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## In this issue

WELCOME	3
FRONT COVER HILLHEAD PREVIEW FEATURE	5
NEWS	7
SPECIAL FEATURE	10
HILLHEAD PREVIEW	13
QUARRYING NEWS	80
RECYCLING NEWS	81
BULK HANDLING NEWS	85
CLASSIFIED	87



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**Advertising Enquiries:  
+44 (0)114 3830243**

Publisher **John Vincent**

Editorial & Marketing Director  
**John Edwards**  
07525 921714 john@hub-4.com

Media Manager  
**Sophie Morgan**  
sophie.morgan@hub-4.com

Graphic Designer  
**Jon Toft**

Director **Sue Vincent**

Associate Director **Ash Young**

# Welcome to issue 98

In this third issue the team at Hub-4 present you with another bumper edition reporting on the latest news from the Quarrying, Recycling & Bulk Handling Industries, including a preview on the forthcoming Hillhead Exhibition.

## Marketing in the second half of 2026:

If you're looking at marketing in the second half of 2026 our media file with feature list can be found here, either PDF download or page flip version: <https://hub-4.com/pages/advertise-with-us>

Electronic advertising is also available on the website and on the weekly e-newsletter which is distributed to our readers which is on-line here: <https://hub-4.com/pages/newsletter>

Our increasingly popular social media packages are also available across all our X, Facebook & LinkedIn pages all of which can be linked with electronic web and e-newsletter advertising – why not enquire about our extremely competitive packages.

Finally, our fourth edition of 2026 will focus on a preview of the RWM exhibition and a look at Mobile Quarry & Recycling Equipment and in a third feature Asphalt and Concrete; for any of these topics I welcome any editorial contributions.

**John Edwards**

Editor

## July | August



### MOBILE QUARRY, RECYCLING & EARTHMOVING

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### RWM SHOW PREVIEW

**RECYCLING** - Open topics for this issue.

**BULK HANDLING** - Open topics for this issue.

**Editorial copy deadline - 17th July 2026**

**Advert copy deadline - 24th July 2026**



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**Published six times a year.**

# Liebherr Rental supports cost-efficient production at Holcim's Torr Works



**Holcim's Torr Works quarry in Somerset is one of the UK's most productive limestone operations, producing more than five million tonnes of aggregate each year. At the heart of this output is a long-established mobile crushing system that processes material at the face before transferring it via conveyors for secondary and tertiary crushing further up the site.**

While the primary plant, now approaching 40 years in service, continues to deliver up to 2,500 tonnes per hour through an electrically powered, cost-effective process, attention has recently turned to optimising other areas of the operation. Rising costs from suppliers and subcontractors prompted the Torr Works team to reassess how mobile plant is sourced and managed across site.

"We have seen rising costs from both our suppliers and subcontractors over the past few years," explained Works Manager Ash Lockyer. "Whilst we understand the challenges, we still need to be as cost effective as possible in producing each tonne of material. Taking a more localised approach to our equipment has started to reduce operational costs and allows us to look beyond traditional supply arrangements."

A core part of the quarry's day-to-day activity is handled by a fleet of medium-sized wheel loaders, responsible for everything from stockpile management and truck loading to wash plant support and general maintenance duties. Historically, this work had been carried out using machines from a single supplier on fixed-term contracts. However, with three loaders due for replacement in 2025, the team took the opportunity to review the market.

Assistant Mobile Engineering Plant Manager Jody Herridge led the evaluation, establishing clear criteria centred on versatility,

fuel efficiency and supplier support. "We approached all of the main players in the industry," he explained. "One company stood out in terms of communication, willingness to listen and attention to detail—and that was Liebherr Rental."

Working closely with the Torr Works team, Liebherr Rental supplied two L 586 XPower® wheel loaders. Designed to handle a wide range of applications, the machines have been deployed across the site, from loading aggregates and handling rock armour to supporting the recently installed wash plant.

At 34 tonnes, the L 586 XPower® sits at the top of Liebherr's wheel loader range. Its XPower drivetrain combines hydrostatic and mechanical drive systems to deliver both efficiency and performance across varying applications. During low-speed tasks such as digging into stockpiles, the hydrostatic drive ensures smooth, controlled operation, while at higher travel speeds the mechanical drive increases efficiency during load-and-carry cycles.

This intelligent power distribution, combined with Liebherr's Power Efficiency technology, has delivered strong fuel performance in demanding quarry conditions. "Not only did we like the build quality of the loaders, but the fuel consumption also aligned with our goal of lowering production costs," Ash added.

Machines supplied through Liebherr Rental are equipped with a comprehensive specification designed to support both productivity and safety. Features include a 360-degree camera system with active rear personnel detection, which can distinguish between people and objects to enhance site safety. An adaptive lighting system automatically adjusts illumination based on loader arm position, improving visibility in low-light areas.

For operator Nathan Kennedy, who regularly feeds material into the wash plant, the lighting has made a noticeable difference. "It can get very dark in parts of the site, but the lighting on the Liebherr is far better than anything we've used before," he said. "It helps both from a safety perspective and when it comes to maintaining productivity. The cab is comfortable too, and the controls feel more natural for how I operate."

That adaptability extended to the specification itself. At Torr Works' request, Liebherr Rental modified the control system to suit operator preference, retrofitting a two-lever arrangement in place of the standard joystick control. "We were able to tailor the machine to their requirements," explained Liebherr Rental's Gareth Blythin. "That level of flexibility is central to how we support our customers."

Additional features include integrated weighing systems for accurate loading and the ability to maximise payload efficiency, alongside rear protective counterweights that allow



the use of larger buckets. A third machine, an L 576 XPower®, further enhances versatility on site and has been equipped with a quick coupler for handling attachments such as heavy-duty forks.



Operator feedback across the fleet has been consistently positive. Whether undertaking routine loading tasks or stepping into more demanding applications, the machines have delivered the performance and reliability required in a high-output environment.

While moving away from a single-supplier approach marks a shift for Torr Works, it reflects a broader strategy focused on reducing cost per tonne while maintaining operational efficiency. Alongside fleet changes, the site is also exploring the introduction of renewable energy solutions, including a solar installation to power key areas of the operation.

"We are looking to work more collaboratively with companies that are willing to listen, deliver and support our goals," Ash concluded. "Liebherr Rental has demonstrated that approach, and they will play an important role in how we move forward."



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# Screencore introduces new ORBITER 206R trommel



**The Screencore range of Orbiter trommels is available in a variety of sizes, encompassing features making them ideal for handling virgin rock, CDR and landfill waste, landscaping and organic material handling applications. The new Orbiter 206R combines precision and power for a highly focused and productive solution suited to the requirements of larger producers.**

Screencore has since its inception used its extensive expertise to develop and introduce a range of modern mobile crushing, screening, stockpiling and blending solutions. The range has in a relatively short period found that its modern productivity and environmentally friendly attributes are highly suited to aggregate and compost production as well as recycling waste and construction materials on a truly global scale. In addition to the processing of virgin rock and the recycling of construction materials, the Screencore Orbiter trommel range has also proved to be ideal for processing organic materials.

Designed and built for users in the field

As well as the UK and Ireland, the Screencore Orbiter trommel range, as well as other members of the Screencore product range, has rapidly gained recognition globally, particularly in Australasia, Africa, Europe and the United States. The Screencore range of Orbiter trommels consists of three models, ranging from the powerful yet compact 125, to the 237, which is aimed at the requirements of larger producers. The Orbiter 125 is designed for work sites where space is at a premium and is ideal for a contractor who needs to relocate quickly and often. The Orbiter 175 delivers high productivity from a compact chassis and features hydraulic folding conveyors and drum angle adjustment with a large infeed hopper and a Cat 130hp engine.

Building on the success of these Orbiter trommels is the Orbiter 206R. "The 206R is the very latest Screencore trommel, and we are genuinely excited about it. Designed to deliver high levels of mobility, cost effectiveness and, ultimately, profitability for its users. It encompasses all the latest Screencore developed and patented features and will be released in Europe over the coming months," explains Ciarán Ryan. "Its 6m - 20' x 6' - drum is interchangeable with all other similar models, meaning it can seamlessly fit into an existing fleet and enable the utilization of any existing stock of spare drums."

## Production focused features

The Orbiter 206R is designed to produce. As well as its expansive drum, the 31,000kg trommel comes with a 7m3 hopper capacity with a 1200mm heavy belt. It also has massive throat depth and variable feed angle for unencumbered feed. Independent and radio-controlled belt speed controls and a large PLC interface with full-auto functionality have been designed for ease of flexible operation. For enhanced mobility, a powerful Cat engine provides the oomph, whilst the 4000mm tracks come with two speed drive and remote control. The 180o radial fines conveyor has been developed for enhanced stock piling capabilities and comes complete with radio remote and auto-functionality.

"Screencore continuously engages with our dealers and end-users to innovate and refine our products," explains director Ciarán Ryan. "As a result, we have developed a range of Orbiter trommel screens and stockpilers that are specifically designed for the efficient handling and processing of materials. Like all our products, these new additions prioritize ease of transport and user-friendliness, ensuring that they, and the new Orbiter 206R, meet the practical needs of our customers while setting new standards in the industry."

# Longcliffe investment to deliver Innovative Product for Farmers



An aerial view shows the progress of the granulation plant construction.

**In one of the largest investment projects for the company in decades, family-owned Longcliffe Quarries Ltd is on track for completion of a new granulation plant which will add a new product range to its agricultural portfolio and deliver significant benefits for UK farmers.**

The multi-million-pound project will see the company further develop its agricultural product range and support for farmers in their drive to improve soil quality and sustainability across all types of farms.

Through its two Derbyshire quarries, family-owned Longcliffe already offers a well-established range of high purity lime products which deliver benefits for farmers' land. This new plant will enable the company to produce a range of granulated lime products which will offer further benefits including increased efficiency in the use of fertiliser. It will also allow the application of the material to deliver optimisation of pH levels in the soil.

The construction of the new plant at Longcliffe's Brassington Moor Quarry is on course for completion at the end of 2026. The project has included the excavation of 1500 tonnes of material and will involve the installation of 40 tonnes of reinforced steel. The foundations alone have incorporated the pouring of 600 cubic metres of concrete

Longcliffe's Engineering and Continuous Improvements Manager (and project manager for the construction of the new plant) Mark Whittaker says: "We are pleased to say that this milestone project for Longcliffe is well underway and on track for completion on our planned commissioning date.



Longcliffe Group Managing Director Paul Boustead (left) with Engineering and Continuous Improvements Manager (and Project Manager for the plant construction) Mark Whittaker

"We are looking forward to finishing and commissioning the plant and being able to get the product out to the market."

Group Managing Director Paul Boustead adds: "We are excited to see the progress of this major development for our company. It reinforces the importance we place on expanding our product range to meet the ever-evolving needs of our customers.

"Working with the agricultural community to deliver high quality lime products began almost 100 years ago when Longcliffe launched. We are delighted to invest in this market for the future, helping farmers improve productivity and the efficiency of any nitrate-based fertilisers needing to be used."

# Elite Precast Concrete make bay-building easy

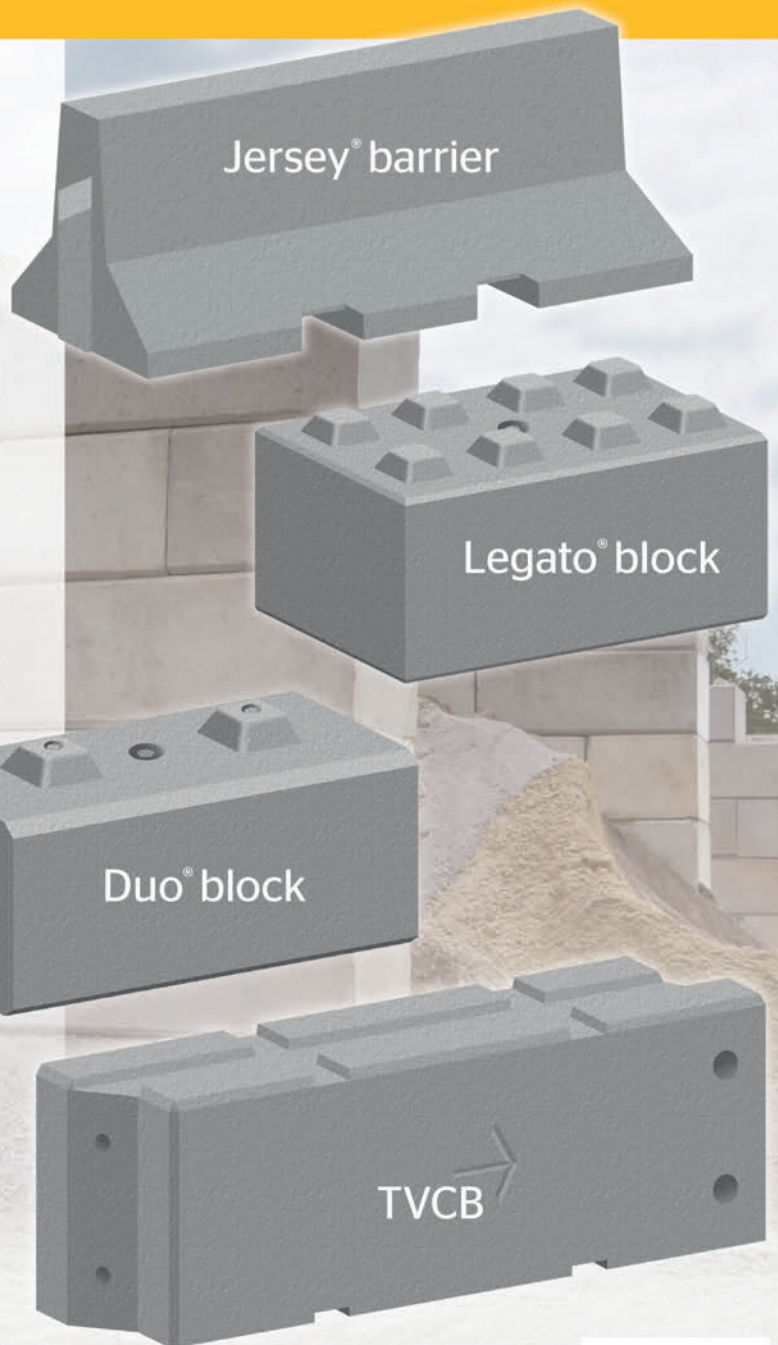
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# Colt 800 Powering Newbourne Farm Composting's Zero Waste

**Newbourne Farm Composting in Rockbourne, Hampshire, has taken a big step forward in its sustainability journey. The addition of an EvoQuip Colt 800 screening plant has transformed its green waste operation, helping the team get even closer to achieving their goal of zero waste.**

Located in the Hampshire countryside, Newbourne Farm Composting has long been known for its community-focused approach to recycling. Under the leadership of Harry Timms, the site has become an essential local hub for turning green waste into a valuable resource for use in domestic, commercial and agricultural applications.

Every week, material arrives from local skip firms, tree surgeons, and the green bins collected from surrounding towns and villages. Once on-site, this waste is carefully processed and screened before being turned into high-quality compost. The finished product goes back into the local economy, used by nearby farmers and available to the public for gardens and landscaping. It's a simple, effective process that keeps organic waste out of landfill and puts nutrients back into the ground.

But as the operation grew, Harry and his team faced an ongoing challenge. The composting process naturally produces a by-product made up of stone and other inert materials, waste that he had no viable outlet for. Disposing of this material added extra cost and complexity to the business, not to mention valuable space being taken up on an already tight site.

Harry knew that if the farm was going to stay true to its zero-waste mission, they needed to find a way to turn this waste product into something with value. "We wanted something compact but powerful," he explains. "The site doesn't have room for big machines, so we needed equipment that could handle a lot of material without getting in the way."

That's when the EvoQuip Colt 800, supplied by Molson Finlay, came into the picture. Compact yet tough, the Colt 800 is



designed to deliver big performance in small spaces, exactly what Newbourne Farm needed.

The connection with Molson came about through Tristan Dorey, Sales Manager at Molson Green. Tristan had been in touch with Newbourne Farm for the past couple of years and already knew Harry from a previous job. When Harry began looking for a new supplier, that existing relationship made all the difference. What really sealed the decision was Molson's reputation for reliable, responsive back-up support, exactly the kind of partnership Harry needed to keep the operation running smoothly.

Despite its Compact footprint, the Colt 800's screening capabilities made an immediate impact. The machine efficiently separates different-sized stone and inert material from the composting stream, creating two clean and usable products. In fact, the Colt 800 is processing up to 280 tonnes of material per hour at Newbourne, turning what was once treated as waste into resources that can now be reused or sold, cutting disposal costs and creating new revenue opportunities.





Harry says the difference was clear almost straight away. "Before, we were left with a pile of material we didn't know what to do with. Now, thanks to the Colt 800, we can screen it, separate it, and generate revenue from it. It's turned something that was a problem into something valuable."

The Colt 800's ease of use has made life much simpler for the team. Its compact design and 9' x 4' double-deck screen delivers fast, consistent processing without taking up extra space. With hydraulic folding conveyors and quick setup, downtime is minimal, so workflows stay smooth. All of this means the farm can manage more material than ever while keeping the same small footprint and maintaining top-quality results.

Harry says the experience with Molson has been just as positive as the machine's performance. "One of the best things about working with Molson is knowing they're always at the end of the phone. Whenever we've needed advice or support, they've been quick to respond and ready to help. That level of accessibility gives us real peace of mind."

That level of aftersales service has given Harry the confidence to continue pushing for improvements and innovation at the farm. "It's reassuring to know that if anything crops up, Molson have our back. It makes a big difference when you're running a busy site and need things sorted quickly."

Now, instead of sending residual materials to landfill, Newbourne Farm can recycle almost everything that comes through its gates. It's a model of how small-scale recycling operations can evolve to meet the growing demand for sustainable waste management and turns waste products into sellable products.

Looking ahead, Harry is optimistic about what's next. "The Colt 800 has opened up so many opportunities," he says. "We're able to do more with less space, reduce waste even further, and keep improving the quality of our compost. It's helping us stay true to what we set out to do, recycle responsibly and make a real difference locally."

For Molson, stories like Newbourne Farm's show how the right equipment can empower small and medium recycling businesses to thrive. The EvoQuip Colt 800, along with other machines in the EvoQuip range, is built with flexibility, reliability, and sustainability in mind, helping operators turn waste into opportunity, no matter the size of their site.

With the Colt 800 now firmly established at the heart of the operation, Newbourne Farm Composting continues to lead by example, proving that innovation, efficiency, and environmental responsibility can go hand in hand.





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## Secure, Efficient, and Compliant Measurement Solutions for Quarrying at Hillhead 2026

**As quarrying operations continue to evolve under increasing regulatory, safety, and efficiency pressures, reliable instrumentation has never been more critical. At Hillhead 2026, VEGA will once again showcase a comprehensive portfolio of level and pressure measurement technologies, designed to support safer, smarter, and more cost-effective operations across the quarrying and aggregates sector.**

Building on a strong presence in 2024, the focus this year expands further into application-driven solutions, digitalisation, and measurable efficiency gains—helping operators not only meet compliance requirements but actively reduce operational costs.



### **ATEX Compliance and Safety-Critical Applications**

With ongoing requirements under ATEX, UKEX, and DSEAR, hazardous area compliance remains a key priority. VEGA offers a full range of certified instrumentation suitable for explosive atmospheres, ensuring safe and reliable operation in demanding environments such as bitumen systems, storage silos, and processing areas.

### **Advanced Radar and Radiometric Measurement**

At the core of many quarry applications is the VEGAPULS 6X radar level sensor, delivering highly accurate, non-contact measurement regardless of dust, build-up, or harsh process conditions. From primary crushers and crash boxes through to screen houses and storage bins, radar level technology ensures continuous visibility and control.

For the most challenging applications, radiometric measurement provides a non-intrusive solution where conventional technologies cannot operate—offering reliable detection in extreme process conditions such as high temperatures, pressure, or aggressive materials.





## Optimising Processes Across the Quarry

VEGA instrumentation is engineered for real-world quarry environments, supporting a wide range of critical applications, including:

- **Crushers & Crash Boxes** – Continuous measurement with VEGAPULS 6X to prevent blockages and optimise throughput
- **Conveyors & Transfer Points** – Improved material flow monitoring and reduced downtime
- **Screen Houses & Toast Racks** – Accurate measurement in high-dust, high-vibration conditions
- **Hot Stone Bins** – Reliable continuous level detection, even under high temperatures and material build-up

These solutions are designed not just for accuracy, but to improve plant uptime and reduce manual intervention.

## VEGAPULS Air and Remote Monitoring

Digitalisation continues to play a growing role in quarry operations. With solutions such as VEGAPULS Air and the VEGA Inventory System (VIS), operators can remotely monitor levels in silos, bins, and tanks—providing real-time visibility from ‘sensor to software to screen’.

Battery-powered and easy to deploy, these systems support better stock management, improved logistics, and fewer site visits—particularly valuable across large or multi-site operations.

## Driving Efficiency and Reducing Costs

A key theme for Hillhead 2026 is application efficiency—helping operators achieve tangible cost savings. Accurate and reliable measurement enables:

- Reduced overfilling and material loss
- Improved process control and plant throughput
- Lower maintenance through non-contact technologies
- Enhanced safety by minimising manual checks

Selecting the right instrumentation for each application can deliver immediate and long-term operational gains.

## Service and Support: System Health Check

To complement its hardware offering, VEGA provides a dedicated **System Health Check** service, designed to maintain measurement accuracy and ensure long-term instrument reliability.

This structured service includes visual inspection of installed devices, function and performance testing, and optimisation of setup and parameters to suit the application. Adjustments are made where required, and recommendations are provided for future improvements or upgrades. Each visit is fully documented, with digital reports and backup files to support compliance and audit readiness.

By identifying potential issues early—such as signal instability or configuration drift—the System Health Check helps reduce the risk of unexpected failure, extend equipment lifespan, and maintain consistent process performance.



## Fast Delivery and Industry-Leading Lead Times

VEGA is recognised for offering some of the fastest delivery times in the market. This is a significant advantage in the quarrying sector, where downtime or urgent replacements can have immediate operational impact. Compared to typical industry lead times, VEGA provides a responsive and reliable supply chain that keeps projects moving.

## Built for Confidence: 3-Year Warranty

All instrumentation is backed by a **3-year warranty as standard in the UK**, providing additional assurance of long-term performance and reliability in demanding environments.



## Parnaby Cyclones delivers High-Performance C&D Washing Solution for Neal Soil Suppliers Ltd, Cardiff



**Parnaby Cyclones has successfully designed and delivered a high-capacity construction and demolition (C&D) washing solution for Neal Soil Suppliers Ltd at their Rumney project site in Cardiff, South Wales.**

The installation features a 170–200 tonnes per hour (TPH) C&D wash barrel plant, engineered to process mixed C&D materials with a maximum feed size of <100mm. The project highlights Parnaby Cyclones' ability to deliver advanced processing solutions within tight timeframes and with minimal consultation time.



Following initial discussions and a site visit to one of Parnaby's high-capacity barrel washing plants operating on a run-of-mine coal project in Merthyr Tydfil, Dauson Environmental Group placed the order in Q3 2022. The new plant was commissioned in August 2023, demonstrating a swift progression from order to operation.

Parnaby Cyclones collaborated closely with a partner equipment provider to complete the full installation, including mechanical and electrical works. From the outset of commissioning, the wash barrel line consistently achieved its design throughput, producing visibly clean, high-quality materials free from organic contamination.

At the heart of the system is the Parnaby 8/36 wash barrel, which processes and separates inert materials into three primary fractions: >60mm, <60mm x 4mm, and <4mm fines. The <60mm coarse fraction is further treated in an existing

twin-shaft coarse material washer to ensure effective removal of clay contamination, maximising product quality.

The resulting product range includes:

- <2mm sand
- <4mm sand
- 4mm x 10mm pea gravel
- 10mm x 20mm gravel
- 20mm x 40mm gravel
- >40mm x 60mm washed aggregates

Final grading is achieved using Neal Soil Suppliers' existing sand cyclones and screening plant, fully integrating the new system with their established processing infrastructure.

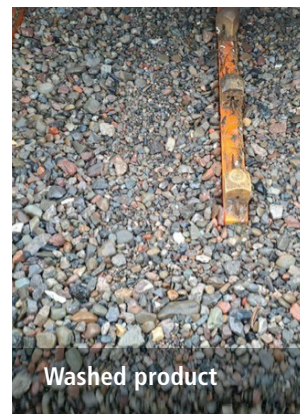
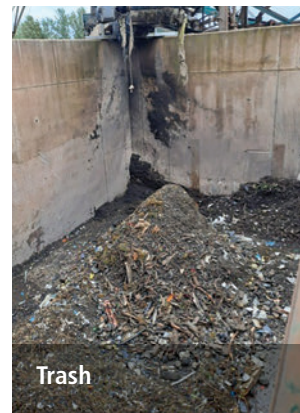
The impact of the new installation has been immediate and significant. Neal Soil Suppliers reported excellent product cleanliness and confirmed that the plant is exceeding its original throughput design targets.

Commenting on the installation, Liam Neal noted an additional operational benefit:

"The improved cleanliness of both aggregates and sand from the Parnaby barrel wash has enabled higher throughput across our existing log washer and sand cyclone circuits."

This project not only demonstrates the performance and reliability of Parnaby Cyclones' wash barrel technology but also highlights its ability to enhance downstream processing efficiency.

Parnaby Cyclones would like to thank Neal Soil Suppliers Ltd for their confidence and collaboration on this successful project.



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INFORMATION



June  
23-25, 2026



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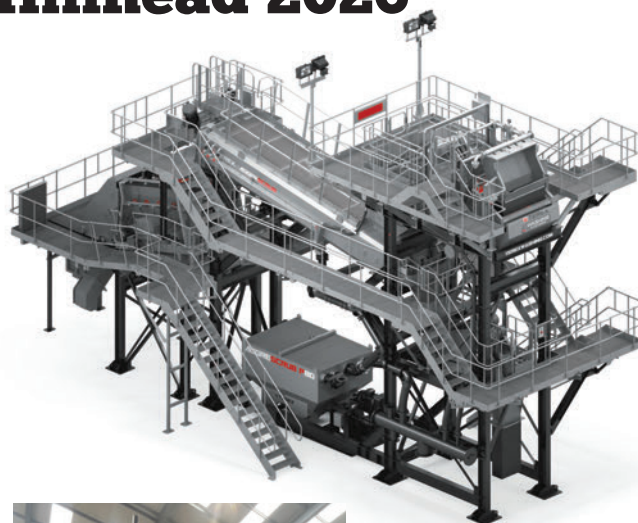
# Terex Washing Systems to introduce New AggreScrub™ P80 at Hillhead 2026

**Terex® Washing Systems will present the new AggreScrub P80 Logwasher with PreScreen at Hillhead 2026, taking place from 23-25 June 2026 in Buxton, England, where the new wet processing solution is being shown publicly for the first time on Stand L6.**

The AggreScrub™ P80 is a high-performance wet processing solution engineered for construction and demolition waste, excavation material and aggregate applications. Mounted on a single modular chassis, the plant combines pre-screening, logwasher scrubbing, post-screening, contaminant removal and slurry management within one integrated system, delivering efficient material separation while maximising throughput and uptime.



Stand L6



Following the scrubbing stage, material is processed by a 2.4 m x 1.2 m triple deck inclined aggregate screen, producing up to three clean, washed products. Integrated spray bars deliver an effective secondary rinse to remove residual contamination prior to final sizing.

Lightweight contaminants, including plastics and organics, are removed via a dedicated 1.8 m x 0.6 m trash screen, improving final product cleanliness and protecting downstream equipment. An integrated sump tank and pump maintains consistent slurry levels to ensure stable washing conditions.

Commenting on the launch, Paul Carolan, recently appointed Business Line Director for Terex Washing Systems, said, "Introducing the AggreScrub™ P80 at Hillhead reflects the increasing demand for compact, high-throughput wet processing solutions capable of handling heavily contaminated material. By combining pre-screening, intensive scrubbing and accurate post-scrub sizing on a single chassis, the P80 provides a practical way for operators to simplify plant layouts while achieving more consistent, higher quality end products."

Designed to remove clays, silts, organics and lightweight contaminants, the AggreScrub™ P80 enables operators to reduce operating costs, streamline plant design and improve final product quality. Its modular, compact layout also supports faster transport, installation and commissioning, making it well-suited as a core module within modern wet processing plants.

At the heart of the AggreScrub™ P80 is the PowerScrub™ twin-shaft logwasher, featuring spiral-arranged blades that deliver intensive stone-on-stone attrition and continuous material movement. An adjustable operating angle allows retention time to be optimised for varying feed conditions, while independent high-torque drives enable reliable start-up under load, helping to minimise blockages and downtime.

The AggreScrub™ P80 has also been designed with safety, durability and ease of maintenance in mind. Fully galvanised 800 mm wide walkways with GRP flooring provide safe, non-slip access throughout the plant, while robust wear protection and maintenance-friendly access points support reliable operation in demanding environments.

In addition to the AggreScrub™ P80, Terex Washing Systems will also display the FM60C from its FM Compact sand recovery range, which has been designed to deliver cost- and energy-efficient sand recovery by using centrifugal force within hydrocyclones to remove clay, silt and slime below 75 microns. The FM60C combines a collection tank, centrifugal slurry pump, hydrocyclones and a high-frequency dewatering screen on a single compact chassis, capable of recovering one or two grades of sand with low residual moisture content in the final product.

"The first public showing of the AggreScrub™ P80 at Hillhead, alongside the FM60C sand recovery unit, reflects key elements of our wet processing capability," added Paul Carolan. "We look forward to welcoming visitors to our stand to discuss applications, plant configuration and how these solutions can be integrated into wet processing operations."

For more information, please visit: [www.terex.com/washing](http://www.terex.com/washing)

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# AGGRES<sup>CRUB</sup>™ P80

## The core of your wet processing plant

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# Duo Group returns to Hillhead 2026 with a Powerhouse Line-up on Stand J1

**Hillhead 2026 is shaping up to be one of the most exciting editions of the show in recent years, and the team at Duo Group cannot wait to be back on the hill. From 23 to 25 June, you'll find us at Stand J1 with a working line-up of machinery, expert advice, and plenty of conversation about what's next for the UK and Ireland aggregates, recycling, and washing sectors.**

It has been a remarkable time for Duo. As the official UK dealer for Metso, Telesack, and Terex Washing Systems, and the official UK and Ireland dealer for Keestrack through our newly appointed partnership, our portfolio now spans the full crushing, screening, washing, and stockpiling journey. Whether you're working in quarrying, recycling, construction demolition, or industrial minerals, Duo is in a strong position to support your operation from a single point of contact, with parts, service, and aftercare all backed by our growing UK team.

On the stand this year, visitors will get a close look at the latest Metso crushers and screens, including proven machines that continue to set the benchmark for productivity and uptime in demanding applications. Sitting alongside the Metso line-up will be the Keestrack R5, a mobile impact crusher that demonstrates exactly why we're so excited about the Keestrack partnership. With electric drivelines, low fuel consumption, and a clear road map towards fully diesel-free operation, Keestrack represents where the industry is heading, and we're proud to bring this

technology to UK and Ireland customers.

We'll also be on hand to talk through what's available across the Telesack mobile stockpiling and conveying range, and the world-class wet processing solutions from Terex Washing Systems, both of which continue to deliver outstanding results on sites across the country.

But more than the machines, Hillhead is about people. "Hillhead is the one show where the whole industry comes together in one place, and that's exactly why it matters so much to us," says Saumil Kaushik, Marketing Manager at Duo Group. "This year we're bringing a line-up that really reflects how far Duo has come, and we've also got plenty of surprises in store for our customers across the three days, so it's well worth a visit to the stand. The most valuable thing on show will be our team. Come and tell us what you're trying to achieve, whether that's lowering running costs, going electric, or planning a new plant, and let's work out together how Duo can help."

Scan the QR code below to book a meeting with the team in advance or simply drop by Stand J1. We look forward to seeing you there.

Reserve Your Hillhead Time Slot - Duo Group



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# EDGE Innovate set to showcase SCREENPRO S16 & TS80 at Hillhead 2026

**EDGE Innovate is preparing for a major presence at Hillhead 2026, where the company will showcase the SCREENPRO S16 heavy duty track scalper for the first time in the UK alongside its globally recognised TS80 track stacker. Taking place at Hillhead Quarry in Buxton from 23rd - 25th June, the exhibition remains one of the world's leading events for quarrying, construction and recycling equipment, attracting thousands of visitors and live equipment demonstrations from across the industry.**

Located on stand C20, EDGE Innovate will present a combination of advanced screening and material handling solutions designed to maximise productivity, reduce operational costs and improve site efficiency. With a strong reputation for innovation across the recycling, quarrying and bulk material handling sectors, EDGE Innovate continues to expand its product offering to meet the evolving demands of modern operators.

Taking centre stage at Hillhead 2026 will be the SCREENPRO S16, following its successful international launch and strong reception at CONEXPO in Las Vegas earlier this year. The SCREENPRO S16 has been engineered to provide operators with a compact yet highly productive screening solution capable of handling a broad range of applications including aggregates, sand and gravel, topsoil, compost, construction and demolition waste, and recyclable materials.

Designed for versatility, the SCREENPRO S16 incorporates a highly efficient 16' x 5' (4.8m x 1.5m) two-deck screen with multiple screen media options available to suit varying applications and final product requirements. The machine can operate as a stand-alone unit or integrate seamlessly into existing crushing and screening trains. Key design features include a large low-level feed hopper, intelligent load management, two or three-way split configuration, hydraulic folding conveyors and a fully integrated power unit with excellent service access. A user-friendly control system with sequential start/stop functionality ensures safe and efficient operation while minimising downtime.

Additional features such as hydraulic screenbox lift-up functionality for rapid mesh changes and remote-control operation further enhance operator convenience, serviceability and machine safety. Powered by Caterpillar Tier 4 Final / Stage



V engine technology, the SCREENPRO S16 is also available in dual power and electric hybrid configurations, supporting EDGE Innovate's continued focus on sustainable equipment solutions.

Alongside the SCREENPRO S16, EDGE Innovate will also display the TS80 track stacker, a machine that has become synonymous with the EDGE Innovate brand across global markets. Designed to improve logistics processes on work sites, the TS80 allows direct material transfer from crushing or screening plants to dedicated stockpiles, significantly reducing the need for additional wheel loader movements. This not only lowers operating costs but also increases operational efficiency, productivity and site reliability.

The TS80 offers a discharge height of 10.8m, an operating angle of 0–27°, and the ability to create stockpiles of up to 742m<sup>3</sup> (970yd<sup>3</sup>). Powered by a CAT 2.2 50kW (67Hp) engine with Tier 4 Final / Stage V and LRC variants available, the TS80 is also offered in dual power configuration, giving operators maximum flexibility across varying site requirements.

Tom Connolly, EDGE Innovate Sales Director, commented, "Hillhead provides the perfect platform for EDGE Innovate to showcase both the SCREENPRO S16 and the TS80 to a highly experienced audience. The SCREENPRO S16 represents the next step in the expansion of our screening range, while the TS80 continues to demonstrate why EDGE Innovate is recognised globally for high-performance material handling solutions. We look forward to welcoming visitors to the EDGE stand and demonstrating the quality, versatility and innovation behind both products."





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**SBM at Hillhead 2026:**

## Mobile Power for Processing, Recycling and Concrete

**SBM Mineral Processing is using the UK's most important construction machinery trade fair to showcase its mobile expertise in mineral processing and concrete production, with a clear international focus. At the centre of the presentation are high performance hybrid electrified crushing plants of the REMAX and JAWMAX® series, as well as mobile and semi-mobile concrete mixing plants of the EUROMIX® and DYNAMIX® lines. With this, SBM is sending a strong signal at Hillhead for the sustainable expansion of its activities in the United Kingdom and Ireland.**

Together with its distribution partners Banner Equipment and Orba Group, SBM is presenting its current range of mobile crushing plants for hard rock and recycling. REMAX impact crushers and JAWMAX jaw crushers represent a consistently further developed hybrid electrified drive concept with plug in option. Low engine speeds of the EU Stage V diesel engines, perfectly matched generators, and electric main drives for crushers, conveyors, and pumps reduce fuel consumption, emissions, and wear. At the same time, operators benefit from high reliability, simplified maintenance, and maximum flexibility. If required, the plants can also be operated fully electrically via grid connection or external generator. Large crusher inlets, practical transport dimensions, and short set up times remain typical SBM features.

### **REMAX 600: Productivity with Additional Recycling Potential**

The REMAX 600 is in the spotlight. This large impact crusher processes feed sizes up to 1,000 mm, achieves outputs of up to 600 t/h, and produces up to five final grain sizes with 1, 2 or 3 deck add-on screens. This gives the plant a wide application spectrum, from hard rock processing to demanding recycling tasks.



The EUROMIX 1600 NOVA (80 m<sup>3</sup>/h) has also been optimised for operating comfort and maintenance accessibility.

A double magnetic separator and separate wind sifter units on all screen decks further expand its application potential. Especially in recycling, they open up new opportunities wherever clean end products and high added value are required.

### **JAWMAX 450: Compact Powerhouse**

With the JAWMAX 450, SBM is showcasing one of its most successful mobile jaw crushers. An active 2 deck pre-screen, a large reversible 1,100 × 700 mm crusher, and output rates of up to 450 t/h make it a powerful solution for the recycling sector. In operation, the JAWMAX 450 impresses with high mobility, stable production rates, and effective protection against overload and blockages. Fuel consumption is low, often clearly below 20 l/h in real world use.

Standard equipment includes SBM's CRUSH CONTROL plant management system with remote control and an app based remote monitoring system for all key functions and operating states.

New auxiliary equipment makes the REMAX 600 large 600 t/h impact crusher extremely efficient in recycling applications.





Despite its high hardened concrete output of 145 m<sup>3</sup>/h, the mobile EUROMIX 3300 SPACE concrete mixing plant impresses with a space saving and flexible layout.



High mobility for fast relocations between and on construction sites is a defining feature of the JAWMAX 450 jaw crusher.



Bridging mobile and stationary concrete production, the SBM DYNAMIX 2500 also meets high demands regarding plant design. (Photos: SBM)



As easily relocatable individual units or skid mounted systems, SBM's V series vertical impact crushers are continuously establishing new application fields.

## Vertical Shaft Impact Crushers for Added Value

The range is complemented by the semi mobile vertical shaft impact crushers of the V series. Originally developed for the stationary tertiary stage, they are increasingly finding applications in mobile settings today. Their strengths lie in refining surplus fractions, improving grain shape, and in specialised recycling processes. With hourly outputs from 30 to 160 tonnes, they offer attractive options for operators focusing on grain shape and added value.

### Ready for Concrete

For the first time, SBM is using Hillhead to visibly expand its concrete expertise in the UK and Ireland. With the mobile EUROMIX and semi-mobile DYNAMIX plants, the company is presenting solutions for daily concrete outputs ranging from 800 to over 2,000 m<sup>3</sup>. In parallel, SBM is planning the gradual expansion of its own sales and service capacities in the region.

### EUROMIX: Mobile Concrete Production Without Detours

For more than 25 years, EUROMIX plants have proven themselves in infrastructure projects, building construction, and in expanding the capacity of stationary plants. Requiring no foundations, they are ready for operation in less than two days. Precise dosing technology and BHS twin shaft mixers ensure consistently high concrete quality, from standard mixes to demanding specialty concretes.

The series ranges from 80 to 175 m<sup>3</sup>/h hardened concrete output. Characteristic features include fully integrated mixer modules with complete dosing and mixing technology, plant electrics, compressors, and SBM high pressure cleaning. In addition, maximum flexibility in arranging aggregate hoppers, silos, admixture containers, and control units enables economical solutions even in tight spaces.

Like the efficiently insulated mixer modules offered as standard, all other components can also be made suitable for winter operation. All common modern process control systems can be integrated via interfaces. High operating comfort is further enhanced by optimised accessibility of all components, as implemented in the 145 m<sup>3</sup>/h EUROMIX 3300 SPACE model and the EUROMIX 1600 NOVA (80 m<sup>3</sup>/h) introduced just last year.

### DYNAMIX: Semi Mobile with Stationary Qualities

With the DYNAMIX 2500, SBM combines mobile flexibility with the performance of stationary mixing technology. The mixing tower, delivering 115 m<sup>3</sup>/h of hardened concrete, is built from fully cabled and piped modules and can be quickly set up on solid ground. The low loader compatible, crane ready platforms with complete dosing technology and BHS twin shaft mixer offer ample space for service and maintenance and are easily accessible.

The plant is available in various configurations for rapid site changes, hot climates, or winter operation. Optional full cladding, heating systems, and insulated components simplify use in difficult weather conditions and reduce dust and noise emissions. This makes DYNAMIX particularly attractive for sensitive locations and for modernising existing production facilities.

### Clear Message for the UK

With its appearance at Hillhead 2026, SBM demonstrates how consistently mobile processing and mobile concrete production continue to evolve technologically. Efficient drive concepts, high productivity, short set up times, and strong practical orientation characterise the entire portfolio. Powerful technology, economically designed and consistently focused on everyday use.

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## New Tyrone International wash plant for Leicester's urban quarry

**AR Aggregates, operating from a successful urban quarry in the heart of Leicester, has embraced innovation in the recycling and processing of construction materials. With the recent installation of a state-of-the-art Tyrone International wash plant, capable of processing 100 tonnes per hour (tph) of recycled aggregates, the company is poised to meet increasing demands for high-quality recycled materials while actively promoting sustainability within the construction and civil sectors.**



### The Need for Increased Recycling

The urban quarry serves as a vital supplier of both virgin and recycled materials, facilitating a responsible approach to resource management. The site encompasses its own rail head, which simplifies the import of virgin aggregates from local quarries. However, AR Aggregates recognised a pressing need for increased recycling, particularly in the construction sector, where a significant volume of materials containing sand and gravel continues to be sent to landfills.

To address these challenges, AR Aggregates has positioned itself as a champion of sustainability and the circular economy. The company aims to lower its carbon footprint by reducing the road miles that aggregates must travel, thus minimizing both transportation costs and environmental impact. With existing operations focusing on crushing and screening dry recycled materials, they acknowledged limitations posed by weather conditions and the variability of available feed material. This drove the decision to invest in a wash plant, allowing them to produce consistent, high-quality materials year-round, irrespective of external conditions.

### The Tyrone International Wash Plant

The Tyrone International wash plant is a modular design, allowing for quick erection on-site and providing unparalleled access to all components for ease of maintenance. This design not only enhances operational efficiency but also supports AR Aggregates' objective to add value to their products while expanding their offerings. The plant is particularly equipped to process difficult feed materials from various sources, thereby increasing the range of products available to customers.





The facility outputs five distinct washed products: fine sand, coarse sand, and aggregates sized at 10mm, 20mm, and 40mm. This diverse product line caters to various construction needs and enhances AR Aggregates' marketability. To ensure the purity and quality of the aggregates, the wash plant is fitted with a heavy-duty electromagnet that effectively removes ferrous metals from the feed material before washing, consequently enhancing the quality of the final products.

Notably, the wash plant features spray bars that raise easily on the pre-screen, simplifying access to the screen deck for maintenance and ensuring optimal performance of the spray nozzles. The main pump tank, which collects sand, silt, and fine trash, is fitted with a self-cleaning system designed to remove polystyrene and fine trash particles before the sand plant, ensuring cleaner fine and coarse sand products.

### Advanced Water Treatment System

Integral to the wash plant's operation is its expertly designed water treatment system, engineered to handle high silt content in the feed material. This system begins with dirty water being processed through a high-frequency dewatering screen to eliminate small trash materials before it reaches the thickener.

Several innovations contribute to the efficiency of this water treatment system. The dynamic thickener is a standout feature of the system, capable of raising and lowering the rake to produce a high-density, consistent sludge that is optimal for filter press operations. It is equipped with an analyser to measure the settlement rate of silt particles, automatically adjusting the use of flocculent to maintain performance. Additionally, it continuously monitors the overflow water to ensure cleanliness, enhancing the overall efficiency of the water treatment process.

In addition, the thickener employs a surface scraper that efficiently removes any remaining fine trash material, thus maintaining the cleanliness of the water treatment plant. The clarified water then flows into a large steel holding tank fitted with an agitation system that prevents sedimentation buildup. This mechanism ensures that the clarified water can be reused effectively in the wash plant, further aligning with AR Aggregates' sustainability goals.

### Automated Filter Press Operations

The thickened sludge is transferred to a large steel buffer tank fitted with two stirrers to ensure uniformity in consistency. From here, the sludge is pumped at high pressure to a cutting-edge filter press equipped with 100 2m x 2m filter plates. This system is designed for fully automated operation, featuring a robotic mechanism that can quickly open filter plates in batches of ten, shake them to release the filter cake whilst also washing each plate for optimal filtration and extended wear life of the filter cloths.

The automation of the filter press not only enhances throughput but also significantly reduces operational downtime, as there are fewer moving components prone to wear. This advanced setup allows AR Aggregates to maintain a high standard of performance in producing dry filter cakes, which can then be repurposed effectively.

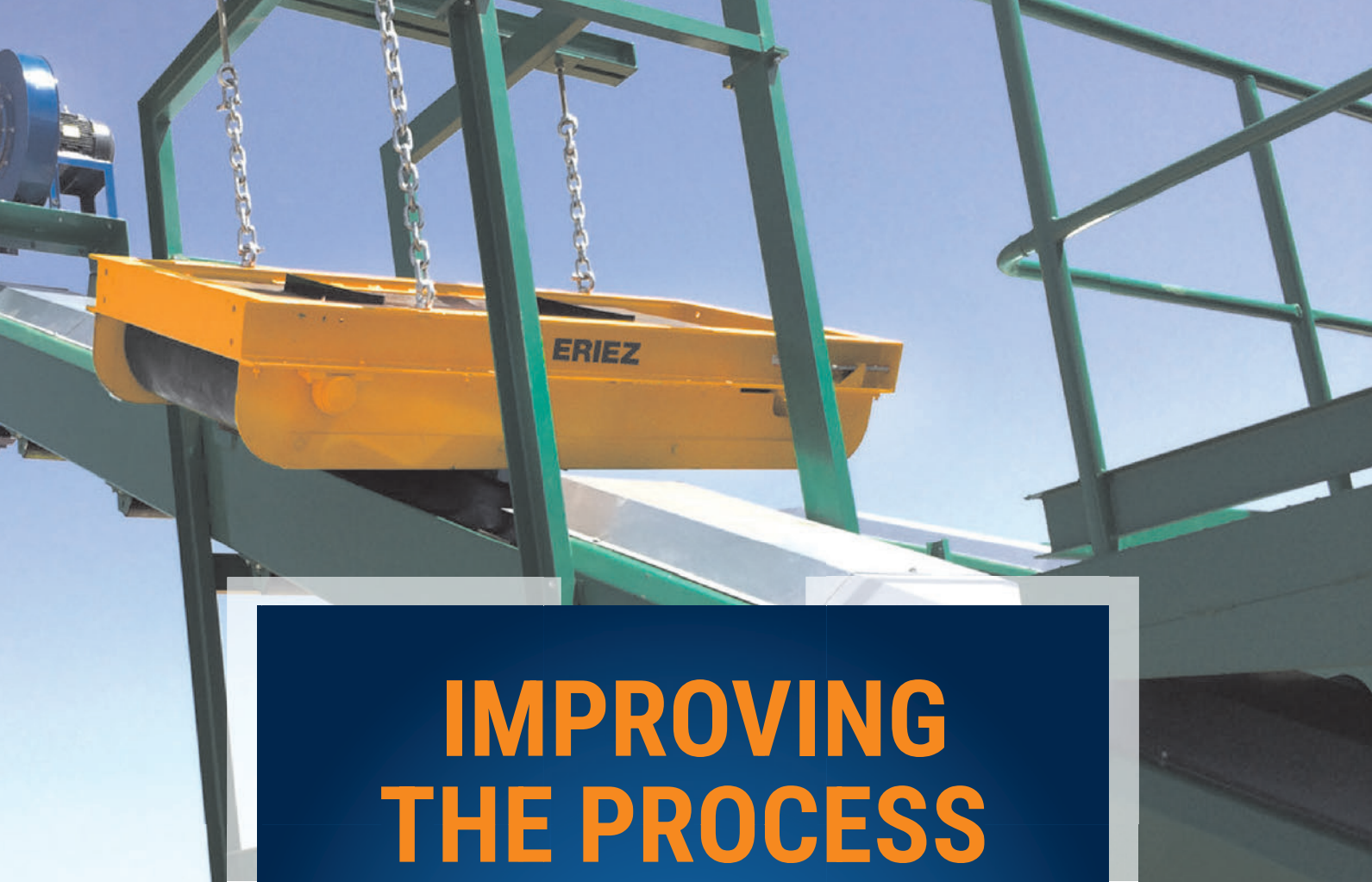
### Environmental Benefits of Recycled Aggregates

Using washed recycled aggregates offers a multitude of environmental benefits that directly align with AR Aggregates' objectives. First and foremost, the transition to recycled materials leads to reduced vehicle movements, which in turn diminishes CO2 emissions associated with transportation. Additionally, by reusing aggregates rather than excavating virgin materials, natural resources are preserved along with natural habitats and ecosystems.



### Conclusion

AR Aggregates' investment in the Tyrone International wash plant and the accompanying water treatment system exemplifies a commitment to innovation, efficiency, and sustainability within the recycled aggregates industry. By integrating advanced technologies throughout their processes, AR Aggregates not only enhances product quality but also pioneers environmentally responsible methods in construction material production. As the demand for recycled materials continues to grow, such advancements position AR Aggregates as a leader in the field, driving the future of sustainable construction.



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# Steel Mill Slag Recovery Operation Gains Efficiency with Eriez Vibratory Feeder

**Headquartered in Dearborn, Michigan, Edw. C. Levy Co. is a global provider of steel mill services, asphalt paving, and aggregate mining solutions. One of the company's key operational areas includes slag processing—recovering high-iron content material from steel mill slag. These valuable materials are then used again in the steel-making process, as well as in concrete, glass, and other industries.**

At its Dearborn, Michigan facility, Levy was facing a persistent operational challenge. The slag—an abrasive, sticky material with particles ranging from 1/8 inch to 5 inches in size with a moisture content between 3% and 10%—was not feeding consistently from the hopper onto the belt conveyor.

This erratic feed pattern disrupted downstream magnetic separation, reducing the efficiency of its slag recovery operations. Compounding the issue, inconsistent flow led to material surges that damaged the conveyor belt. Frequent belt replacements were both costly and time-consuming.



## Precision Feeding for Reliable Performance

To resolve these issues, Eriez provided a proven vibratory solution. Eriez recommended its 75B-HC Heavy-Duty Electromagnetic Feeder, a model specifically designed for rugged, high-capacity applications, including slag handling, aggregate processing, and mining. The throughput of the 75B-HC was more than capable of handling Levy's material flow demands of 150 tons per hour.

Once installed, the Eriez 75B-HC feeder immediately stabilized the feed rate from the hopper to the conveyor. The industry-leading electromagnetic feeder provides the superior feed rate adjustability required, which is critical for optimal downstream magnetic separation performance.

"After implementing the Eriez feeder, we saw a dramatic improvement in our process stability and the overall efficiency of our slag processing," said John Schwarz, Engineering Manager at Edw. C. Levy Co. "It's been running without issue for over 18 months. It has helped us avoid costly downtime and reduce wear on our equipment. The feeder paid for itself quickly."

## Built for the Toughest Material Handling Jobs

As a rugged, high-capacity electromagnetic model, the 75B-HC feeder includes encapsulated coils for extended coil life, an IP65 rating for dust and moisture protection, and a durable tray suited for abrasive materials like slag. Its ability to



Eriez recommended its 75B-HC Heavy-Duty Electromagnetic Feeder for the Levy plant.



Engineered to handle sticky, high-moisture slag, the Eriez feeder maintains consistent feed performance under all conditions.

maintain consistent tray deflection under varying loads allows for uninterrupted operation, even under the most challenging conditions.

Additionally, Eriez incorporated a vibration sensor on the tray to help Levy monitor performance and proactively address material buildup, a common issue in handling moist and sticky slag. This not only extends equipment life but also minimizes maintenance-related downtime.

"Sticky, high-moisture slag presents real challenges for uniform feeding," explained Clay O'Dana, Global Product Manager—Vibratory at Eriez. "That's where our 75B-HC excels. It delivers precise control over feed rate and handles difficult materials without compromising consistency."

## Driving Measurable Results: Reduced Costs, Greater Recovery

Since its installation, the 75B-HC feeder has operated continuously with zero downtime. Its ability to deliver consistent, uniform feed from Levy's largest hopper under all conditions has saved thousands of dollars on belt replacements. More importantly, the feeder has helped optimize the downstream magnetic separation process. This enabled the company to recover and resell a greater volume of high-iron material, contributing to more substantial financial returns and environmental sustainability.

"By eliminating belt damage and improving material presentation to the magnetic separators, the 75B-HC has delivered value well beyond what was initially expected," added Tom Saccamozzone, Project Manager—Heavy Industries at Eriez. "It's a great example of how thoughtfully engineered equipment can drive meaningful performance improvements in tough applications."

## A Trusted Partnership for Smarter, Stronger Slag Processing

For Levy, installing the 75B-HC electromagnetic feeder was more than just a fix for a persistent material handling issue; it is a strategic, long-term investment in operational excellence. This solution has delivered measurable gains in throughput, equipment longevity, and safety, while providing more value from steel mill slag through improved metal recovery.

The project has also reinforced Levy's confidence in Eriez as a trusted partner with deep expertise in vibratory and magnetic separation technologies. As Levy continues to pursue process improvements across its slag processing operations, Eriez and Levy continue to work together for innovative, durable solutions engineered for the toughest material challenges.

## HILLHEAD 2026

June 23 - 25, 2026

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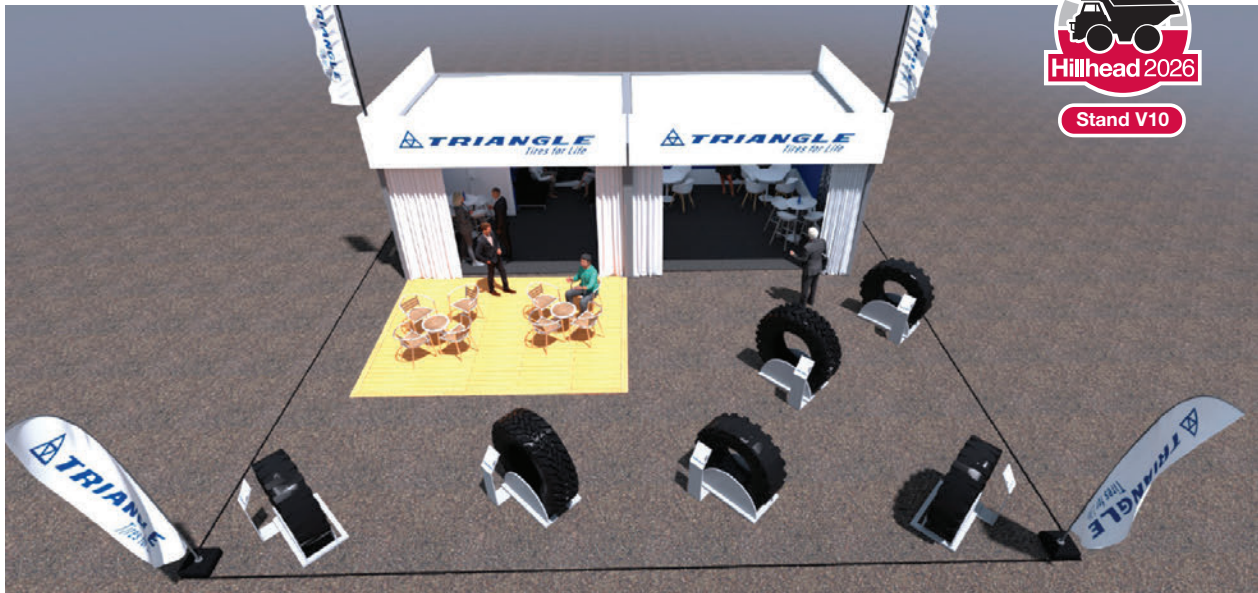


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# Triangle Tyre and Vaculug at Hillhead 2026



**Triangle Tyre will return to Hillhead 2026 alongside Vaculug, its official UK distributor for the brand's Off-The-Road (OTR) range, reinforcing a distribution model designed to improve product availability and customer support across the UK quarry and construction sectors.**

The exhibition takes place from 23rd to 25th June 2026 at Hillhead Quarry in Buxton, Derbyshire, and is widely regarded as the UK's leading live demonstration event for quarrying, recycling and heavy construction, attracting close to 20,000 visitors and around 600 exhibitors.

Triangle Tyre and Vaculug will exhibit at Stand V10, showcasing a focused selection of Triangle's OTR portfolio for quarry and earthmoving fleets.

The Triangle - Vaculug partnership is aimed at strengthening Triangle's UK market footprint with a service-led distribution approach, supporting customers where tire performance is measured not only in tread life, but in uptime, productivity and cost-per-hour.

Triangle Tyre is among the largest global producers of OTR radial tires, with a portfolio developed for quarry, mining, industrial and heavy construction applications.

Vaculug, established in 1950 and widely recognised as Europe's largest independent retreader, brings strong UK market reach and a long-standing reputation in tire lifecycle management. The collaboration is positioned to offer quarry operators a stronger combination of supply continuity, technical support and practical fleet service capability, aligned with increasing market focus on total cost of ownership (TCO) and sustainability-driven purchasing decisions.

In addition to supporting end users, the Triangle - Vaculug cooperation is also designed to strengthen Triangle's position in the UK trade channel through a structured dealer supply program.

By combining local stockholding, improved trade availability and responsive logistics, the partnership aims to provide UK OTR tire dealers and specialist distributors with reliable access to Triangle's portfolio, including key quarry and earthmoving fitments and fast-moving sizes, backed by technical product support and consistent nationwide supply.

The Hillhead display will feature key Triangle tire solutions for the equipment categories most common in UK quarrying and construction operations, including:

- Rigid and articulated dump truck fitments, engineered for traction, durability and rock abrasion resistance
- Loader and dozer patterns, designed to support high loads, stability and long service life
- Severe service quarry designs, developed for extreme front-of-quarry environments where cut resistance is critical
- Industrial and mobile equipment fitments, supporting mixed on/off-road operation with consistent wear performance

The selection reflects Triangle's focus on delivering robust OTR tyres engineered to perform in harsh working conditions while helping end users improve operational efficiency and reduce unplanned downtime.

Luca Mai, OTR Director for Europe at Triangle Tyre, commented:

"Hillhead is the most important quarry and construction exhibition in the UK, and we are pleased to attend together with our exclusive importer, Vaculug. The partnership allows us to combine a strong global OTR product range with local distribution capability and service support. We look forward to welcoming customers and trade partners to our stand and demonstrating how Triangle can support the UK market with performance, reliability and availability."

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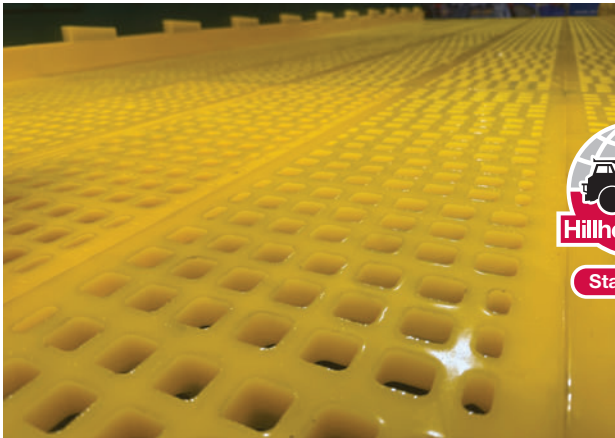
Visit stand X7 at:





## TEMA Isenmann to showcase a wide range of Screening Media at Hillhead 2026

**TEMA Isenmann will return to Hillhead 2026 with a comprehensive range of screening media solutions designed for the mineral processing sectors. Visitors to the stand will have the opportunity to explore a wide variety of screening media solutions, including polyurethane, rubber and wire solutions engineered to maximise efficiency, durability and performance in demanding applications...**



as well. Designed for tough quarrying environments, Isecord panels are engineered to delivery high strength, durability and reliable performance to screen larger materials at high separation sizes effectively. Engineered with a thick wear surface and reinforced structure, Isecord panels are typically configured with raised skid bars to improve material flow while protecting the panel from impact and abrasion.



The exhibition provides TEMA Isenmann the ideal platform to showcase the company's latest developments and discuss challenges and solutions with customers and partners.

A new feature on the TEMA Isenmann stand at Hillhead 2026 will be its Wear Management Service display, designed to demonstrate the value of regular inspection checks performed by TEMA Isenmann's response team who are trained to optimise plant productivity while reducing unplanned maintenance repairs. Visitors will have the opportunity to speak directly with technical specialists about screening challenges, and how a tailored Wear Management Service can improve operational efficiency.

Also on display will be TEMA Isenmann's WS85 Modular System which is widely recognised as the proven industry standard, the most versatile and cost-effective modular system. It achieves excellent results in many applications including; Sand and Gravel, Granite, Silica Sand, Limestone, Coal and Ironworks Materials. Visitors to the stand will be able to find out more about how WS85 can support productivity across a wide range of aggregate and quarrying operations.

TEMA Isenmann will also be presenting their WS2.10 Magnetic Wear Liners and Screen Media. These products are exclusive to TEMA Isenmann and patented by them as well. The high-quality polyurethane products can be applied to any steel surface. WS2.10 is quick-install, no-bolt, no-glue, no-weld systems, and are custom made for each application. The WS2.10 Magnetic Wear Liners can be applied to combat premature wear in static or vibratory steel surfaces. They are available for use as cross-member protection, tube covers, discharge and feed lips, chute liners, and more.

Isecord and Primary/Scalping Screen Media will be a prominent display feature during the Hillhead 2026 exhibition



TEMA Isenmann will reintroduce their Polyurethane Conveyor Skirts which debuted at the 2024 exhibition. The recent successes in real-life applications of the PU Skirts ensures that they are a must see for any visitor. Manufactured from high-abrasion polyurethane compounds, the skirting has proven time and time again to outperform and outlive the traditional rubber alternative.

Designed for versatility across a multitude of screening applications, traditional Side/End Tensioned Systems in polyurethane known as Isepren Tensioned Screens will again be showcased during Hillhead 2026. TEMA Isenmann's Isepren Tensioned Screens are steel cable-reinforced and custom-made to fit any sized screen deck. They are fitted to all vibrating screens in the same as woven wire and perforated steel plate and are for all aggregate separation sizes from primary scalping to sand and fine products. Isepren polyurethane screens offer increased screening efficiency under both wet and dry conditions.

TEMA Isenmann's will be represented at Hillhead 2026 by its dedicated and knowledgeable management, sales and technical teams. Please visit them at Stand F-10 to see more.

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- Simulation of real-world operating conditions
- Fully automated, single-operator testing
- Advanced data acquisition and performance reporting

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# CDE reveals fast-deploy high capacity washing system that can be “commissioning ready” in just two days

**ModaLine™ is a transportable, containerised system for maximum operational efficiency**



**In a revolutionary move, CDE, a global leader in the wet processing of recycled and natural materials, has revealed its latest innovation, the ModaLine™, the first in a new series of containerised sand washing solutions designed for plug-and-play operation unlike ever before.**

The ModaLine can help materials processors get their operations up and running faster thanks to its unique and transportable design that reduces on-site build time by upwards of 60 per cent compared to similar scale washing solutions.

“We’re taking plug-and-play to the next level,” CDE’s chief engineer, Kevin Vallely, said.

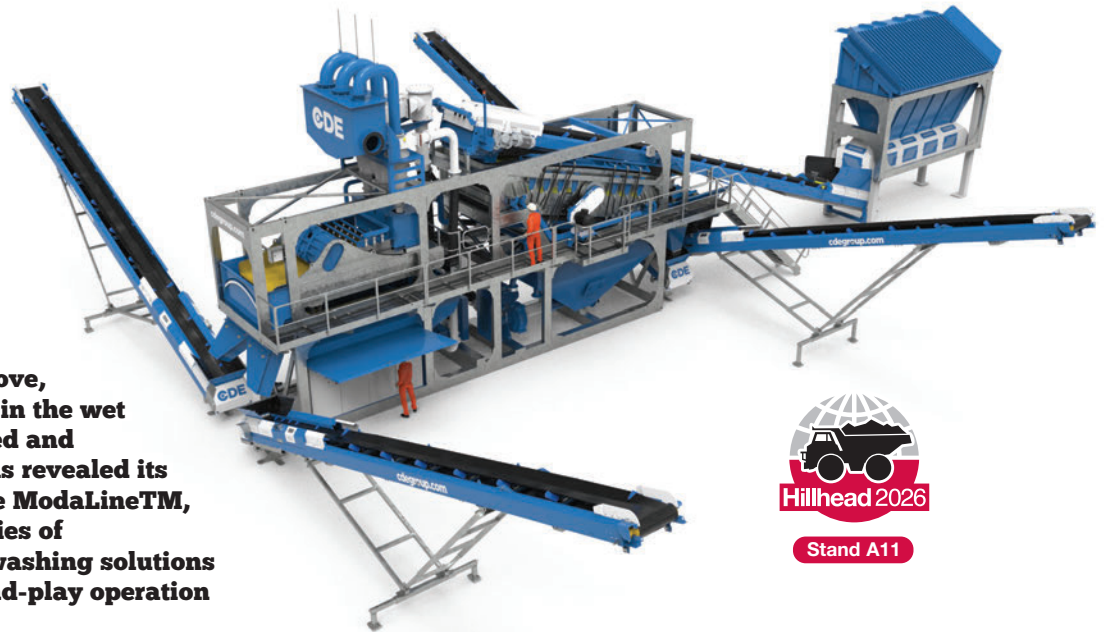
“This is a site-ready solution unlike anything that has come before it. We’ve packed 35 years of CDE engineering excellence into a fast deploying unit that is simple for dealers to sell and for customers to operate.”

Featuring CDE’s proven dual-pass cyclone with integrated Infinity™ dewatering screen, Sand blending chute, high-capacity sump, single point connection for process water, an on-board control panel and the flexibility to add your own stockpile conveyors, the ModaLine offers the full gamut of CDE’s sand washing technologies in an effortlessly portable, pre-configured unit that delivers consistent results.

Uniquely, it is constructed within a robust steel frame designed to ISO container dimensions for easy shipping and installation. The first models in the line offer feed capacities of up to 250 and 450 tonnes per hour.

CDE’s head of partnerships, Jullian Fegan, said ModaLine has been developed with equipment dealers in mind.

“We’ve removed the complexity involved in the commissioning of the typical wash plant. ModaLine is pre-wired, pre-tested and pre-assembled with fixed spec, so by the time it rolls onto site the hard work is done. For our dealers that means fewer variables allowing for rapid, low-risk commissioning, and for materials producers it means your



solution is on site faster than before and running material sooner rather than later with the same high degree of efficiency expected of any CDE plant.”



Tom Childs, Business Development Manager at Goodfellows, one of CDE’s partners in North America, has hailed the ModaLine as a ‘gamechanger’.

“We’re really excited about the new ModaLine. It opens up genuine opportunities for plants that need the flexibility to move in and out quickly and operate at remote job sites. The simplicity of the installation is a major advantage, and we see this as a product that will add real value to our customers’ operations.”

For more information about CDE and ModaLine, visit [www.cdgroup.com](http://www.cdgroup.com)

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# New Develon Series 9 Excavators UK Debut at Hillhead 2026

**The Develon stand at Hillhead 2026 in Buxton, Derbyshire from 23-25 June will provide the first sighting in the UK of the company's new 37 tonne DX360LC-9 and 42 tonne DX400HD-9 smart crawler excavators. Part of the new Series 9 range, the DX360LC-9 will be working in the demonstration area, where it will be showcasing Develon's revolutionary new E-Stop site safety technology at the quarry face at Hillhead.**

The DX400HD-9 will form part of the static display on the Develon Stand No Z4, where it will be joined by the new 23 tonne DX230LC-9 model, which with the 26 tonne DX260LC-9 model, also forms part of the Series 9 range of Smart Crawler Excavators.

Visitors to Hillhead will also be able to see the latest version of the DA30-7 articulated dump truck (ADT), featuring a new cab design for the ADT range, together with the DA45-7 model on demonstration.

Develon's quarrying and construction lineup will be further represented by the DL420CVT-7 wheel loader in the static display area, alongside the larger DL480-7 wheel loader in the demonstration area. The static display will also feature the DD130-7 dozer, recently joined by the newly launched smaller DD100 model, expanding Develon's dozer range on show.

Completing the display, Hillhead will mark the first appearance of the DX25Z-7 mini excavator at the event, displayed alongside the larger DX55R-7 and DX85R-7 mini excavators.

## New Groundbreaking Design

The new DX360LC-9 and DX400HD-9 models expand Develon's Series 9 Smart Crawler Excavator range alongside

the existing DX230LC-9 and DX260LC-9 models. The Series 9 range adds a new unique and innovative excavator platform built on full electronic hydraulic (FEH) technology and integrated artificial intelligence.

Powered by the Develon DX08V engine providing an output of 227 kW (304 HP) @ 1800 rpm (SAE J1995) and a maximum torque of 1230 kgf/m @ 1300 rpm, the DX360LC-9 has a maximum digging depth (std front) of 7512 mm and a maximum digging reach (std front) of 11,113 mm.

The Develon DX08V engine is a new feature, replacing the previous Scania engine, at the heart of the DX400HD-9, providing an output of 254 kW (341 HP) @ 1800 rpm (SAE J1995) and a maximum torque of 1460 kgf/m @ 1300 rpm. The DX400HD-9 has a maximum digging depth (std front) of 7512 mm and a maximum digging reach (std front) of 11,113 mm.

"This represents much more than just adding our next generation of excavators - it's about setting a new standard for the whole industry," says Stephane Dieu, Product Manager for Develon Excavators in Europe.

## Designed Around the Operator

Develon has enhanced its articulated ADT range with an updated cab designed to maximise operator comfort, productivity and jobsite safety. Being displayed on the updated DA30-7 model, the new cab reflects Develon's belief that operator well-being is fundamental to machine efficiency and overall performance, delivering a working environment that supports operators throughout long, demanding shifts.

A key feature of the update is the new 12-inch, high-resolution touchscreen monitor, providing intuitive access to machine information, settings and camera views. The large display improves clarity and ease of use, enabling operators to make faster, more informed decisions during daily operations.

Develon now offers a range of three ADTs, comprising the DA30-7 and DA45-7 6x6 models, complemented by a new 4x4 version of the DA45-7. The DA30-7 and DA45-7 6x6 models have payloads of 28 tonne and 41 tonne, respectively. The 4x4 version of the DA45-7 ADT is intended to compete with rigid dump trucks (RDTs) in the 40-tonne class.





## High Visibility Dozer

With the DD130-7, Develon is offering a wide range of features, providing a productive fine-grading solution for residential and light commercial construction projects. One of the biggest differences between the DD130-7 and other brands is the visibility it provides of the machine's dozer blade. To facilitate this, the front engine compartment offers a narrower design and is combined with other features that make it easier for operators to see their work.

For further visibility and safety, a standard rearview camera provides operators with an additional view of the dozer's surroundings. The full-colour, 8-inch Smart Touch display shows the feed from the rearview camera. Also standard are high-illumination LED lights and four premium wiper blades. The DD130-7 offers a high level of comfort with a premium high-quality seat. The seat and joysticks move together via the air suspension system, to absorb all vibrations.

## Develon Mini-Excavators

The new DX25Z-7 mini excavator being shown for the first time at Hillhead weighs 2691 kg and is powered by the well-proven Kubota D1305 Stage V compliant diesel engine, delivering 18.5 kW (25 HP) at 2600 rpm for reliable and efficient performance.

The DX25Z-7 has been developed to complement Develon's existing mini excavator line-up, offering a compact and transportable machine that meets the needs of a wide range of applications. This machine has compact dimensions suited to work in tight spaces commonly found in urban construction, landscaping, rental and general contracting.

## Increased Productivity and Versatility

The DL420CVT-7 and DL480-7 are two of the four largest standard models in the DL-7 range of wheel loaders from Develon, that also includes the larger DL550-7 and DL580-7 models. Designed for quarrying, construction and material handling applications, the DL420CVT-7 stands out for its continuously variable transmission, making it easy to operate and increasingly popular among aggregate plants for its optimal balance of power, efficiency and load capacity.

With redesigned buckets offering up to 7% more capacity, these DL-7 wheel loaders provide easier and faster loading with maximum bucket capacities from 4.5 to 6.4 m<sup>3</sup>. Altogether, the eleven DL-7 wheel loaders in the Develon range with bucket capacities starting at 2.0 m<sup>3</sup> provide increased productivity for a very wide range of material-handling applications.

For more on Develon, please visit the website: <https://eu.develon-ce.com/en/>

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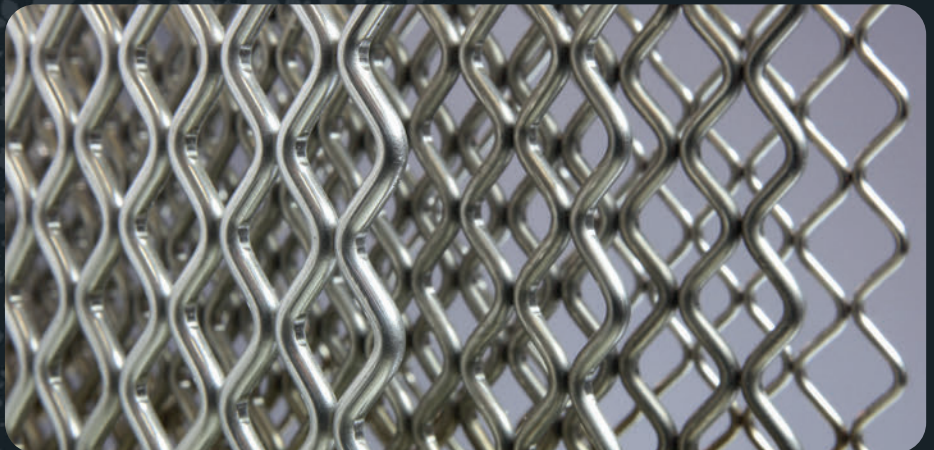
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# The Giants of Belting are on the road again at Hillhead 2026 to showcase their conveyor belt range, built for the toughest jobs



**Global conveyor belt supplier Smiley Monroe will attend Hillhead 2026, the UK's premier quarrying, construction and recycling show, running from 23 to 25 June 2026 in Buxton. The Giants of Belting will be showcasing how its conveyor belt range maximises machine uptime, extends machinery lifespan and reduces operational costs. Visitors can find the team at Booth E5.**

**At the show, Smiley Monroe will feature:**

- ZIP CLIP® – a ready-to-fit replacement belt that gets machines back up and running quickly, without the need for vulcanising or extended downtime.
- TOUGHFLEX® – the perfect all-round solution for extreme conveying, designed to handle the toughest conditions and last up to four times longer than standard EP multi-ply belts.
- INTEGRACLEAT™ – custom cleated belts with integrally moulded profiles, engineered to move materials efficiently and reliably across a wide range of operations.

Smiley Monroe supports industries including crushing and screening, recycling, agriculture, road construction and environmental operations, delivering solutions for more than 45 years.

**A Successful UK Launch and Continued Growth**

Since launching last September, the company's UK hub in Ilkeston, Derbyshire, has been highly successful, enabling increased stock availability and efficient service, including next-day delivery and same-day collection. Smiley Monroe looks forward to celebrating this achievement with its customers while continuing to build on that momentum.

Chris Monroe, CEO, said, "GB has always been an important market for us. Our customers wanted faster access to the products they need, and the Midlands Hub allows us to respond quickly and efficiently."

Hillhead 2026 provides an opportunity to see why Smiley Monroe is trusted across industries, delivering conveyor belt solutions that are fast, tough and reliable, backed by real-life results.

For more information, visit our website – [www.smileymonroe.com](http://www.smileymonroe.com)



Stand E5



## Astec Puts Customer Performance First with Eight New Launches at Hillhead 2026

**Astec will put customer performance, productivity, and profitability at the centre of its presence at Hillhead 2026, unveiling eight new innovations for the European market across crushing, screening, washing, and material handling, all engineered with the latest innovations, underpinned by proven technology, and fully compliant with CE standard**

Visitors to Stands E11 & J11 from Tuesday 23 to Thursday 25 June will see some of these solutions working live, on the show floor and have the opportunity to speak directly with experts, and discover how Astec technology can help optimise operations on site.

**Damian Power, Managing Director, Astec Europe, said:**

“Everything we’re bringing to Hillhead is designed for our European customers. Whether it’s increasing throughput, improving product quality, or reducing operating costs, these solutions deliver measurable, real-world results. Supported by our expanding network of dealers and partners across Europe, we provide strong local service. Our experienced team and parts inventory in Omagh, Northern Ireland, are backed by the global reach of Astec’s 4,500-strong workforce creating a compelling offering for our customers.”

### **Built Around Your Operation - Eight New Solutions**

Astec’s Hillhead showcase is focused on solving real operational challenges reducing downtime, improving throughput, and lowering cost per tonne.

Customers will experience eight key launches and innovations, including:

- The European launch of our new Frontier™ tracked mobile crushing and screening range, built for flexibility, fast setup, and high-performance production in demanding hard rock environments



- The global launch of the Kolberg® Eco-Scrub modular washing solution, delivering efficient wet processing with a design especially suited for semi mobile locations
- The European launch of our patented Vari-Frequency Technology, that minimises blinding and maximises output, will be showcased on our Pioneer 6203LPV horizontal screen.
- The Telestack® TCL 1031 Zero, a heavy-duty stacker engineered to handle high tonnage with reliability and efficiency
- The global launch of our Telestack® LF527 low feed hopper feeder, reducing double handling and ensuring smooth, controlled material flow
- European launch of our patented Multi-Frequency Screen. Proven for over 20 years on challenging materials. Available on tracks, wheels, or static. It significantly reduces blinding, even with sticky materials. It can produce manufactured sand from CRF without washing and turn quarry scalping’s into saleable products. It is also ideal for RAP, topsoil, compost, and skip waste fines.
- Innovative proven crushing and screening technology solutions, strengthening one of the most comprehensive portfolios in the market





- Integrated end-to-end material handling systems, designed to improve efficiency across the entire pit-to-port and port-to-plant logistics chain.
- Our in-house design telematics software, Signal®, gives producers easier access to vital performance insights and simplified maintenance across their fleet

### Driving Real Results for Customers

Ron Earl, Group VP of Sales & Marketing commented "Customers expect more than performance they expect results they can rely on. Hillhead gives us the opportunity to showcase our equipment in action and have real conversations about how we can help customers increase productivity, reduce operating costs, and achieve their long-term business goals."

### Meet the Team & Dealer Opportunities

Astec's leadership team will be on hand throughout the event to work directly with customers and partners.

Malachy Gribben, VP of Channel Management, said: "We're not only here to support existing and new customers we're also looking to grow our dealer network. We have a significant range of proven and credible solutions, already trusted by customers and channel partners around the world. If you're interested in representing a strong, trusted brand with a clear growth strategy, we'd encourage you to meet with us at Hillhead and explore the opportunities."



See It Live. Explore It Up Close. Talk to Experts.

- Visit: Stands E11 & J11
- See: Live equipment demonstrations
- Book: Meetings with Astec leaders and solution specialists at [www.astecindustries.com/hillhead](http://www.astecindustries.com/hillhead)
- Organise a visit to our European HQ and factories in Omagh, Northern Ireland
- Organise a visit to working sites to see equipment working

From proven brands since 1876 to next-generation innovation, Astec is ready to help customers perform better, operate smarter, and grow stronger.



Stands E11 & J11



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AT THE SOURCE.**



Modular Transfer Point Kit



Skirtboard Liner



Impact Cradle



ApronSeal™ Skirting

**A**t quarrying, recycling, and bulk material handling facilities around the globe, uncontrolled dust escaping from any conveyor transfer point accelerates wear on components, exposes workers to health risks, and requires arduous manual clean-up.

Available in multiple loading, settling, and stiling zone configurations, Martin's easy-to-install Modular Transfer Point Kits are uniquely designed to manage displaced air, minimize airborne dust, and control spillage.

Integrated within these enclosures, impact and slider cradles absorb energy generated during feedstock transfer, stabilizing material flow, and maintaining the belt's path. Martin's multiple skirting options then seal gaps at the belt-enclosure interface, preventing fugitive material from escaping.

**martin**  
engineering®



# Powering the shift to electric in mobile crushing and screening

**Sandvik Mobile Crushing and Screening is accelerating the shift toward more sustainable quarrying and mining with its fully electrified “electric train” solution. The integrated system—comprising the UJ443E jaw crusher, QH443E cone crusher and QA452e Doublescreen—delivers high performance with significantly reduced emissions, fuel consumption and operating costs.**

The electric train sets new benchmarks for productivity and efficiency and has been recognised with the Sandvik Sigrid Göransson sustainability award \* at the recent AGM meeting in April.

## UJ443E - Fully electric jaw crusher

At the heart of the train’s primary crushing stage, the UJ443E is built on a fully electric tracked platform and features the latest generation Sandvik CJ412 jaw crusher. Designed to maximise efficiency, it delivers up to 25% reduction in fuel consumption and up to 30% increase in throughput compared to previous models, while reducing hydraulic oil usage by up to 91%. Its flexible design allows operation via an external grid connection or onboard genset, enabling customers to optimise performance while minimising environmental impact and operating costs.

The machine is engineered for flexibility, with the ability to operate via an external grid connection or onboard genset using HVO or diesel, supporting reduced emissions, lower noise levels and extended service intervals when connected to mains power. In addition, the platform enables integration with downstream units, allowing efficient power sharing across the train to further optimise fuel consumption and simplify servicing.



## QH443E - Electric-driven cone crusher

The QH443E features an updated tracked platform with a diesel/electric generator-based drivetrain, Optik™ automation system, My Fleet remote monitoring, and the renowned Sandvik CH440 Hydrocone crusher.

This advanced cone crusher is known for its versatility and ease of setting adjustment through the Hydroset CSS regulation and protection system, which optimizes production and keeps track of liner wear through the CLP, Constant Liner Performance technology. With a choice of several chambers, throws and settings for a wide range of applications, this enables you to fine tune your specification and improve capacity.

## Sustainability at its core

The QH443E features a new and improved heavy duty feeder design and is equipped with electrically driven components. Its advanced design allows for operation through a connection to an external electrical grid supply or on-board generator, providing flexibility and reducing operational costs.

The integration of the latest generation of fuel-efficient engines further enhances flexibility, allowing the unit to be operated via HVO (Hydrotreated Vegetable Oil) or diesel when required, maximizing uptime whilst lowering emissions and operating noise. >



Stand M15





Due to the electrification of the onboard components, running the QH443E via the genset can result in up to 25%\* fuel savings and a 78%\* reduction in hydraulic oil usage compared to previous generations.

Combining electric drive technology with tracked mobility, the QH443E is designed with safety, sustainability, and total cost of ownership in mind. Making it ideal for secondary or tertiary crushing in aggregate production, quarries, and mines.

### **One platform, endless possibilities**

Engineered to operate in the most hostile environments, the QH443E is

ideal for large quarries and mines. Its robust design, featuring a unibody mainframe and premium components, ensures durability and strength. The load-sensing system for the feeder drive, camera, and level sensor guarantees continuous crushing, while the choice of chambers, throws, and settings allows for customization to suit a wide range of applications.

### **QA452e hybrid Doublescreen**

The QA452e Doublescreen completes the train with advanced hybrid screening technology, typically outperforming traditional screens by up to 30%. Its "e" drive allows operators to select the most efficient and cost-

effective power source, supporting both electric and diesel operation. Designed for high-capacity screening in demanding applications, the QA452e enhances overall system productivity while contributing to reduced fuel consumption and lower emissions

### **Engineered for today, powered for tomorrow**

Together, the electric train offers a fully integrated, low-emission solution that reduces fuel dependency, minimises environmental impact and supports the transition to electrified operations. By combining electric drive technology with tracked mobility and flexible power options, Sandvik is helping customers move towards more sustainable, future-ready crushing and screening operations.

All models in the electric train are available to order through Sandvik Mobile Crushing and Screening's global network of sales areas and distributors.

### **Sustainability award**

Test results and calculations are to be considered as results reached under certain and controlled conditions. These test results and calculations should not be treated as specifications and Sandvik does not guarantee, warrant or represent the outcome of test results or calculations in any or all circumstances.

# TRIANGLE

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# PowerX Equipment: Showcasing Innovation at Hillhead 2026

**PowerX Equipment will be exhibiting at Hillhead 2026, the UK's leading quarrying, mining and recycling exhibition. The company will highlight its innovative aggregate and mineral processing solutions to visitors from across the industry.**

With a strong focus on maximising tonnage rates, reducing costs and enhanced sustainability, the West Midlands based company will be showcasing the range of integrated washing plant installations and high-performance mobile crushing and screening equipment.

As the industry looks for better fuel and energy efficiency as well as environmental performance, PowerX supply some of the cleanest performing equipment on the market including all-electric, hybrid and low emission diesel powered solutions.



By combining practical, extensive industry knowledge with world class equipment from manufacturers including Powerscreen, Terex, MS and AKW Equipment & Process Design, they have succeeded in delivering improved profitability and high-quality products for aggregate companies across the UK.

Hillhead 2026 promises to be an even busier show for PowerX Equipment and their continued presence at the 3-day event reflects both the company's ambition and its growing confidence within the competitive marketplace.

To reinforce their identity as a trusted industry partner, the company has doubled its stand space, maximising the opportunity to demonstrate how they are changing the landscape of the aggregates industry.

PowerX Equipment's business in Africa will also be represented on their stand at the event this year. The African mining, quarrying and infrastructure industries continue to develop at pace and with visitors from the sub-continent at the show, it's the perfect opportunity for building new and strengthening current relationships.

## Mobile Crushing & Screening Equipment Hire Solutions

As the official hire dealer for Powerscreen® mobile crushing and screening equipment in England and Wales, PowerX



provides cost-effective aggregate processing equipment for quarrying, mining and infrastructure projects.

Innovative hire solutions deliver greater flexibility and better control over equipment supply, particularly when their clients are looking to increase on-site capacity. By offering a range of economical options, PowerX helps some of the largest aggregate companies to meet flexible production targets more efficiently without the need for major capital investment.

The short and long-term hire contracts include additional benefits over buying the equipment outright. Hiring instead of purchasing reduces the need for costly finance agreements.

In addition, servicing, repairs and breakdown cover is standard and backed up by rapid call-out services to improve uptime.

## Fully Integrated Washing Plant Installations

Utilising the wealth of experience across the organisation, the PowerX team specialise in designing and installing high performance washing plant systems that efficiently transform raw and recycled materials into valuable aggregates that can be used across a spectrum of construction and infrastructure applications.

With growing demand for better environmental performance, including a drive towards supporting a Circular Economy, quarrying, mining and recycling companies are seeking out optimised solutions that deliver on all fronts.

Sharing centre stage on the stand will be a 10-metre long PowerX Scrubmaster 300 Log Washer that will efficiently scrub and remove clay, silt and lightweight materials from aggregates, hardcore and construction and demolition waste. The result is a cleaner product that meets industry specifications.

The range of Log Washers available are built to last with durable heavy-duty components that can handle the toughest applications. The counter-rotating shafts feature hardened paddles to maximise the scrubbing process.

The robust body structure and wear resistant parts ensure outstanding throughput performance and long service life; regardless of the type and volume of material that is being washed.

## Water Recycling and Treatment Solutions

To further showcase the company's sustainability and natural resource management, PowerX Equipment have built a long-standing partnership with water management and treatment specialist company, MS and will have a high-performance



Filter Press unit at this year's show.

When installed as part of a closed loop water treatment system that feeds into a washing plant, the efficient MS Filter Press can recycle around 95% of the water consumed during aggregate washing. The result is a significant reduction in water loss and a diminished reliance on freshwater supplies.

At the same time, the latest ranges of MS Filter Presses not only optimise the management of silt, but they also work to minimise wear through intuitive operation of the membrane technology. MS utilise high water pressure to produce the final squeeze, efficiently maximising the recovery of water whilst reducing the wear on pumps and filter cloths.

### Sands & Fine Materials Classification

At a time when sand is in high demand for use on construction projects, PowerX Equipment is supporting the industry as it looks for safe and sustainable processes that helps to recover and re-use more materials rather than relying on raw materials.

The company has formed a strong partnership with AKW Equipment & Process Design as both organisations reflects a shared commitment to advancing sustainable aggregate processing solutions that support the circular economy and to reduce the dependency on virgin raw materials.

AKW Equipment & Process Design's AKA-VORTEX Hydrocyclones and AKA-SIZER Upstream Classifiers use high velocity water flow to separate lightweight organic materials such as lignite, coal and other materials from heavier weight sands; allowing more efficient recovery of consistently higher quality aggregates.

### Contract Aggregate Processing

With over 40 years of experience in contract aggregate processing, PowerX are at the forefront of providing effective mineral processing services to main contractors and construction companies across the UK.

By supplying world class equipment and professional, experienced site teams, the organisation has worked on some of the biggest infrastructure projects, major highways and rail developments including the HS2, Aberdeen Bypass and M6 Toll.

The company has processed over 140 million tonnes of materials, delivering high performance crushing and screening services that transforms excavated and blasted material into high-value resources for use on construction projects.

### Taking Centre Stage at Hillhead: Driving Performance & Profitability.

Applying experience, knowledge and technology, the company is solving some of the industry's toughest obstacles, a feat that sets them apart from their competitors.

Hillhead 2026 provides the perfect backdrop for PowerX Equipment to demonstrate to new and existing clients how they deliver effective services and products to improve processing performance and a pathway to greater profitability.

If you are visiting the show to search out innovative ways to improve your tonnage rates, product consistency and ultimately reduce aggregate processing costs, visit PowerX Equipment on Stand X7 to find out more.





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**2**

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**3**

**Aperture of  
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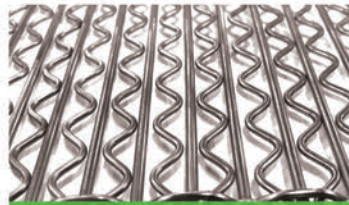
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Please come and visit us on **Stand H18**



# Quarry. Construction. Recycling. Done. Mb Crusher at Hillhead 2026

Live demonstrations on real machines, in a real quarry.  
Stand A34, RWM Outdoor, at the top of the hill.



**The claim was already there. MB Crusher just made it real.**



Hillhead built its reputation on three words: quarry, construction, recycling. MB Crusher operates within those same three areas every day: on demolition sites, in quarries, in recycling yards across the globe. At the Buxton show on 23–25 June 2026, the company will go

beyond a static display. MB Crusher will run live demonstrations in a working quarry environment, showing exactly what its attachments do in real operating conditions.



**The New Entry: MB Demolition Pulveriser, Compact & Heavy Line**

Launched in 2025, the MB demolition pulveriser is the latest addition to the MB Crusher product range. Designed for primary and secondary demolition, material downsizing and rebar separation, it mounts directly onto excavators from 1.5 to 25 tonnes. At Hillhead, both the Compact Line and the Heavy Line will be on stage, some on them working, some of them on display.

The Full Workflow at Stand A34: Demolish, Crush, Screen. Stand A34 at the RWM Outdoor area covers the complete material processing cycle — from demolition waste to reusable aggregate — using three attachments mounted on a single excavator, with no additional equipment required.

- Demolition pulveriser: the 2025 launch, designed for demolition contractors handling reinforced concrete
- Crusher bucket: processes demolition debris and quarry material into reusable aggregate directly on the job site
- Screening bucket : separates inert material by size in minutes, without the need for a dedicated screening plant

This dual-line approach highlights the scalability of MB Crusher technology, allowing operators to apply the same processing logic across multiple machine sizes and jobsite scenarios.

All products in the MB Crusher range are available for immediate delivery across the UK — a response to the sustained growth in demand recorded throughout the years.

Location: Top of the Quarry, Hard to Miss

MB Crusher's stand is located in the RWM Outdoor area at the top of the Hillhead quarry — Stand A34.

Throughout the three-day event, the MB Crusher team will be on site to provide technical insights, discuss applications and support professionals in identifying the most suitable solutions for their operational



Stand A34

# TRANSFORMING WASTE



**Increase Production  
And Profit While  
Reducing Waste With  
McLanahan C&D  
Recycling Solutions**



**In-house lab to ensure  
proper sizing and  
selection**



**Plants fully composed  
of McLanahan  
engineered equipment**



**Maintenance-friendly  
designs to minimize  
downtime**



**Produce clean, in-spec  
product from virgin and  
recycled aggregate**

**See Us At Hillhead In Stand J4**

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# Rapid International to Showcase Next Generation Mixing Technology at Hillhead 2026



**At Hillhead 2026, Rapid International will showcase the latest developments in continuous mixing technology, highlighting how the company is responding to the evolving demands of modern infrastructure and sustainable construction.**

With major projects across the UK, Ireland and international markets increasingly requiring high-output, high-accuracy material production, Rapid International continues to expand its range to meet changing industry needs. One recent example is the Adare Bypass project in County Limerick, where a Rapidmix continuous mixing plant is being used by Breedon Ireland to produce Cement Bound Granular Material (CGBM) for the landmark road scheme.

The project demonstrates the growing importance of flexible and efficient mixing solutions capable of delivering consistent performance on large-scale infrastructure developments. Building on this demand, Rapid International will use Hillhead 2026 as the platform to introduce a new mobile mixing solution aimed at the sustainability and environmental sector.

Designed as a compact, self-contained unit, the new plant combines feeding, mixing and discharge in a single system while delivering outputs of up to 150 tonnes per hour. The solution has been specifically developed to help contractors process and reuse site-won materials directly on-site, reducing material waste, minimising transport requirements and supporting more sustainable construction practices.

The launch reflects a wider shift across the industry towards environmentally conscious technologies and smarter material management. As sustainability targets continue to influence project delivery, contractors are increasingly seeking adaptable equipment capable of improving efficiency while lowering environmental impact.



Rapid International's latest innovation forms part of a broader programme of investment in future technologies and product development. By expanding its continuous mixing range, the company aims to provide solutions that support both major infrastructure delivery and emerging environmental applications.

Visitors to Hillhead 2026 will have the opportunity to see Rapid International's latest equipment developments first-hand and learn more about the company's future plans for the continuous mixing sector.

Rapid International will be exhibiting on Stand C19 from June 23–25, where visitors can explore how the company is helping drive the next generation of high-performance and sustainable mixing technology.



Stand C19

# Unrivalled Materials Wet Processing Solutions



Stand N3



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- Soils non haz and haz
- Skip waste fines
- Skip waste coarse fractions
- Hydro excavated materials
- Utility dig
- Road sweepings
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# Jaw crusher unblock system reduces downtime

Technidrive improves efficiency and safety at Rockfield quarry site in Northern Ireland...

**Unblocking jaw crushers often involves employing rock breakers, hammers or winches to dislodge material – a hazardous manual task for the operators involved. Here’s how Technidrive helped RJ Mitten & Sons, a Northern Ireland-based quarrying specialist, with a significant upgrade to enhance the safety and efficiency of its jaw crusher machines.**

Gary Kemaighan ( left ) Noel Mitten (right)



Teaming up with Technidrive, renowned for its expertise in industrial drive systems, RJ Mitten & Sons installed two new jaw crusher unblock systems at its Rockfield quarry site. The crusher unblock systems were retrofitted onto RJ Mitten’s existing Kue-Ken primary jaw crusher and secondary jaw crusher, powered by 75kW and 55kW motors respectively. As these machines

were over 40 years old, the new unblock system has given the crushers a new lease of life both increasing energy efficiency and safety.

Crushing plays a crucial role in the transformation of rock into a usable product. At the onset, product enters the jaw crusher through the machine’s top and undergoes compression between two surfaces — the fixed and movable jaw. This process continues until the rock attains a size small enough to pass through the opening. Properly matching the size of the raw material to the jaw opening can help reduce blockage incidents.

Strategies such as removing oversized products before processing and meticulously controlling the crusher feeder can aid in this endeavour. However, despite these measures, blockages still occur. In fact, before the upgrade, RJ Mitten was experiencing blockages a couple of times a month. Clearing a blocked crusher necessitates shutting down the plant and isolating the system.

Even with these precautions, crushers pose a significant risk to personnel due to the release of kinetic energy during unblocking. It was necessary to physically hang upside down in the crusher and use straps and a rock hammer to release blocked product.

Recognising this risk, Technidrive aimed to develop a system that not only prioritised energy efficiency but also eliminated the need for operators to manually remove blocked material from crusher machines.





efficiency gains we've achieved. Crucially, we no longer have to perform this manually."

One of the groundbreaking features of the upgrade is the innovative software developed by Technidrive. During a standard start-up procedure from a standstill, the variable speed drive (VSD) gradually accelerates

the crusher with a slow ramp time, limiting the absorbed current due to the considerable inertia of the application. This not only minimises the power supply demands, enhancing system efficiency, but also alleviates strain on the mechanical components.

Consequently, this approach can result in substantial savings in maintenance costs and prolong the machine's lifespan.

Moreover, the advanced software facilitates a specialised start-up function for situations where the jaw crusher is fully blocked. If the crusher is halted while full, the VSD can be activated in an unblock mode, swiftly initiating a rapid ramp time either in forward or reverse, contingent upon the crusher's position. It automatically regulates various parameters including direction, current, ramp times, DC bus voltage, torque, position and speed until the chamber is cleared of product and the crusher operates empty for a predetermined duration. Z

"This system eliminates the hazardous and labour-intensive task operators traditionally face when manually unblocking crushers," explained David Strain technical director at Technidrive. "Crucial to the system's reliability is the VSD, carefully programmed to ensure efficient, reliable and safe operation for the motor and mechanical equipment, equipped with specialised Unblock program. Since we first developed this system in 2016, we've installed over 80 crusher unblock systems and continue to increase crusher safety and efficiency across the globe for both end users and OEM's."

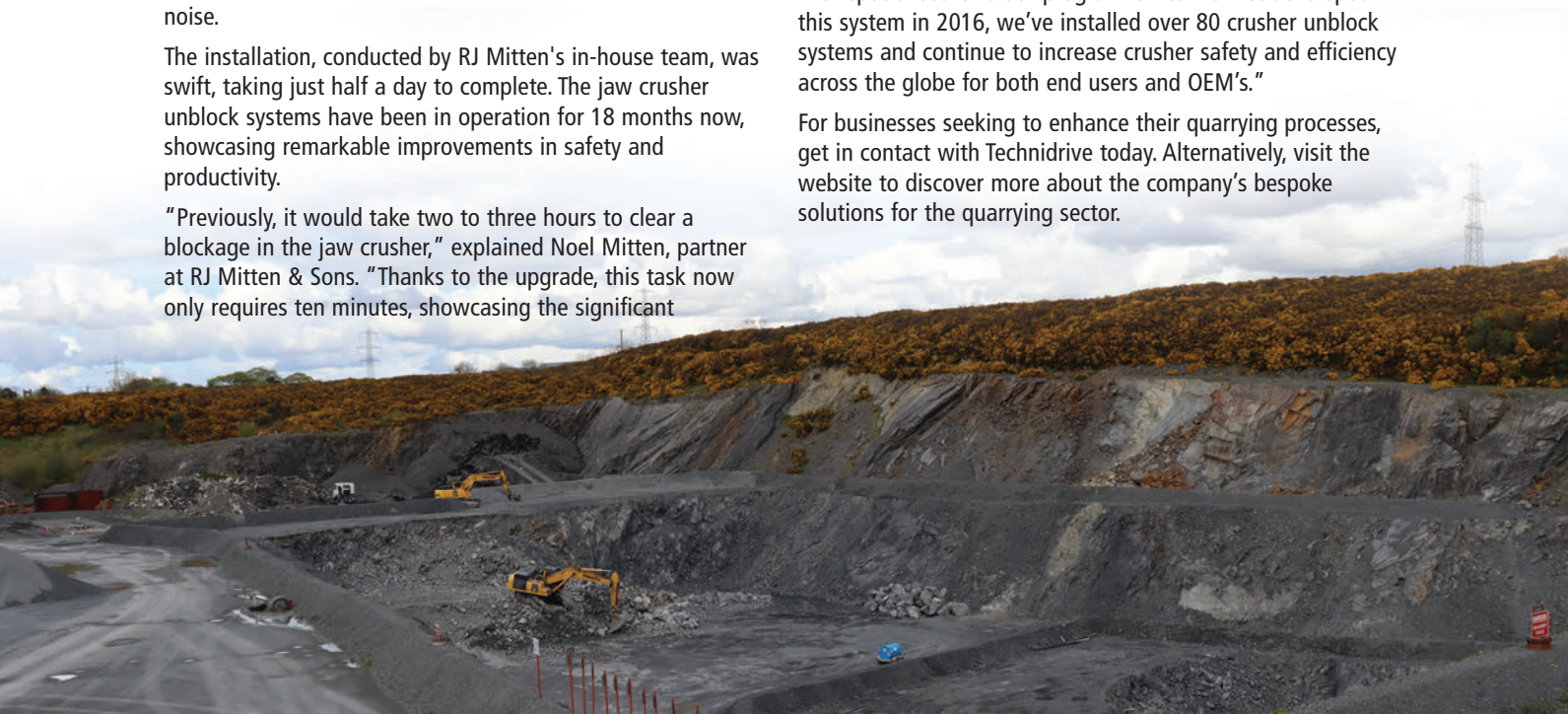
For businesses seeking to enhance their quarrying processes, get in contact with Technidrive today. Alternatively, visit the website to discover more about the company's bespoke solutions for the quarrying sector.

Technidrive's approach focused on developing an energy-efficient and automatic unblocking system for the jaw crushers. The selection of electric motors and gear units for the system is essential. This choice was complemented by integrating a CFW500 WEG inverter with built in soft programmable logic control (PLC) functions, to control the motor.

There were several advantages to this selection, including the standard DC bus chokes to reduce harmonics. The inverter was selected with an output sinusoidal filter to create a nice sine wave, reduce output current and importantly reduce electrical noise.

The installation, conducted by RJ Mitten's in-house team, was swift, taking just half a day to complete. The jaw crusher unblock systems have been in operation for 18 months now, showcasing remarkable improvements in safety and productivity.

"Previously, it would take two to three hours to clear a blockage in the jaw crusher," explained Noel Mitten, partner at RJ Mitten & Sons. "Thanks to the upgrade, this task now only requires ten minutes, showcasing the significant





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# Added Value, Not Added Pressure: The Power of External Support



Over the years, I've had countless conversations with teams who are simply stretched. Marketing plans are in motion, social media needs constant attention, and events, once a clear sales opportunity, start to feel like just another pressure point.

It's something I see a lot, and it's where the idea of added value really comes into its own.

Bringing in external support can sometimes feel like a big step. I understand that. But in my experience, it's not about replacing what you already have, it's about strengthening it.

When we work with businesses reviewing their marketing and events strategy, one of the first things we do is take a step back. Are your events truly aligned with your wider sales journey? Or are they being treated as one-off moments? That outside perspective often uncovers opportunities that are hard to spot when you're in the middle of it all.

The same goes for social media. Many teams are doing a great job of staying active, but without a clear framework that links back to marketing and PR, it can be difficult to measure real impact. A bit of structure can make a big difference.

Finally, there's capacity. When teams are juggling multiple priorities, events can quickly shift from being proactive and purposeful to reactive and rushed. That's when the value starts to dip, not because of a lack of effort, but simply because there's too much going on.

What I always say is this: bringing in support shouldn't feel like a vulnerability. It's a way of giving your team the space, focus, and expertise to do what they do best ... just better!



## Final thoughts...

If any of this sounds familiar, it might be time to look at where additional support could make a real difference. A fresh perspective can often unlock more than you expect.

If you'd like to have that conversation, we'd be more than happy to chat.





## Where Engineering Meets Industry Expertise

Across the recycling industry, the drive to increase material recovery and processing efficiency has never been greater. As waste streams become more complex and facilities push for higher throughput, operators are looking for equipment that can deliver reliable separation performance while integrating seamlessly into demanding operational environments.

Providing these solutions to the UK market is the combined expertise of Screenpod Design & Manufacturing and RPM Recycling Plant & Machinery two companies whose strengths in engineering and industry knowledge are helping recycling operators implement effective processing technologies across a wide range of applications.

Screenpod, headquartered in Northern Ireland, is an established and highly respected manufacturer within the recycling and material processing sector, recognised for its engineering expertise and innovation-led approach. The company has built a strong reputation for developing equipment designed to perform in challenging environments, combining robust construction with intelligent, purpose-driven design.

With a clear focus on real-world performance, Screenpod delivers practical solutions that address the operational demands of modern recycling facilities. From advanced separation technologies to modular sorting infrastructure, Screenpod equipment is engineered to improve efficiency, increase recovery rates and enhance overall plant performance.

Delivering this technology to the UK market is RPM Recycling Plant & Machinery, the authorised UK dealer for key Screenpod equipment ranges. With extensive experience supplying equipment to the recycling and waste processing sectors, RPM plays a central role in ensuring Screenpod machinery is not only accessible to UK operators but also successfully integrated into operational recycling facilities. Through equipment supply, technical guidance and ongoing support, RPM provides the expertise required to translate advanced machinery into effective working solutions.

Together, the two companies combine engineering innovation with practical industry expertise, creating a powerful partnership that is helping recycling businesses strengthen their processing capabilities.

Among the technologies gaining significant interest across the sector is the Screenpod AirVac air density separation system, designed to efficiently separate lighter materials from heavier fractions within mixed waste streams. Air separation has become an increasingly important stage within modern recycling plants, particularly where materials such as plastics, paper and film must be separated from heavier components including aggregates, metals and wood.

Engineered by Screenpod as part of its advanced separation portfolio, AirVac systems utilise controlled airflow to exploit differences in material density, creating a highly effective separation process across conveyed material streams. By removing lightweight contaminants while retaining valuable heavier materials, operators are able to significantly improve material purity while maintaining strong processing throughput.

Alongside air separation technology, Screenpod also manufactures the PortaVac industrial vacuum system, engineered for demanding environments where powerful material extraction is required. PortaVac units operate as high-capacity industrial vacuums capable of removing large volumes of debris, dust and waste material.

Another important element within the Screenpod range is the modular picking station, designed to support efficient manual sorting within recycling operations. These structures provide operators with a controlled platform from which recyclable materials can be extracted from conveyor-fed waste streams, improving sorting efficiency and maximising the value of recovered materials.

Through RPM's equipment sales and hire offering, these Screenpod technologies are available to recycling operators across the UK, demonstrating how the collaboration between the two companies is translating engineering innovation into practical processing solutions for the industry.





# Sealing the Deal: Recycling Conveyor Dust Control

By Oliver Kämpfer - Martin Engineering DACH

**Recycling commercial wastes, industrial byproducts, metals, electronics, biomass, cardboard, paper, and plastics is now firmly at the heart of the raw material supply chain**

Within these waste streams, fine materials can account for a substantial share of the total output, requiring spillage and dust control. Fugitive dust emissions create an unhealthy work environment both inside and outside the plant. To make matters worse, certain wastes emit toxic particulates during processing, especially materials with corrosive properties, adhesives, coatings, and other hazardous substances. [Fig.1]



Figure 1 - Materials in the recycling process can contain a significant proportion of fines.

## Particulates matter

Although most of this particulate matter (PM) is considered little more than a nuisance, particles  $\leq 100$  microns ( $\mu\text{m}$ ) in size are considered 'inhalable,' and particles smaller than  $\text{PM}_{40}$  ( $\leq 40 \mu\text{m}$ ) are usually invisible to the naked eye. Many recycling processes emit particles smaller than  $\text{PM}_{10}$  ( $\leq 10 \mu\text{m}$ ), which are considered 'respirable.'  $\text{PM}_{2.5}$  ( $\leq 2.5 \mu\text{m}$ ), known as fine particles, can penetrate deeply into the lungs. At this level, some particles cross into the bloodstream. [Fig.2]

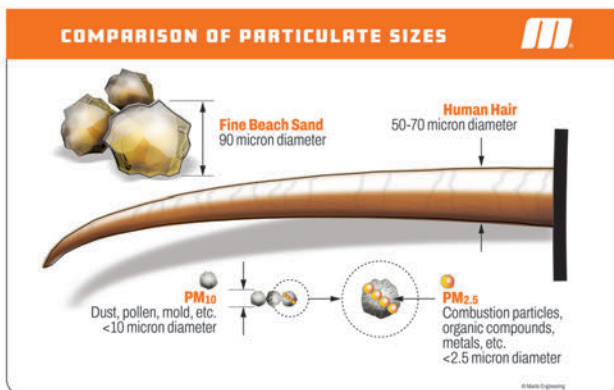


Figure 2 - Comparison of particle sizes.

Maintenance teams often struggle to stay on top of cleanup, leading to workplace safety violations. Additionally, dust is known to foul exposed machine components, causing them to wear faster and require servicing and replacement sooner.

Particulates also clog equipment air intakes, necessitating additional maintenance and downtime.

Aside from crushing, grinding, and shredding, the most common sources of dust in any recycling plant are conveyor transfer points. As loose material drops onto a conveyor belt, particulates disperse into the air. [Fig.3]



Figure 3 - Dust can create serious issues at transfer points. Containment is key

Poor transfer point design is among the main causes of dust emissions. Turbulence in the loading zone creates pressure in the transfer point enclosure, which forces airborne dust out of any available opening. Operators generally find that passive dust control through retrofitted transfer-point design changes is more practical and cost-effective than misting systems or HVAC solutions.

Well-designed transfer chutes have several key features that minimise the dispersal of fine material as it drops and settles onto a conveyor belt. Firstly, the length, angle, size, and shape of a chute dictate precisely how material arrives onto the belt below. For example, with centered, sloped, and spoon-shaped chute configurations, material is eased onto the belt with less impact and little or no rebounding. This design reduces air turbulence and minimizes load shifting. [Fig.4]



Figure 4 - A well-designed transfer point can address the root causes of dust emissions.

## Skirt around the subject

Along the length of the loading zone, the entire enclosure needs to be well-sealed with belt skirting.

- Single skirting should be cut to match the belt's trough angle for a tighter seal. The best designs can be mounted externally for easy and safe adjustment.
- Dual skirting is an engineered design that incorporates a primary and secondary seal, providing an additional layer of protection against spillage and fugitive dust. Dual skirting is available in urethane and rubber.
- Self-adjusting skirting systems use gravity to apply light downward pressure, minimizing maintenance needs and making them the right solution in some situations. [Fig.5]



Figure 5 - Skirting is the only solution to ensure a well-sealed loading zone, whilst a series of dust curtains act as a brake to slow air speed.

## Curtain call

Turbulent air can be stabilized by extending the transfer chute enclosure along a specified length of the conveyor, providing more space for larger particulates to drop back onto the belt. While some airflow will still be present, the key is to slow it to under 1 meter/second (m/s) (approximately 200 feet per minute), slow enough for particulates to settle.

Strategic curtain placement gives dust particles more time to agglomerate and settle onto the belt. Chutes that are properly sealed and retrofitted with three curtain zones recirculate the airflow and allow dust to settle. Field tests show a drastic reduction in emissions of both nuisance and respirable dust with the correct curtain set-up.

## Discharge Debris

Fugitive material at the discharge zone can also be problematic. Carryback from inadequate belt cleaning can lead to spillage and cause airborne material along the entire length of the belt return.

To prevent carryback, manufacturers of belt cleaners have devised durable solutions capable of cleaning belts from the most abrasive, corrosive, acidic, or liquid substances without damaging the belt. [Fig.6]

Figure 6 - Keeping conveyors clean is vital to prevent fugitive material from being carried back along the return side of the belt.



## CASE STUDY: Energy-from-waste processing - Germany

A major energy-from-waste plant in the Hamburg region of Germany, processes around 300,000 tonnes of waste annually. The facility handles a variety of materials and generates energy in the form of electricity and heat, while also recovery residual materials for reuse. A key part of the operation are its 40 conveyor belts – from 800mm to 1200mm in width and typically running at 1.3 m/s – used to transport abrasive materials through the process. Persistent carryback on most conveyors led to excessive cleaning demands, undermining productivity and creating potential safety risks.

Martin Engineering's experts visited the site and recommended an innovative belt-cleaning solution, the highly effective CleanScrape® Primary Cleaner and SQC2™ Secondary Cleaner. Both cleaners are perfectly suited for tough conditions where space is limited. They have long service life and deliver effective belt cleaning without risk to the belt or splice. CleanScrape® Primary Cleaner is especially durable and has a unique design. It is installed diagonally across the discharge pulley, forming a three-dimensional curve, and incorporates a matrix of tungsten carbide tips. Applying minimal pressure, it removes hardened material without damaging the belt or splice.

A total of 30 CleanScrape® Primary Cleaners and 5 SQC2™ Secondary Cleaners were installed on the affected conveyors. Thanks to the optimised belt cleaning performance, the plant achieved a higher level of productivity with much less maintenance. The installation significantly reduced the amount of cleaning and unscheduled downtime, which lowered the cost of operation.

## Conclusion

While conveyor transfer points are not the only source of dust, they are among the most prevalent generators of particulate emissions. Beyond health and safety, eliminating airborne dust delivers numerous benefits, including better housekeeping, improved environmental management, less maintenance, process efficiency, greater productivity and whole-life cost reduction.

# Terminator xtron

Low-speed single-shaft shredder



- ✓ Highly versatile: Handles all types of waste
- ✓ Built tough: Robust design for strong performance
- ✓ Large loading capacity: Up to 7 m<sup>3</sup> hopper volume
- ✓ Adjustable output: Easy particle size control

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**Optional screen basket**

Retrofittable for all Terminator xtrons



# ProSpare

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STAND F6



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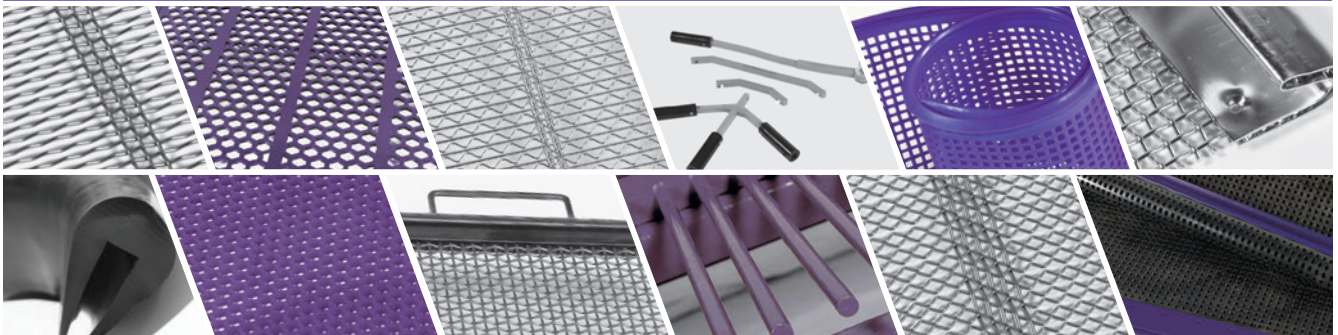
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Please come and visit  
us on stand **PB54** in  
the Main Pavilion



# Introducing a World-First Test Facility

**Hillhead 2026 will mark a major milestone for Plant Parts as we officially introduce The Rig – our world-first hydraulic motor testing facility – to the industry.**

Visitors to Stand PD1 will have the opportunity to learn more about the most significant investment in our company's 30+ year history: a purpose-built facility developed specifically for Swing Drive and Final Drive hydraulic motors.

After years of planning, collaboration and engineering development, The Rig represents an investment of around £1 million and reinforces our commitment to raising standards across hydraulic motor repair, testing and reliability.

## What Makes The Rig Different?

Unlike conventional hydraulic test rigs adapted from pump systems, The Rig has been designed entirely around motors. At its core is a state-of-the-art electronic dynamometer, combined with a fully electronic fixed structure and regenerative capability, allowing us to carry out highly accurate testing under genuine operating loads.

The facility is capable of testing motors from 18cc to 340cc, with load testing up to 132kW. More importantly, it enables us to simulate real-world working conditions and validate performance directly against OEM specifications — something rarely available within the UK market.

For customers operating in demanding sectors such as quarrying, mining, demolition and waste management, reliability is critical. Downtime is costly, and confidence in repaired components matters more than ever. The Rig has been developed to address exactly that challenge.

## Raising Standards in Repair and Testing

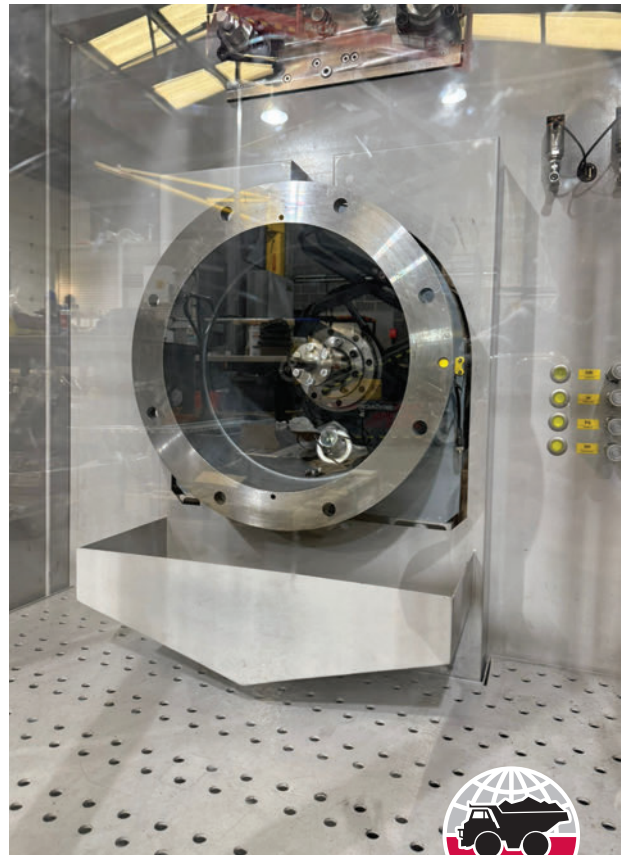
Rather than relying solely on functional or batch testing, every repaired motor can now be tested under load before leaving our workshop. This gives customers complete confidence that repaired units are performing as expected before they are returned to service.

The facility also delivers fully automated single-operator testing alongside advanced data acquisition and detailed performance reporting, providing greater transparency and traceability throughout the repair process.

Developing The Rig has not been without challenges. From overcoming supply chain pressures to achieving the level of precision required for regenerative capability, the project has pushed both engineering and operational boundaries. The result positions Plant Parts among a very small number of European suppliers capable of offering this level of specialist hydraulic motor testing.

## Visit Us at Hillhead 2026

Hillhead provides the ideal platform to showcase what The Rig means not only for our business, but for the wider industry. Visitors to the stand will be able to speak directly with our team about the thinking behind the project, the



Stand PD1

technical capabilities involved and the practical benefits it offers to equipment owners and operators.

Alongside The Rig, we'll also be discussing our wider repair and replacement solutions, as well as the partnerships that continue to strengthen our offering across the sector.

And, as always, there will be a lighter side to the stand too, including our popular competition to win a LEGO kit by guessing the weight of our bespoke drive coffee table.

## Contact Plant Parts

Visit us at Stand PD1 at Hillhead 2026

Contact the team to arrange a visit or discuss your requirements 01473 820 910

Visit our website and social channels for updates, videos and behind-the-scenes content from The Rig [www.plantparts.com](http://www.plantparts.com)

We look forward to welcoming visitors to Stand PD1 and sharing the next chapter of The Rig story.

# Jaw dropping unblocking from Technidrive



Scan the QR to  
watch our crusher  
unblock video

- ✓ Reduce downtime
- ✓ Increase tonnes per hour
- ✓ Eliminate health and safety risks

The Technidrive jaw crusher unblock system is designed to automatically clear blocked chambers safely and efficiently, helping keep your operations running at maximum performance.



## See Technidrive at Hillhead 2026



Stand  
PB24



June  
23-25



Hillhead Quarry,  
Buxton, UK



### Plus, join our Hillhead treasure hunt!

Take part in our treasure hunt during the show for your chance to win prizes. Scan the QR code to find out more

Visit the team at stand PB24 to speak with our experts.



## A Training Service Trusted in Compliance: Certora Returns to Hillhead with Expanded Capability for 2026



Hillhead has long been the place where training, competence and operational reality meet – and in 2026, Certora Training returns for its eighth appearance, bringing an expanded portfolio and a renewed commitment to supporting the minerals processing and extractives industry.



With more than 30 years' experience, Certora has become one of the UK's most trusted providers of training, qualifications and assessment services. The company supports businesses of every size in maintaining compliance with legislation, industry standards and best practice, ensuring that every employee's journey to competence is structured, supported and measurable.

"Safety and competence remain at the heart of everything we do," explains Managing Director, Emily Bonsall. "We remain committed to listening to our customers and their learners to deliver the most trusted training service to UK businesses."

This commitment is reinforced through close collaboration with the UK's leading standard setting bodies — IPAF, CIWM, MPQC, PASMA, EU Skills, NPORS and LANTRA — ensuring that every course delivered is current, relevant, and aligned with real world operational demands.

### Industry Specific Training and Qualifications

Certora specialises in equipment operator training and on site assessment to all UK industries including the extractives, waste, construction, and land based sectors. Alongside plant and equipment training, the company delivers CIWM, MPQC, LANTRA and GQA vocational qualifications, from Level 2 through to Level 7.

These qualifications are designed not only to build knowledge and develop skills, but also to provide robust evidence of workplace competence — a critical requirement for safety critical industries.

Technology plays a key role in Certora's delivery model. The company's digital systems and e portfolio platform allow learners to build evidence as they work, while giving managers real time visibility of progress. This combination of skilled people and smart systems ensures high quality service at competitive prices.

### What's New for 2026

Certora's ethos is simple: never stand still. The company continues to evolve its services to ensure customers have access to a complete range of training and qualifications that reflect the diverse needs of modern operations.

For 2026, Certora is introducing:

- **16 new LANTRA NVQ qualifications**
- **The full NPORS Route to Competence**, enabling operators to achieve the **NPORS CSCS Blue Competent Operator Card**
- **New eLearning courses**, including COTC Refresher, Geotechnical Awareness and Working at Height Awareness

These additions significantly strengthen Certora's national capability across plant operations, land based industries, environmental management, and construction.



### Compliance in One Call: Certora's Managed Service

As training requirements become more complex, more organisations are turning to Certora's Managed Service — a fully administered, transparent and professionally managed training solution.

Ideal for businesses operating multiple sites,

contractors and qualification routes, the Managed Service provides a single point of contact for all operational training needs.

### Certora's Sourced Training team:

- Sources training beyond Certora's core specialisms — from fire safety to drone operations and confined space to conflict management — coordinating training across a national network of 180+ specialist providers
- Manages administration, certification and record keeping, uploading completion data directly into customer LMS systems
- Provides a consistent, auditable, organisation wide view of competence with accurate training reporting

For many customers, this service has become an essential part of maintaining compliance and reducing administrative stress and supply chain costs.

### Visit Certora at Hillhead – Stand PA20

Hillhead remains the perfect environment to explore training and competence in the same setting where skills are applied every day. The Certora team will be on Stand PA20, ready to discuss operator training, qualifications, assessments, competency schemes and Managed Service solutions.

### Become an Instructor, Assessor or IQA with Certora

Certora is actively seeking experienced operatives who are interested in progressing into instructor, assessor or IQA roles. With demand for high quality training continuing to grow, the company is expanding its network of industry professionals who want to share their expertise and support the next generation of operators.



### Training and Compliance – Welcome Steve

Certora is also pleased to welcome Steve Hamar, formerly of Heidelberg, as the company's new Northern Training and Compliance Manager. With more than 30 years' experience in health and safety and operational training, Steve joins Certora's operational team to evolve training courses, support industry standards and enhance the quality of service delivery.



# Who are we and what can we do for you?



**Axon Power & Control Ltd are proud to provide the complete electrical package for your projects, from concept through to completion.**

- Initial consultation
- Safety assessment (CMSE TUV NORD certified)
- Electrical control panel design
- Electrical control panel manufacturing
- Industrial automation (PLCs, HMI, SCADA)
- Installation & field wiring
- Commissioning
- Energy monitoring and optimisation
- Fault finding, maintenance and support
- Remote diagnostics & telemetry

### Your digitalisation and automation partners

Here at Axon collaboration is one of our core values. We believe in partnerships with our customers and other companies to truly understand the customers' needs and provide innovative solutions that will keep their operation at the forefront of the industry. We have a proven track record of delivering smart solutions, optimising performance to get the most out of your machinery. We are system integrators, capable of delivering automation systems across multiple platforms, improving uptime, efficiency, safety and operator visibility.



We have successfully delivered multiple projects using smart motor control. Our control systems can identify potential issues with plant items, allowing the operator to act quickly and prevent downtime. Alarms such as service reminders, switch gear reaching 90% of rated operations, allow business to schedule maintenance at a time that suits, rather than reacting when its too late.

In collaboration with Technidrive, we have implemented their Jaw unblock system, along with automating an outdated control system that was previously controlled manually. This solution delivered remarkable returns for the customer. The system we delivered was able to react to the conditions of the plant without operator intervention, automatic starting, stopping and diversion when problems arise as well as drastically reducing downtime when the Jaw crusher blocks. Previously a blocked Jaw would have to be cleared by hand, shutting the plant down for hours if not days at a time. Now the system detects a blockage, pauses the feeder, automatically clears the blockage and then resumes the feed, without the need for any operator intervention.

### Decarbonisation & Sustainability

As a certified Schneider alliance partner and system integrator, efficiency and sustainability is at the heart of everything we do. With the ever-changing energy prices we it's becoming increasingly important for business to know how much energy they are using, and to optimise their energy consumption. We can give businesses insights with metrics such as kWh/ton of material produced, which gives them visibility of their energy costs and consumption. By monitoring the system and individual motor, active and reactive energy and power allow us to identify areas of the plant that are the least efficient, giving the customer information they can act upon.

### Testimonials

Shane Mullin – MWS – Senior Commissioning Engineer – "Working with Axon has always been straightforward and professional. Their technical knowledge, remote support capability and responsiveness have been a huge help throughout the projects we've worked on together. The level



of support and commitment from the team makes Axon a great partner to work alongside."

Tim – GD Harries – Quarry Electrician – "Axon was chosen to design and build the panels to be integrated into our primary crushing system at Bolton Hill Quarry Pembrokeshire. The system also had the revolutionary unblocking system which through the last 12 months has saved the company a substantial amount of money with no loss in production when our old system blocked. The project from start to finish was

very professional with the design, build quality, drawings and support. We would not hesitate to use the services of Axon again for any further projects."

Although we don't have a stand here at Hillhead this year, multiple members of staff will be attending each day. If we could be of assistance or you would like to chat about what benefits, we could bring to your business please scan the QR code to schedule a meeting with one of the team.

## Protect your CRUSHER



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### One Piece of Metal is all it Takes.

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# Cement plant turns to ProSpare to improve belt conveyor performance



## The challenge

A major UK dry process cement plant, operating since the 50's, extracts over 1m tonnes of carboniferous limestone annually. A network of +40 belt conveyors operate across the quarry and cement plant that are critical to the success of the entire facility.

Belts 3A and 3B, transporting 100mm limestone from quarry to cement plant, were a constant source of maintenance. Collectively, the belts are approximately 175m long drum-to-drum and handle 700-800 tonnes per hour, 40 hours per week.

### POOR BELT CLEANING CAUSED STOPPAGES

The conveyors had to be stopped prematurely on a weekly basis to allow cleaning and maintenance to be carried out. Although each belt featured both primary and secondary belt cleaners, significant carryback was experienced each week that the quarry team were required to clean. Furthermore, one of the conveyors is located above a road, so extra safety measures were required when cleaning in this area.

### INEFFECTIVE LOADING POINT SEALING

The quarry team were also required to clean around six wheelbarrows of spillage at the loading point, as part of the weekly clean. The rudimentary rubber skirt seal installed was not only ineffective, but also required replacing every two months due to excessive wear. This task was undertaken by the maintenance team and took around four hours to complete.

### MISTRACKING LED TO OPERATOR INTERVENTION

Largely due to the effect of off-centre loading, the belt would



mistrack by up to 100mm, exacerbating the poor performance of the sealing system. A 'homemade' solid steel roller was installed to try to mitigate the mistracking. Despite this, the maintenance team still spent two hours per month maintaining the steel roller to realign the belt, often disrupting production.

### The solution and improvement

The Maintenance Manager contacted our Bulk Materials Handling Division, looking for a continuous improvement plan for their belt conveyors. A service engineer visited site, and after scoping the belts, it was agreed that 3B would be upgraded with STARCLEAN® belt cleaners, a CenTrax tracking roller and SealTek sealing system, with 3A requiring STARCLEAN® belt cleaners.>



## **STARCLEAN® ELIMINATES PREMATURE SHUT DOWN**

Primary and secondary position STARCLEAN® units with tungsten carbide blades were installed on both belts. Two years on, carryback has reduced by 75%, eliminating the need for the premature shut down. Instead, the quarry team can now carry out cleaning as part of regular housekeeping when required.

## **SEALTEK REDUCES SPILLAGE BY ~275 WHEELBARROWS**

To help minimise spillage at the loading point, 2 x 5m runs of SealTek were installed. SealTek provides a far superior seal to the belt than traditional skirting rubber, so the six wheelbarrows of spillage previously reported each week has reduced to just one wheelbarrow every two weeks – eliminating around 275 wheelbarrows of waste since installation over two years ago.

Also, with SealTek, the quarry team simply adjust each sealing block individually to maintain this effective seal over the long term. Furthermore, none of the blocks have required

replacement, saving the maintenance team around 48 hours so far.

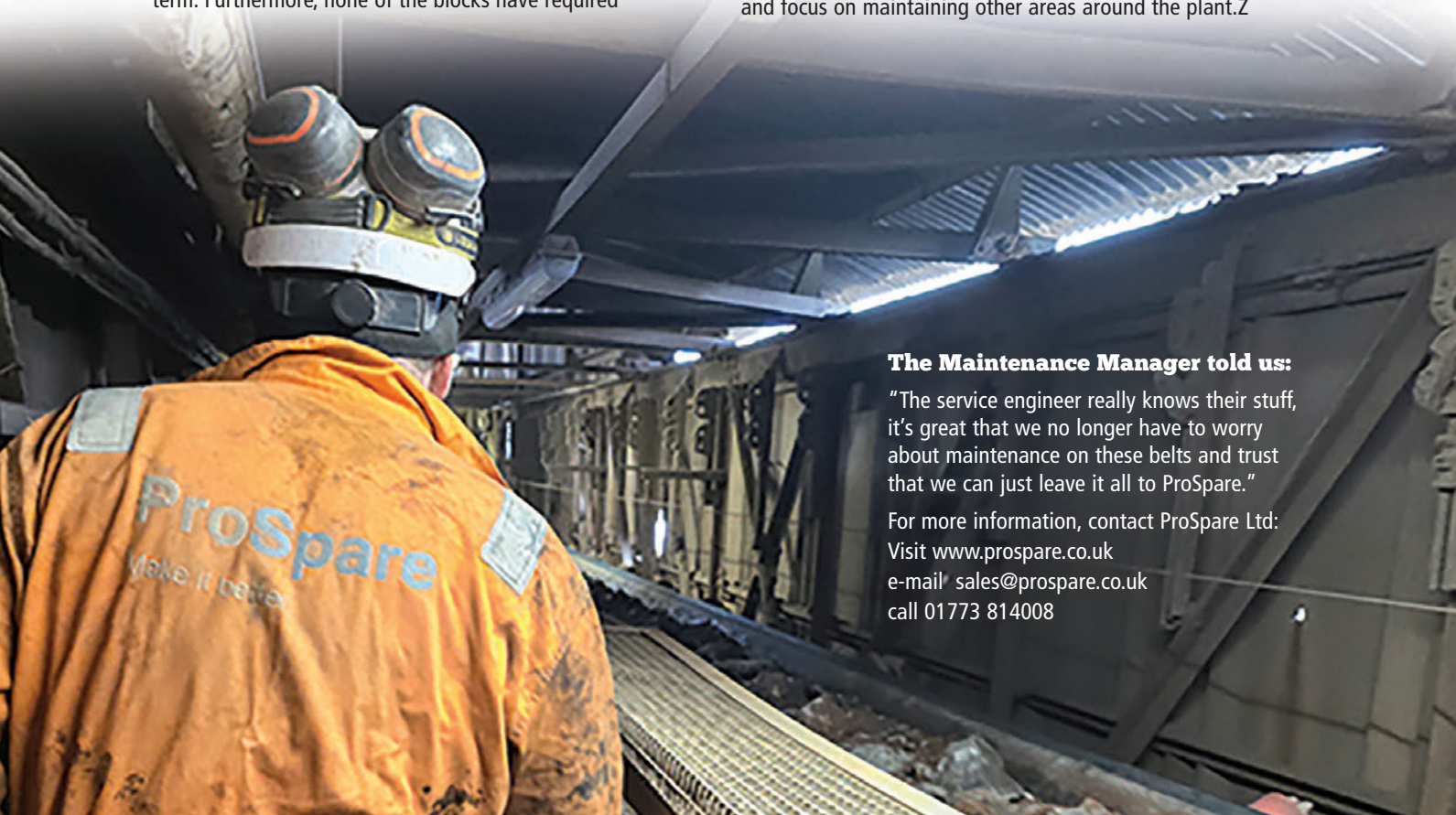
## **CENTRAX ELIMINATES OPERATOR INTERVENTION**



To rectify the mistracking problem, a CenTrax SKO 900 was installed on the return strand of the belt. Thanks to a unique swivel bearing, CenTrax is able to quickly and automatically correct belt misalignment. Since installation, over 10 months ago, the operator is no longer required to manually realign the belt. Consequently, the two hours of monthly maintenance to realign the belt has been eliminated, saving the team a further 20 hours.

## **SERVICE SCHEME REMOVES MAINTENANCE HEADACHES**

ProSpare have helped improve the performance of 18 other belts around both the quarry and cement plant so far. A bi-monthly service of the belts and equipment is carried out by a service engineer, so the customer can protect their investment and focus on maintaining other areas around the plant.Z



### **The Maintenance Manager told us:**

“The service engineer really knows their stuff, it’s great that we no longer have to worry about maintenance on these belts and trust that we can just leave it all to ProSpare.”

For more information, contact ProSpare Ltd:  
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# Liebherr at Hillhead 2026: Customer partnerships take centre stage

**For Liebherr Great Britain, Hillhead 2026 will be less about static display and more about demonstrating the strength of long-term customer partnerships and real-world performance across the quarrying sector.**

Representing the Liebherr Group across the UK and Ireland, the business provides sales, service and technical support for a broad construction equipment portfolio. From new machinery to rental and used solutions, supported by a nationwide aftersales network, the focus remains firmly on delivering reliability, uptime and long-term operational value.

## A stand built around real-world operations

This year's stand reflects that approach, bringing together a mix of stock machines and customer-owned equipment to highlight how Liebherr machines perform in active quarry environments.

Among the machines on display is a PR 736 Generation 8 crawler dozer from Sirius Group. The machine represents a return investment following the company's earlier purchases of TA 230 articulated dump trucks and a previous PR 736.

Stuart Kirk, Plant Director at Sirius Group commented:

"We've been really pleased with how the machines have performed for us. The fuel efficiency has made a noticeable difference on site, and that's given us the confidence to continue investing with Liebherr." The support we've had from the teams across the business has also been a big factor – it's been consistent and responsive, which makes a real difference day-to-day."



Sibelco's L 580 at King's Lynn Quarry

The PR 736 sits within Liebherr's Generation 8 dozer range, combining hydrostatic drive technology with consistent power delivery and strong fuel economy – key considerations for high-production quarrying applications.

Also featured is a new R 945 Generation 8 tracked excavator belonging to Thor Atkinson. A long-standing Liebherr customer, the company continues to invest across its fleet based on proven site performance and aftersales support.

Colin Scott of Thor Atkinson said:

"What stands out for us is the level of support behind the machines. It's not just about the excavator itself – it's the back-up, the parts availability and the relationship with the team that makes it work. That's why we've continued to invest."

## Cross-portfolio strength on display

Concrete technology is also represented, with Grange Quarry's new HTM 905 truck mixer on the stand.





MGL's R 966 at Glenfin Quarry



A long-standing Liebherr customer, Grange Quarry continues to invest across both concrete technology and earthmoving equipment, supported by its Liebherr batching plant, reflecting a joined-up approach to production and fleet management across its operations.

Stuart Dodd, Managing Director, commented:

"Working with Liebherr across both our concrete and quarrying operations gives us consistency in performance and support. It simplifies how we manage the fleet and ensures we're getting the most from our investment."

This ability to operate across multiple product areas – from earthmoving to concrete – remains a defining strength of the Liebherr offering, particularly for quarry operators seeking integrated solutions.



Sirius Group's TA 230 and PR 736 dozer at Brightwell Lakes

## Demonstrating lifecycle value

Alongside new and customer machines, Liebherr's used equipment division will showcase a fully refurbished PR 756 crawler dozer.

Having undergone a comprehensive rebuild, the machine demonstrates how equipment life can be extended through factory-backed refurbishment. For operators balancing cost pressures with performance requirements, such solutions offer a practical route to maintaining productivity without committing to new machine investment.

## Productivity and efficiency at scale

The stand is further supported by a range of machines designed for high-output quarrying environments.

The L 586 XPower wheel loader, supplied by Liebherr Rental, will represent the largest model in the XPower range. Configured for quarry applications, it combines hydrostatic and mechanical drive systems to optimise efficiency and fuel use, alongside a specification aligned with typical site safety and operational requirements.

Alongside it, the L 566 highlights how assistance systems – now standard across Liebherr wheel loaders from the L 526 upwards – are increasingly helping operators manage

MGL's R 966 at Glenfin Quarry



visibility, loading accuracy and site awareness. In high-pressure, repetitive tasks, these features support more consistent performance across shifts and operators.

Also on display is the TA 230 articulated dump truck, now firmly established within the UK market. With its 28-tonne payload, permanent traction control and strong all-round visibility from the cab, the machine continues to appeal to operators where site awareness and safety are key.

Commenting on its growing presence, Liebherr Great Britain's Business Development Manager for dump trucks and wheeled excavators, Richard Mills, said:

"The TA 230 has really found its place in the UK market. Operators appreciate the comfortable ride and how easy the machine is to operate day-to-day. It's proving to be a very dependable machine across a wide range of quarry applications."

## Looking beyond the quarry face

While quarrying remains the core focus, Liebherr is also using Hillhead to highlight developments in operator experience and machine control.

The A 911 wheeled excavator on display has been supplied to Gartell & Son Ltd, another long-standing customer with an established Liebherr fleet.

Andrew Gartell, Managing Director, commented:

"Fuel efficiency is a big factor for us across the fleet, and that's been a consistent strength of the Liebherr machines we've run. When you combine that with the reliability and support, it makes a strong case when we're looking at new investments."

The machine itself will showcase the latest INTUSI cab technology, featuring a redesigned operator environment with improved visibility and a more intuitive operating interface. With individually assignable functions and integration via the MIC 4.0 bus system, operators can manage a wide range of attachments efficiently from within the cab.

## A joined-up approach

Taken together, Liebherr's presence at Hillhead 2026 reflects a broader shift in approach – moving beyond individual machines to a more integrated, lifecycle-led offer.

By combining new equipment, rental support, refurbished machines and customer-owned assets, the stand mirrors how quarry fleets are increasingly managed in practice. Alongside this, Liebherr continues to work with finance partners to support a range of purchasing options, helping customers align investment decisions with operational requirements.

Framed around the principle of one partner, three routes to the right machine – new, used or rental, the approach underlines a simple point: flexibility in how equipment is sourced is becoming just as important as performance on site.

# Bobcat to show new T650 Track Loader and Next Generation Mini Excavators for the first time at Hillhead 2026

**The first showing of the new T650 compact track loader in the UK and the first appearance at the show of the new generation R2-Series 1-2 tonne mini excavators are two of the highlights of the Bobcat Stand Number CE16 at Hillhead 2026 in Buxton, Derbyshire from 23-25 June. The T650 will be part of the static display on the Bobcat stand and the new mini excavators will be put through their paces in the demonstration area.**

## **The New T650 - Enhancing a Market Leader in the UK Loader Market**

Bobcat is expanding its portfolio with the new T650 Stage V compact track loader, engineered for highly regulated markets across Europe including the UK and other Stage V regions. Built at the Bobcat plant in the Czech Republic, the T650 combines the proven performance of this 600-frame M-Series loader with full Stage V emissions compliance – without the need for AdBlue. Powered by a reliable 2.4-litre Bobcat engine delivering 55 kW (74 HP), the machine offers strong, efficient performance for demanding applications.

Despite its compact footprint, the new T650 delivers impressive work capacity with a vertical lift path and 1192 kg rated operating capacity, making it ideal for truck loading, pallet handling and earthmoving in confined or sensitive job sites.

Designed for durability and uptime, the T650 features a robust steel frame, efficient cooling, broad attachment compatibility with the proprietary Bob-Tach™ mounting system, optional High-Flow hydraulics and standard Machine IQ telematics for smarter fleet management. Operator comfort and precise control complete the package, making the T650 a versatile, dependable solution for year-round work.





The T650 is also an excellent tool carrier, making use of customers' existing Bobcat attachments with unrestricted compatibility. Thanks to the forward cab position and fully transparent door, operators always have a full and direct view of the attachment and the job site. And with the powerful LED working lights, they will continue to be productive even in low-light conditions.

Katinka Kincses, Bobcat Product Manager for loaders, commented: "The compact track loader sector is very important in the UK with the high demand for road maintenance and repair, infrastructure construction or the laying of fibre optic networks. Bobcat is very well positioned thanks to its range of models, including the new version of the T650."

### **New SmartFlow Hydraulic System for Maximum Productivity**

The groundbreaking R2-Series 1-2 tonne mini excavators comprise the E16, E17z, E19 and E20z models. They offer a

fresh look, signifying new levels of performance and features, including a high-performance SmartFlow load-sensing hydraulic system with a closed-centre, flow-sharing pump powered by an upgraded engine, providing a sophisticated engineering set up that is unique in smaller machines like these. This combination essentially provides the power on demand seen in larger excavators, ensuring continuously available power that improves precision and efficiency.



The new mini excavators always offer the required flow, utilising the minimum energy needed, ensuring the minimum of power is expended, allowing the operator to always work hard with the excavator, but at the same time save fuel. This results in a lowering of fuel consumption of up to 18% coupled with a noise reduction of 4 dBA (compared to the previous generation

machines). Like in larger machines, the new hydraulic system allows the operator to smoothly carry out multiple functions simultaneously in the new 1-2 t mini excavators. So even when working with equipment that requires a lot of hydraulic power, such as a flail mower on a quick coupler running at full speed, the operator can drive, slew and lift smoothly at the same time.

Replacing the E17, the new E16 is a 100 kg lighter machine with an operating weight of 1612 kg. Due to its compact weight, the E16 complies with critical transport limits, allowing it to be easily transported using vans and trailers across the UK. Similar to the E17, the compact dimensions of the new E16 make it ideal for operating in confined spaces. The E17z is a Zero Housing Swing (ZHS) mini excavator. The E17z, with an operating weight of 1712 kg, is optimized for transport/operation in confined areas in historic towns and urban environments.

In common with the E16, the new E19 is a conventional model and has an operating weight of 1905 kg. It is an ideal machine for customers looking for maximum performance in a compact machine. The new E19 offers a unique combination of superior lift capacity and class-leading digging performance, all while maintaining a machine mass below 2 tonne. The new E20z, a unique and popular model in the UK, has an operating weight of 1980 kg. As a ZHS excavator, it provides 320° of free rotation when working close to structures, without compromising operator comfort or performance. It features a full-size cab, which is a true differentiator in its category as the standard market offering is a canopy-only option.



# Take this tip from Ulrich

Ulrich Attachments' line-up for Hillhead 2026 announced.



**Hillhead 2026 will see leading UK plant attachment manufacturer Ulrich Attachments unveil an exciting brand-new product launch in partnership with a leading European supplier.**

The innovative concept will introduce a new attachment solution for the forestry, construction, waste and agricultural industries, and includes MD3.0 and MD6.0 modular models and a hydraulic sweeper attachment for loaders that is fitted with an additional tank.



Ulrich's line-up of products at Hillhead 2026 also includes the High Tip buckets it is particularly renowned for. The company's stand (W18) at the show will major on two High Tip buckets - the 7m<sup>3</sup> High Tip and 4.5m<sup>3</sup> High Tip clamp buckets.

Also known within the industry as Toe Tip, Tip Toe, Hy-Tip and High Discharge buckets, Ulrich can produce a specification to suit any application including waste, glass, gypsum, grain, silage and many other materials.



Their standard specification is manufactured from high tensile steel with 450/560 Brinell Hardness steel wearing parts but Ulrich also produces full heavy-duty versions of the High Tip bucket range for specific applications and materials. The heavy-duty buckets are manufactured from 1250N/mm<sup>2</sup> tensile, 1000N/mm<sup>2</sup> yield steel.

Designed to last within the harshest environments, the Ulrich High Tip bucket offering starts from a 0.7m<sup>3</sup> up to a 14m<sup>3</sup> capacity bucket. These can be produced to suit both fitting options, including direct or quick coupler mounted, and they come with up to five years' warranty.

At Hillhead 2026, the High Tips will be complemented by a 4.2m<sup>3</sup> heavy-duty rehandling bucket with plastic lining, 7-tonne pallet forks, and a hydraulic quick coupler.



# Western Bio-Energy clean woodchip with an ElectroMax Overband Magnet

**Bunting Magnetics has supplied a powerful ElectroMax Overband Magnet to Western Bio-Energy to remove problematic ferrous metal from woodchip. The air-cooled electromagnetic Overband Magnet is removing a wide range of small and larger sized tramp metal.**



Figure 1 - ElectroMax Overband Magnet in situ on site

Bunting Magnetics is one of the world’s leading designers and manufacturers of magnetic separators, eddy current separators, metal detectors and electrostatic separators, with globally located manufacturing facilities.

Western Bio-Energy Ltd operates a sustainably resourced 15.8MWh Biomass Power Plant exporting electricity to the grid and is based in Margam, South Wales, UK. Established in 2007, the company generates power using different sources of wood. This includes brash chip (e.g. foliage), whole tree chip (complete with the canopy), RCF chip (e.g. pallets and clean recycling wood), and virgin wood chip from just the tree log.

The nature of the material and process of supply means that all sources of wood are potentially contaminated with a varying degree of ferrous metal contamination. Such metal can damage shredders, conveyors and other process plant, as well as present a fire safety issue.



Figure 2 - EMAX140 Overband Magnet over the 1.2-metre-wide conveyor

After an on-site review, Bunting Magnetics supplied a model EMAX140 Electromagnetic Overband Magnet. The Overband Magnet sites inline over the head pulley of a 1.2-metre-wide conveyor handling an average of 22 tonnes per hour of wood chip.

In operation, the wood chip is conveyed into the magnetic field of the Overband Magnet, where any magnetically susceptible metal is attracted by the strong magnetic field and lifted out of the wood chip and onto a self-cleaning belt before being automatically transferred and deposited into a waste collection area. The inline position of the Overband Magnet has the self-cleaning belt running in the same direction as the conveyor, but at a higher speed. As the wood chip flows over the conveyor’s head pulley, the burden breaks enabling easier capture of smaller magnetics such as nails and screws.

The ElectroMax Overband Magnet is fitted with a lightweight and robust armoured belt to extend belt life. The armouring on the rubber belt is comprised of high-density polyethylene (HDPE) slats. Each slat is 100mm wide and 10mm thick, with a length to suit the model of Overband Magnet. The slats are fastened to the belt using special 304 stainless steel elevator bucket bolts and Nyloc nuts.

Once separated from the conveyed wood chip, ferrous metal falls into a waste collection area which contains a wide range of small and large tramp metal including wire, large bolts, flanges, and tools.



Figure 3 - Separated tramp ferrous metal

“The high-level separation performance of the EMAX Overband Magnet has eliminating concerns about tramp metal contamination at West Bio-Energy,” explained Ben Clemett, Bunting’s Area Sales Manager.



## Building Safer, Smarter Quarries with Precast Concrete Solutions



**Quarrying remains one of the most demanding sectors within construction and materials handling, where operational efficiency must be balanced with rigorous safety standards.**

From heavy vehicle movements to constantly shifting site layouts, operators face a unique set of challenges, many of which stem from the ground up, says Owen Batham, Sales and Marketing Director at Elite Precast Concrete

With a background in quarrying and extensive knowledge of the industry Owen believes that one of the most pressing concerns is site safety.

With large machinery, stockpiles, and high traffic volumes, the need to clearly define working zones and protect personnel is critical. Traditional or temporary measures can fall short in such environments, particularly when exposed to constant wear.

Increasingly, operators are turning to precast concrete barriers and interlocking systems to create robust segregation between vehicles, materials, and workforce areas, which are all helping reduce risk and improve compliance.

Ground stability is another key issue. Uneven terrain combined with the weight of plant and stored materials can lead to surface degradation and operational inefficiencies.

Purpose-built precast concrete storage bay solutions offer a reliable alternative, providing stable support both equipment and infrastructure, while reducing the likelihood of movement or failure.

Durability also plays a major role. Quarry environments are inherently abrasive, with dust, impact, and extreme weather accelerating the deterioration of many traditional materials. High-strength precast concrete products are specifically engineered to withstand these conditions, offering long service life with minimal maintenance, an important factor in controlling operational costs, says Owen.

Flexibility is equally important. Quarry layouts evolve regularly as extraction progresses, requiring infrastructure that can adapt without significant downtime.



Modular precast systems can be quickly repositioned or expanded, allowing operators to respond to changing site demands efficiently.

Ultimately, cost control and productivity underpin every decision. Solutions that reduce installation time, minimise maintenance, and offer reusability are becoming increasingly valuable.

For manufacturers such as Elite Precast Concrete, the focus is on delivering products that meet these real-world demands, combining strength, speed, and adaptability with products that are available from stock and can be delivered within days of purchase.

Owen concludes by saying "we work alongside companies, like RSG Structures, who can offer a full package of works that includes supply, design and installation, to make life easier for quarry operators, so as the sector continues to prioritise safety and efficiency, precast concrete interlocking blocks are proving to be a practical, forward-thinking solution for modern quarry operations."

To find out more visit [www.eliteprecast.co.uk](http://www.eliteprecast.co.uk) or call Owen on 01952 588885

## Kaizen Recycling Limited appointed official UK & Ireland partner for WeSort.AI

**Kaizen Recycling Limited and WeSort.AI are pleased to announce a partnership appointing Kaizen Recycling Limited as the official partner for WeSort.AI across the United Kingdom and Ireland. The partnership was officially sealed at IFAT 2026 in Munich, marking a significant expansion of WeSort.AI's AI-driven sorting and safety solutions into the British and Irish markets.**

Kaizen Recycling Limited brings experience in waste processing optimisation and technology deployment across the UK and Ireland. Working closely with operators, integrators and plant owners, Kaizen supports the introduction of advanced solutions that improve safety, operational resilience and plant performance.

WeSort.AI provides AI-powered object recognition technologies using deep learning, advanced segmentation and X-ray analysis for the recycling sector. With systems already deployed by major industry operators such as Korn Recycling in Germany and PreZero International in Austria, WeSort.AI has proven its value in real-world recycling environments.

Among its portfolio, the most significant innovation addressing current market challenges is X.Sort.

### **X.Sort - fire prevention instead of fire detection or suppression**

Lithium-ion batteries are increasingly present in mixed waste and recyclable material streams. Across the UK and Ireland, battery-related fires are one of the fastest-growing causes of incidents in waste and recycling facilities. When batteries enter shredding or screening, the risk of puncture and thermal events rises sharply—putting people, infrastructure, insurance coverage and plant uptime at serious risk.

X.Sort addresses this challenge at source. Installed at the front end of a waste processing plant the system uses X-ray scanning combined with AI recognition to identify and eject lithium-ion batteries and other hazardous elements from the material flow, even through layers of material up to 50 cm thick.

Unlike fire detection or suppression systems that respond after ignition, X.Sort prevents incidents before they occur by physically removing batteries before they can cause damage. In doing so, it acts as a protective barrier for the entire downstream process.

### **What this means for UK & Ireland operators**

X.Sort is designed to help operators:

- Significantly reduce the likelihood of battery-triggered fires by acting upstream
- Protect critical plant assets and infrastructure
- Reduce unplanned downtime and improve business continuity
- Increase operational confidence when processing increasingly battery-contaminated inputs
- Support compliance, insurance discussions and long-term operational resilience



From left to right: Daniel Hayn (Head of Sales & Marketing at WeSort.AI), Nathanael Laier (CEO & Co-Founder of WeSort.AI), Richard Mawson (Director of Kaizen Recycling Limited), Johannes Laier (Co-Founder & CFO of WeSort.AI) and Duncan Bowett (Managing Director of Kaizen Recycling Limited) (Source: WeSort.AI GmbH)

“Battery fires are one of the most serious and disruptive risks facing our industry. X.Sort is a genuine gamechanger because it targets the issue early—protecting people, plant and productivity. We’re proud to bring this technology to the UK and Ireland with WeSort.AI”, said Richard Mawson, Director, Kaizen Recycling Limited.

Daniel Hayn, Head of Sales & Marketing, WeSort.AI, added: “The UK and Ireland represent a highly dynamic and forward-thinking recycling market. Partnering with Kaizen Recycling Limited allows us to combine advanced AI technology with strong local expertise, ensuring X.Sort delivers maximum impact for operators on the ground.”

Alongside X.Sort, the Vision.Sort system rounds off the portfolio for recycling operations. Utilizing AI-powered pattern recognition helps to separate valuable materials precisely where needed.

### **Partner support**

As WeSort.AI’s official partner for the UK and Ireland, Kaizen Recycling Limited will provide:

- Application assessments to identify best-fit installation points and relevant waste streams
- Project coordination and implementation support
- Local commercial support, training and ongoing customer care

# Turn Recycling Challenges into Profitable Opportunities



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## Smart sorting plants: how STADLERconnect is driving the digital transformation of recycling

**For recycling companies, running a sorting plant is becoming increasingly challenging. Waste streams are becoming more complex, operational costs are rising, and recyclers demand consistently high-quality recycled materials. At the same time, even small inefficiencies, such as unplanned downtime or suboptimal material flows, can have a significant impact on plant performance and profitability.**



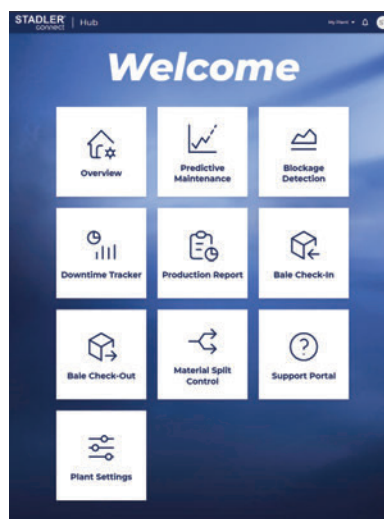
To address these challenges, recyclers are increasingly complementing mechanical solutions with digital technologies that provide greater transparency and control over plant operations. Platforms like STADLERconnect represent a new generation of tools designed to make sorting plants more data-driven, efficient and resilient.

Developed entirely in-house by STADLER, a leading international plant integrator with decades of experience designing and integrating recycling facilities, STADLERconnect is built around the real challenges recyclers face every day. Unlike generic monitoring system, STADLERconnect focuses directly on plant processes, helping operators leverage AI-driven analysis of machine and material data to turn operational information into actionable insights.



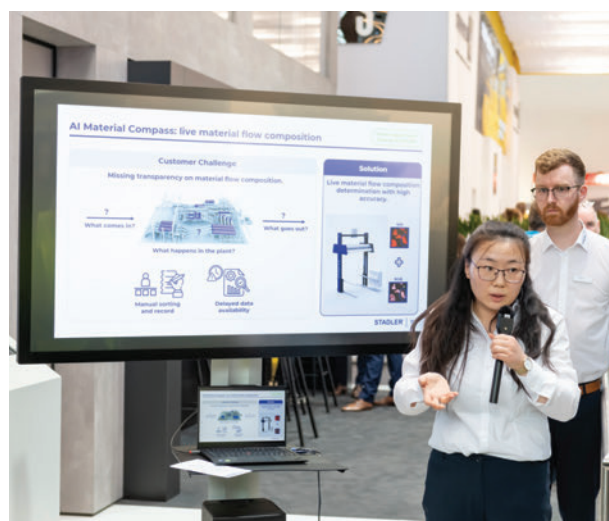
For recyclers, one of the most immediate benefits of STADLERconnect is greater visibility into plant performance. By collecting and analysing operational data, STADLERconnect provides plant operators and managers with a clear overview of their facility's performance - allowing them to identify inefficiencies, track production and optimise material flows.

This transparency becomes particularly valuable when managing complex sorting lines that handle diverse waste streams. By monitoring both machine performance and material quality, STADLERconnect enables recyclers to respond quickly to changes in input composition while maintaining stable output quality - an increasingly important factor for meeting market demands.



Another important feature of STADLERconnect is predictive maintenance. Sensors installed on plant equipment detect early signs of wear or abnormal behaviour, enabling operators to address potential issues before they lead to breakdowns and costly downtime.

For recycling companies operating plants at high capacity, avoiding unexpected stoppages is critical. By supporting proactive maintenance planning, STADLERconnect helps improve equipment availability while reducing maintenance costs.



The platform also allows recyclers to monitor several facilities through a single interface, providing a centralised overview of operations and enabling data-driven optimisation across multiple plants.

Ultimately, STADLER demonstrates how combining its plant engineering expertise with AI-powered digital solutions helps recyclers unlock greater value from their operations. By improving transparency, preventing downtime and supporting better decision-making, STADLERconnect transforms operational data into measurable improvements in plant performance.

As the recycling industry continues to evolve, the ability to transform operational data into real improvements will increasingly define the most successful plants

# STADLER<sup>®</sup> connect



## AI-Powered Solutions, Driven by Integration Expertise

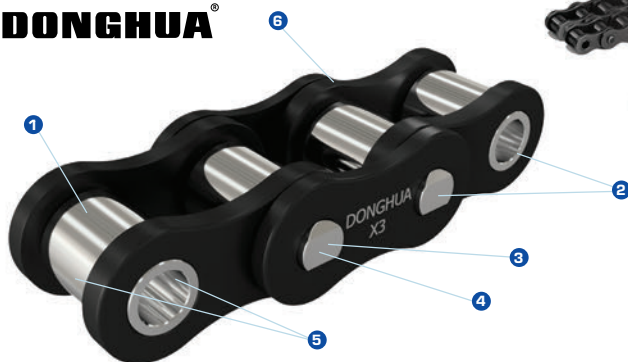
STADLERconnect is STADLER's fully in-house developed digital platform – created by a market-leading plant builder with decades of hands-on sorting plant experience.

Designed to solve real operational challenges, it integrates plant processes to boost efficiency, improve quality, and reduce downtime.

STADLERconnect: Turn every piece of data into an opportunity.

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## Holcim UK supplies 35,000 tonnes of aggregates to Luton Airport runway resurfacing

**Holcim UK, a leading supplier of sustainable building materials, has successfully delivered 35,000 tonnes of high-quality aggregates for the resurfacing of the main runway at London Luton Airport.**

Working in partnership with specialist contractor Lagan Aviation & Infrastructure, Holcim supplied approximately 28,000 tonnes in aggregates from its Bardon Hill quarry in Leicestershire and a further 7,000 tonnes from its Garside Sands Aggregate Plant in Leighton Buzzard to accommodate this large-scale, time-sensitive project.

Lagan Aviation used the aggregates delivered by Holcim to produce specially engineered Marshall asphalt, which it then applied to the runway for creating the new surfacing.

The planings removed from the old runway surface were transported to Holcim's Aggregate Plant in Croft, to be recycled and used in its circular asphalt products. As part of its commitment to circularity within the construction industry, Holcim recycles construction demolition materials (CDM) for reuse in new sustainable products, thereby maximising resources, minimising waste, and reducing carbon emissions.

The £18 million runway resurfacing programme, which began in November 2025 and was completed in March of this year, marks the first full renewal of the 1.3-mile runway since 2006. Under UK aviation safety requirements, major runways typically require resurfacing every 20 years to remain compliant and safe for aircraft operations.

Because London Luton Airport operates around the clock, the construction team worked within a nightly window of only five hours and 44 minutes before the runway was returned to service for the first departures of the morning. This limited access required meticulous planning, precise execution and consistent supply reliability.

Each night, approximately 15 centimetres of the existing surface was removed and replaced with a new high-performance asphalt layer engineered to withstand heavy aircraft loads and varying weather conditions throughout the year.

Holcim has previously worked with Lagan Aviation, having supplied materials from its Bardon Hill site to several other major runway resurfacing projects across the UK, including at London Stansted Airport and RAF Wittering.

Gareth Pugh, Director of Aggregates for the Midlands Region at Holcim UK, said: "This project is a powerful example of how our sector-focused approach is delivering real results.

"Supplying the materials on a just-in-time basis, we've supported Lagan's tight project schedules while minimising risk. Our approach has also halved CO<sub>2</sub> emissions through smarter haulage and kept old planings in use, contributing to a more circular construction process.

"Both our Bardon Hill and Leighton Buzzard sites have been outstanding throughout, and this success shows exactly what our teams and partners can achieve collaboratively"

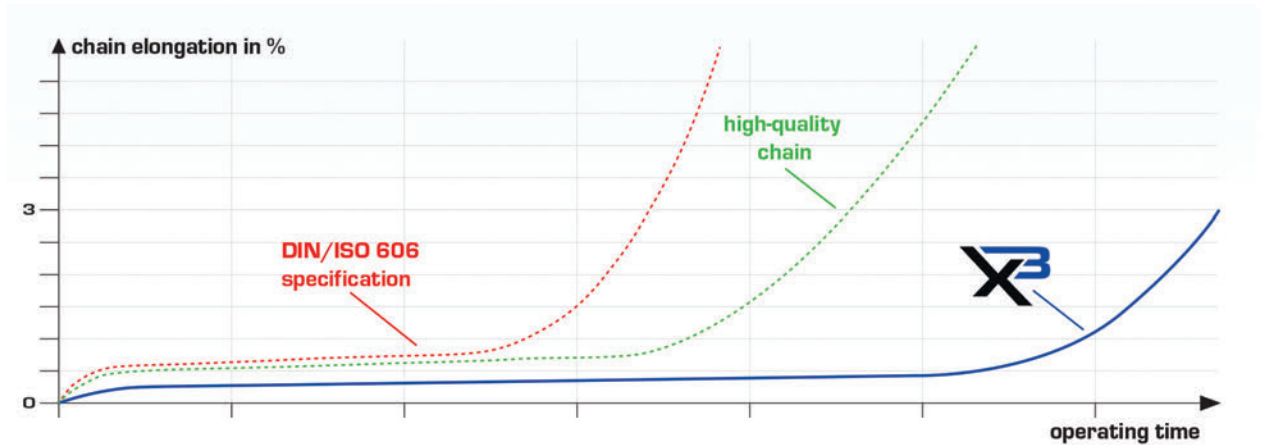
Brandi Davey, Project Manager at Lagan Aviation & Infrastructure, said: "Holcim had a clear understanding of our project goals, and worked with the Lagan team to meet our tight deadlines.

"Challenging weather brought change, which Holcim was able to react to in a positive way. The reuse of planings, and using the same vehicles for delivering aggregates, reduced the number of vehicles travelling in and out of the local community.

"The quality of the service, and the products used for the asphalt, remained high throughout the project, enabling us to finish on time."



# Donghua's X3 Roller Chain Redefines Industrial Reliability



**When a chain fails mid-operation in a sawmill, mining, or quarry plant, the consequences go far beyond a broken link, resulting in unplanned downtime and disruption. Donghua's X3 Roller Chain was engineered with precisely these scenarios in mind.**

Traditional roller chains have long been the work horses of industrial drives, but they can suffer from gradual wear, fatigue under cyclic loading, and the need for careful running-in after installation. Donghua's X3 chain, part of its premium range, solves these problems, delivering a chain that claims to offer three times the performance of standard roller chain.

**Key chain features:**

Optimised plate geometry increases fatigue resistance.

Calibrated pins and bushings – manufactured to higher tolerances than standard – minimise play, improving load distribution and reducing wear that shortens chain life.

High press-fit pins provide a solid assembly, reducing movement between components under load.

A specialist heat treatment and pin coating combination resists surface wear, minimises friction, and maintains performance integrity under shock-loads – a critical feature in mining and quarrying applications.

Every X3 chain is also pre-lubricated and pre-loaded, meaning it is ready to install straight from the box, eliminating the initial run-in wear period that can significantly shorten the service life of a standard roller chain.

Available in simplex, duplex and triplex, the X3 chain is stocked at Donghua's 25,000 sq ft warehouse in the West Midlands, supporting rapid delivery across the UK and Ireland.

The X3 sets a new benchmark for industries where chain failure is not an option.

For more information about Donghua's X3 Roller Chain, visit: <https://www.donghua.co.uk/x3-chain/>



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**RECYCLING** - Open topics for this issue.

**BULK HANDLING** - Open topics for this issue.

Editorial copy deadline - 17th July 2026 Advert copy deadline - 24th July 2026



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## Advertisers Index

ASTEC	6 & 47	PARNABY	54
AXON	73	PLANT PARTS	34
BRIMONN	64	POWERX	32
BUNTING	69	PROSPARE	64
CDE	20	RAPID	70
CERTORA	67	RECYCLING PLANT & MACHINERY	60
CLIFTON RUBBER	87	SANDVIK	58
DEVELON	Inside Front Cover	SAWARD	59
DONGHUA	84	SBM	16
DOYLE	82	SMILEY MONROE	36
DUO	22	SPRINGMASTERS	87
EDGE	70	STADLER	84
ELITE	9	TECHNIDRIVE	66
ERIEZ	28	TEMA ISENMANN	39
HARPSCREEN	50	TRIANGLE	46
HILLVIEW PLANT	87	TEREX WASHING SYSTEMS	18
KOMPTECH	63	TYRONE	57
LIEBHERR	Front Cover	ULRICH	12
MARTIN ENG	44	VEGA	40
MB	30	WIRTGEN/KLEEMAN	25
MCLANAHAN	52		
MOLSON	Back Cover		



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