

SMT

SERVICES MACHINERY TRUCKS

VOLVO IN WASTE & RECYCLING

www.smt.network/gb



PUT WASTE IN ITS PLACE

Volvo has over thirty years' experience in waste handling and offers the markets widest range of purpose-built machines; all designed to meet high industry demands for safety, dependability and cost efficiency.

Environmental demands regarding waste disposal and recycling have increased dramatically. Volvo has always been driven by the strong core values of Quality, Safety and Environmental care. Today these core values are more relevant than ever; not least in waste management.

Wheeled Loaders

Specialised tasks require specialised equipment, which is why Volvo Construction Equipment offers wheeled loaders configured to meet the unique requirements of a wide range of waste, recycling & material handling tasks.

Application specific wheeled loaders are designed and built to ensure you achieve superior results, according to the unique demands of the segment you are working in. The right machine options, tyres and attachments all combine to ensure Volvo's specially adapted wheel loaders deliver maximum safety and performance. As with all Volvo products, you can trust in the full support and back-up provided by SMT GB for the lifetime of your machine.

Excavators & Material Handlers

Throughout the decades, Volvo wheeled excavators have proven to be reliable multi-purpose machines. Our EW240E MH is specifically designed for waste and recycling industries and offers a spacious Volvo cab, which can be raised up to five metres above the ground, for an eye-level view.

Any Volvo excavator can be configured both inside and out to suit your business needs. From waste handling to scrap sorting, you can maximise your machine's productivity with a range of durable grapples - available to you through the Volvo factory. To facilitate easy operation, the Attachment Management System stores the settings for up to 20 different attachments, getting you back to work as fast as possible.



THE STRENGTH TO SUPPORT YOUR BUSINESS



This L90H Loading Shovel is equipped with a 3m³ Hi-Tip bucket, complete with top clamp. This has been key to handling the variety, weight & density of the materials arriving on-site. This machine is also fitted with a BM AIR filtration system to filter and pressurise the air entering the operator's cab. This eliminates dust and odour arising from handling decomposing materials. The system includes an audible and visual warning if the pressure drops inside the cab.

This A25G Articulated Hauler was requested by a customer who needed a machine with high carrying capacity and the all round capability to go anywhere on-site, irrespective of the ground conditions. This Articulated Hauler was fitted with an optional cantilever tailgate and side extensions to carry the maximum payload and volume, which equates to 17.6m³ and is ideally specified for hauling the typical light and loose flowing materials that can be found on-site.



Specifically designed for waste and recycling industries, the EW240 MH is perfect for waste handling activities. This machine works a 12 hour shift seven days a week, loading either high-sided bulkers or a high capacity mobile shredder. 50,000 tonnes of waste will be handled by the machine each year. This material handler is fitted with a fire suppression system, auto-greasing system and flashing rear blue strobe lights.

This EC200E excavator is equipped with a selector grapple and is in charge of sorting incoming material, which is comprised of general industrial inert waste, skip waste, rubble and demolition waste.

It works alongside an EC220E, which was chosen primarily to load concrete, rubble and hardcore into a primary crusher, in addition to breaking up larger oversized material with the aid of a hydraulic hammer and a hydraulic pulveriser.

VOLVO ELECTRIC MACHINERY

Volvo Construction Equipment is designed to meet high industry demands for safety, dependability and cost efficiency, and now can also help you reduce your carbon footprint with electric machinery.

Electric machines are ideally suited to waste and recycling applications, helping to deliver a more sustainable way of working to match the environmental ambitions and operations of the very business itself. It is a circular economy approach that matches the company ambitions of Volvo Construction Equipment, which has committed to achieving net zero greenhouse gas emissions by 2040 across its operations and supply chain.

Compact Machines

Electric machines have the power to change the way you do business. You get high performance delivered with less noise, fewer vibrations and no exhaust fumes.

Increasing sustainability requirements and stricter regulations create new opportunities for you and your business. You can work in new places, in sensitive environments and even indoors. Make progress in a sustainable, efficient and peaceful way.



Electric Conversion Machinery

Providing all the benefits of the diesel-powered L120H but with added sustainability, the L120H Electric Conversion offers all the efficiency, comfort and performance customers have come to expect from Volvo machines but with zero emissions.

Powered by 240 kWh batteries, it provides a runtime in medium duty applications of an estimated 4-5 hours, making it easy for customers to make the switch to electric machines.

Tethered Electric

The EW240 Electric material handler will be a purely electric driven machine, perfect for the waste and recycling sector. This machine will need to be connected to the local power grid for operation making it suitable for a fixed location machine, working in an indoor environment.





Scan the QR code to learn
more about the L120H Electric
Conversion from Volvo



SOLUTIONS TO SUPPORT YOUR BUSINESS

MySMT

An online platform that offers 24/7 access to SMT.

MySMT is our new online customer portal that enables quick and easy access to all your administrative documents and fleet information. Fleet management is made simple with all your information stored in one place.

MySMT consists of three parts; Company, Fleet and Parts. Each of these sections offers areas to manage your fleet more efficiently and keep up to date with fleet data or machine changes, such as services and inspections.

Having quick and easy access to fleet information and documentation is an essential for maintaining a smooth running machine fleet. MySMT helps you view all the data efficiently so you can focus on the machines in your fleet that need the support most urgently.

Assess and reduce your carbon footprint by viewing machine telematics data, service reports and emissions data within MySMT. By identifying key areas for improvement we can help you adjust and amend your fleet or site to meet your carbon reduction goals.



Online Parts

Our online parts webshop enables our customers to order the genuine Volvo parts they need for their machinery online 24/7, helping to reduce machine downtime when parts need replacing.



See previous orders and save part numbers for future orders



Find the correct parts using technical drawings of your machines



Order parts online, 24/7 through MySMT





SMT ProCare

Turn Insight Into Action with ProCare

Data can be a powerful way to improve the uptime of your fleet, but data overload can stand in the way of getting to the information that really matters. By combining multiple data sources, the SMT ProCare team can monitor and flag any potential issues, helping to reduce unplanned downtime and minimise repair costs.

With ProCare, SMT analysts monitor the health and performance of your machines remotely, creating bespoke recommendations if a machine intervention is required. This proactive approach helps to prevent breakdowns and leaves you more time to focus on your core operations.



Scan the QR code to learn more about SMT ProCare

Customer Support Agreements

We believe you should be able to choose the level of support that suits your company and machines' needs, which is why we offer three levels of Customer Support Agreement.

The three levels of support; Connect, Enhance, and Optimise, enable our customer's access to our highly qualified engineers and dedicated SMT GB support team based all across Great Britain.

By moving up each level of support agreement, the benefits to your company and machine increase. To see the full breakdown of each level, scan the QR code below.



Scan the QR code to view the specifics of each level of Customer Support Agreement SMT GB offer

SOLUTIONS TO SUPPORT YOUR BUSINESS



Site Simulation

Discover the full capabilities of your site and fleet with Site Simulation

See your site from a whole new perspective with our site simulation service. Using the latest surveying drone technology, combined with your machine telematics we are able to recreate your site and its machine activity in 3D.

By creating your site in 3D, we can...

- offer recommendations to optimise your fleets productivity and site layout through a combination of SMT solutions before anything needs to be moved physically.
- help you to run your site more sustainably by providing ways to reduce emissions from your machines. For example analysing areas of machine idling that are contributing to wasteful fuel burn.
- help you analyse stock piles and stock pile locations on your site with 3D scanning techniques to ensure they are in the most efficient place for your machinery.
- help you to understand the best possible machines or fleet configuration for your site, productivity and sustainability goals.

EcoOperator

Unlock the full potential of your machine

With EcoOperator training from SMT, operators will learn how to get the most out of their machine, whilst reducing fuel consumption, emissions and wear.

Reducing costs, while increasing productivity and safety, is a test that customers face every day. Reliable and efficient machines play an important part in achieving this, but it is the performance of the operator that really makes the difference.

This is an advanced course for already-experienced operators, with a primary focus on efficiency. The program helps operators be more productive, while reducing fuel consumption, machine wear and tear, and unplanned downtime – for a more profitable and environmentally friendly operation.

Money invested in operator development is money well spent. A skilled machine operator works faster and more efficiently – saving time and fuel. Suitable operator training will help boost your profitability, reducing both operating costs and environmental impact.





Load Assist

Optimise your load cycles with Load Assist

Powered by Volvo Co-Pilot – the revolutionary in-cab display, gaining you access to a set of smart apps to boost the efficiency of your operation.

Load Assist's On-Board Weighing feature enables you to track and measure bucket load on-the go, eliminating any disruption in the workflow. Simply use Volvo Co-Pilot to monitor loading progress, track materials and trucks, and change work orders in seconds.

For handling waste with precision, use Load Assist to get it right first time, with tonnage measurements accurate to within +/- 1% for every bucket-load. When site conditions or customer requirements make it impossible to lock the load within this margin, simply switch to within an accuracy of +/- 2% enabling you to work with both efficiency and accuracy.

Optimized for standard bucket operations, the system is suitable for high tip buckets and side dump buckets as well, and also compatible with forks and grapples (accuracy +/- 2%) making it applicable to most applications in the waste and recycling sector.

SMT GB Rebuild Options

At SMT GB we are proud to be able to offer a number of different rebuild options and solutions to fully satisfy our customers' equipment needs. Whilst for some a brand new Volvo is what is required, for others the ability to restore an existing machine at a fraction of the price, is the right decision.

We believe there are 3 main benefits to choosing to rebuild rather than buy new, these are pricing, carbon output and peace of mind.

- It often comes in considerably cheaper than a brand new machine. For example the SMT rebuilds have been priced between 30-50% of the cost of buying a new machine
- During a rebuild there are no Scope 1-3 emissions being generated through manufacturing and parts production, making rebuilding an existing machine a considerably better choice for the environment.
- Your rebuild will be carried out by highly certified and experienced SMT certified engineers, giving



Scan the QR code to view the three different machine rebuild options that we offer, or for further information visit:

www.smt.network/gb/smt-gb-rebuild-options



VOLVO L25 ELECTRIC CASE STUDY



ReTuna Recycling Centre

Eskilstuna, Sweden

The Volvo L25 Electric wheel loader has proved it has the power to lower costs as well as emissions in a compelling demonstration at two waste and recycling plants in Sweden – helping the centre to deliver on their vision for a more circular economy.

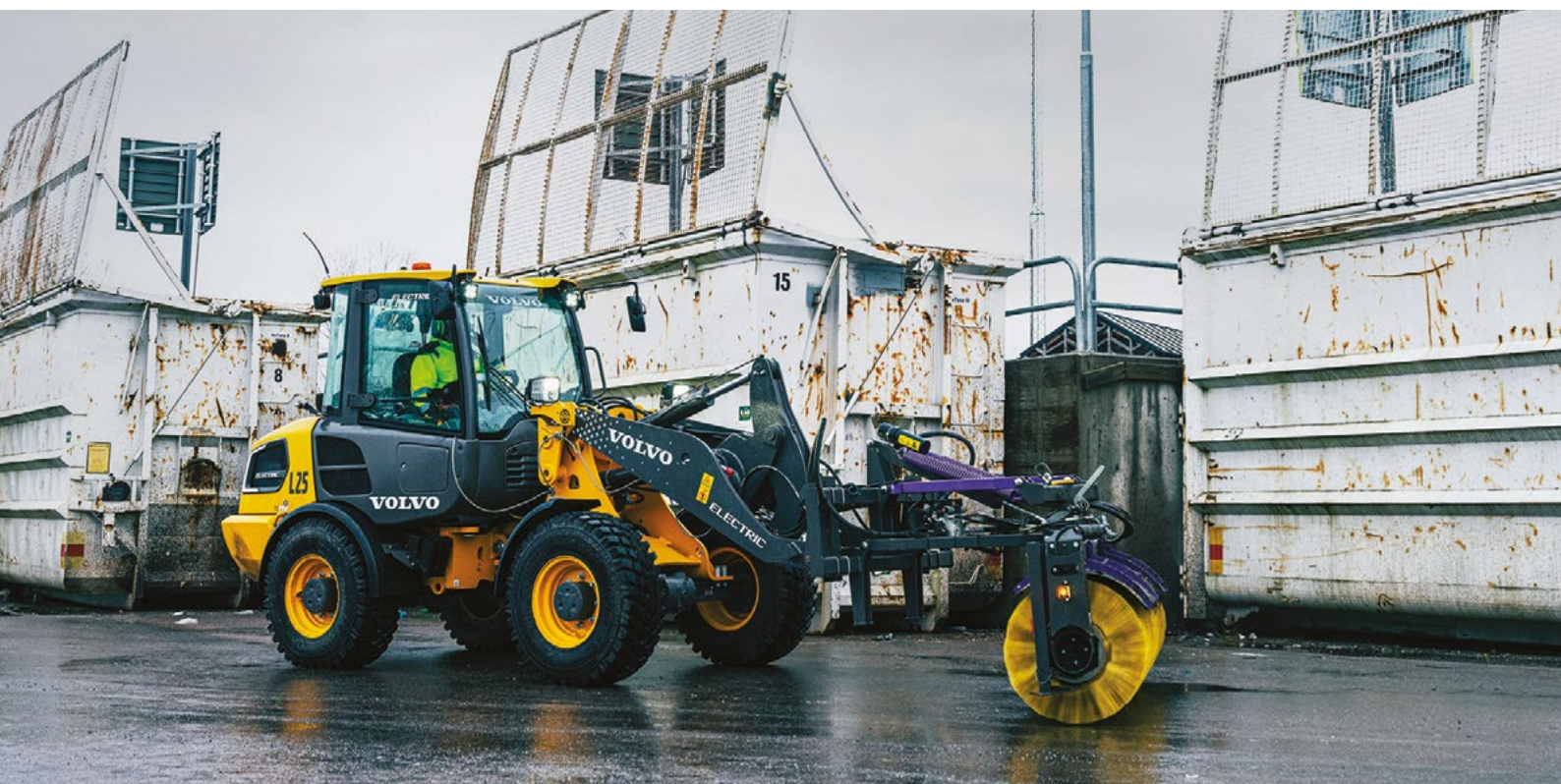
The L25 Electric was put through its paces with a variety of tasks, such as cleaning ground surfaces and sorting and lifting recycled or donated goods. It handled these challenges with ease thanks to a number of easily interchangeable attachments – including a grading bucket, advanced hydraulic forks and a Holms sweeper. And all using only an on-board (AC) charger to provide the power.

Not only did both customers and operators alike value the machine's performance. Over the two-week period, the use of just one electric machine saved 250kg of CO₂, which translates to at least 6 tons of CO₂ that could potentially be saved across a six-month busy season in this application.

The L25 Electric not only provided a CO₂ reduction for the two sites, but also delivered an 86-87% saving in energy costs at both centres – with the costs for charging just a fraction of that required to fuel a diesel equivalent machine.

Another benefit highlighted by operators was the L25 Electric's near silent operation, which makes it easier to stop and talk to visitors, for example.

Electric machines are ideally suited to waste and recycling applications, helping to deliver a more sustainable way of working to match the environmental ambitions and operations of Volvo CE. Volvo has committed to achieving net zero greenhouse gas emissions by 2040 across its operations and supply chain.



SCAN THE CODES TO WATCH THE VIDEOS BELOW



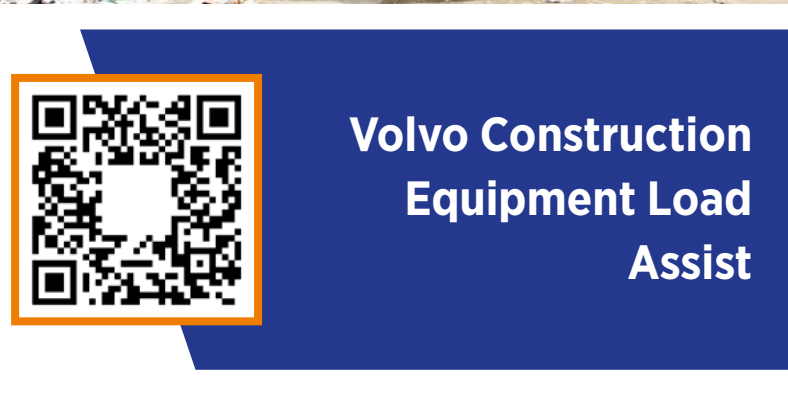
**Volvo wheel loaders
in waste and recycling
applications**



**Volvo L25 Electric
Compact Wheel
Loader at Swedish
recycling facilities**



**Wheel Loaders
built for Waste
and Recycling
Applications**

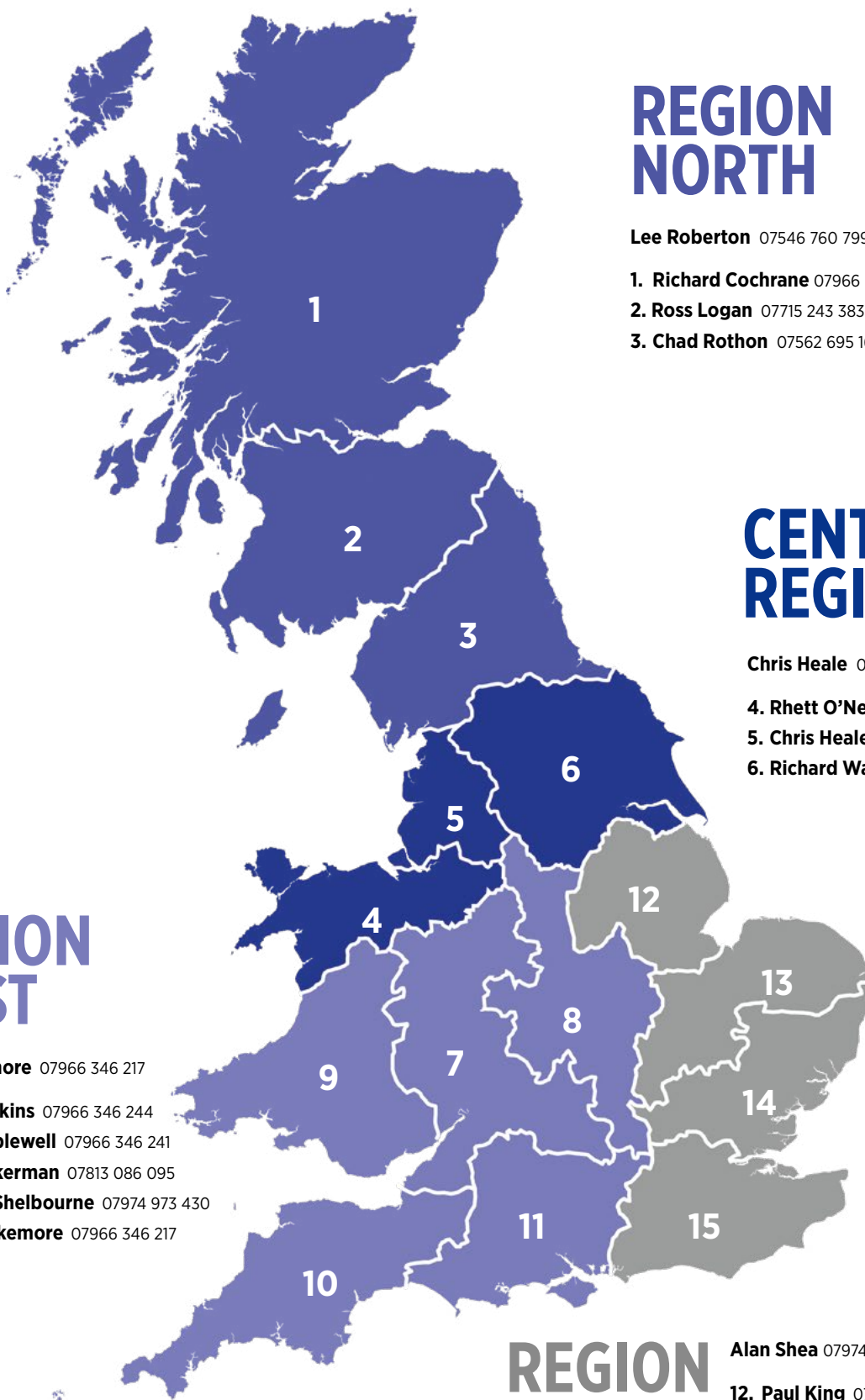


**Volvo Construction
Equipment Load
Assist**



**Emission-free
recycling in Bavaria
with electric machines
from Volvo**





REGION NORTH

Lee Roberton 07546 760 799

- 1. Richard Cochrane** 07966 346 294
- 2. Ross Logan** 07715 243 383
- 3. Chad Rothon** 07562 695 162

CENTRAL REGION

Chris Heale 07526 174 253

- 4. Rhett O'Neill** 07974 973 420
- 5. Chris Heale** 07526 174 253
- 6. Richard Walker** 07925 617 971

REGION WEST

Mark Blakemore 07966 346 217

- 7. John Jenkins** 07966 346 244
- 8. Tim Popplewell** 07966 346 241
- 9. Dean Ackerman** 07813 086 095
- 10. Richard Shelbourne** 07974 973 430
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REGION EAST

Alan Shea 07974 973 525

- 12. Paul King** 07974 973 419
- 13. Andy Dilley** 07974 973 438
- 14. Alan Shea** 07974 973 525
- 15. Dale Nicoll** 07970 452 233