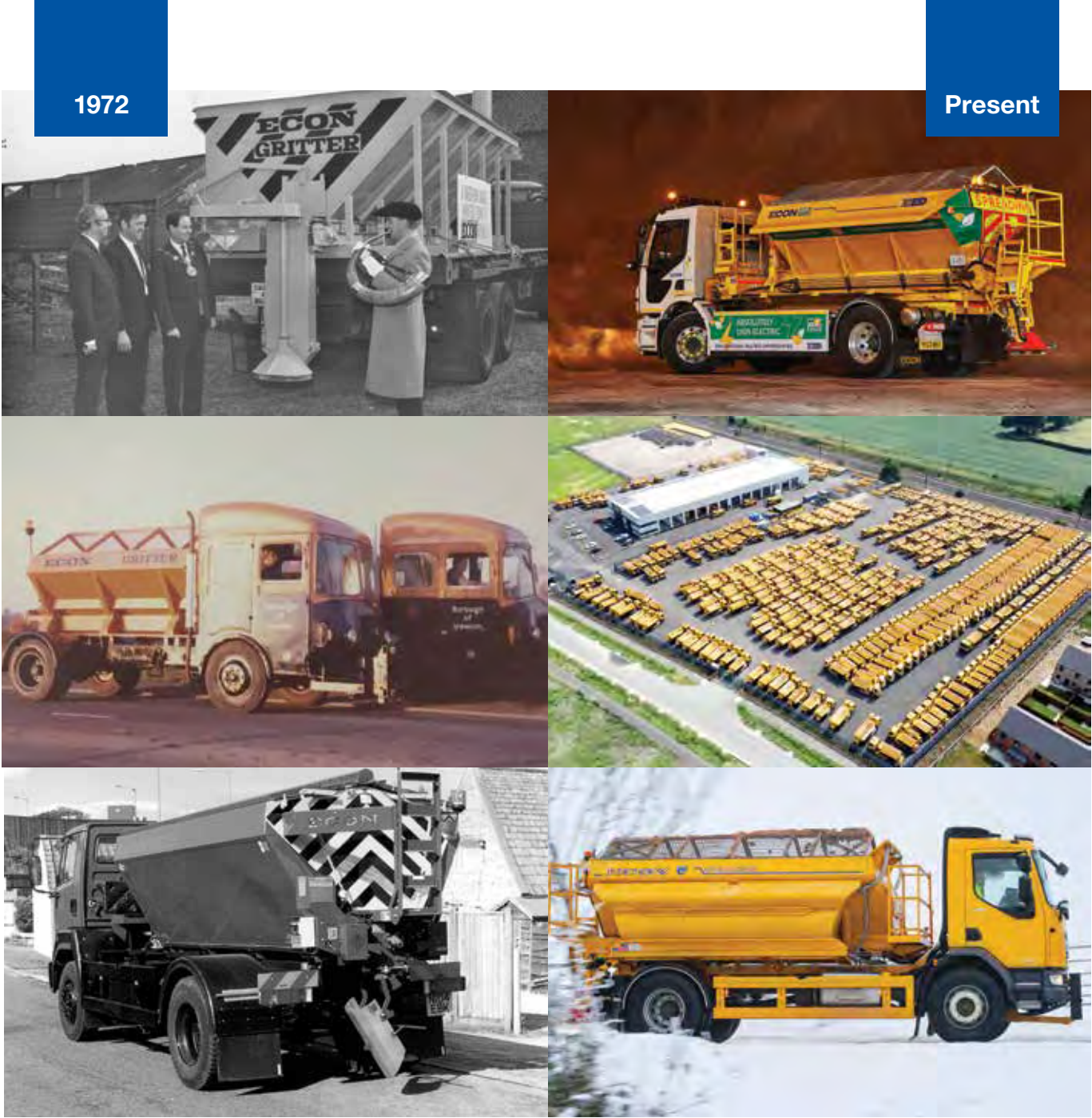
In the 1980s, Econ developed a range of products to satisfy the growing need for road patching, including the hotboxes and multi-purpose swap body systems.

The millennium saw the introduction of our successful hire service, whereby customers can hire vehicles during operating months – a cost effective alternative to purchasing outright.

Recent innovations have included our latest Spargo control system, which utilises a single touchscreen control box and camera enabled 360 degree visibility to improve driver control and help keep other road users safe. All our hire fleet are capable of running on hydrotreated vegetable oil (HVO) fuel for lower carbon footprints.

We have also launched the industry's very first zero emissions E-QCB, with a Volvo FE Electric 4x2 chassis and a fully demountable and interchangeable body system. This marks the start of Econ's exciting new Zero Emissions Range, which will see a number of low or zero emission products rolled out of the factory in the coming years.

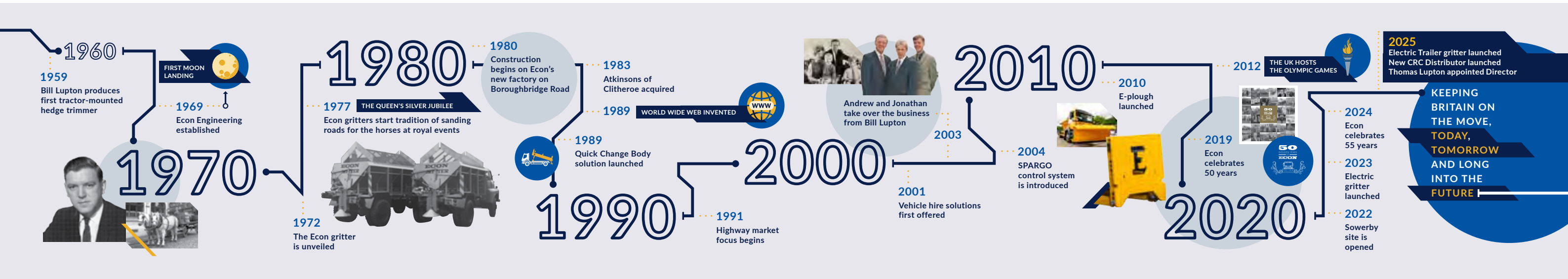
Our flexible, adaptive and innovative customer-first approach has served us well over the years, and with the support of our fantastic staff and the third generation of the Lupton family coming through the business, we hope it will continue to do so for many more years to come.



OUR HISTORY

The history of Econ is a story of creativity, business acumen and technical innovation. It all started on a Yorkshire farm in the 1950s, when our founder Bill Lupton was determined to produce something truly innovative.

A lot has changed over the years...



Econ was born in 1969 with Bill Lupton's modest intentions to make everyday tasks easier for farmers like his parents. Little did he know that his company would grow into a pioneering powerhouse within the highway maintenance industry.

The first Econ gritter – the Econ Salt Spreader Mark 1, was first unveiled at a national show in Torbay in 1972, and since then Econ has continued to innovate and adapt to changing customer demands.

In 1977, at the Queen's Silver Jubilee, Econ started the tradition of sanding roads for the horses at royal events, a tradition which has continued right up to the most recent coronation of King Charles III in May 2023.

Innovation, growth, expansion and success have come in abundance for Econ over the years, particularly with the emergence of our vehicle hire service and proprietary control system solutions.

We believe that this constant customer focus and ability to evolve is what has led to our current position as a market leader and pioneer in the highway maintenance industry.

Our products and services continue to evolve year on year, but the one constant is our commitment to a 'customer first attitude', providing our customers with what they need to keep Britain moving.

02

SUSTAINABILITY & RESPONSIBLE BUSINESS

JOURNEY TO SUSTAINABILITY

Not only are we renowned across the industry for excellence in engineering, we're also becoming famous for our sustainability initiatives.



Our ongoing commitment

Sustainability has always been a priority for Econ, but this past year has only increased the world's appetite and focus on this area, along with our own. As market leaders in winter maintenance and roadmending, we pay special attention to our customers' carbon reduction plans and requirements.

To help customers reach their targets we have invested over £1m in three electric demonstration vehicles which cover our gritting, hotbox and roadmending range. This has positioned us to have products available for our customers as soon as they require a zero emissions solutions. Charged by green electricity, these vehicles can also be carbon zero, saving hundreds of tonnes of CO2 and particulate emissions per year.

Investments in efficiency

We made a £7m investment in a new, energy efficient facility in Sowerby, equipped with 114 square metres of solar panels which will reduce our CO2 footprint by 4.43 tonnes a year. Additionally, our new laser cutting machine promises 600% greater yield for 51% less electricity, heavily reducing our carbon output.

In 2024, we increased our sustainable energy production with another £500k investment in 4,000 square metres of new and upgraded solar panels. Our aim from this is to produce over 75% of our own electricity from sustainable sources at our head office in Ripon saving over 200 tonnes a year. Our continual drive to purchase the most energy efficient machines means that we are having the most optimal usage of what we produce and reducing our carbon production.

Our overriding philosophy is to make year-on-year improvements in all areas of the business, and sustainability is the link across them all.”

Colin Trehitt, Production Manager

Our sustainability strategy is delivering real results.

We’ve now installed **2,903** solar panels, generating up to **60%** of our electricity needs from clean, renewable energy. This investment is helping us save approximately **300** tonnes of carbon emissions every year. With our sights set on achieving **net-zero** emissions by **2050**, we’re proud to be taking bold steps toward a more sustainable future.

Air quality

We have recently installed new state of the art air extraction equipment in the factory, which takes contaminated air away from working environments and turns it into clean air that can either be re-circulated around the building and used for heat in winter or sent outside.

Moving forward - Carbon reduction strategy

While we are proud of our efforts so far, we realise that there is so much work still to be done. This is why we have been working closely with environmental and sustainability consultants to formulate a new carbon reduction plan. This plan categorises each part of the business into scope 1, 2 and 3. Ultimately, we will soon be able to set a net zero carbon date for the business.

Econ’s zero emissions series

Our zero emissions range is setting a precedent for what’s to come at Econ.

We’re driving the future of sustainable road maintenance. Designed to meet the growing need for cleaner, more efficient solutions, our cutting-edge electric vehicles and equipment help operators reduce their carbon footprint without compromising on performance.

The groundbreaking E-QCB (Electric - Quick Body Change) and the innovative Electric Trailer Spreader offer industry leading versatility, efficiency, and environmental benefits. Whether it’s an adaptable, all-electric multi-function vehicle or a precision-engineered spreading solution, our zero emissions range is paving the way for greener, smarter road maintenance.

RESPONSIBLE BUSINESS

Working together for a sustainable future

At Econ, we believe our role as a responsible business goes beyond delivering exceptional products. It's about working collaboratively with our customers, partners, and team to create lasting benefits for people, the planet, and the economy.

By aligning with the United Nations Sustainable Development Goals (UN SDG) and remaining committed to innovation, sustainability, and community, Econ is proud to lead the way in responsible business practices for the winter and highway maintenance industry. Together, we can make a real difference.



A responsible business commitment to real change

We pride ourselves on being a responsible business that works hand-in-hand with our customers to drive meaningful change. As a key player in the winter and highways maintenance industry, we recognise the importance of aligning our efforts with the UN SDGs to contribute to a better, more sustainable future.

Making a difference together

We're committed to operating in a way that supports the environment, promotes social progress, and fosters economic growth. Our work aligns with the following:

Goal 8: Decent Work and Economic Growth

As a family-run business with over 55 years of history, we provide stable employment and growth opportunities for our team of 250 staff across the UK. By investing in our people, we foster long-term economic success for both individuals and communities.

Goal 9: Industry, Innovation, and Infrastructure

Through ongoing investment in innovative technologies like the fully electric E-QCB, we're modernising the maintenance industry and promoting sustainable infrastructure.

Goal 12: Responsible consumption and production

Our manufacturing processes prioritise waste reduction, and we're constantly improving the efficiency of our vehicles to minimise material consumption.

Goal 13: Climate Action

With the launch of our 2024 Carbon Reduction Plan, we've committed to achieving net-zero carbon emissions by 2050. From designing low-emission vehicles to reducing energy use at our facilities, we're taking measurable steps to combat climate change.

Opportunities to expand impact

In addition to these goals, we're exploring how we can further support other UN SDGs:

Goal 4: Quality Education

Our training programmes for employees, trainees and vehicle operators and engineers provide valuable skill development, supporting lifelong learning and career growth.

Goal 7: Affordable and Clean Energy

As we expand our line of electric vehicles and improve energy efficiency in our facilities, we aim to contribute to the transition toward cleaner energy solutions.

Goal 11: Sustainable Cities and Communities

By collaborating with local authorities to create long-lasting road maintenance solutions, we're helping to build safer, more resilient communities.

Community benefits: giving back with Econ Engineering

Responsible business means more than just sustainability, it's about making a real difference in the communities where we operate. From supporting local sports teams to championing mental wellbeing initiatives, we take pride in contributing to a stronger, more connected society.

Supporting local groups and inspiring future generations

We are dedicated to supporting grassroots organisations and young people in Ripon, Thirsk, and surrounding areas near our depots. Through sponsorships, donations, and hands-on engagement, we help local cricket, football, rugby and netball teams, as well as the Brownies, Guides, and Army Cadets.

Education is also a key focus. We regularly host visits from Young Farmers groups and give talks at local schools, inspiring the next generation about careers in engineering and the vital role of winter maintenance.



“At Econ, we have a long history of supporting community projects, and partnering with the Ripon Community Poppy Project was a fantastic way to spread extra joy during December 2024. Our gritter vehicles and their drivers are the unsung heroes of winter, so celebrating their work by giving Goldie her first jumper and hat was a wonderful experience.”

Jonathan Lupton, Managing Director at Econ

Spreading Joy, Not Just Salt: Goldie the Gritter's Holiday Adventure

One of our most heartwarming initiatives in 2024 was Goldie the Gritter, a gritter with a festive twist! Dressed in a giant, hand-knitted jumper and bobble hat, lovingly crafted by the Ripon Community Poppy Project, Goldie set off on a mission to spread holiday joy.

Visiting schools across the UK, from North Yorkshire to South Wales, Goldie not only brought smiles but also taught children about the importance of winter road safety. The festive campaign even inspired a Christmas jumper design competition, encouraging creativity while highlighting the essential work of gritting teams.

The incredible effort behind Goldie's jumper, measuring a staggering 32ft by 28ft was a true labour of love, requiring 35 volunteers, 4,500 hours, and 1,130 balls of wool. It was a celebration of community spirit, craftsmanship, and the often-unsung heroes who keep our roads safe.



Supporting Mental Wellbeing: £15,000 for Men's Sheds

Beyond our work in education and community engagement, we are also committed to supporting initiatives that improve mental wellbeing. One such project is Men's Sheds, a charity dedicated to creating welcoming spaces where people can come together, share skills, and work on meaningful projects.

In 2024, we proudly donated £15,000 to support three Men's Shed locations near our key sites in Ripon, Alloa, and Cardiff, with each receiving £5,000 to help fund their vital work.

- Ripon Men's Shed is using the funds to build a brand-new workshop, expanding its capacity to bring people together and reduce social isolation.
- Cardiff Men's Shed has used the donation to rent a container, giving members a dedicated base to continue their work.
- The Forth Valley Men's Shed in Alloa is securing new premises to support the group's future growth and sustainability.

“We are thrilled about Econ Engineering's generous support for the Men's Shed movement. It recognises the enormous difference Men's Sheds can make to both their members and the wider community. These grants will have a lasting, positive impact.”

Rob Lloyd, Chair of UKMSA

Colin Trehitt, Factory Manager at Econ, explained:

“At Econ, we are proud to support Men's Sheds across the UK. We've seen firsthand how these spaces create friendships, provide purpose, and combat loneliness. These donations will help each Shed continue their invaluable work in the communities we serve.”

Commitment to Community at Every Level

For over 55 years, Econ Engineering has been more than just a leader in winter maintenance solutions, we've been a business built on responsibility, integrity, and community spirit. From grassroots sports teams to mental wellbeing initiatives, our goal is simple: to make a meaningful difference where it matters most.

As we continue to grow, so does our commitment to the people and places that support us. Whether it's through educational outreach, festive fun with Goldie the Gritter, or helping combat loneliness with Men's Sheds, Econ is dedicated to driving positive change on and off the road.



03

OUR LATEST PRODUCT DEVELOPMENTS

SPARGO CONTROL SYSTEMS

Innovative Control, Maximum Precision

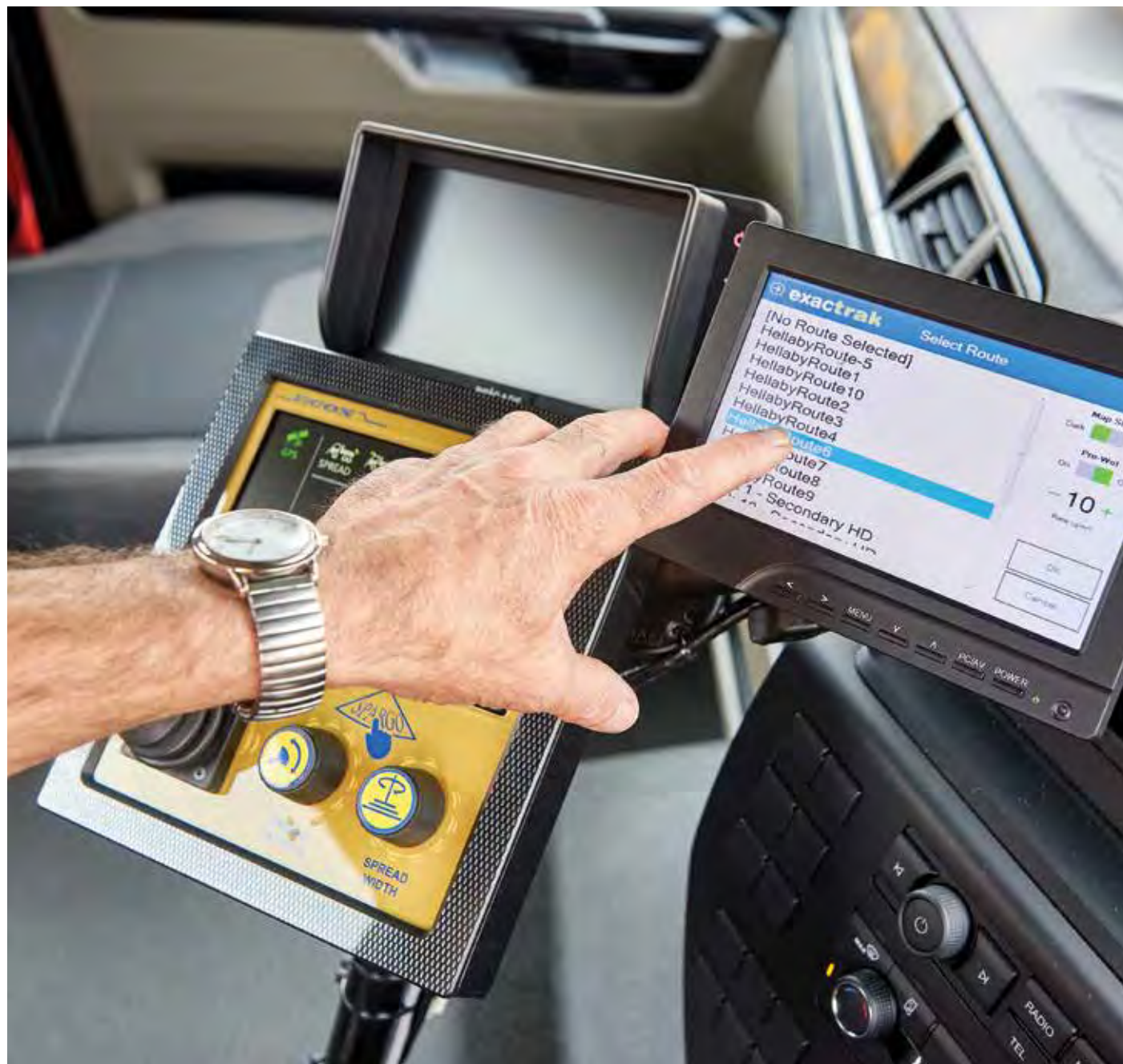
Whether adjusting grammage, spread pattern, width, or plough operation, SPARGO ensures consistent, reliable performance in all winter conditions.

With fully-customisable chassis and body options, Econ vehicles are fitted with the latest generation of SPARGO Control System, setting industry standards in quality and innovation as we keep the UK's highways safe and clear.



Advanced control & user-friendly operation

- **Modern, ergonomic design** – a sleek control box with a large display and adjustable switch positioning.
- **Fast, responsive operation** – allows multiple functions from one display with audible feedback for enhanced usability dependent on vehicle specification.
- **Road speed integration** – fully linked to the vehicle's actual road speed, ensuring consistent and repeatable calibration.
- **Smart conveyor control** – dynamic conveyor speeds based on salt density for improved calibration and efficiency.



“SPARGO Control Systems ensure greater efficiency, enhanced precision, and cost-effective operation...”

Superior calibration & precision

- **Dynamic salt calibration** – easy adjustments for different salt types, ensuring optimal distribution.
- **Exact chute and door settings** – precise calibration settings improve efficiency and reduce waste.
- **Fast spinner and chute speed adjustments** – enhancing auto salt reaction times for quicker response to changing conditions.
- **Improved brine calibration** – accurate prewet brine density calculations for consistent application.

Reliability & cost-effective performance

- **In-house design & manufacturing** – allowing continuous improvement, updates, and full control over product quality.
- **Updateable in the field** – post-purchase software updates require engineer visit only, keeping your system current.
- **Enhanced pump control** – faster, smoother operation with feedback warnings for potential issues.
- **Smart start technology** – protects hydraulic systems by controlling conveyor start speed.

Choose SPARGO for unmatched winter road safety

SPARGO Control Systems ensure **greater efficiency, enhanced precision, and cost-effective operation** for winter road maintenance. With its state-of-the-art technology and customisable features, SPARGO helps operators work smarter, faster, and with absolute confidence.



ECON SALT DISTRIBUTORS

As leaders in the winter maintenance vehicle industry, Econ prides itself on setting the standard when it comes to delivering innovative and technically advanced improvements to its pioneering range of gritters, snow clearance vehicles and hotboxes.

The latest cutting edge modification to be introduced is the CRC (Central Rotating Chute) distributor with its patented design delivering better control, flow and delivery of the salt.

Working in conjunction with the latest generation of SPARGO Control Systems, the CRC distributor not only provides a low, smooth throw of salt but its state-of-the-art design allows for the chute to be partially detached from the chassis giving vastly improved access for maintenance, testing and cleaning.

The new design also allows for a more accurate spreading pattern from left to right and a larger disk diameter with optimised flight design producing a cleaner salt stream.

Other Econ-designed distributors include, a simple manual distributor which is only used on trailers and the lightweight RO-RO, the more common Smooth Flow and the Low Throw which is made for use in urban areas as it delivers a low salt throw trajectory, ensuring there is no damage to parked vehicles.

04

OUR WINTER RANGE

Specialists in keeping winter roads clear, we design and manufacture a premium range of gritters and snow clearance vehicles.





All of our vehicle bodies are compatible with a wide range of chassis cabs from Original Equipment Manufacturers (OEM). Our regional sales managers will help you to tailor the best combination of chassis, body and features for your specific maintenance vehicle needs.



As specialists in winter service, our iconic gritters cut a familiar and trusted figure on the UK's roads each winter. But though they may be instantly recognisable, our gritters are all developed over many years using industry feedback, offering specific options to tailor the body specification to suit the customer's environment and operational needs.

From a 3.5T sprinter to an 8x4 32 tonne vehicle with 12cu load capacity capable of distributing dry, pre-wet or liquid de-icing solutions – we manufacture to suit you and your needs.

Innovative control capability

Our latest SPARGO control system provides the operator with an intuitive in-cab display panel, allowing for quick and easy operation of the de-icing material.

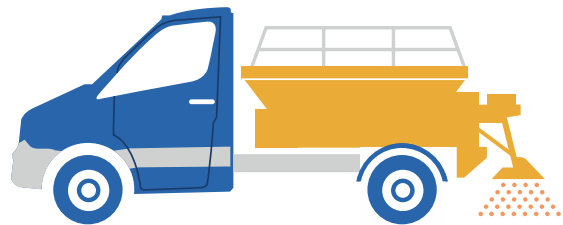
The control system enables complete control of the quantity, spread pattern, width and plough operation when being used for winter service.



Gritters

(70/30, 50/50 mix), 100% liquid application, or combi spreaders

- Capacities ranging from 0.7m³ to 12m³
- To suit chassis cabs from 3.5t to 32t
- Route guidance and automated spreading available through our SPARGO control system
- Permanent, QCB, RoRo and hook lift models available



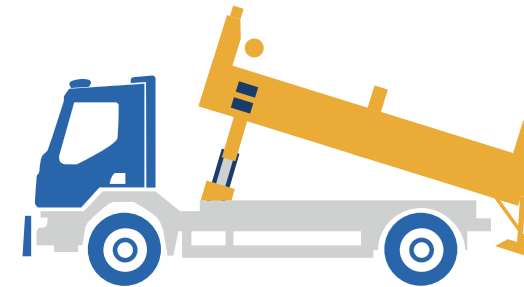
Compact gritters

- Non-HGV self-drive spreaders that can be mounted onto other vehicles
- Capacities ranging from 1t to 3t
- Can be fitted to a sprinter chassis as a permanent mount option
- Route guidance and automated spreading available through our SPARGO control system



Liquid de-icers

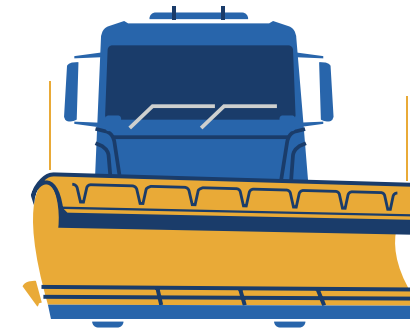
- Econ Engineering's own spray bar design, offering customer-specific application widths
- Capable of spraying brine, glycol or potassium acetate



Multipurpose vehicles (multispread, unibody or QCB)

A range of highway maintenance tasks can be executed from a single chassis, including:

- Road patching
- Sandbag filling
- Winter salt spreading using an auger



Snow ploughs

- High speed and heavy duty
- Suitable for 7.5t to 32t GVW chassis applications
- Compact 'E', Standard 'E' and HD 'E' ploughs available
- Industry standard DIN plate plough mounting for easy fitting by a single operator
- Suitable for tractor, chassis, HGV or other plant machinery

05

OUR YEAR- ROUND RANGE

As well as our specialist winter products, we offer a range of year-round highway maintenance vehicles. These machines can be tailored to your needs and are compatible with a wide variety of OEM chassis cabs.





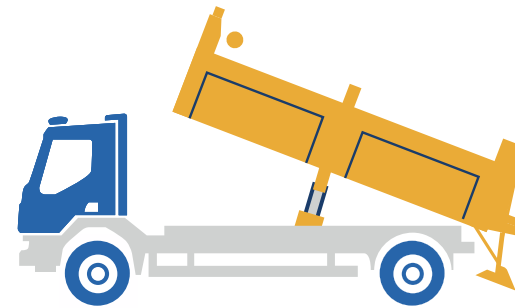
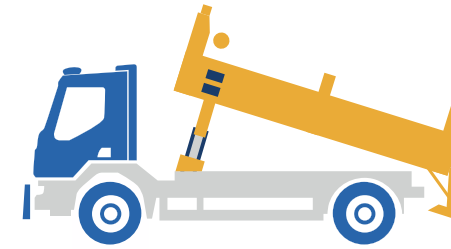
Multipurpose maintenance vehicles

Econ's multipurpose bodies allow you to execute a range of highway maintenance tasks from a single chassis, such as road patching, sandbag filling and winter salt spreading.

Our innovative SPARGO control system allows for easy use of tipper, hotbox and demounting operations. Using a single control box for both winter and road maintenance vehicles makes it simple for your teams to transfer between a range of operations throughout the year.

Unibody

- Three way and rear tip options available
- 6m³, to suit 18t chassis
- Pre-wet application option available
- Fully insulated body
- Black top and sand handling
- Route guidance and automated spreading available through our SPARGO control system



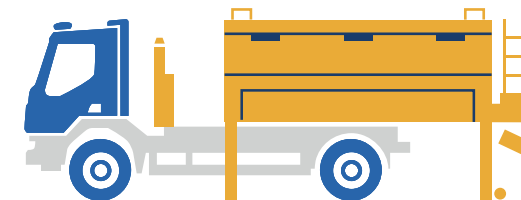
Multispread

- End tipping facility
- 2.5m³ to 4m³, to suit chassis from 7.5t to 14t
- Fully insulated body
- Black top and sand handling
- Route guidance and automated spreading available through our SPARGO control system

QCBs

Gritter, Tipper, Hotbox, Tanker, Platform, Box Body

- Our Quick Change Bodies (QCBs) allow for a comprehensive choice of bodies to be mounted on a single chassis through a swap body system. Body options include:
- Non-insulated and insulated tippers, with options on fixed or drop sides, sheet systems, tailgates and lighting configurations
- Hotbox or Roadmender
- Vacuum tankers and low and medium volume tanker combinations (through our partnership with Whale Tankers)
- Street lighting bodywork (with crane application permanently mounted to the chassis)
- Flood defence – GRP box bodies
- All QCBs also have dry, pre-wet and liquid de-icing capacities from 3m³ to 12m³
- More specialist application bodies can also be bespoke manufactured to meet more precise needs
- Our range also now includes the E-QCB, a fully electric-powered vehicle



06

OUR HIGHWAY REPAIRS RANGE

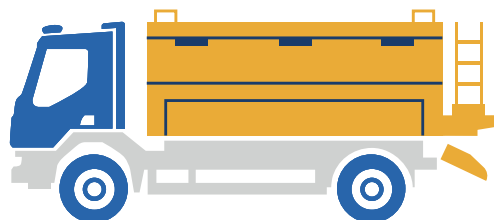
Innovative Solutions for Pothole and Road Repairs

With the UK government's £1.6 billion pledge to repair seven million potholes across England, there's never been a better time to invest in Econ's cutting-edge highway repair solutions. Our versatile Hotboxes and Roadmenders are designed to streamline road, pothole, and pathway repairs, helping you achieve faster, more efficient, and cost-effective results.





Backed by the UK government's **£1.6 billion** commitment to fixing seven million potholes, the spotlight is firmly on effective road maintenance, making this the ideal moment to turn to Econ's innovative highway repair solutions.



Hotboxes

- Single and twin chamber Hotboxes
- Thermostatically controlled gas heating
- Metered auger discharge
- Dedicated vehicle or as a demountable QCB body
- To suit chassis from 12t to 26t



Roadmender

- Complete patch repair Hotbox
- Self loading debris tipper
- Dedicated or QCB variants available



Why Choose Econ for Highway Repairs?

- **Keeps asphalt hot and ready** – Repairs are always on schedule.
- **Reduces waste** – Maintain material at optimal temperature with zero loss.
- **Saves time and money** – Maximises efficiency for round-the-clock operations.

The Econ Advantage: Our Hotbox features an innovative V-design hopper and minimal air gap, ensuring materials are always at the correct operating temperature. This design reduces downtime and boosts productivity, making every repair more efficient.

Econ's industry-leading solutions ensure your road repair teams are equipped to meet today's infrastructure demands. Optimise your repairs and take advantage of the government's funding now.

07

OUR ZERO EMISSIONS RANGE

Clearing the road for a greener future.

Econ's Zero Emissions Range is designed to meet the growing demand for cleaner, more efficient road maintenance solutions. Developed with cutting-edge technology and a commitment to sustainability, our range is helping operators reduce their carbon footprint while maintaining peak performance.

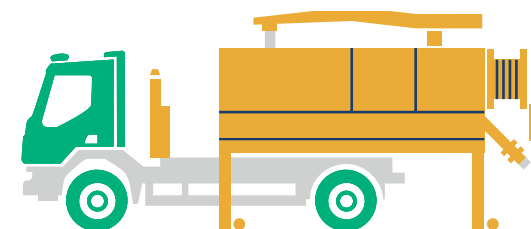


SCAN TO VIEW
OUR E-OCB
BROCHURE





The lineup includes the groundbreaking **E-QCB** (Electric - Quick Body Change) and the innovative **Econ Electric Trailer Spreader**, each offering significant benefits for both users and the environment.



E-QCB: A Fully Electric, Multi-Function Vehicle

- 19-tonne Volvo FE Electric 4x2 chassis
- Range of demountable body options including gritter, tipper & caged body
- Different battery configurations allow optimisation of range & payload
- Up to 170 miles of range
- Fully charged in less than 2 hours (subject to infrastructure)
- ULEZ exempt

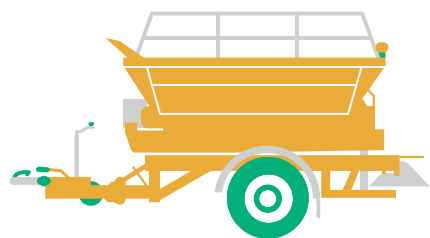
E-QCB: A Fully Electric, Multi-Function Vehicle

The E-QCB developed on an OEM Volvo chassis is an industry-first, fully electric vehicle that can seamlessly switch between a gritter, tipper, or hotbox body in minutes. This versatility provides operators with yearround utility in a single, sustainable vehicle.

Why Choose the E-QCB?

- **Zero Emissions** – Fully electric with no tailpipe emissions, ensuring compliance with ultra-low emission zones (ULEZ).
- **City-Friendly** – Silent operation allows for night-time use in urban areas without disturbing residents.
- **Enhanced Efficiency** – Quick body changes mean more uptime and increased versatility.
- **Driver Comfort** – Reduced vibration and noise levels improve the driving experience.
- **Reliable Performance** – Backed by OEM vehicle status and 24/7 breakdown cover for peace of mind.

The E-QCB represents the future of electric, multi-purpose fleet vehicles that are efficient, adaptable, and sustainable.



Electric Trailer Spreader

- 1.5m³ hopper and up to 3000kg gross mass
- Battery operation approx. 8 Hours
- Equipped with a CRC distributor for targeted salt application and reduced waste
- Battery Charger: 240v (3 pin domestic plug)
- Maximum towing speed: 50mph

Electric Trailer Spreader: The Future of Road Treatment

The Econ Electric Trailer Spreader is an independently powered, fully electric trailer designed for efficient and environmentally friendly road treatment. With a 1.5m³ hopper and up to 3000kg gross mass, it provides reliable performance for both urban and rural settings.

Benefits to Users & the Environment

- **Fully Electric Operation** – No fuel or oil usage, significantly reducing emissions and enhancing safety by eliminating the risks of spills and flammable fuels.
- **Compact & Agile** – Perfect for narrow streets and tight spaces, it can handle city and rural routes without draining the towing vehicle's power, improving fuel economy.
- **Silent Operation** – Low noise makes it ideal for night time spreading in urban areas.

Advanced Spreading Technology

Equipped with the patented Central Rotating Chute (CRC) Distributor, the Econ Electric Trailer Spreader delivers exceptional accuracy and efficiency:

- **Uniform Spread Pattern** – Consistently covers the entire route, reducing salt waste and ensuring optimal road safety.
- **Enhanced Precision** – Targeted salt application for maximum effectiveness.
- **Greater Reach** – High-speed motors allow salt to cover a larger area.
- **Independent Control** – Adjust the distributor and conveyor independently for tailored spreading.
- **Static Spreading Capability** – Begin spreading salt without needing to move the trailer.

Operational Efficiency & Cost Savings

- **Battery Longevity** – Operates for a full day on one charge and recharges overnight.
- **Fast Offloading** – High-speed motors allow rapid unloading when necessary.
- **Streamlined Hopper Design** – Prevents salt bridging and improves flow for smooth spreading.
- **Low Maintenance** – Fewer moving parts and no hydraulic systems reduce maintenance costs and downtime.

The Econ Electric Trailer Spreader is a game-changer for road treatment, combining sustainability with industry-leading technology.

Upgrade Your Fleet Today! Choose Econ's Zero Emissions Range and lead the way toward a cleaner, greener future for road maintenance.



08

CONTRACT HIRE & MAINTENANCE

Econ operates the largest own brand winter service fleet in the UK, with over **1,000** vehicles. For a fixed six month cost, customers benefit from a self drive solution with a 24/7 full maintenance guarantee (fixed minimum term of 26 weeks per year).

All our hire contracts include an annual certificate of conformity regarding de-icer application, as well as a replacement vehicle policy that gives you peace of mind that your winter service will not be affected by any potential mechanical defects – night or day.

Once the winter period is over, we will collect the vehicles and bring them back to one of our four purpose built service centres. There, highly trained engineers will use the latest technology to carry out a 360 point health check.

This thorough process ensures that the vehicles are in the best mechanical and aesthetic condition, ready for the next winter's duties.

A flexible solution developed for your needs

The Econ Hire division was developed to help our customers run a winter vehicle fleet where fixed seasonal winter service costs are required. This is a service innovation that continues to evolve in response to our customers' budget and operational challenges.

Complete peace of mind

By hiring an Econ vehicle, you will have complete peace of mind that your operating costs are fixed for the length of the contract term. All Econ contract hire vehicles are only paid for during the operational months for a variable contract period (fixed minimum term of 26 weeks per year).

During the contract period, our engineers are on call 24 hours a day, seven days a week (including all bank holidays) to complete regular service inspections to keep the equipment on the road. Should any mechanical defect not be rectified within 24 hours, Econ will replace the vehicle with a suitable alternative to avoid any issues in delivering your winter service.*

The engineers will also conduct scheduled maintenance visits during the contract period, and each summer, your winter hire fleet will return to a service hub for a complete overhaul.

**Includes call out and repair costs for all body, tyre and chassis repairs due to wear and tear.*

Did you know?



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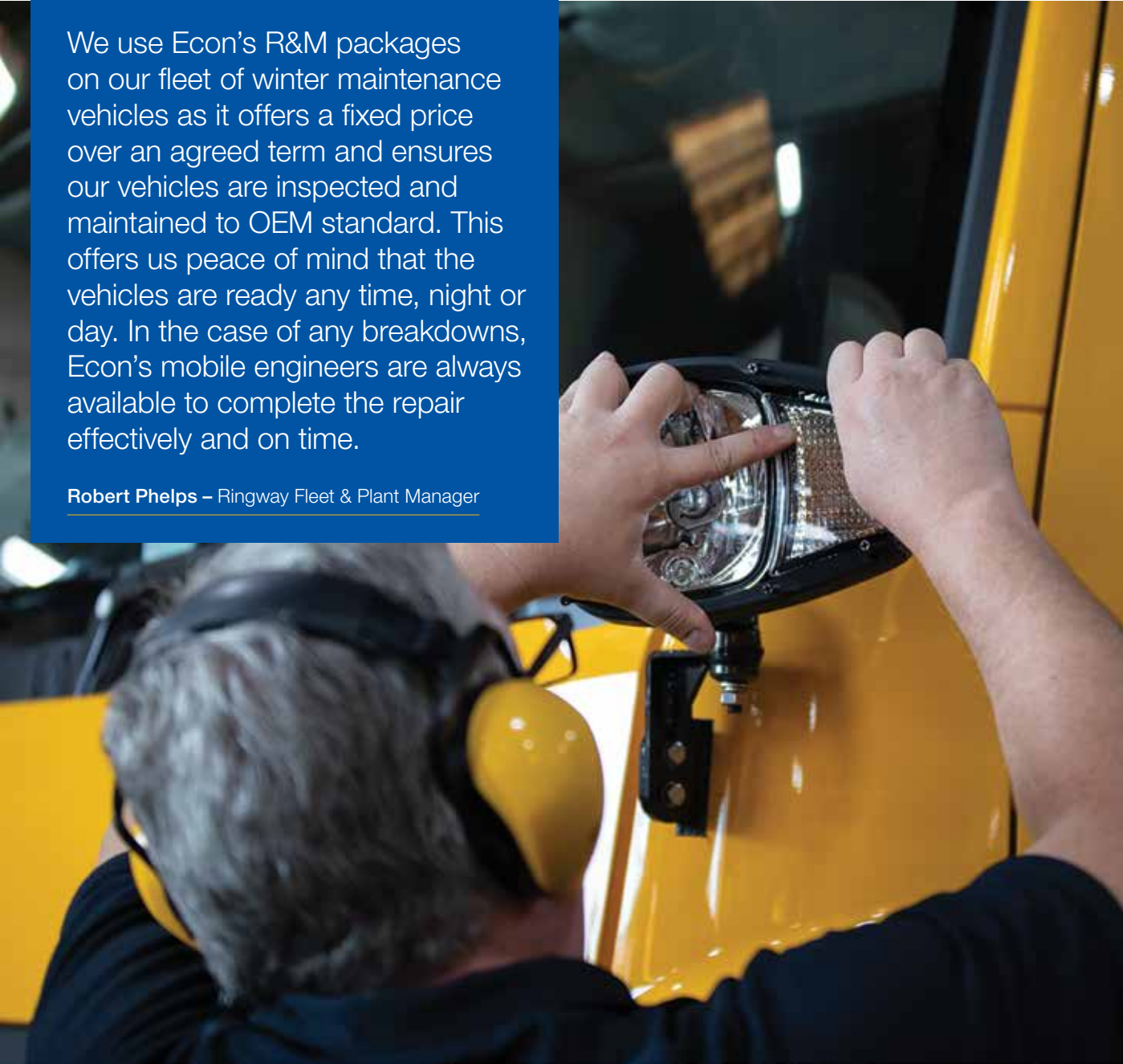
“We use Econ’s winter hire fleet in the county. This service not only ensures we have the latest chassis and bodywork available in the market, but also offers peace of mind that we are covered in every situation with support during the winter season.

Econ’s support of the fleet is second to none. Routine services and inspections are completed efficiently, and when the unfortunate situation of a breakdown occurs, these are sorted by Econ’s internal maintenance team. All of this allows the council to keep the roads safe in the worst conditions.”

Simon Rowe – Operations Resilience Manager for Wiltshire Council

One fixed monthly cost includes:

- Replacement vehicle policy
- Complete vehicle hire agreement
- Chassis and body repairs and maintenance
- Annual conformity certification
- Tyre wear and tear
- On-site 24/7 breakdown cover



We use Econ's R&M packages on our fleet of winter maintenance vehicles as it offers a fixed price over an agreed term and ensures our vehicles are inspected and maintained to OEM standard. This offers us peace of mind that the vehicles are ready any time, night or day. In the case of any breakdowns, Econ's mobile engineers are always available to complete the repair effectively and on time.

Robert Phelps – Ringway Fleet & Plant Manager

CONTRACT MAINTENANCE

For customers who invest in our machinery, Econ offers fixed-cost 24/7 maintenance contracts for between three to eight years.

Our fixed-price R&M contract covers all the equipment manufactured and fitted by Econ from new. We offer contract terms from three to eight years on winter service equipment and three to five years on Multipurpose, Roadmender and Hotbox bodies.

Starting when the vehicle goes into service, Econ's contract maintenance package covers:

- Annual conformity check and certification
- Bodywork inspections at regular intervals
- Repair and maintenance of the bodywork
- 24/7 breakdown cover relating to the bodywork
- Annual summer service, including washdown and damage reporting

All of our team have a comprehensive knowledge of our products, so you can always rely on them to manage your maintenance tasks or find you the part you need to keep your vehicles moving. From scheduled vehicle maintenance and repairs to emergency callouts, the team will get your fleet up and running as quickly as possible with the minimum amount of fuss.

Mobile servicing & repair

A wide range of servicing, repairing and maintenance can be undertaken almost anywhere you need it, thanks to our fully equipped service vans. Whether you're on site or on the roadside, our highly trained mobile service engineers are on call 24/7 to support our contract hire and contract maintenance customers.

Econ service engineers provide

- 24/7 breakdown and repair service
- 24-hour repair and replacement promise
- Scheduled maintenance programme such as annual calibrations

Regional service hubs

Econ has four maintenance and service hubs in Alloa, (Scotland), Cardiff (Wales), Halesworth and a new site in Thirsk, North Yorkshire which opened in spring 2022. Each depot is a state of the art service and repair centre, also stocking Econ specific spare parts.

These hubs supplement our mobile network of specialist Econ service engineers to bring fast, localised servicing to Econ vehicles across the UK, either as part of existing contract maintenance packages, or on an ad-hoc basis by arrangement.



SERVICES OFFERED:



Brake tester



Diagnostic equipment



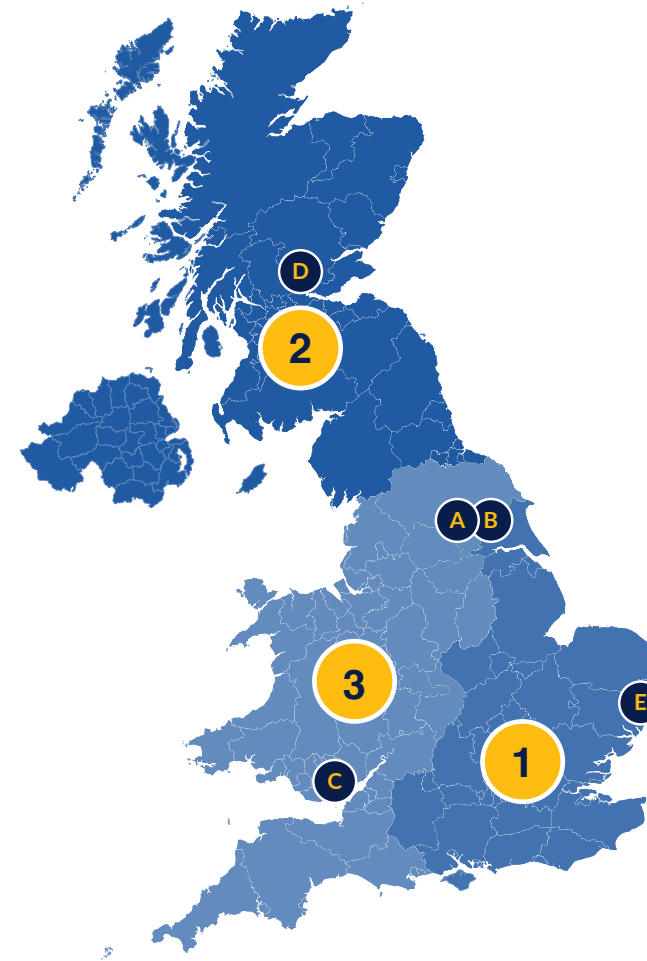
MOT facilities



Paint facilities



Stores



sales@econeng.co.uk | hire@econeng.co.uk

OUR DEPOTS

A. Ripon Factory, Headoffice

B. Sowerby Service Centre

C. Cardiff Service Depot

D. Alloa Service Depot

E. Halesworth Service Depot

CONTACT US

If you would like to receive more information on our product range, please contact one of our sales managers:

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