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SCREENING FEATURE
+ CONEXPO -
CON/AGG PREVIEW

Global News & Information on the Quarrying,
Recycling & Bulk Materials Handling Industries

January/February 2026 | Issue 96



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Welcome to issue 96

Welcome to our first edition of 2026 - issue 96.

In this first issue of the New Year 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 spotlight on **Aggregate Crushing & Screening and the forthcoming Conexpo-Con/Agg exhibition.**

This year the Hub-4 magazine will have extra circulation in the July/August issue for extra exhibition distribution at the RWM.

Onwards into 2026:

If you're starting to look at marketing in 2026 our new 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 second edition of 2026 will focus on **Aggregate Washing & Screening**, I welcome any editorial contributions for this issue.

John Edwards
Editor

March | April



AGGREGATE WASHING & SCREENING REVIEW – Current projects static & mobile washing, hoppers, conveyors, cyclones, pumps, trommels, log washers, filter press, plate press, flocculants, scrubbers, separators, lignite plant, dewaterers, classifiers, belt weighing, contract washing.

PUMPS - Centrifugal Slurry, Sludge, Submersible, Site Dewatering & Site Water Management.

SCOTPLANT EXHIBITION PREVIEW



RECYCLING - Open topics for this issue.

BULK HANDLING - Open topics for this issue.

Editorial copy deadline – 17th March 2026
Advert copy deadline – 24th March 2026



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Improving Screening at New Milton Sand and Ballast



In an industry where uptime, reliability and precise material sizing are essential to operational success, screening equipment plays a critical role in aggregate production. For established UK producer New Milton Sand and Ballast, finding a screening solution that not only matched the performance of their legacy equipment, but improved on it, became a priority when an ageing primary rinsing screen reached the end of its serviceable life.



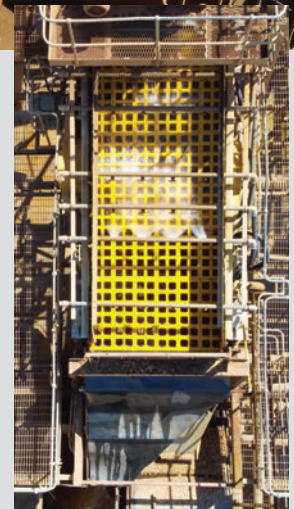
The Challenge: A Seamless Screen Upgrade Without Plant Overhaul

New Milton Sand and Ballast is a family-owned aggregate producer with multiple quarries, concrete plants, depots and recycling operations across the south of England. As part of their continuous drive to process quality sands and aggregates for concrete and construction markets, they needed to replace an existing rinsing screen at their Christchurch quarry. Luckily, the existing plant framework and supporting machinery were still in good condition, this ruling out the need for a complete plant redesign.

While researching replacement options, New Milton Sand and Ballast engaged with the McLanahan team and were invited by the OEM to inspect a similar inclined screen successfully operating on the Isle of Wight for more than two decades. Feedback from that visit, including reports of sustained performance and McLanahan's responsive support, gave New Milton Sand and Ballast the confidence to pursue a tailored solution.

The Solution: Bespoke Inclined Screen Designed for Performance and Access

McLanahan engineers worked closely with New Milton Sand and Ballast to design a bespoke 1.8m x 5m double-deck



inclined screen that would fit precisely into the existing plant configuration and address the shortcomings of the old unit. Inclined screens use a circular vibratory motion and angled deck to separate material by size and are widely used throughout aggregate processing to classify material prior to stockpiling or further processing. They can be adjusted in slope, speed and stroke to optimise performance for specific materials.

Several key improvements were incorporated into the new design:

- Increased deck clearance to make removal and replacement of screen media faster and safer during routine maintenance.
- Optimised discharge lips and vibration profile to reduce mechanical shock at startup and shutdown, preventing structural stress and vibration damage previously observed.
- Adjusted panel apertures on the bottom deck to even out wear patterns when handling sand slurry mixes.
- Larger spray nozzle apertures to reduce the risk of clogging from grit and organic matter in recycled water used for rinsing.

"The screen is a screen. It does its thing," Mr. Drayton said, "however, I think the process that we had dealing with McLanahan from the inquiry through to getting the plans through, they came down and sat with us, made sure we were happy with the whole design, that we were kept up to date constantly with the whole process. It's been a seamless installation."

Why Screening Matters in Aggregate Operations

Effective screening underpins the production of consistent, saleable aggregates. Inclined screens, with adjustable vibration and multiple decks, help producers separate material into market-ready sizes while protecting downstream equipment from over-fines and errant oversize. They also play a role in reducing wear on crushers and improving overall



- Enhanced maintenance access to the drive system, improved spray bar protection, and extended bearing life were all tailored to New Milton Sand and Ballast's operational preferences and feed conditions.

Throughout the project, New Milton Sand and Ballast's production team was fully engaged in the design process. This collaboration not only ensured the final solution met technical needs, it also reduced downtime during installation. "It seemed very seamless the way they came in and they retrofitted this new screen for us ... and it's chugging away quite happily," commented Production Director of New Milton Sand and Ballast Paul Drayton.

Delivering Results: Performance and Partnership

While improvements in screening performance and maintenance efficiency were important outcomes, the most significant impact noted by New Milton Sand and Ballast was the quality of the working relationship with McLanahan, from initial inquiry, through design iterations, to post-installation support. Ongoing contact and check-ins reinforced confidence in the solution, with Drayton noting that McLanahan's involvement did not end with delivery.

plant efficiency by ensuring feed material is correctly classified before further processing.



For producers such as New Milton Sand & Ballast, which must balance production targets with quality control and maintenance efficiencies, a well-engineered screening solution is more than just a tool, it's a long-term investment. Customisation, thoughtful design and responsive service are what distinguish solutions that merely work from those that enhance entire operations.



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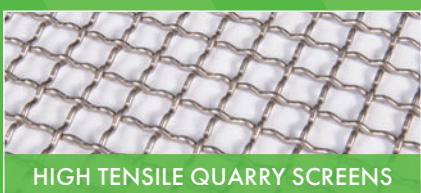
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Molson Green appointed UK Eggersmann dealer

Molson Green has confirmed its appointment as dealer for the Eggersmann GmbH Recycling Equipment product range. By bringing together sector machine experts and a specialist, innovative equipment manufacturer, this partnership seeks to meet the exact needs of UK waste, composting and recycling businesses.

For UK waste, composting and recycling companies to stay competitive and adapt to fast-paced waste stream changes, machine technologies need to evolve quickly. By partnering with a European leader in this sector that has a strong heritage and focus on innovation, Molson Green is developing a range which can offer versatile solutions to match this pace of change.

With a well-established presence across Europe, German manufacturer Eggersmann Recycling Technology (part of the Eggersmann Group) specialises in developing top-tier mobile machines and plant equipment for the waste, composting, and recycling sectors.

The Eggersmann equipment range suits the needs of all sized UK businesses. Larger operations can benefit from high throughput shredders like the TEUTON Z 50 and Z 60, as well as star screens, trommel screens and the full range of BACKHUS windrow turners. While value-focused businesses with lower throughput demands can benefit from compact shredders such as the FORUS F 25 and IMPAKTOR 250.

The Eggersmann portfolio also includes the FORUS F 38, a twin shaft primary shredder. It gives businesses more control over their fuel costs and product quality. With a built-in screen basket system and quick-change after breaker bars, operators can easily adjust their piece size to meet output requirements.

The machines will also be backed by Molson Group's extensive service network of close to 100 mobile service engineers. With the dealer already making a significant investment in spare parts stock, customers can purchase with complete peace of mind.

Karlgünter Eggersmann, CEO for Eggersmann Recycling Technologies, said, "To reinforce our brand, we needed a top-tier national UK dealer that had proven its ability to deliver growth in the sector. With unrivalled aftersales backup and unique business intelligence technologies, we are very excited to deliver the next chapter for Eggersmann in the UK."

As a business supported by the powerful software dealerCMD platform, the Molson team can anticipate market trends by utilising data insights. This provides partners like Eggersmann with the feedback they need to shape product development



and their production goals. The platform also gives businesses the insights they need to predict the market, make efficiencies and deliver on customer promises.

Robin Powell, CEO for Molson Group, said, "The Eggersmann team is constantly listening to customers and integrating this feedback into product development. Plus, they're ambitious to grow. Their equipment also compliments that of other leading manufacturers in offering solutions to this sector, such as Sennebogen, and means we can provide comprehensive end-to-end solutions.

We are looking forward to our shared journey to establish the brand as a market leader in the waste and recycling sectors in the UK."

The Eggersmann GmbH is the division for the mobile recycling machines of the Eggersmann Group. It is responsible for the production and distribution of the BACKHUS windrow turners, the TEUTON single shaft and FORUS twin shaft shredders as well as the TERRA SELECT trommel screen and STAR SELECT star screen machines. In addition, the AIRFIX wind sifters are also part of the product range.

Within the Eggersmann Group, the Eggersmann mobile machines, the Eggersmann Anlagenbau, BRT HARTNER and BEKON together form the Eggersmann Recycling Technology. In addition to mobile machines, they also offer processes for mechanical and biological treatment, for the production of biogas and substitute fuels as well as the entire plant engineering including stationary system technology.

<https://www.eggersmann-recyclingtechnology.com/en/>



Edge Innovate to unveil latest innovations at Conexpo-Con/Agg 2026

“Get Your EDGE” with Next-Generation Screening and Shredding Solutions

EDGE Innovate will once again use CONEXPO-CON/AGG 2026 as the global launch platform for its latest material processing innovations, reinforcing its “Get Your EDGE” message and showcasing equipment engineered to deliver higher productivity, lower operating costs, and long-term reliability. Exhibiting in the Silver Lot, EDGE Innovate will introduce the new VS750s high-capacity waste shredder, alongside the SCREENPRO S16, now available to the North American market.

Making its first public appearance at CONEXPO 2026, the EDGE VS750s represents a significant advancement in slow-speed, high-torque shredding technology. Purpose-built for large-scale recycling and waste processing applications, the VS750s is engineered to process high volumes of difficult waste streams while maintaining exceptional control, efficiency, and durability.

Weighing an impressive 53 tonnes (59.3 US tons), the VS750s is one of the largest and most powerful shredders available on the market, clearly reflecting its high-capacity design and production capability. The machine is powered by a Caterpillar C18 Tier 4 Final / Stage V engine, delivering the torque and resilience required to sustain demanding, high-throughput operations in the most challenging environments. To meet varying operational and sustainability requirements, the VS750s is available in both direct drive and electric hybrid power source configurations, offering customers greater flexibility, improved fuel efficiency, and reduced emissions.

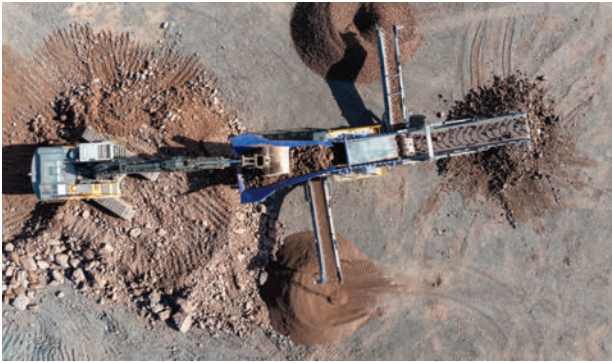


At the core of the VS750s is a heavy-duty twin-shaft shredding chamber designed to deliver high torque at low operating speeds. This configuration enables the efficient processing of materials such as municipal solid waste, construction and demolition waste, green waste, industrial waste, wood, and biomass, while producing a

consistent output size suitable for downstream processing. Intelligent load management continuously regulates shaft speed and torque to protect the drivetrain, reduce wear, and maximise uptime, even when processing highly variable material streams.

Built with durability and serviceability in mind, the VS750s features robust construction, excellent component access, and simplified maintenance points, reducing downtime and lowering total cost of ownership. Operator-friendly controls and a strong emphasis on safety further enhance ease of operation, making the VS750s a dependable solution for high-volume waste and recycling facilities.





SCREENPRO S16 - High-Performance Scalping Screen Now Available in North America

Following the VS750s reveal, EDGE Innovate will also showcase the SCREENPRO S16, now officially available to customers across North America. The SCREENPRO S16 is the latest addition to the SCREENPRO range, offering a more compact screening solution that builds on the proven success of the larger SCREENPRO S18, without compromising on output, efficiency, or versatility.

Designed to handle feed capacities of up to 600 tonnes per hour, the SCREENPRO S16 is ideally suited to mid- to large-scale operations requiring high production rates and precise material separation. The machine features a 4.9-metre by 1.5-metre (16' x 5') dual-deck screen, providing a 14m² (16.7yd²) screening surface. Adjustable screening angles between 14 and 20 degrees, combined with a wide oversize discharge conveyor and heavy-duty feed hopper, allow the S16 to deliver consistent throughput and excellent product quality across a wide range of applications.

The SCREENPRO S16 offers exceptional flexibility, with multiple screen media options, allowing operators to tailor the machine to suit different materials and end-product requirements, whether processing aggregates, construction and demolition waste, or recycled materials. For recycling applications, the S16 can also be equipped with over-band magnets and magnetic head drums for efficient ferrous metal recovery.

Engineered for ease of use and maximum uptime, the SCREENPRO S16 incorporates intelligent load management, hydraulic folding conveyors, a low-level feed hopper, and a

two or three-way split configuration. A fully integrated power unit with excellent service access, combined with a user-friendly control system featuring sequential start and stop functionality, enhances both productivity and safety. Maintenance downtime is minimised through a hydraulic lift-up screenbox, allowing fast and efficient mesh changes, supported by full access walkways on both sides of the machine.

Powered by a Caterpillar Tier 4 Final / Stage V engine, the SCREENPRO S16 delivers reliable, fuel-efficient performance, with dual power and electric hybrid drivetrains also available to support EDGE Innovate's commitment to sustainable, low-emission solutions.

Commenting on the new product introductions, Darragh Cullen, Managing Director of EDGE Innovate, said: "CONEXPO is the ideal platform to unveil major new products, and we are proud to introduce both the VS750s and the SCREENPRO S16 to the North American market and to customers from around the world. The VS750s, in particular, demonstrates our ability to engineer truly high-capacity solutions, combining enormous scale, power, and intelligent control in one machine. These products reflect exactly what EDGE Innovate stands for — robust engineering, practical innovation, and equipment that gives our customers a real operational edge."

From high-capacity shredders and advanced screening solutions to stockpile conveyors, trommels, and complete material handling systems, EDGE Innovate continues to deliver equipment designed to adapt to the toughest challenges. Whether reducing waste volumes, processing difficult materials, or increasing overall efficiency, EDGE Innovate solutions are built to keep operators one step ahead.



Visit EDGE Innovate at CONEXPO-CON/AGG 2026 and Get Your EDGE Today.

For more information, visit www.edgeinnovate.com.

Leading Agronomist joins Longcliffe Team



As part of the company's focus on its agricultural products' business, leading soil and crop expert (BASIS* registered agronomist) Mark Tripney has joined Longcliffe Quarries Ltd.'s team.

Mark has joined Longcliffe as a consultant, with his new role prioritising offering advice to farming and industry customers on soil and nutrient management, and the use of

products from the company's growing agricultural products' portfolio which includes agricultural lime.

Mark brings a wealth of experience to the role, having studied agriculture at Seale Hayne College in Devon, and enjoyed over 20 years' farm management experience working on mixed dairy arable farms, before setting up his own consultancy business in 2005.

Agricultural lime – a core part of the Longcliffe business since it started in 1927 - is important to improve the soil condition and maximise the yields for grass and arable production. Applying quality ground lime is recommended as this will

allow for efficient pH control and mineral uptake. As well as being used to make agricultural lime, the high purity of Longcliffe's Derbyshire quarries mineral is also applied in a range of products such as animal feeds.

"I am delighted to join the team at Longcliffe at an exciting time for its agricultural products business," says Mark.

"My time 'working at the coal face' on large mixed dairy arable farms has given me invaluable experience to act as a scientific adviser to farmers. My work focuses on how farmers can use agricultural lime and calcium-based products to improve crop and grassland production and soil health by studying soil, nutrients and crop growth. This enables plans to be formulated to advise on areas like boosting crops sustainably and pest and disease control."

Longcliffe Commercial Director Darren Mooney adds: "We are pleased to welcome Mark to our team. With our agricultural product range becoming increasingly important, his expertise will enhance the service we are able to offer customers, particularly around the use of our lime products for enhanced soil performance."



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DEVELON: New Equipment, Demos at CONEXPO 2026

- Achieve the Next: See New Products and Technologies Shaping the Future of Construction -

DEVELON returns to CONEXPO-CON/AGG from 3-7 March 2026, in Las Vegas, Nevada in the USA, with a comprehensive lineup of construction equipment and the launch of its next-generation excavators.

DEVELON will once again exhibit its equipment in the outdoor Festival Grounds area, booth F32054. Headlining the event will be new heavy and compact DEVELON machines equipped with multiple productivity, safety and uptime protection features to take on a variety of job sites. The booth will also showcase innovative DEVELON products, including articulated dump trucks, dozers, wheel loaders, mini excavators, compact track loaders and more.

"It's been nearly three years since we launched our new brand at CONEXPO-CON/AGG, and we're glad to be back at North America's largest construction trade show," says Morgan Stallings, senior director of dealer development and marketing at DEVELON. "This show allows us to introduce our newest next-generation products and showcase our current lineup that helps operators be more productive and efficient on job sites. Plus, it helps us build a stronger connection between our customers and dealers."

Interactive Experiences and Demos

Throughout the week, show attendees can see the power and precision of DEVELON equipment with live heavy equipment demos featuring a DEVELON excavator, dozer and wheel loader.

A major attraction in the exhibit will be the DEVELON compact equipment experience area. Visitors will have the unique opportunity for hands-on operation of a DEVELON mini excavator and a compact track loader, testing their operating skills by completing interactive activities that are part of the DEVELON Operator Experience.

Additionally, the exhibit will feature specific areas designed to educate show attendees on the history of DEVELON and its brand as well as current innovations. These will include the DEVELON-exclusive Transparent Bucket, Smart X-Care™ service, MY DEVELON fleet management and future innovations like Concept-X2. And for the first time, DEVELON will give attendees the opportunity to purchase their favourite DEVELON swag in an on-site merchandise area.

Attendees will be able to participate in the DEVELON mixed reality (MR) guidance and virtual reality (VR) simulator experiences, providing hands-on virtual operation and maintenance training for construction equipment.

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



Superior bringing big iron and bigger ideas to Conexpo-Con/Agg 2026

Superior Industries, Inc., a US-based manufacturer and global supplier of bulk material processing and handling systems, is returning to CONEXPO-CON/AGG with its largest outdoor footprint yet. The company will showcase new equipment, system-wide solutions, and hands-on experiences from booth SV2374 in the Silver Lot, where more than 60 Superior team members will welcome visitors from across the industry.

"When you step into our booth, we want you to get a clear picture of what Superior Industries stands for," says Jason Adams, the manufacturer's president. "Yes, we're bringing a lot of iron, but more importantly, we're bringing a winning team that loves this industry, is fun to work with, and genuinely wants to help our customers succeed."

This year's booth layout is designed to feel open, approachable, and easy to navigate, giving visitors a complete look at how Superior's growing portfolio of crushing, screening, washing, and conveying products connect across real-world applications.

Here are some of the new products making their debut in Las Vegas:

Independence High Frequency Screen Plant

Built to make spec from challenging feed, this new plant pairs a multi-slope 6x20 two-deck design with a vibrating feed box that spreads material evenly for stronger stratification and maximum open area utilization. Outboard motors simplify inspection and maintenance, VFD control allows individual tuning for each deck, and a fully-enclosed

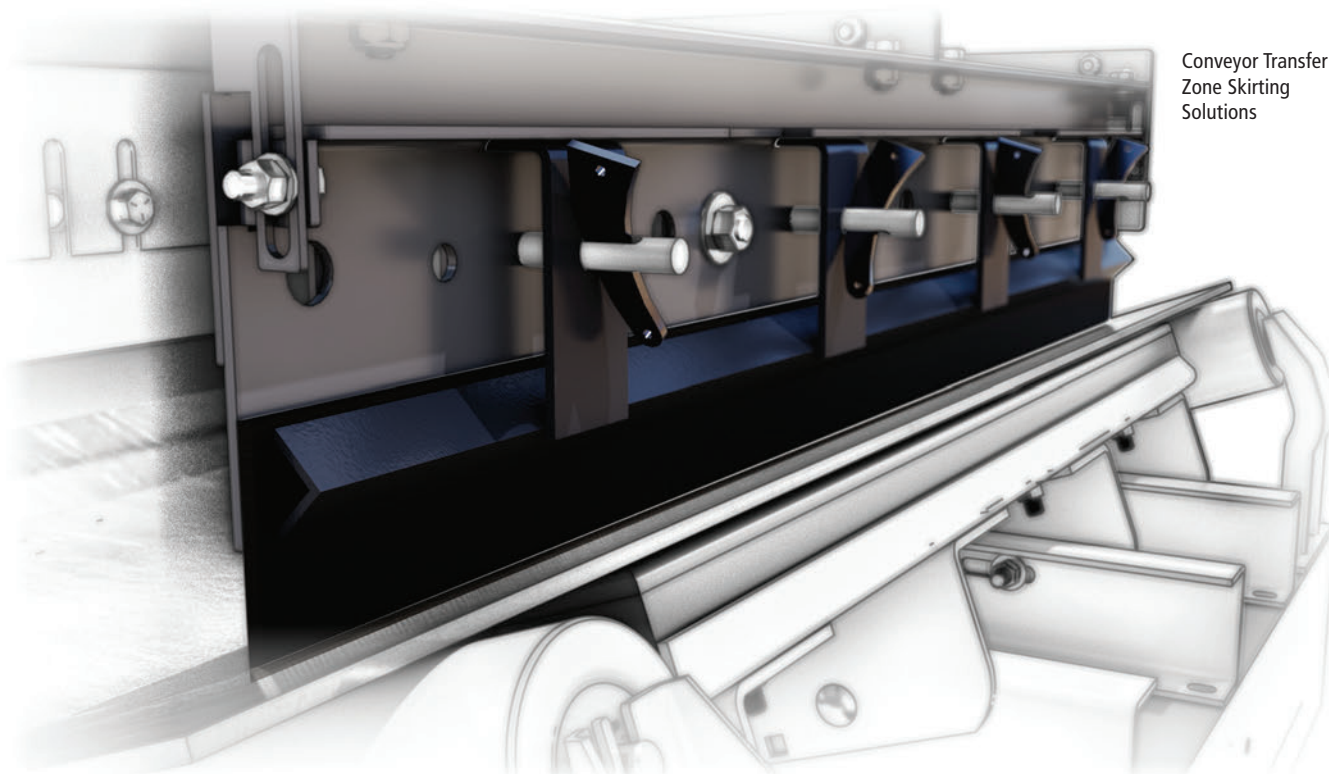
body reduces dust. An automated clean out cycle helps move sticky material, resulting in up to 20% more capacity in the same footprint.

Next-Generation Cemco® Vertical Shaft Impactor

Merging the strengths of the legacy Cemco platform with features from Superior's Valor® VSI, this redesigned crusher delivers optimized rock on rock performance. New rotor and chamber geometry boosts efficiency, and a rotating anvil ring extends component life. The platform maintains parts commonality across models and offers multiple chamber and rotor options. A C1920 with a v-twin drive will be displayed in the booth.



Next-Generation Cemco® Vertical Shaft Impactor



Conveyor Transfer Zone Skirting Solutions

600 HP Crushing Performance on a P500 Frame

A factory-approved power upgrade now rates the P500 Patriot® Cone for 600 horsepower, giving portable operators more output without oversize permits or heavy haul requirements. The show unit will be mounted on a rear feed, rear discharge portable chassis equipped with hydraulic leveling legs and a large observation platform.

Self-Contained Portable Radial Stacker

Superior's redesigned self-contained stacker delivers dependable performance at a competitive price point. Updates to the truss depth, power supply, and load zone hopper improve efficiency while the onboard engine powers up to 500 TPH. A steeper angle creates larger stockpiles in less space. Visitors will see a 36" x 80' model with hydraulic controls for the hopper wings, undercarriage, and folding head section.

Conveyor Transfer Zone Skirting Solutions

Superior is introducing an updated set of skirting solutions designed for cleaner, tighter control across load and transfer zones. Newly designed Adjustable Skirtboards arrive in preassembled sections with trim to fit mounting legs to match individual conveyor designs. Paired with them, RockGuard™ Skirting Liners add dust sealing through steel backed rubber or urethane options in a range of lengths, heights, and thicknesses. Producers can choose flat or beveled edges to manage everything from heavy impact to high speed fines.

These new releases will stand alongside a TeleStacker® Conveyor, RazerTail® Truck Unloader, Liberty® Jaw Crusher, Endeavor® Cone on a Fusion® Modular Platform, Dakota® Cone, AggreDry® Dewatering Screw, Guardian® Horizontal Screen, and nearly three dozen other conveyor components covering idlers, pulleys, belt scrapers, and problem-solving accessories.

Inside the Construction Management Tunnel

Superior's Construction Management division will anchor a section of the booth that guides visitors through an interactive map of completed turnkey projects. Each site reveals a look at services delivered, products installed, and results achieved, supported by video, photography, and other project visuals. Members of the team will be available for conversations about design, planning, installation, commissioning, and long term optimization. With a growing demand for integrated site development, this team continues to expand its output and capabilities.

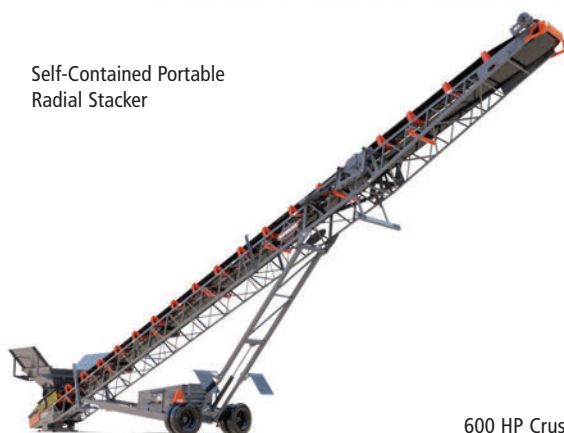
An Interactive Booth Challenge with Prizes

A planned booth challenge will encourage visitors to get moving through the entire space in a fun, interactive way. Guests can scan QR codes placed throughout the booth to unlock quick tasks. Each completed challenge earns points toward prizes and encourages attendees to explore more of the booth. It's a simple, engaging way for visitors to experience the depth of Superior's full product portfolio across crushing, screening, washing, conveying, and components.

Independence™ High Frequency Screen Plant



Self-Contained Portable Radial Stacker



600 HP Crushing Performance on a P500 Frame



MAJOR highlights screen media technology at CONEXPO/CON-AGG 2026

MAJOR, a leading global manufacturer of high-performance wire screen media will be attending CONEXPO/CON-AGG 2026. They will highlight their screen media, advanced polyurethane strips and the MAJOR App alongside a new product that will be added to their lineup. Visit their team at Booth C32269 in the Central Hall of the Las Vegas Convention Center.

Additionally, MAJOR will participate in a panel discussion titled "Screen Smarter: Practical Strategies for Peak Performance" on Thursday, March 5, from 10:45-11:45 a.m. This educational session explores insights into what makes screening systems effective. MAJOR will share how quarries and mines can improve their operations, diving into how screen media considerations like wire selection, crown curve and climate factors can significantly impact output and productivity in mines and quarries.

"CONEXPO/CON-AGG only happens once every three years, which makes it an exciting opportunity for our customers to see the newest technological advances in screen media in person," said Bernard Betts, president of MAJOR. "This year, we're participating in a panel discussion to help educate aggregates producers on their screen media and the importance of choosing the right options for their facility. We've also been listening to our customers and addressing their main concerns. Our goal is to become a one-stop shop for all screen media, so look out for an exciting announcement at the show."

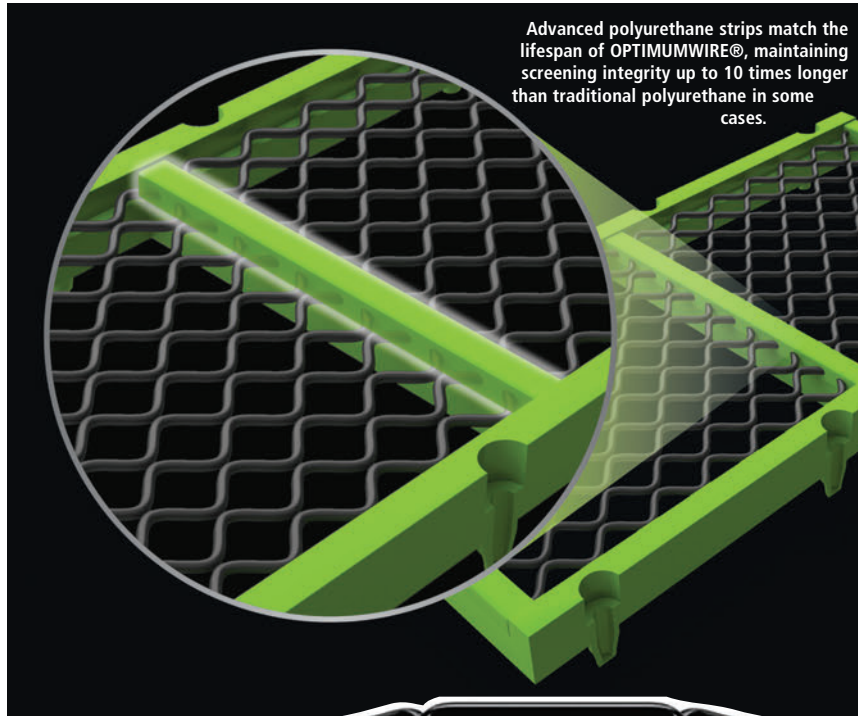
MAJOR will be showcasing a variety of new equipment and technology — one of which will be launched at the show — including:

Advanced Polyurethane Strips Variant

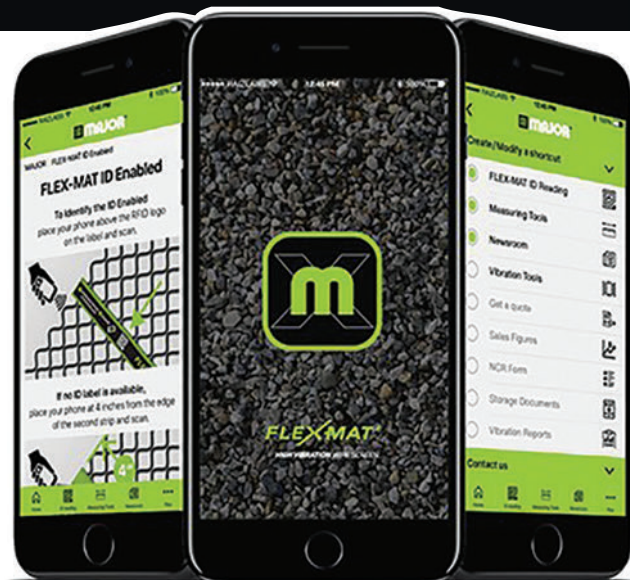
Advanced polyurethane strips are available for the FLEX-MAT Modular Series. This variant increases the lifespan and effectiveness of screen media with greater chemical stability for wet and corrosive environments. Advanced polyurethane strips match the lifespan of OPTIMUMWIRE®, maintaining screening integrity up to 10 times longer than traditional polyurethane in some cases.

The MAJOR App

The recently updated MAJOR App creates a single resource for mining and aggregates producers and MAJOR dealers. Depending on the type of user, the app includes marketing materials, expert documents and a newsroom with articles and announcements as well as the RFID reader and the FLEX-MAT Sensor. Customers and dealers can also track and store screen media data such as screen dimensions and customer-



Advanced polyurethane strips match the lifespan of OPTIMUMWIRE®, maintaining screening integrity up to 10 times longer than traditional polyurethane in some cases.



Depending on the type of user, The MAJOR App includes marketing materials, expert documents and a newsroom with articles and announcements as well as the RFID reader and the FLEX-MAT Sensor.

defined details to simplify the order process and inventory management through FLEX-MAT ID Enabled technology, which features RFID chips embedded into the polyurethane on the screen panel.

MAJOR's booth will also feature a new event — the Wire Cut Challenge. They will pit their engineered wire against other wire options in a test of strength and durability. Attendees who visit the booth can see if they have what it takes to break the wire and possibly win a prize. Or visit www.majorflexmat.com to learn more about MAJOR's screen media technology.

Brokk showcases the Brokk 130+ at CONEXPO-CON/AGG 2026

Brokk Inc., the North American distributor for Brokk demolition robots and Aquajet Hydrodemolition equipment, is proud to unveil the Brokk 130+, a powerful new demolition robot engineered to push the boundaries of demolition performance. With increased power output, a newly developed BHB 175 breaker, and the intelligence of Brokk SmartPower+, the Brokk 130+ sets a new standard.

Brokk will showcase the 130+ alongside other equipment innovations at booth P8448 in the Platinum Lot during CONEXPO-CON/AGG 2026 from January 20-22.

"With the Brokk 130+, we are taking demolition power and efficiency to the next level," said Martin Krupicka, CEO of Brokk Group. "By reengineering the powertrain and introducing a brand-new breaker, we've developed a robot that delivers greater hitting force, a higher impact frequency, and unmatched performance—all without increasing its size. This marks a significant leap forward in the capabilities of remote-controlled demolition."



Key Innovations of the Brokk 130+:

- **More Power - A New Benchmark in Demolition**

A redesigned hydraulic powertrain provides greater force with the same energy input, increasing overall efficiency and productivity.

- **BHB 175 Breaker - Engineered for Impact**

Paired with the powerful Brokk 130+, the new BHB 175 delivers 20% more hitting force and 40% higher impact frequency, enabling greater demolition power with every blow.

- **Brokk SmartPower+ - Intelligence Meets Performance**

Optimized power distribution ensures maximum output with minimal energy waste, while intelligent system adjustments protect key components, improving reliability and longevity.

Designed to handle the toughest jobs, the Brokk 130+ represents a bold step forward, combining more power, smarter technology, and greater efficiency to redefine remote-controlled demolition.

For more information about Brokk and our products, visit www.brokk.com.

Brokk is proud to unveil the Brokk 130+, a powerful new demolition robot engineered to push the boundaries of demolition performance.

CONEXPO
CON / AGG

EUROMIX® 4000



March
3 - 7, 2026

Las Vegas,
Silver Lot
#3122

VISIT
US

REMIX
600X



SBM
MINERAL PROCESSING



Jetstream of Houston, LLP offers next generation of pump design

5200Q Series UNx™ Bareshaft pump marks important milestone for big water applications

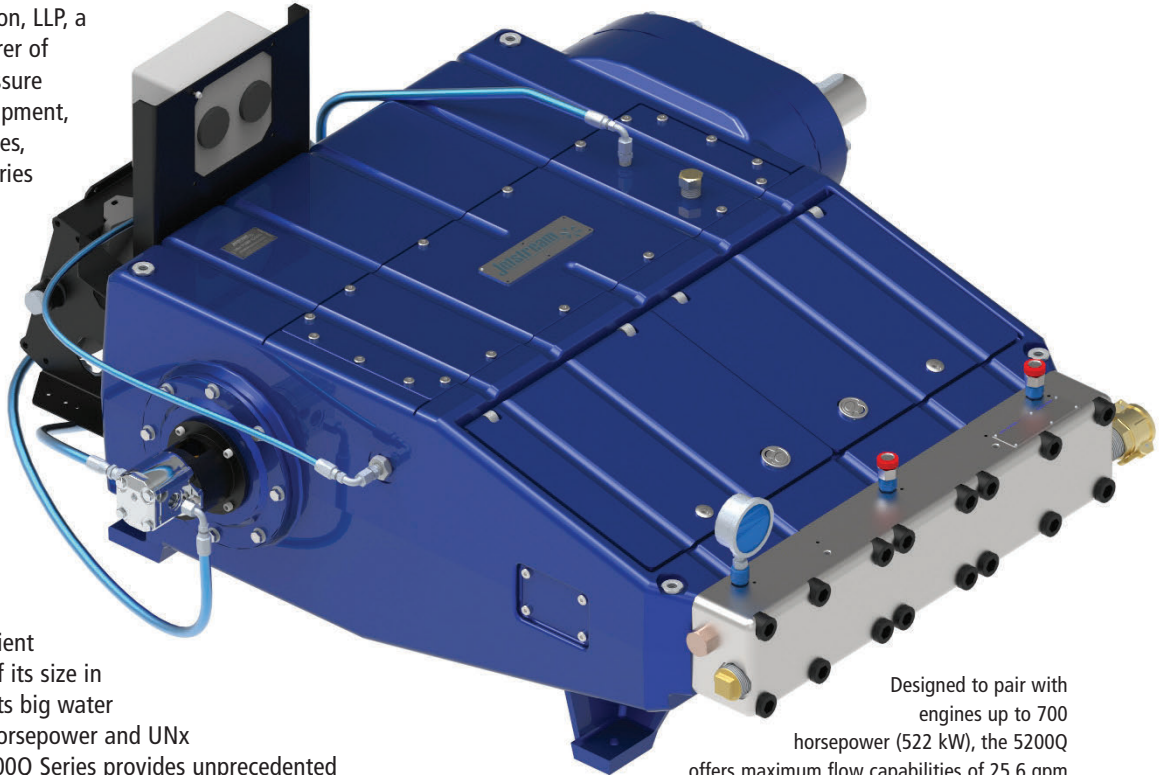
Jetstream of Houston, LLP, a leading manufacturer of industrial high-pressure water blasting equipment, parts and accessories, offers its 5200Q Series UNx™ Bareshaft pump, the next generation of Jetstream pump design. Designed to pair with engines up to 700 horsepower (522 kW), the 5200Q offers maximum flow capabilities of 25.6 gpm at 40,000 psi, making it the most advanced and efficient waterblast pump of its size in the industry. With its big water capabilities, high horsepower and UNx technology, the 5200Q Series provides unprecedented power, efficiency and versatility along with maximum uptime to large-scale industrial cleaning operations.

Jetstream will showcase the 5200Q Series UNx™ Bareshaft pump, alongside other waterblasting innovations, at booth S60358 in the South Hall of the Las Vegas Convention Center at CONEXPO-CON/AGG 2026 from March 3-7, 2026.

"The people in the industrial cleaning industry are doing important, but sometimes incredibly tolling work," said Rich Gomes, director of sales for Jetstream. "The 5200Q Series offers the high pressure and flows needed to get the job done quickly and efficiently, easily facilitating everything from premaintenance cleaning of long lines in the mining industry to surface preparation to remove rust, and everything in between."

One of the key advantages of the 5200Q Bareshaft pump is the quintuplex design for reduced pulsation and vibration. With five plungers, pressure spikes are lower, allowing for a more consistent, smoother pressure profile compared to a standard three plunger design. The 5200Q comes with interchangeable UNx fluid end technology, which allows converting from 8,000 to 40,000 psi in minutes. This provides flexibility to complete all functions on a jobsite and run a full variety of tools with a single unit.

The pump part commonality of the 5200Q Series with its predecessor as well as its simple design — which incorporates fewer overall parts than the competition — makes the machine easier to service. It boasts internal gear



Designed to pair with engines up to 700 horsepower (522 kW), the 5200Q offers maximum flow capabilities of 25.6 gpm at 40,000 psi, making it the most advanced and efficient waterblast pump of its size in the industry.

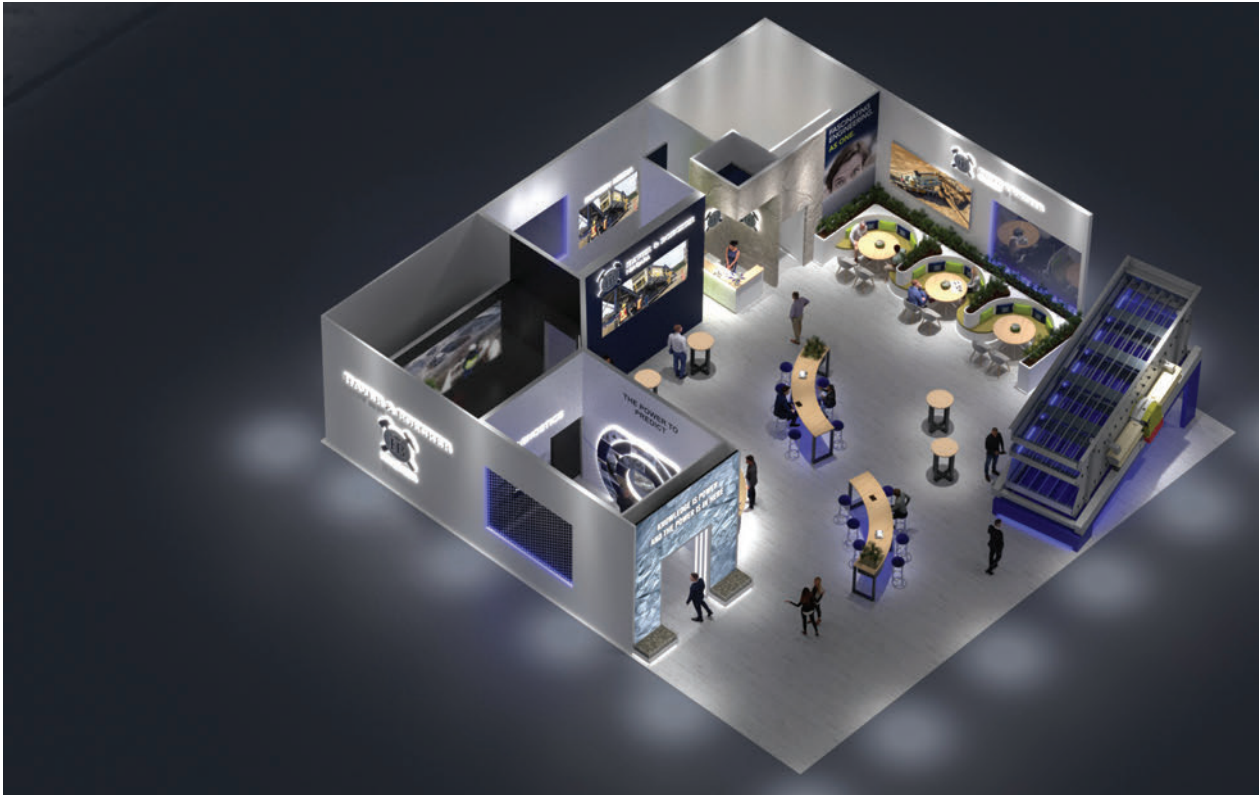
reduction, a crankshaft supported by four bearings and a fully integrated precision gear drive with a shared oil sump. When required, maintenance on the 5200Q Series can be completed without the use of any special tools right on the jobsite, reducing downtime for changing out packing, univalves and plungers to just five minutes.

Equipped with a pressurized and filtered oiling system with active cooling as well as a high-temperature and low-pressure shutdown system, the 5200Q Bareshaft pump offers top-tier safety. Additionally, a standard locking rod box cover protects both the operator and equipment while also boosting serviceability and dual rupture discs provide pressure relief protection to prevent injury.

The Jetstream 5200Q Series is available as a bareshaft pump or as part of a full integrated trailer waterblast unit. The 5200Q comes with global service and support, and is also available through ten rental locations across the U.S. For more information about the new 5200Q, please contact Jetstream at 800-231-8192 or at sales@waterblast.com. To learn more about Jetstream and its full product line, visit www.waterblast.com.

*All images courtesy of Jetstream of Houston LLP

Bigger, Bolder and Built on Experience



Haver & Boecker Niagara will unveil its largest booth to date at CONEXPO-CON/AGG 2026. The booth is designed as an immersive, museum-style experience to highlight the company's end-to-end solutions.

Haver & Boecker Niagara will unveil its largest booth to date at CONEXPO-CON/AGG 2026, March 3-7 in Las Vegas, offering attendees an interactive look at the latest mineral processing technologies. The booth, designed as an immersive, museum-style experience, will feature multiple rooms highlighting its end-to-end solutions and include live demonstrations of the company's advanced screening solutions at Booth C32616 in Central Hall.

"We're thrilled to bring this unique experience to CONEXPO-CON/AGG," said Karen Thompson, president of Haver & Boecker Niagara's North American, Australian, United Kingdom and Ireland operations. "Our immersive booth will allow visitors to experience how our innovative technologies and complete processing equipment solutions can transform their operations."

Immersive Booth Experience

Visitors will navigate through themed spaces showcasing diagnostics, processing equipment, screen media and aftermarket service and support. Each area will feature hands-on displays and engaging video content that illustrates Haver & Boecker Niagara's signature PROcheck solutions — its comprehensive program for improving screening efficiency and reducing downtime through data-driven insights.

Live Demonstrations

Additionally, attendees will have the rare opportunity to see an 8-by-20-foot, triple deck Niagara F-Class vibrating screen operating on the tradeshow floor. The demonstration highlights the vibrating screen's advanced design, which delivers virtually no vibrations to the structure, even under

demanding conditions. This stability translates to longer equipment life, simplified maintenance and consistent performance, making it a standout solution for aggregates producers looking to maximize uptime and efficiency and lengthen the lifecycle of their equipment.

Explore Complete Equipment Lifecycle Solutions

Company experts will be available to discuss:

- **Pulse Diagnostics Demonstrations:** See real-time monitoring tools in action, including Pulse Vibration Analysis and Pulse Condition Monitoring, which help producers plan maintenance and maximize uptime.
- **Screen Media Solutions:** Learn about Haver & Boecker Niagara's innovative screen media options designed to improve wear life and efficiency in demanding applications.
- **Rhino Hyde Liners:** Discover the benefits of Rhino Hyde liners for abrasion resistance and extended equipment life.
- **Equipment Lifecycle Support:** Explore Haver & Boecker Niagara's aftermarket support, service, rebuilds and upgrades that keep operations running at peak performance.

Engage in the Educational Panel Session

Join "Unlocking the Secrets of Efficient Screening" on Thursday, March 5 from 10:45 to 11:45 a.m. for practical strategies to optimize screening processes. The session will feature insights from a panel of three industry experts, including Duncan High, Process Equipment Technology Division Manager at Haver & Boecker Niagara.

SBM: Mobile Crushing & Concrete Mixing in Las Vegas

Premium technologies for best results

SBM Mineral Processing is celebrating an important premiere at the upcoming CONEXPO-CON/AGG. For the first time, the Austrian manufacturer will present its mobile crushing plants and mobile concrete mixing technology together at the leading North American trade fair (Silver Lot, Stand SV3122). The 600-tph REMAX 600 large impact crusher and the 230-yd³/hr EUROMIX® 4000 batch mixing plant on display are the top models in their respective series, underscoring the technological leadership that has distinguished all solutions from both SBM divisions for years. For the manufacturer, the trade show appearance is another important step in developing a close-knit sales and service network in North America.

Hybrid makes the difference

Long before its competitors, SBM Mineral Processing relied on the advantages of diesel-electric drives for its tracked mobile crushing plants. Today, all nine models of JAWMAX® jaw crushers and REMAX impact crushers are hybrid electrified, consume up to 40% less diesel than comparable fully hydraulic or partially electrified plants, and can be operated fully electrically with unrestricted functionality thanks to a plug-in option. Other features of the "SBM Mobiles" with operating weights of 50,000 to 175,000 lbs (23,0 – 80,0 t) and production capacities of 250 to 600 tph include class-leading crusher sizes and a comprehensive selection of highly efficient secondary screens, ensuring real added value through high-quality end products in both quarrying and recycling.

The best example of this is SBM's flagship REMAX 600, which will make its debut in North America at the Las Vegas show. This large impact crusher can handle feed sizes of up to 40 inches and has a maximum capacity of 600 tons per hour. Even when fully equipped with a two-deck pre-screen, longitudinal magnetic discharge and optional one-, two-, or three-deck add-on screens, the REMAX 600 weighs only around 175,000 lbs (80,0 t). All equipment remains on the machine during transport. The intelligent SBM CRUSH CONTROL system monitors the quick commissioning process and enables inexperienced operators to work safely and efficiently thanks to extensive sensor technology and automatic adjustment of all system functions.

High-quality, fully flexible mobile concrete

For over 25 years, the EUROMIX® series has been under the leaders in the premium segment of mobile concrete mixing plants. This segment is defined by quick relocation with short set-up times, high concrete quality with a wide variety of types, weather-independent availability in 24/7 year-round operation, and, of course, high productivity for large-scale projects.

A distinctive feature of EUROMIX wet batching plants is the well-insulated mixer module with BHS twin-shaft mixer, dosing technology for binders, water, and additives, high-pressure water system, compressed air equipment, and plant electrical system. Access to all components from both sides makes inspection and maintenance work easy and safe.

Depending on the model, the mixer modules are designed as units for semi-trailers or optionally with own undercarriages and can be quickly set up on the construction site by crane. The integrated concrete discharge allows quick and safe multi-sided access with truck mixers or dump trucks. The binder silos and aggregate hoppers with integrated belt scales are also designed as portable units and can be expanded modularly depending on requirements (recipes, daily production, etc.). All EUROMIX modules can be set up on a sufficiently solid surface or on mobile concrete foundations. Plug-and-play connections for the control system and electrical components usually allow installation even larger plants in less than two working days.





SBM has also been present in North America with its mobile EUROMIX concrete mixing plants for a good two years now. The top-of-the-range EUROMIX 4000 model will be on display in Las Vegas. (Photos: SBM Mineral Processing)

Overall, the EUROMIX series today offers models with production capacities ranging from 100 to well over 200 yd³/hr (80 – 175 m³/h). This enables daily peaks of up to 2,600 yd³ (2000 m³) hardened concrete in solo operation, and even far beyond that when two plants are combined. The two largest models, which SBM has been offering on the North American market for a good two years now, fall within this range: In addition to the EUROMIX 3300 SPACE (4.35 yd³/batch; 190 yd³/hr) (3,3 m³; 145 m³/h), this is primarily the EUROMIX 4000 with a 5.2 yd³ (4,0 m³) BHS twin-shaft mixer and a production capacity of 230 yd³/hr (175 m³/h), which will be on display in Las Vegas.

**CONEXPO
CON / AGG**

**SBM at CONEXPO-CON/AGG 2026:
Silver Lot, Stand SV3122**



Fully equipped, SBM's large impact crusher REMAX 600 delivers real added value with multiple clean and well defined end products.

From Winter to Peak Production: Tackling Spring Quarry Challenges

Spring is a critical season for the quarrying industry, according to Owen Batham, Sales and Marketing Director at Elite Precast Concrete, as sites transition out of winter and prepare for increased production. With this change comes a unique set of operational challenges.

From waterlogged ground to infrastructure damage revealed by freeze-thaw cycles, quarries must act quickly to remain safe, compliant and productive.

Having worked within the sector for many years, Owen understands these challenges and how Elite Precast Concrete works closely with quarry operators to deliver robust, fast-install solutions that help overcome seasonal pressures.

Below, Owen highlights the key spring challenges faced by quarries – and explains how Elite can help.

Water Management and Drainage Issues

Spring rainfall combined with thawing ground often results in flooding, standing water and overwhelmed drainage systems. Poor drainage can restrict vehicle movement, slow production and increase health and safety risks.

Elite manufactures and holds stock of precast drainage channels, foundation slabs, gullies, adjusting units and cover slabs, all of which can be installed quickly with minimal disruption. Unlike in-situ concrete, precast units offer immediate performance, helping quarries restore effective water management without delay.

Ground Instability and Damaged Haul Roads

Saturated ground conditions can weaken haul roads and

hardstanding areas, leading to rutting, vehicle damage and costly downtime. Heavy quarry traffic only accelerates this deterioration.

Heavy-duty precast foundation slabs, silo base slabs and utility protection slabs provide instant load-bearing strength. These solutions are ideal for repairing loading zones and stockpile areas, without the lengthy curing times associated with poured concrete.

Infrastructure Damage Revealed After Winter

The freeze-thaw cycle often exposes hidden damage to quarry infrastructure once winter ends. Cracked walls, damaged pits and failing structures can quickly become serious safety hazards if left unaddressed.

Modular precast retaining walls, push walls, storage bays, fencing and ballast blocks allow damaged areas to be replaced or upgraded efficiently. Using Elite's Legato® and Duo™ interlocking blocks, repairs can often be phased, enabling quarries to remain operational while improvements are carried out.

Scaling Up for Increased Spring and Summer Demand

As construction activity increases, quarries come under pressure to boost output. Delays caused by slow construction methods can restrict production just as demand peaks.

Precast aggregate bays, block walls and processing area expansions can be installed rapidly, helping quarries increase capacity without long lead times. Elite holds high stock levels of these products, enabling the business to react to customer requirements within hours of purchase.



Health, Safety and Compliance Pressures

Wet spring conditions increase the risk of slips, trips and vehicle incidents. At the same time, inspections and audits often increase ahead of peak operational periods.

Precast safety barriers, edge protection, wheel stops and traffic management solutions help improve site safety and clearly define vehicle and pedestrian routes. Factory-produced units ensure consistent quality and compliance with industry standards.



Environmental and Site Improvement Works

Spring is also a key period for environmental improvements and long-term site upgrades. These projects require durable, low-maintenance solutions that minimise disruption.

Precast concrete products manufactured offsite under controlled factory conditions offer long service life, reduced on-site waste and faster installation. Units are delivered ready to install, helping reduce project programmes and limiting the need for on-site storage areas.

Products can also be tailored to specific site requirements, supporting both operational efficiency and environmental objectives.

Why Elite Precast Concrete Is Ideal for Spring Quarry Projects

Having served the quarrying industry since 2009, Elite Precast Concrete has continually expanded its product range to meet the evolving needs of the sector. Benefits include faster installation in unpredictable weather, immediate structural strength, reduced site labour and downtime, and durable, compliant products of consistent quality.

With three manufacturing facilities in Shropshire, Elite offers competitive pricing, strong stock availability and reliable nationwide supply.

Supporting Quarries Through Every Season

Owen concludes: "Spring brings challenges, but with the right infrastructure in place, it also brings opportunity. Elite Precast Concrete provides practical, reliable solutions that help quarries stay productive, safe and prepared for peak demand."

To discuss how Elite Precast Concrete can support your quarry this spring, contact Owen or the team on 01952 588885 or email sales@eliteprecast.co.uk





KOMPTECH

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 m³ hopper volume
- ✓ Adjustable output: Easy particle size control

Coming soon:

Optional screen basket

Retrofittable for all Terminator xtrons



Choosing the Right Training Provider for Your Business



In sectors where compliance, safety and operational performance are key, choosing the right training provider is extremely important. Whether it's managing plant operations or waste processing activities, the quality of training your workforce receives has a direct impact on safety standards, productivity and regulatory compliance.

While accredited training is sometimes viewed as a box-ticking exercise or an additional cost, it is in fact a benchmark of quality. Accreditations ensure individuals meet recognised national and industry standards and, through structured testing, confirm that learners have achieved the required level of competence to work safely and effectively within their environment.

Selecting the right provider and accreditation is therefore about far more than simply booking a course. It is about ensuring the training delivered genuinely meets the needs of your organisation, supports individual delegates and remains relevant as industry requirements evolve. To do this effectively, businesses should take the time to ask the right questions when evaluating potential training providers:

What accreditations and industry approved schemes does their training cover?

A reputable training provider should be able to clearly demonstrate which recognised accrediting bodies and industry schemes they are approved by, such as IPAF, LANTRA, NPORS, PASMA, MPQC or CIWM. They should also be able to provide clear guidance on how these accreditations are best suited to the end user and the industry.

Are they an approved training provider?

Always confirm that the provider holds formal approval from the relevant awarding and accrediting bodies for each course and qualification they offer. Being an approved training centre demonstrates that the provider has been assessed and authorised to deliver training, complete assessments and issue recognised certificates. It also means they undergo ongoing quality assurance, audits and standardisation processes, ensuring consistent delivery and continued compliance with industry and regulatory requirements.

Do they deliver the right training for the job?

Determining whether a training provider is fit for purpose starts with understanding your specific training requirements. This begins by identifying the duties individuals will undertake in their role and assessing what training is needed to support them. Consider which elements of training can be delivered by an external provider and, just as importantly, what must take place onsite once employees return to work following initial training.

Training should align closely with both the role and the working environment. Course content should reflect job responsibilities and support the three key elements of effective training:

- Basic training, which provides the core skills and knowledge required to operate safely and efficiently
- Specific job training, focusing on the equipment, operating principles and controls used within the workplace
- Familiarisation training, where learning is applied under normal working conditions on the job

A training provider that understands and supports this full process is far more likely to deliver training that is genuinely fit for purpose.

It's also important to remember that learning does not end at the completion of a test. Competence is developed over time and should be regularly reviewed, reinforced and developed within the workplace.

With over 30 years' experience delivering accredited training across the UK, Certora is a trusted training provider that partners with businesses to deliver training solutions reflecting real onsite demands, with a commitment to competence, cost efficiency, relevance and quality.

For more information on how Certora Training can support your training requirements, contact the team today on 01246 386900.

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Controlling Quarry Dust at Conveyor Transfer Points

R. Todd Swinderman, P.E. / President Emeritus / Martin Engineering

Ask any quarry operator, and they will agree that prioritizing worker safety and longevity is essential. Safety starts with dust suppression. Controlling dust also makes operational sense, as it can foul rolling components, machinery, and equipment air intakes, necessitating additional parts and labor for cleaning and maintenance. All these factors unnecessarily increase operational costs, especially when methods and technologies exist to control and suppress dust emissions before they become airborne and create these risks.

While reducing dust emissions from processing is clear, it is not always practical or easy to achieve. Numerous dust sources must be managed, depending on the extraction, haulage, and storage methods employed. Most dust in bulk materials originates from particle-size reduction by crushing or grinding, as well as from transfers between production steps, such as conveyor transfer points or during discharge onto a stockpile.



Conveyors are getting longer and meaning more exposure to vibration and wind.

Causes of Dust on Conveyors

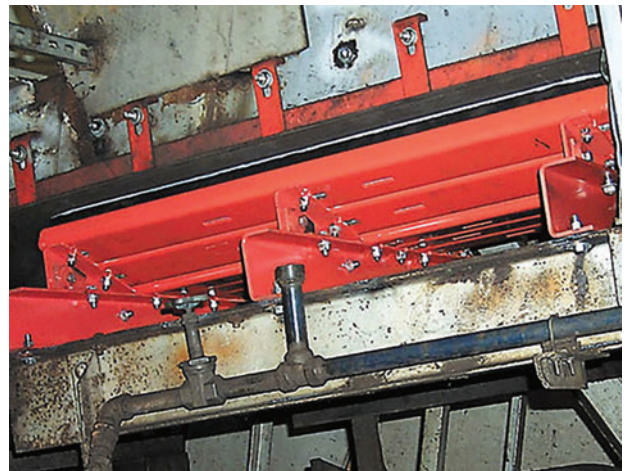
Conveyors are a significant source of dust emissions, yet they can also help reduce fugitive dust. For instance, in pit crushing and overland conveying at a surface mine, total site dust generation is lower compared to truck haulage. Some raw materials are easily wind-swept, and in some cases, an enclosed conveyor belt system may be necessary.

When the haulage involves a conveyor belt, dust generation depends on the loading and discharge processes, as well as the management of these processes. Closed conveyors are highly effective at preventing contamination and shielding the cargo from environmental elements, but they must still be opened and closed for loading and discharge. Passive dust reduction strategies include:

- Shorter or directed drops – Transfer chutes over loading zones that minimize the impact of cargo on the belt below reduce the turbulence within the loading zone, thereby decreasing the amount of dust released.
- Managing the Flow - While rock boxes can be effective, they are also susceptible to clogging. Therefore, experienced engineers recommend a sloping system that

slows material to minimize impact and induced air, along with loads in the center of the belt to reduce shifting and enhance belt training.

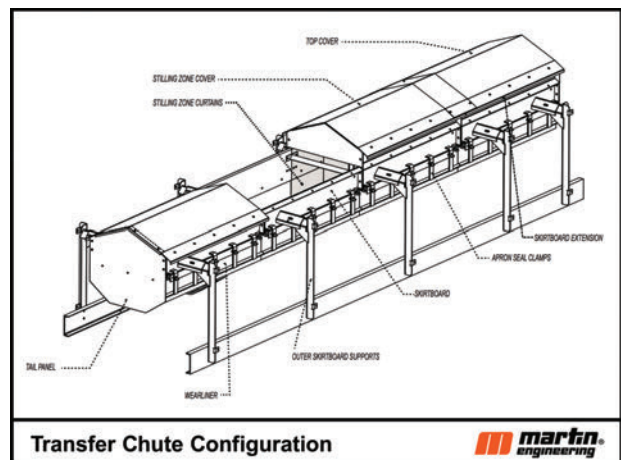
- Preventing belt sag between idlers – The belt can dip slightly between idlers, creating gaps between the belt and skirting that allow dust and fines to escape in the loading zone. Using an impact cradle with shock-absorbent polyurethane bars reduces impact strain on the belt and ensures an even belt plane without gaps between the skirting and belt. Cradles can extend along the entire length of the stilling zone.



Impact cradles can reduce damage and prolong belt life over standard impact idlers.

- Fully enclosed transfers – By completely enclosing the loading and settling zone, dust is contained. Items like dust curtains and dust bags can then be added to control airflow and capture dust.

A well designed transfer chute should significantly reduce dust emissions.



Transfer Chute Configuration

martin
engineering

Raw and Processed Material Storage

Controlling dust at the storage location presents another challenge. Large stockpiles are impractical to enclose in buildings and are often stacked and reclaimed by machinery

that generates additional fines. Open stockpiles are subject to weather conditions, causing some bulk materials to degrade when exposed to the atmosphere, while others revert to a solid state when exposed to humidity or rain. Materials that can be wetted often use water sprays to reduce windblown dust. Other strategies include wind fences and pile compaction.

Discharge onto the pile is a source of dust release as the material flows from the delivery equipment, often a conveyor, onto the pile. Cascading or telescoping chutes can be used to reduce the release of dust in these cases. If the material is easily broken, the drop height from discharge to the pile or between cascade shelves can create additional dust from impact degradation. One unexpected source of dust emissions can be the site layout. For example, if a slope conveyor going from the stockpile into a storage bin or building is oriented in line with the prevailing winds in a high wind locale, the wind flowing up the conveyor will overwhelm dust control strategies by creating positive pressure throughout the conveyor enclosures.



Uncontrolled drops into stockpiles can spread dust for long distances.

Control the Air, Control the Dust

If the material stream can be constrained so that it does not open up when discharged, the amount of air induced into the transfer point is minimized. As the material particles disperse, they create a low-pressure zone in the spaces, which encourages airflow into the transfer point.

The amount of dust that can become airborne is directly proportional to the volume and speed of the airflow through the transfer point. If the openings in the chute are restricted to the practical minimum, the inward airflow is limited. A useful dust control strategy is to capture the material shortly after discharge and keep the stream coalesced as tightly as possible to minimize induced air.



Mines are never going to be a 100% dust-free operation but good transfer point design can make it safe.

There are several Discrete Element Modeling (DEM) software programs specifically designed for optimizing material flow through chutes, and there are specialty chute manufacturers that focus on these techniques. These chutes perform best with materials that have consistent size along with adhesive and cohesive properties, such as coal. Wear on the chute surfaces may accelerate; however, this can be mitigated by a maintenance-friendly design that allows for quick and easy replacement of wear surfaces.

Conclusion

Much emphasis is placed on planning the mine to maximize profitability, but little attention is paid during the initial feasibility studies to how the layout can affect dust creation and emissions. Conveyor transfer points have historically been drafted rather than designed. Design tools are now readily available to address these critical details. How the conveyor is operated and maintained also significantly affects dust generation and release.



Next Month

March | April 2026

AGGREGATE WASHING & SCREENING

REVIEW – Current projects static & mobile washing, hoppers, conveyors, cyclones, pumps, trommels, log washers, filter press, plate press, flocculants, scrubbers, separators, lignite plant, dewaterers, classifiers, belt weighing, contract washing.

PUMPS - Centrifugal Slurry, Sludge, Submersible, Site Dewatering & Site Water Management.

SCOTPLANT EXHIBITION PREVIEW



RECYCLING - Open topics for this issue.

BULK HANDLING - Open topics for this issue.

Editorial copy deadline – 17th March 2026 Advert copy deadline – 24th March 2026

Elite Precast Concrete make bay-building easy

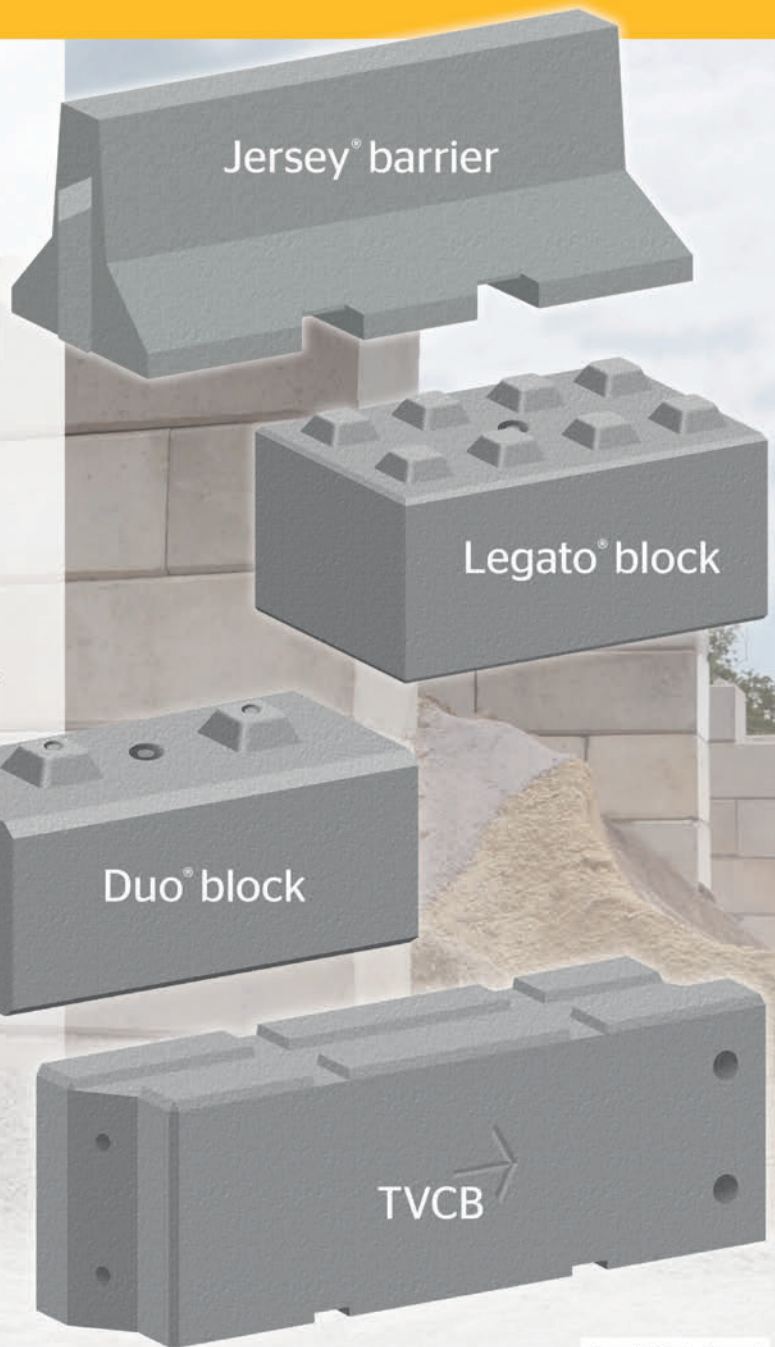
Elite are the UK's premier manufacturer of the revolutionary Interlocking Block System as used throughout the UK in a wide variety of applications.

The blocks are excellent in many varied applications and provide a more simple, robust and cost-effective solution than conventional L or A-shaped thin-walled panels.

Our Jersey barriers are designed specifically as interlocking security barriers for use when there's a need to secure your premises against unwanted visitors or to manage site traffic.

Applications include...

- Bay walls
- Silage clamps
- Earth retention
- Traffic calming
- Security/property protection
- Waste & recycling material segregation
- Scrap and steel recycling
- Security barriers



Creating safer spaces with
interlocking blocks & barriers



For more information please call 01952 588 885
email sales@eliteprecast.co.uk or visit www.eliteprecast.co.uk

Why Regional Shows Still Matter

In a marketplace increasingly shaped by digital marketing, online demos and remote decision-making, it's easy to overlook the continued importance of regional exhibitions. But for the plant and machinery sector, regional shows remain one of the most effective ways to generate meaningful conversations, build trust and move business forward and ScotPlant is a perfect example.

Returning to the Royal Highland Centre in Edinburgh on 24–25 April 2026, ScotPlant has firmly established itself as Scotland's must-attend construction equipment event. It's not just a date in the diary it's an opportunity for suppliers, dealers, manufacturers, and service providers to meet a qualified audience face-to-face. I personally enjoy the atmosphere each year that I'm up there on site.



There's a simple reason regional shows work so well in this sector: plant and machinery is built on confidence. Buyers want to see equipment up close, compare options side-by-side, ask



technical questions, and speak to local people who know their product. Regional events create a more accessible environment for decision makers who may not travel to large national or international shows, they might not have time due to the demands of running their own business, this means the conversations can often be more focused, more relevant, and more likely to lead to tangible outcomes.

ScotPlant also plays a wider role in supporting the ecosystem. It brings together established brands and emerging suppliers, encourages new partnerships, and keeps the market connected, particularly in a sector where relationships and reputation still matter enormously.

Final thoughts...

For exhibitors, the message is clear: if you want visibility, credibility and opportunities in Scotland's plant and machinery marketplace, regional shows like ScotPlant remain one of the strongest platforms available, because nothing replaces being there.



Call to action:

And if you're still planning for ScotPlant or any other targeted regional events this year and would value support with strategy, stand planning, messaging, or on-site delivery, we'd be happy to help. Get in touch with Saward Marketing & Events to discuss how we can make your event experience more valuable.



Smart Separation for Modern Recycling

At Impact, we've developed a suite of advanced systems to tackle today's recycling challenges. From our Zigzag Air Classifier (ZAC) and FilmVac & FilmLift systems to Windshifter solutions, every innovation is designed to maximise material recovery, improve quality, and streamline operations.

One standout technology is our newly enhanced Air Drum Separator (ADS). Engineered through a full redesign process, the ADS sets a new standard for flexibility, efficiency, and reliability.

Refined for Performance: The Next-Gen ADS

Recycling operations are under pressure to deliver cleaner, higher-value materials while managing costs and staying ahead of regulation. The refined ADS was built to meet these challenges head-on.

Whether handling MSW, RDF, SRF, C&D, or ASR, the ADS consistently delivers outstanding results. Designed to separate mixed material streams into lights and heavies, it offers precise, high-capacity performance while being simple to operate and maintain.

The result? Better quality outputs, greater recovery rates, and improved bottom lines.

How We Engineer the Edge

At Impact, every detail is deliberate. Our design engineers work closely with customers and plant designers to ensure that each system performs reliably and efficiently across varying material streams and operating conditions. This collaborative approach results in machines that are practical, precise, and future-ready.

Key Advantages:

- Excellent separation of light and heavy fractions
- High throughput with low energy consumption
- Easy to operate, clean, and maintain
- Adaptable to different material types and site setups
- Quick return on investment through increased recovery and reduced landfill



Engineering Excellence: What's Inside the ADS?

With three standard widths—900mm, 1200mm, and 1500mm—and throughput capacity from 20 to 250m³/hr, the ADS is tailored for performance.

Advanced features include:

- Adjustable drum movement for flexible separation
- Variable-angle air nozzles for precision control
- Energy-efficient primary fan with VFD control
- ATEX-compliant integrated dust control
- Self-cleaning drum and belt scrapers
- Secondary vacuum fan for optimal pressure balance

Everything about the ADS is engineered to maximise uptime, performance, and ease of use.



Designed for Versatility: Where the ADS Excels

The versatility of the ADS makes it ideal for a wide range of recycling and recovery applications.

Whether separating plastics, light paper, foils, insulation, or similar light materials, the system delivers robust performance across the board.



Common Applications:

- **Municipal Solid Waste (MSW):** Separate valuable recyclables from fines and organics
- **Construction & Demolition (C&D):** Remove insulation, films, and packaging from rubble
- **Commercial & Industrial (C&I):** Improve recovery of flexible plastics and papers
- **Solid Recovered Fuel (SRF) & Refuse Derived Fuel (RDF):** Enhance calorific value by removing contaminants including aggregates
- **Biomass:** Clean wood streams for efficient combustion or processing
- **Automotive Shredder Residue (ASR):** Pre-clean for downstream recovery or processing

Inside the Innovation: R&D Insights

"The new ADS is the result of months of iterative development and real-world testing," says Dave Lansdell, Technical Sales Director at Impact. "Our goal was to simplify operation while enhancing precision—especially for difficult or variable feedstocks."

This input from frontline engineers and industry partners has shaped a system that not only works better—but works smarter.

Real-World Results: ENVA Case Study

At ENVA's plastics recovery facility based in Bourne Lincolnshire, the Air Drum Separator proved its value fast.

"Impact's ADS has been a fantastic addition to our process," says Bernard McCulloch, Engineering Services Manager at ENVA. "It's significantly improved the purity of our plastic streams and runs consistently with minimal intervention. The results have been nothing short of spectacular."

Thanks to its performance and reliability, the ADS helped ENVA move closer to its zero-waste goals while improving operational efficiency.

More Than a Machine: Ongoing Support That Matters

Investing in an ADS means more than buying a piece of equipment—it's entering a partnership. Our sister company, Impact Technical Services, ensures every system stays in peak condition.

With tailored maintenance contracts, quick delivery of spare parts, and a 24/7 response capability, we keep systems running efficiently long after installation. Many of our clients operate critical, high-throughput plants—our commitment is to keep them moving.

Try Before You Buy: In-House Test Facility

To support customers in making confident decisions, Impact offers a fully equipped in-house test facility. You can bring or send material samples to see the ADS in action—and witness the performance gains for yourself.

"When clients see the ADS run their material, they immediately understand its value," says Andrew Vicary, Technical Sales Manager. "It's a game-changer."

A Global Footprint, Powered by British Engineering

With systems installed across Europe, North America, and Asia, Impact is proud to deliver British-engineered solutions on a global scale. We combine deep technical expertise with localised support to ensure every system is set up for long-term success.

Our network of regional partners, agents, and field technicians ensures that our customers receive local expertise and a personal touch, wherever they are.

Invest in the Future of Waste Recovery

The Air Drum Separator is more than a machine—it's a strategic investment in the future of recycling. Cleaner material streams, better recovery rates, and simplified operations add up to real competitive advantage.

As regulations tighten and pressure grows to achieve circular economy goals, the right equipment matters more than ever. With the ADS, waste processors get a powerful, proven solution ready to meet tomorrow's demands.

Who We Are: British Innovation in Air Technology

Since 1989, Impact Air Systems has been designing and delivering smart, reliable air-based solutions for material handling and waste recovery. From factories producing cans and cartons to high-throughput recycling plants, our systems help businesses capture more value, cleanly and efficiently.

Headquartered in Leicestershire and now part of the Addtech Nordic AB group, we've completed thousands of projects across more than 20 countries—each one tailored to meet the needs of modern manufacturing and recycling.

With a deep engineering heritage, a dedicated service arm (Impact Technical Services), and a team focused on long-term support, we're proud to be a trusted partner to leading recyclers and producers worldwide.

Why Choose Impact?

- Over 35 years of experience in air technology and recycling solutions
- Regionally based technical sales team supported by global agents and partners
- 150+ installations delivered annually across the world
- Trusted British engineering known for durability and innovation
- Complete in-house service: design, CAD, project management, commissioning
- Dedicated aftercare through our sister company, Impact Technical Services

See the full range of solutions at: www.impactairsystems.com



Heavy (non-plastic) materials discharged from ADS



Light (rigid plastic) materials discharged from ADS



SRF recovered with further processing from the Impact ZAC

Maintenance Tips for Suspended Electromagnets

By John Klinge, Eriez® Director-EMEA Operations & Strategy

Proper care and routine maintenance checks go a long way toward saving money and the headaches that come with downtime, especially when it is preventable. Routine checks are critical for all types of equipment, especially in quarry plants, cement plants, mines and recycling operations.

Suspended electromagnets (SE), which are available in both self-cleaning and manual cleaning models, have an average lifespan of 20 years. To reach or even exceed that, it is important for plant operators to schedule preventative maintenance checks to minimize costly downtime.

Here are some tips to keep equipment – specifically SE magnets – in operating condition regardless of the application or environment. Many of these topics can be applied to all SE magnets suspended above conveyor belts.

For manual clean suspended electromagnets, maintenance is straightforward. Plant operators should check suspended electromagnets once a shift or daily for tramp iron that may have built up during operation. When removing tramp iron, the timing is based largely on how much tramp is attracted to the magnet. Don't let too much tramp iron build up on the magnet before turning it off to clean it. A cleaner magnet is a stronger magnet!

At a minimum, product buildup and dirt should be cleared from the top of a suspended electromagnet once a month. Limestone dust, for example, can collect on top of the magnet box and act like an insulated blanket, which can weaken the magnet's strength by heating it beyond its operating temperature. A cooler magnet is a stronger magnet!

Maintenance tips for self-cleaning suspended electromagnets are included below.

Check Rubber Belt Daily

Conveyor belts around the suspended electromagnet are available in a variety of widths based on the size of the magnet, but the same maintenance protocol applies since the equipment has its core functionality: the heavy-duty rubber belt and pulley are set up to discharge tramp iron from the magnet.

Put safety first when checking the belt on a self-cleaning suspended electromagnet. Stop the belt before troubleshooting or performing checks and maintenance. Routine inspections are required to increase the life of a suspended electromagnet belt. Plant operators can inspect a belt in the morning, only to discover a hole in it that afternoon.

On average, a rubber belt can last anywhere from 6-12 months, but it really depends on the sizes and shapes of the tramp iron traveling on a conveyor that are attracted up to the magnet. One large piece of tramp iron can destroy the belt on a self-cleaning suspended electromagnet, but the cost of a

replacement belt pales in comparison to the damage and downtime that could be caused by this tramp metal destroying a long conveyor belt, crusher, or other equipment downstream of the magnet.

It is important to keep the belt around a suspended electromagnet running when it is energized. When running, it acts like a fan and helps to cool the magnet. Remember, a cooler electromagnet is a stronger magnet!

Since you cannot predict tramp iron and belt damage, it is very important to keep a spare belt on hand, as well as a belt repair kit. The kit includes rubber patches and epoxy compounds to repair small holes in the belt.



Check Belt Tension Monthly

Efficient belt operation can be achieved without applying excessive tension on the pulleys.

If the tension is too tight, it can cause premature failure of the rubber belt, pulley shafts or bearings. If the tension is too loose, excessive sag could result in interference from the belt onto the conveyor the aggregate is traveling on.

The belt should only be tightened enough to prevent slipping when conveying tramp iron off the magnet. For best performance, have 1-2 inches (25-51 mm) of sag at the ends of the magnet corner. Three inches, or 76 mm, at the center is acceptable unless it interferes with material flow.

Grease Bearings Monthly

Lubricate bearings on a schedule consistent with other equipment in the same environment. A NGL1 No. 2 lithium-based grease is recommended.

A simple pump from a grease gun every month makes a noticeable difference. Limestone and cement dust will destroy bearings in short order if not lubricated on schedule. A destroyed bearing will lead to a costlier repair if the pulley shaft gets damaged. After 250 hours of running, check pulley hubs and tighten the screws to 17 lb.-ft. (23 Nm) of torque.



Check Oil Yearly

Lastly, make sure to check the oil level on all suspended electromagnets once a year. If low, fill it to the proper level and find the source of the leak. The transformer oil should be

changed every five years. In between, filter press the oil. A suspended electromagnet is strongest with fresh oil having a higher KV value.

Contact a Technician or Service Center for More Help

Routine checks and scheduled maintenance (procedures many plant operators already have incorporated into their production schedule) can go a long way in extending the life of a suspended electromagnet and avoiding costly downtime.

Remember, while the lifetime of a suspended electromagnet is fairly predictable, the life of a rubber belt can vary, so it is highly recommended to have a spare belt and belt kit on hand and at the ready.

Plant operators should also consider contacting a technician or service center, to help keep production moving. The Eriez Service Center offers a 24/7 service hotline, on-site field service, plenty of stocked spare parts, and factory repairs that come with full "as new" warranties. For more information or an immediate estimate, call +44 29 2086 8501 or visit eriez.com.



Blue Machinery becomes Exclusive Terex Ecotec Distributor

Blue Machinery is delighted to announce that it has been appointed as the official distributor for Terex Ecotec across England, Scotland and Wales. This significant development means that Blue Scotland, Blue Central, and Blue Southern will represent the full Terex® Ecotec portfolio within their respective territories, strengthening Blue's position as a leading supplier of recycling and waste processing equipment.

Terex Ecotec is recognised globally as a pioneering brand in the environmental sector, offering a comprehensive range of equipment solutions for waste processing, biomass production, material recovery, wood processing, and green waste applications. As an industry-leading manufacturer, Terex Ecotec's portfolio is designed to meet the growing demands for sustainable and high-performance environmental machinery.

Ecotec Train



TBG 530T



This appointment marks an exciting new chapter in Blue Machinery's long-established relationship with Terex, representing brands such as Fuchs, Powerscreen, MAGNA, Green-Tec, MDS and Terex Washing Systems. The addition of Terex Ecotec enables Blue to deliver an even broader suite of integrated solutions to customers operating in a range of different industries.

The Terex Ecotec product range includes an extensive array of shredders, trommel screens, metal separators, windrow turners, tracked conveyors, and waste handlers which

complement Blue Machinery's existing Fuchs scrap handler lineup.

In addition, Blue Spares are now the authorised supplier of genuine Terex Ecotec OEM parts across England, Scotland and Wales. With established depots in Warrington and Stirling, Blue Spares is fully stocked with Terex Ecotec parts and ready to support customers with industry-leading spare parts availability, backed by decades of expertise and an unwavering commitment to maximising uptime across the UK.

Terex Ecotec offers a versatile selection of mobile environmental equipment, built to help operators reduce waste volumes, improve material quality, and increase productivity across a wide variety of recycling and recovery applications. From mixed commercial and industrial waste to green waste, wood waste and biomass, the range provides robust solutions engineered for maximum throughput, ease of transport, and reliable performance in demanding working conditions.

Within the shredding range, Terex Ecotec delivers high-torque, heavy-duty slow-speed, mid-speed and high-speed shredders, designed for primary and secondary processing. These models are ideal for reducing bulky waste streams such as MSW, C&I waste, timber, pallets, green waste, and biomass, producing a consistent and controlled output that supports downstream screening, separation, and reprocessing.





TDS 815



TDS 820 - Waste Wood

To further refine processed material, Terex Ecotec also supplies a variety of screening and separation solutions, including trommel screens, recycling screens and metal separators. These machines are designed to improve product quality and maximise recovery rates by efficiently separating fines, oversize material and contaminants, helping operators create higher value end products while optimising site flow and reducing handling time.

Terry Hughes, Managing Director at Blue Machinery (Southern), comments: "This is an exciting time for everyone at Blue and we are delighted to further strengthen our longstanding ties with Terex and work now with Terex Ecotec in the ever-growing environmental sector. Their extensive range of high quality and reliable products allows us to offer to our loyal and growing customer base a wide range of industry leading, cost effective and high value processing solutions, and further strengthens our position as one of the UK's primary suppliers of environmental machinery."

Conor Hegarty, Business Line Director at Terex Ecotec, adds: "Having Blue represent Terex Ecotec in England, Scotland and Wales is an important milestone for our brand and for environmental customers across the region. Their expertise and heritage in the recycling and environmental industries take

Terex Ecotec onto our next phase of growth. This, alongside Blue's extensive relationship with Terex, will give customers confidence that they will continue to be



TTS 620T (2025-Present) - Sand

supported by industry experts. Together, we're focused on delivering innovative, reliable environmental solutions that help drive sustainability and performance."

To learn more about the Terex Ecotec range, get in touch with your local Blue Machinery dealer:

Blue Scotland: 01786 469444

Blue Central: 01606 261262

Blue Southern: 01275 285285

For all parts enquiries, contact Blue Spares on 0345 130 0669.



TBG 530T

PowerX Equipment – Driving Performance for the Aggregate Industry

The old saying goes, ‘never judge a book by the cover’, and when you take a closer look at how PowerX Equipment is innovating the aggregate and mineral processing industry, you will find that there is more to the company than what meets the eye.

We recently visited the West Midlands based organisation to discover how they are providing efficient and professional solutions that are not only driving the company forward, but they are also changing the landscape of the industry.

Although only founded in 2020, the PowerX Equipment team boasts over 40 years of experience in crushing, screening, and washing minerals. In that short space of time, the company has established itself as a leading supplier and installer of innovative aggregate processing solutions that meet the demanding requirements of the construction, quarrying, mining, and recycling industries.



Led by CEO, Alex Moss, and Luke Talbot, Managing Director, the company thrives in an industry that is facing challenges from all directions including, product quality expectations, environmental and health and safety issues and rising pressures on production costs.

At the core of their vision, is the drive to become the United Kingdom's number one minerals and aggregate processing solutions and installations provider. Taking the industry to the next level with forward thinking, innovative design that improves production performance and brings profitable results for customers and clients.

The PowerX Equipment business in the UK is structured into four strategic areas.

1. Design, supply and installation of static and modular Washing Plants & Water Treatment solutions.
2. Mobile Crushing, Screening and Rinsing equipment hire.
3. Contract aggregate processing services.
4. Spares & Servicing.

In addition, the company has been building a presence globally. They have taken their unparalleled industry experience and formed a growing business supplying equipment solutions to quarrying, mining and infrastructure development clients across the harshest environments on the African continent.



Delivering Results for Blue Chip Companies.

The company has an extensive back catalogue of high-profile projects and has completed installations and processing contracts for an array of leading blue chip aggregates companies such as Heidelberg, Breedon, Holcim, Cemex, Tarmac CRH and NRS, to name but a few.

Add to that the experience of working on some of the biggest infrastructure projects in the UK including HS2, Aberdeen Bypass, A14 and other major contracts, the company has successfully processed in excess of 140million tonnes of minerals, on a unit cost basis, for some of the biggest UK construction businesses.

Focussing on building strong working partnerships with every client is the foundation stone on which PowerX Equipment operates. Success has been borne out of the professionalism, confidence, and integrity that they demonstrate on every project, and has ultimately led to repeat business.

Finding Solutions That Drive Productivity

With aggregate processing companies looking to maximise tonnage rates, whilst meeting sustainability and environmental challenges, and at the same time control expenditure; finding the right solution to meet customer demand and improve production is something PowerX Equipment is highly experienced in delivering.

Utilising the extensive knowledge contained within the team, the company are adept at finding the bespoke solutions that overcome the challenges that customers face. Whether that is the need to increase volumes, process a wider array of materials, reduce production costs, or improve product quality.

World Class Original Equipment Supplier.

The roster of equipment solutions that PowerX supplies are sourced from the leading aggregate processing machinery manufacturers including Terex Powerscreen for mobile solutions, TerexMPS for static processing options and Advanced Mineral Processing SL for aggregate and sand classification.

To complement the range of high-performance processing machinery, the company also supplies and installs high performance filter presses and water recycling and treatment plants from Matec Industries and MS to provide sustainable washing plant solutions that minimise natural resource wastage.

Crushing, Screening & Washing Technology That Delivers

The crushing portfolio on offer spans the full spectrum including jaw, impact, and cone crushers which are designed to manage everything from hard, abrasive rock to recycled aggregates.

The high-performance ranges cover static solutions that can be integrated into a washing plant through to powerful mobile variants that provide incredible flexibility for those applications where it is more efficient to manoeuvre the equipment across larger work sites.

The company's screening solutions are equally comprehensive and suit the widest ranges of applications, from static variants through to modular and mobile machinery, to rinsing and dewatering screens. All options deliver optimised quality control and process high volumes of material to maintain consistent production performance.

Bringing these components together with state-of-the-art washing and water-treatment systems, PowerX leads the way in providing solutions that help clients produce high quality, clean aggregates that meet the stringent specifications required by their customers.

Innovation To Maximise Customer Success

PowerX Equipment continues to lead through innovation, collaboration, and an unwavering focus on customer success. By delivering robust, high-performance solutions that are tailored to the daily challenges of the individual client, the company empowers them to increase tonnage rate profitability and efficiency, enhance product quality, and stay competitive in a demanding industry.

The company's success is rooted not just in technical capability but in its culture of partnership.

Luke Talbot, Managing Director, quoted 'By treating each potential client's project as the stepping stone to a long-term relationship rather than a singular transactional sale, we have earned the trust of some of the largest and most respected names in the aggregates and minerals processing sector'. 'PowerX Equipment is changing the landscape of the aggregate processing industry with each and every project and installation. Our customers know that they can rely on us to not only supply exceptional, world class equipment but to stand behind it with unwavering support.'

In an industry where performance, reliability, and sustainability are more important than ever, PowerX Equipment is setting the benchmark.



QMS announces export success

Quarry Manufacturing & Supplies has recently fulfilled a number of orders for members of its award-winning cone crusher family. Various B3 cone crushers have in recent months been ordered and installed in France, Belgium and East Africa.

B-Series Cone Crushers are manufactured by QMS in the UK. They are designed and built to deliver class leading cone crushing performance, dependability, and ease of operation, all backed by market leading after sales support. "The B-Series cone crushers combine robust design and high performance with a combination of high motor power, large throw and higher speed giving these crushers capacities greater than other crushers of comparable size," explains QMS managing director Jonathan Beck. "These features, and others, were identified by our new customers in France, Belgium and East Africa."

B-Series cone crushers have been designed to meet exacting product quality demands, with the crushers producing material of excellent shape and high quality with setting adjustment being easily made during production in seconds. A unique hydraulic system provides automatic overload protection by allowing the head assembly to drop thereby permitting the passage of tramp iron and other non-crushable material. The system then automatically returns the head assembly to its original position. These, and other features, have seen new QMS B3 Cone Crushers designed, manufactured, shipped and installed in France and East Africa.

Designed for secondary crushing

B-Series cone crushers are also available in XC versions, with the B-Series XC crusher being specifically designed for use in secondary crushing applications. It has very large intake capability and high capacity in relation to its size which is achieved with a very long crushing chamber. To provide optimal operation economy, the long chamber is divided in three sections - upper concave, lower concave and mantle - which can be exchanged at different intervals. Jonathan Beck says of the XC, "Replacing a conventional secondary cone crusher with a B-Series XC cone crusher will revolutionize the performance of the whole plant. The setting of the primary crusher can be increased, resulting in higher capacity, lower operating costs, and higher levels of reliability. One such B3 XC Cone Crusher was recently installed and commissioned for a very happy customer in Belgium."





Leading edge control system

All the B-Series cone crushers come integrated with QMS' Complete Crusher Control (C3) which controls all aspects of the crusher operation. "Operating the crusher could not be simpler: the automatic start up routine incorporates cavity calibration to compensate for liner wear; automatic adjustments are made to the crusher setting to give consistent and reliable product shape. Pressure and power in relation to load are automatically adjusted to suit rock properties, moisture etc. All influencing conditions are taken into consideration, 24 hours a day," explains Jonathan Beck.

Furthermore, C3 automatically monitors all health functions and provides the operator with information via a touch screen HMI (Human Machine Interface). This screen can be located at the side of the crusher or within a control room via an integrated ethernet connection. The remote touch screen gives full process control, and displays continual real time monitoring of all parameters, and logs all events and alarms. The operating hours of the crusher can be seen at a glance, both on and off load. Energy costs can be calculated as C3 records kW/h used.

Jonathan Beck concludes: "The touch screen PLC also stores pdf versions of all operator manuals, spare parts list, and electrical layouts and includes the main and auxiliary starters, eliminating the need for any third party electrical equipment. As C3 is an integrated part of the crusher system, it also eliminates nearly all local electrical installation work. The only requirement is for power to be connected. As our new customers in France, East Africa and Belgium have told us, this feature makes a real difference in the field."

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Kleemann | Sand, gravel – and woman power

Screening systems demonstrate their reliability and output in Connecticut

Sand, gravel, and topsoil is processed in an open pit in Broad Brook, Connecticut. Here, two mobile screening plants from Kleemann guarantee an optimal output and top results. They process the material used to produce asphalt, concrete and bedding sand.



The mobile scalping screen MOBISCREEN MSS 802 EVO is used mainly in the processing of topsoil and gravel.

Enthusiasm for Kleemann screening plants

Two mobile screening plants from Kleemann are at the centre of the company's operations: the MOBISCREEN MSC 953 EVO classifying screening plant for the production of sand and the MSS 802 EVO scapler for screening topsoil and gravel. Both plants were originally only rented, but then became permanent. Satisfaction was so high that additional Kleemann plants were purchased within a very short time. The screening plants are supplemented by the MOBIBELT mobile stockpile conveyors, which simplify construction site logistics and increase productivity.

For over two years, Pierce Builders has been operating the sand/gravel pit in Broad Brook. Owner Alescia Pierce is the head of production. As the manager of the mining operation, she is supported by other women at the machines and assisting with the organisation. But Alescia Pierce not only manages the mine, but also lends a hand herself.

Reliable, operator-friendly, efficient

The mobile scalping screen MOBISCREEN MSS 802 EVO is used mainly in the processing of topsoil and gravel. Its performance and handling are a source of enthusiasm for the boss: "I love the scalping screen. I have years of experience in

screening topsoil – and then along comes this screen and everything just tumbles through it." Manual removal of root parts and clogged hoppers are a thing of the past. For her, the MSS 802 EVO "is the best machine available for this purpose."

The classifying screen MOBISCREEN MSC 953 EVO is used for the production of different sand types for asphalt, concrete, and ballast material. Its strength: High output combined with simple operation. With dry feed material, an output of up to 3000 tons a day is possible; output with wet material is approximately 1500 tonnes. The average daily fuel consumption is just around 40 gallons. Operation is convenient via a mobile control device – the days of lever operation are over.

Trouble-free processes – state-of-the-art technology

The plants are loaded by John Deere wheel loaders and excavators. Three mobile Kleemann stockpile conveyors assist with material stockpiling. When it comes to construction site logistics, the company generally relies on state-of-the-art technology. The John Deere Operations Center guarantees trouble-free processes. The central platform for managing entire construction sites forms an interface between operators and machines on the construction site and the office of site managers and dispatchers.

Good machines, excellent service



Owner Alescia Pierce is convinced by the Kleemann plants.

Apart from the machine quality, the deciding factor in favour of Kleemann was the service from the regional US dealer for the Wirtgen Group. "We work very closely together and are delighted when we find good solutions for the dedicated team," says Greg Hurlburt from WI Clark. Alescia Pierce is also very satisfied with the cooperation: "We have a great combination of excellent machines, state-of-the-art construction site logistics, and fast, uncomplicated support."

The classifying screen MOBISCREEN MSC 953 EVO impresses in the production of sand

Optimising screening processes.

Reducing wear.

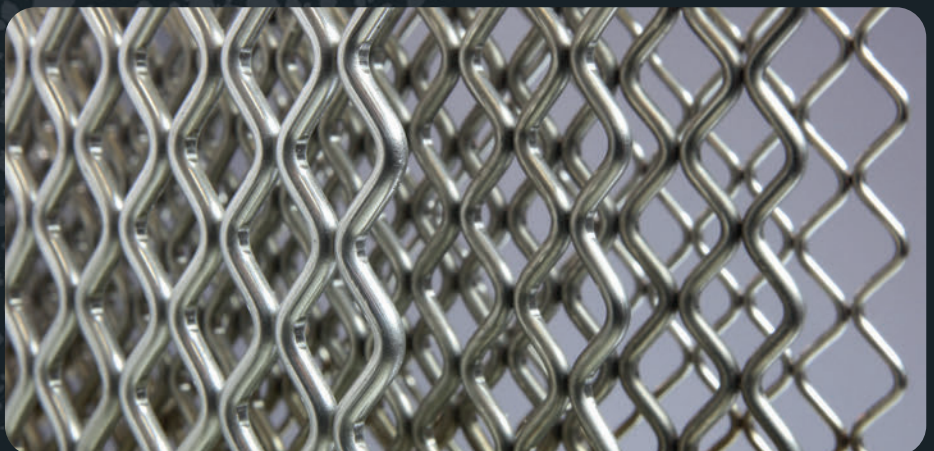
Conserving resources.



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From stockpile to valuable aggregate: the MB Crusher cost-saving solution

Turning waste into a valuable construction material is nothing new for Fortis. For more than 20 years, the company has been producing IBA aggregates, marketed as Fortistone®, through the thermal treatment of municipal, commercial, and industrial waste. What was once a disposal problem is now a proven resource for the construction industry.

But even well-established processes have their pressure points. For Fortis, that pressure came in the form of oversized material building up during production — a challenge that was solved by introducing the MB Crusher BF90.3 jaw crusher bucket. The solution turned out to be simpler, smarter, and more efficient than expected.

From waste ash to working infrastructure

Incinerator Bottom Ash, or IBA, is the residue left after waste is burned. Historically, it was seen as difficult and low value. Today, it is widely recognised as a reliable secondary aggregate, suitable for road sub-bases, footpaths, car parks, and structural platforms.

By diverting IBA from landfill and processing it into a saleable product, Fortis has created a clear win-win: reduced landfill dependency and a new revenue stream. Over the past decade alone, the company has recycled, processed, and supplied more than four million tonnes of IBA aggregates to the UK construction sector.

No one can avoid the stockpile problem.

Like all IBA processors, Fortis faces a natural challenge during the maturation phase. Heat and moisture can cause parts of the material to harden and bind together, forming oversized clumps. Anything above 65mm cannot be used directly in the final product.

At first, the oversize material was simply stockpiled. Over time, those stockpiles grew. Recirculating the material back through the plant was an option, but it came with drawbacks: extra handling, increased wear on equipment and rising operating costs. It was clear that a more efficient approach was needed.

Enter MB Crusher

Fortis fitted an MB Crusher BF90.3 jaw crusher bucket to its Volvo EC220 excavator. The impact was immediate.

The BF90.3 crushes the hardened clumps down to 40mm, the ideal size to reintroduce into the production process. Instead of sitting idle in a stockpile, the oversize material becomes usable product again.

There was another bonus. Crushing the material also releases trapped metal, allowing it to be recovered more effectively. The result is a cleaner, higher-quality secondary aggregate and improved recycling performance overall.

A shift from problem to process advantage.

Luke from Fortis explained how the MB Crusher attachment changed day-to-day operations.

What had once been a growing logistical headache became a controlled, on-site process. Oversize material was no longer a burden but a manageable part of production.



"The BF90.3 has reduced recirculation of oversize, with subsequent reductions in processing plant wear and OPEX costs," Luke said.

By handling material directly at the stockpile, Fortis cut unnecessary movements, reduced strain on the main plant and simplified stockpile management.

Why secondary aggregates matter.

Secondary aggregates, such as IBA, are by-products from other industrial processes that would otherwise go to waste. Their use in construction reduces reliance on virgin materials and helps preserve natural resources.

Fortistone® offers an additional advantage: it is more cost-effective than virgin aggregate and carries no tax levy. For contractors, that means lower material costs. For the industry, it represents a tangible step towards lower environmental impact and potential carbon reduction.

As Luke put it: "IBA Aggregate, marketed as Fortistone®, is a more cost-effective and sustainable solution than virgin aggregates. Its use in construction demonstrates a clear commitment to the environment and the preservation of natural resources."

Designed for the operator too.

The benefits are not just measured in tonnes and costs. Operators quickly noticed the difference in the cab.

"You can hardly hear it," said one operator. "It is not silent, you know it is working, but it is very bearable. It is operator-friendly and does not shake you around."

A practical investment with lasting results

Fortis' decision to invest in MB Crusher technology was driven by a simple goal: reduce stockpile pressure without adding complexity or cost. The result has been improved efficiency, better material recovery, and a more resilient production process. For companies facing similar challenges with oversized aggregates, Fortis' experience shows that the right attachment can turn an unavoidable by-product into a controllable, value-generating part of the operation.

Crushing greener and better

Balancing the push to cut emissions and keep operators like Fox Group. Building a fleet of machinery that can be as efficient with fuel as they are performing tasks is pivotal to this mission. So when Omega Crushing and Screening came forward with a productive, all-electric crusher, the team knew it had to be part of their train.



Established in the North West in 1932, Fox Group has built its success by meeting needs at every part of the construction cycle. From managing site clearance, demolition, earthworks and remediation to producing and supplying recycled and primary aggregates, concrete and asphalt, or offering contracting and civil engineering services; by having many strings to their bow, the group gives the local construction market the backing

they need.

Strength in sustainability

Led by the fourth generation of the founding family, Paul Fox, his main focus is on making operations more sustainable to ensure the group is ready for the next 90 years. "Lots of sector operators claim they're sustainable," he explains. "But our whole business model is built around the circular economy."

"Wherever possible, we look to reuse and repurpose materials, and help our customers do the same. We produce premium, certified recycled aggregates that meet WRAP Quality Protocols. Our robust Environmental Management System also helps us have tight sustainability control, including over our fleet and plant equipment, where we're always looking to add greener options."

Their Preston wash plant processes more than 500,000 tonnes of excavation waste per year, turning it into premium sands and gravels for reuse in construction projects. Already helping customers make their building practices more environmentally

responsible, the team wanted to upgrade the equipment to boost the process's sustainability. For this, they turned to Omega Crushing and Screening.

Zero emissions

New to the market, Omega is a specialist in developing zero-emission mobile crushers and screeners. This environmental focus made them a natural equipment partner for Fox Group. As Director for Omega's dealer partner OnTrax Equipment Ltd., Jonny McNaugher says, "Paul Fox has a real drive to run a cleaner, greener, more sustainable company. They already have electric wagons in the fleet which have been a success for them."

"When we were in discussions with Paul, the main focus was getting the machine in to demonstrate and prove the electric concept. After which, we placed the crusher on the Preston site, where it's been running for three or four months now. We're already getting some really good operator and service engineer feedback. It's a huge compliment to our machine for it to be trusted by such a big organisation as Fox Group."

The chosen machine is the Omega J1065T Tracked Crusher, which is designed to deliver the power and reliability needed for quarry, mining and recycling applications. Equipped with all-electric drive and dual power options, it gives the Fox team flexibility as they transition away from diesel.

"Every component of this machine is run using an electric motor, whether that be your feeder, jaw box, the main conveyor or the fines conveyor" Jonny explains. "We can then decide whether we run these parts using the on-board generator (which is more fuel efficient than others on the





market) or by plugging it into the mains supply. Currently in Preston we're using the onboard generator, though Fox intends to plug in the machine once the right infrastructure is in place."

Max efficiency

Alongside minimising noise and fumes in the enclosed space where the machine is operating, this drive design has also boosted the site's fuel efficiency. "Compared to the replacement model, which was a diesel hydraulic concept, we're saving the customer around 15L per hour," says Jonny.

"Previously, they were using 25L fuel, now we're only using 10L. When we crunched the numbers, we worked out that saving to be about £25,000 to £30,000 per annum. We're currently preparing for a new asphalt plant. Once this is up and running and the machine is plugged in, we will get significantly lower costs again, saving potentially £36,000 per annum, plus eliminating 95% of servicing costs."

The other machine components are also designed to maximise productivity. The hopper has a Hardox 400 construction and 3.8m³ capacity, meaning it can deal with large volumes of the roughest aggregate.

Similarly, the jaw box has a large feed opening of 1000mm x 650mm. With a heavy duty shaft and bolted mainframe, the

speed can also be adjusted between 270rpm and 310rpm depending on the materials and applications.

The vibrating feeder is declined, with a stepped grizzly section to help with materials flow, plus it's Hardox lined to deal with rough materials. The discharge conveyor has a 900mm wide belt, an overhand magnet, a self-cleaning spoke and is driven by a powerful motorised head drum pulley. It can also be lowered or removed from the machine, as well as being hydraulically raised and lowered for rebar clearance.

The tracks have a proportional hydraulic control, with the hopper also having hydraulic locking and folding plates. This makes it quick and safe for the team to set up the machine on-site, with all the operations performed at ground level. Other machines in a train can also be powered via the J1065T, minimising emissions with a straightforward setup.

"For us, this crusher strikes the right balance between sustainability and productivity," says Paul. "It's great that newcomers like Omega are bringing genuinely practical and innovative options to the table for large-scale operators like us. The fact that we can cut fuel and emissions without sacrificing our throughput is a win-win for our business."



Why Cost Per Tonne Inspections are Transforming Screening Media Management

Across the UK quarrying industry, the focus on efficiency has never been greater. Rising operating costs and increasing customer expectations mean that every decision must deliver measurable value. At TEMA ISENMANN, we believe that one of the most effective ways to achieve this is through a cost per tonne approach to inspecting, maintaining and replacing screening media, supported by scheduled site inspections and experienced field service engineers.

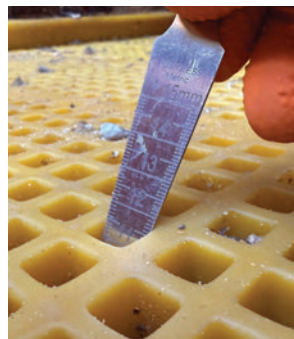


Due to the ever-present need for production, it has often been the case in recent years that maintenance is reactive as opposed to preplanned and scheduled. Media is replaced when they fail, budgets are set based on historic spend, and performance issues are often only addressed once non-conforming material appears. A cost per tonne inspection regime turns this model on its head by placing data, planning and prevention at the centre of maintenance strategy.

The first major benefit for customers is the ability to accurately forecast annual expenditure on screening media. By monitoring how many tonnes each deck or item of screening media processes before reaching the end of its effective life, we can establish a reliable cost per tonne figure. This allows quarry operators to predict annual spend based on planned production volumes rather than relying on rough estimates or last year's figures. The result is far greater financial control. Maintenance and procurement teams can set realistic budgets, avoid unexpected costs and remove the need for emergency purchases. Over time, this transparency helps demonstrate the true value of high performance TEMA ISENMANN screening media, where longer wear life and consistent performance deliver a lower cost per tonne, regardless of the initial purchase price.

Regular pre-scheduled inspections also play a crucial role in ensuring that the final product remains within specification. Worn or damaged screening media is a common cause of oversized or undersized material contaminating finished stockpiles. These non-conformities can lead to rejected loads,

customer dissatisfaction and costly reprocessing. Through scheduled cost per tonne inspections, the condition of the screening media is assessed before performance drops below acceptable levels. Aperture wear, media movement and early signs of failure can all be identified and addressed proactively. This ensures that material leaving the site consistently meets specification, protecting both revenue and reputation.



A key part of this approach is the utilisation of TEMA ISENMANN's regenerated field service engineers. Each brings previous hands-on industry experience, meaning they understand the real-world pressures of running a quarry. They are not just inspecting screening media, but evaluating the entire screening process, including

feed conditions, material characteristics and installation practices. The expertise that each of the field service engineers offer also advances the plant operation with areas outside of the general remit that TEMA ISENMANN traditionally offer solutions to such as worn steelwork, missing bolts and chute blockages. Their recommendations are practical, application specific and focused on improving performance over the long term. By working closely with site teams, along with a full report to record on-site activities, our field service engineers help optimise media selection, identify wear trends, extend service life and reduce the risk of unscheduled downtime.

Ultimately, cost per tonne inspections are about partnership rather than product supply. By combining high quality TEMA ISENMANN screening media with regular inspections and expert field support, customers gain clarity over costs, confidence in product quality and greater control over their operations. In an industry where margins are tight and reliability is essential, this approach offers a smarter, more sustainable way to manage screening media and keep production moving efficiently.

Metso highlights the benefits of Life Cycle Services

In a recent announcement, Finnish crusher manufacturer, Metso announced an uptake of their Life Cycle Services (LCS) contracts which rose by 100 in 2025 alone – an increase that Metso said is ‘reinforcing its position as a leading partner for aggregates and mining customers’.

Boosting the more than 600 active contracts in operation globally, Metso said that the purpose of their LCS programme is to ‘support customers in maximising uptime, productivity, and operational safety through proactive partnerships, digital solutions, and sustainability supporting strategies’.

Headquartered in Espoo with a presence in almost 50 countries and sales of EUR billions, Metso is a global supplier whose reputation is built in aggregates and mining, with fixed and mobile crushers, screeners, and all of the ancillary equipment and services aggregates producers would need.

Popular is their Lokotrack range of mobile crushers distributed in the UK by McHale Plant Sales from headquarters in Tamworth and Edinburgh and, in Ireland, from bases in Dublin’s Rathcoole district and a Head Office in the mid-west village of Birdhill.

With their LCS contracts, Metso enticingly state that their comprehensive service portfolio and expert network enable customers ‘to achieve their business targets while advancing environmental responsibility’.

Noting that ‘the specific financial details of signed agreements are not disclosed’, the average duration of a contract is three years but can range from 12 months to multiple years as required.

At the heart of all LCS service contracts are four core values and benefits: Equipment Protection, Equipment Support, Maintenance and Maintenance & Optimisation.

Equipment Protection covers such matters as cost structure, anticipating and minimising unexpected equipment failures, extended warranties that cover repairs or replacements on key parts, comprehensive inspections, and other services designed to keep equipment running smoothly.

Equipment Support combines scheduled inspections, spare parts supply, monitoring and other matters designed to protect assets and help achieve longer life for crushing and screening equipment.

To prevent unplanned downtime, Maintenance Service is focused on cost-efficient reliability involving support in developing maintenance approaches, and critical maintenance activities such as wear part replacement, component changeouts, tooling, training, and safety.

Maintenance & Optimisation delves into topics relating to the production of high-quality end product, minimising resources needed, access to simulation tools, crusher profiling services, and liner wear rate optimisation so they last longer and less waste is sent to landfill.

Marking a shift on Metso’s part towards outcome-based partnerships and performance-driven business models, what they call their ‘ground-breaking LCS model’ has been in existence for over 15 years.

The framework offers three partnership levels: Stability, Optimisation, and Growth, covering scopes from basic parts supply to full flowsheet-level operations.

For aggregates producers, Metso describes their LCS as “our way of partnering for performance.

Enabling customers to reduce capital investments, improve reliability, and achieve predictable performance, concepts, they reinforce Metso’s commitment to proactive, sustainable solutions that help customers maximise uptime and operational excellence – a portfolio that is ‘constantly expanding with new solutions,’ they add.

“We help customers focus on what truly matters, delivering reliable outcomes by supporting customers in achieving their strategic goals – by scaling expertise, sharing risk, and driving continuous optimisation”.

“Our commitment is to provide a partnership level that aligns with each customer’s strategy and targets, enabling them to concentrate on growing their business,” Metso adds.



DESIGNED TO TACKLE DIVERSE APPLICATIONS



MDS M515 ROCK TROMMEL

The **MDS 515** is engineered to excel in tough environments — from crafting high quality RipRap to recovering rock heavily bound with clay and other adhesive materials.

With its powerful screening ability, the **MDS M515** features:

- **4m fines section**
- **1.5m mid product section**

Delivering efficient separation and performance across demanding applications.

**FIND YOUR
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For full product details, videos, and dealer locations, visit:

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QUARRY

- Blasted Rock
- Rip-Rap/Armour Rock
- Gabion Stone
- Overburden
- Pre-Crushing
- Pre-Screening



MINING

- Granite
- Basalt
- Iron Ore
- Copper Ore
- Nickel Ore
- Coal



CONSTRUCTION & DEMOLITION WASTE (C + D)

- Rubble Recovery
- Demolition Waste
- Primary Processing



RECYCLING

- Compost
- Top-Soil
- Woodwaste
- Steel slag
- Scrap metal



Metso enhances its customer service in China with a new rubber products factory

To meet growing demand and improve service for its regional customers, Metso is investing in a new rubber products plant in Quzhou, Zhejiang Province, China.

The new factory will offer rubber and Poly-Met mill linings, as well as Trellex® screening media designed to boost both performance and reliability. With this new plant, Metso aims to expand its supply of high-quality, reliable rubber and Poly-Met wear parts in China, ensuring customer access to products that deliver strong performance and availability.

The investment is aligned with Metso's strategy to strengthen its regional operations in key customer markets.

By expanding its manufacturing footprint in China, Metso is reinforcing its commitment to mining and aggregates customers and improving service levels through localized production and supply chain capabilities. This expansion will also enable Metso to provide faster response times, shorter delivery schedules, and an enhanced range of services.

Screening media production at the new plant is scheduled to start during the first quarter in 2026. Mill lining production will commence towards the end of the first half of the year through the adoption of modern technology allowing efficient, high-quality manufacturing of larger and more complex rubber and composite components.

Advanced manufacturing for high-performance products

"Metso has chosen to proceed with this investment in response to growing customer demand within the rapidly expanding mining sector, particularly among our Chinese customers who have similar requirements. Quzhou was a logical choice, as it also hosts our top-tier foundry. This allows us to provide our customers with the latest advancements in rubber, Poly-Met, or metallic mill linings, as well as screening media. This investment strengthens our technological edge and boosts our competitiveness," says Saso Kitanoski, President of Consumables at Metso.

Metso is a global technology leader that supplies key mining sites with advanced mill linings and screening media solutions. These products are designed to enhance reliability, boost performance, extend lifespan, and deliver improvements in cost, safety, and sustainability across both grinding and crushing and screening circuits.

"The new plant will bring value to our customers in China. Localized production will shorten delivery times. Relying on our local supply chain and R&D capabilities, we can meet the various demands of our customers with more flexibility by providing high-quality and highly customized products that comply with Metso's global standards. This strategic investment reflects Metso's long-term commitment to the Greater China market area," says Xiaofeng Liang, President, Greater China market area, Metso.

Recycling construction and demolition materials with the modern solution

Although highly suited to primary aggregate production in quarries and sand and gravel plants, modern mobile material processing and handling equipment have found a real niche in processing materials arising from construction operations. Possessing exceptional productivity but at the same time being fuel efficient, the crushers, screens and stockpilers are now at work throughout the world processing a variety of materials, turning what was once considered to be waste into a valuable resource. Screencore director Ciarán Ryan outlines why mobile screening, crushing and material handling solutions are playing a major role in dealing with construction materials.

Recycling of construction materials involves processing concrete, metal, wood, bricks, metals and glass etc. to reduce landfill use, conserve resources, and promote sustainability. This material, once viewed as 'waste', is generated from construction and demolition activities, with the increasing volume posing significant environmental challenges, making effective recycling and management essential for sustainable development.

Many building components can be recycled where markets exist. Asphalt, concrete, and rubble are often recycled into aggregate or new asphalt and concrete products. Wood can be recycled into engineered wood products like furniture, as well as mulch, compost, and other products. Metals, including steel,

copper, and brass, are also valuable commodities to recycle. In addition, it is estimated that globally hundreds of millions of tons of carbon dioxide could be removed from the atmosphere by recycling and reclamation. This significant reduction in emissions highlights the environmental benefits of recycling construction materials.

Estimates of the C&D material generation indicate mass quantities of the generated materials have traditionally been sent to landfills. Besides environmental concerns, doing this ignores valuable construction materials that through crushing and screening can be turned into a valuable resource. Modern material processing and handling equipment are also equipped with magnetic separators which enable metals to be separated and recycled to be put back into use.

The actual figures are daunting: it is estimated that globally the construction industry generates 1.3 billion tons annually. A detailed report in 2018 titled, 'Characterization of Building-Related Construction and Demolition Debris in the United States', identified that 600 million tons of C&D debris were generated in the United States, which is more than twice the amount of generated municipal solid waste. Demolition represents more than 90% of total C&D debris generation, with just over 455 million tons of C&D debris being directed for reprocessing with just under 145 million tons being sent to landfills. Similar figures are reported throughout Europe and other parts of the world, with India in particular now looking to reduce the amount of material being sent to landfill.



Advanced technologies and their application are key to recycling and reuse. Although facilities exist that employ automated sorting systems, magnetic separators, and other technologies to efficiently recover recyclable materials, being able to deal with material at source is often more cost effective, and minimizes transport costs, road emissions and avoids 'double handling'.



Changing industry perceptions

Companies working in the demolition and recycling industries have been quick to see how mobile material processing and handling equipment can aid their business operations. Playing a major part has been the development of compact tracked jaw crushers, scalper-screens, trommels and radial stockpiles, all being used to recycle construction and demolition materials. In addition, mobile pugmills have proved to be the ideal piece of equipment for dealing with asphalt, channeling what was waste back into highway construction.

These solutions are designed to benefit users, helping them to turn what was once a burdensome and difficult to deal with material into high quality aggregates and other valuable products, with processing and handling solutions developed in order to meet the needs of the modern contractor and recycling operation. Manufacturers have set out to build equipment to the highest standards that helps people in the field be more profitable, efficient and effective in what they do. Environmental efficiency has in most cases been incorporated into product development to minimize customers' carbon footprint and turning construction waste into reusable and/or resaleable products.

Modern and affordable crushing and screening

A typical application will see in the first instance, a compact – for ease of transport to and from site - tracked jaw crusher being fed the demolished or excavated material, usually by an excavator or loading shovel. Many modern compact jaw crushers are designed with a low environmental footprint, making them an ideal solution to meet the needs of a recycling contractor, rental fleet or inner-city demolition/recycling site. They often weigh around 60 to 65 tons (such as Screencore's XJ Dual-Power Crusher with other manufacturers compact crushers being of similar dimensions and weight) which means that they can be easily relocated without the need for permits. They are also designed to be both environmentally and acoustically friendly while delivering impressive throughput even on concrete with rebar.

Following crushing to -100mm, for example, the material is then fed into scalper/screener, often to produce 25mm, 50mm

and +50mm products. In addition, any ferrous metals such as rebar or wire, are easily removed for resale/recycling by the overband magnet on the discharge conveyor before being fed into a mobile screen. In many applications the 25mm material is generally used for pipe bedding; 50mm and +50mm directly as road subbase or as feed material for secondary crushing for concrete production, whilst the +50mm is used as drainage stone.

Getting to the material

Due to the easily transportable and modern nature of the equipment, contractors and rental fleets have found that the crusher and screen combination can be readily transported to where the material is. This means that the material can be processed where it originated, and generally where it is needed, resulting in no unnecessary emissions, material handling or transport costs. In addition, the local environment is not subject to unnecessary traffic disturbances, and the overall carbon footprint of the contract is dramatically reduced. Quick set up times, easily adjusted closed side settings, fuel efficiency and ease of transport are just some of the reasons that has seen contractors and recyclers adopt such mobile equipment.

Despite the excellence of the individual product ranges, to combine the attributes of precision screening and scalping with large material stockpiles, two pieces of equipment are required: a screener and a stockpiler. To overcome this, Screencore has introduced a development which combines stockpiling and scalping-screening, the Hi-Stak 125. The new solution comes from contractors having a requirement to produce high quality accurately sized aggregates and at the same time produce large material stockpiles. Mounted on tracks, the screener-stockpiler is able to go where the material is and follow the tracked crushers and screens.

For some operations, however, mobility is not essential. This has led to the development of ranges of bespoke stationary solutions, often based around a trommel screen working alongside stockpilers and scalpers. Many manufacturers offer a variety of customized stationary solutions tailored to suit individual applications with in-house design teams collaborating with customers to develop an efficient and long-lasting material handling system. These are often used in conjunction with air separation systems for use in both stationery and mobile plant. Engineered for plastic or 'lights' contamination removal from C&D, compost and mulch, they are available in diesel or electric power to suit customer requirements.

Low cost and low emissions

An increasing trend in these days of high fuel costs has been the focus given to both stationery and mobile equipment to be supplied with power solutions to suit requirements. Stationary, and increasingly mobile plants, are electrically powered which makes efficient and cost-effective use of mains electricity to provide a low cost and low emission solution. Mains electricity has proved to be an ideal power source delivering a cost effective and environmentally efficient solution. Through the use of this power source, precision processing of materials is accomplished without producing the emissions that would be of concern, and at the same time, at a low cost.

Top performance. For the environment and your bottom line.

MOBIREX MR 130 PRO



MR 130 PRO



 **SPECTIVE**
CONNECT

Performance, precision and sustainability. The MOBIREX MR 130 PRO mobile impact crusher excels with outstanding performance in a diverse range of applications. With its double-deck post screening unit, the plant ensures top product quality with up to two graded end-products, while achieving impressive throughput rates of up to 600 t/h in natural stone and recycling. The all-electric E-DRIVE is not only efficient, it can also be operated with zero local emissions. Operation is intuitive thanks to SPECTIVE components. The MOBIREX MR 130 PRO – the sustainable powerhouse.



 www.wirtgen-group.com/mr-130i-pro-kleemann

Solving Damp Material Challenges at Daniel Charles Aggregates

Damp and cohesive material remains one of the most persistent challenges in aggregate processing. While jaw crushers are widely used in primary applications, their performance can be significantly affected by elevated moisture levels, leading to bridging, chamber packing and unplanned downtime. For producers operating year-round, these issues can place serious constraints on productivity and cost control.

This was the situation faced by Daniel Charles Aggregates, where an existing jaw crusher struggled to process consistently damp material. They had been hiring an impact crusher during wetter periods, the machine frequently choked, requiring regular manual intervention to clear blockages. Throughput became unpredictable, maintenance demands increased, and production planning was increasingly influenced by weather conditions rather than market demand.

To address the issue, the company looked for other options and found the Eggersmann Impaktor 250. Designed to handle difficult and cohesive material streams, the machine uses high-energy impact rather than compression, allowing material to flow freely through the crushing chamber even when moisture content is elevated.

The change delivered immediate improvements. Damp material that had previously caused repeated stoppages was processed consistently, with stable throughput maintained regardless of weather conditions. Operators reported smoother material flow, fewer interruptions and a significant reduction in unplanned downtime.

According to James Clarke of Daniel Charles Aggregates:

The hired in impact crusher was great in the summer but struggled especially in wet conditions. Since installing the Impaktor 250, blockages have effectively disappeared and throughput is far more consistent, regardless of moisture levels."

From a commercial perspective, the improved reliability translated into higher plant availability and more predictable operating costs. By removing moisture-related disruption from the process, the Impaktor 250 has eliminated a critical bottleneck and delivered a more resilient crushing solution.

This application demonstrates that, when specified correctly, impact crushing can provide a practical and robust alternative to traditional jaw crushers and impact crushers in damp aggregate environments.



MDS at 30: Building on a Legacy, Engineering the Future

MDS®, a global leader in specialist screening equipment, has recently achieved 30 years in business. What began in a repurposed farm shed in rural Ireland has grown into a globally recognised manufacturer of heavy-duty rock and environmental trommels, machines relied upon in some of the toughest material processing applications. Three decades on, the values that defined those early days, ingenuity, resilience, and a commitment to ‘doing things properly’, remain central to the business as it looks towards the future.



MDS factory Carrickmacross



L-R: Steven Keenan General Manager at MDS and Liam Óg Murray, Regional Sales Manager

From Rural Roots to Global Recognition

The MDS story began in 1995 when Liam Murray and his wife Una established a small fabrication business aimed at meeting local needs. In those formative years, the couple produced everything from Christmas tree stands to agricultural equipment, GAA turnstiles and robotic systems. The work was diverse, the tools were modest, and the hours were long, but the foundation was built upon practical engineering solutions built to last.

This resourceful spirit set the stage for a major turning point. In 2014, MDS unveiled its first rock trommel, marking a shift from subcontracting to specialised OEM manufacturing. The

M515 mobile rock trommel, now a flagship machine, emerged as the embodiment of two decades of hard-earned expertise. Soon, the compact M412 and M413 followed, extending the product line while retaining the original MDS DNA of strength, intelligence, and simplicity.

“With the M515, we realised we had a product the market genuinely believed in,” said Regional Sales Manager Liam Og Murray, who grew up in the workshop and has been part of the brand for much of his life. “That shift fundamentally changed our trajectory.”

A New Era Under Terex

In 2021, MDS entered a new phase with its acquisition by Terex, which amplified its global distribution footprint, particularly across Europe, while creating a platform for accelerated product development.

The M515 was relaunched with key updates to transportability, service access and stockpile capacity. In 2024, the M518R re-entered the market following a comprehensive redesign tailored to the recycling sector, from composting operations to municipal waste facilities.

Manufacturing capabilities have been significantly upgraded, including a new state-of-the-art paintshop featuring an advanced filtration system. This facility not only supports operator safety and environmental standards but elevates the quality and durability of every machine that leaves the factory.

“The past 30 years have been built on listening—really listening—to our distributors and customers,” said Liam Og. “Their feedback drives our development, and that philosophy will continue to guide MDS into the future.”

New Leadership

Guiding MDS into this next era is newly appointed General Manager, Steven Keenan. Having served as Engineering Manager for the past three years, and with experience spanning engineering, sales and crushing and screening technologies, Steven brings a blend of technical depth and strategic vision.

“As we enter our next chapter, strengthening our global distribution network will be a key focus,” he said. “I’m passionate about expanding our product offering and ensuring MDS continues delivering high-performance solutions that meet the evolving needs of our customers worldwide.”

His leadership marks a renewed emphasis on innovation, sustainability and global growth—priorities that will shape the growth of MDS in the years ahead.

Engineering Tomorrow: New Products for a Changing World

As the industry shifts toward greater sustainability, efficiency and circularity, MDS is responding with new technologies designed for modern challenges.

M515



The M615 Fully Electric Modular Trommel

The M615 is the first fully electric hydraulic modular trommel to be launched by MDS. Capable of processing up to 500 tonnes per hour and handling rock up to 750 mm (30"), it delivers powerful performance with zero engine emissions, lower operating costs and reduced noise. The M615 gives operators a practical way to reduce emissions without compromising the heavy-duty performance their jobs demand.

The Scrap Pro 400: Meeting the Rise in Metal Recovery

With recycling rates climbing and scrap yards facing increasing demand, the Scrap Pro 400 enters the market as a purpose-designed solution for abrasive and high-impact scrap materials. Engineered for reliability, its heavy-duty push feeder,

robust drum frame and advanced efficiency features such as auto reverse and variable drum speeds position it as a leader in metal recovery applications.

From Muckaway to Material Recovery

Across construction, demolition and waste sectors, the shift toward resource recovery is accelerating. MDS machines are enabling contractors to rethink how materials are processed, reused and diverted from landfill, turning traditional muckaway into an opportunity for cleaner, greener and more cost-efficient operations.

Models such as the compact M412 track trommel, the recycling-focused M518R, and the heavy-duty M515 are helping operators unlock value from historically overlooked materials. Whether dealing with sticky clay-bound waste, biomass, C&D or blasted rock, these machines contribute to safer sites, reduced disposal costs and progress toward sustainability targets.

Celebrating the Past, Investing in the Future

As MDS celebrates its 30-year milestone, the brand has come a long way since its humble beginnings yet is also firmly focused on what lies ahead. With a strengthened product portfolio, a growing global network, improved manufacturing capabilities and a leadership team ready to drive the next stage of growth, MDS will continue to engineer trommels that stand up to the world's toughest materials, while embracing the technologies, markets and environmental priorities that will define the next 30 years of global material processing.

Scrap Pro 400



A large industrial machine, an Eriez Eddy Current Separator, is shown in a blue and orange color scheme. It features a complex metal frame with yellow safety railings and stairs. The machine is composed of several large orange rectangular units mounted on a blue steel structure. The word "ERIEZ" is visible on the orange panels. The background shows a clear sky and some greenery.

YOUR PROVEN SOLUTION

Invest in the Best for Maximum Recovery

Eriez patented the world's first Eddy Current Separator in 1969. Today, our full range of recycling equipment can be found all over the globe, increasing recovery and maximising revenues.

Eriez. Always the Right Choice.

Eddy Current Separators from Eriez effectively remove nonferrous from automobile shredder residue (ASR), municipal solid waste (MSW), plastics, glass cullet, electronic scrap, and more.

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MAGNA brings High-Output Crushing Power to ConExpo 2026

MAGNA™, the Terex brand created to meet the demands of large-scale quarrying, mining, and recycling operations, will make its first appearance at CONEXPO-CON/AGG 2026, taking place March 3–7 at the Las Vegas Convention Center. Visitors can see MAGNA on the Terex stand in the Silver Lot, Booth SV2357, where the brand will showcase its flagship machine, the MT130J mobile jaw crusher.

“ConExpo 2026 is the ideal platform to showcase what MAGNA delivers for large-scale operations,” said Neil McIlwaine, Business Line Director for MAGNA. “We’re bringing the MT130J, the largest tracked jaw crusher in our range to date, to the industry’s biggest stage, demonstrating not only the power and efficiency of our equipment but the complete support package behind it to include digitalization and aftersales solutions.”

The MT130J has been engineered for high-output quarry and mining applications. Designed to operate as a standalone primary crusher or as part of a mobile or static crushing and screening plant, the MT130J offers flexibility and efficiency for producers seeking to maximise productivity.

For ease of transport between sites, the plant can be split down and reassembled without the need for heavy crane assistance, reducing downtime and costs. Its electrically driven power systems deliver significant cost advantages and environmental benefits, while the large 13000mm x 1000mm opening allows the crusher to handle oversized material, minimising pre-processing requirements.

Automatic variable speed VGF provides continuous choke feeding for optimal performance, and the high-powered electric drive delivers precise chamber controls and reverse functionality for clearing blockages and supporting demolition, asphalt, and recycling applications. T-Link telematics and a seven-year data subscription as standard provide operators real-time insights and connectivity.



In addition to showcasing cutting-edge equipment, MAGNA is backed by Terex Financial Services, offering tailored financing solutions designed to make large-scale investments more accessible. With deep industry expertise and strong relationships with a respected panel of funders, Terex Financial Services provides flexible packages aligned with customers' operational schedules and cash flow requirements.

“Since our successful Introduction Day in Nashville last year, we’ve significantly expanded our North American footprint with leading distributors and strengthened after-sales support through our new Terex Parts facility in Louisville, KY,” continued Neil McIlwaine.

“Just as important, we’re backed by Terex Financial Services, which provides tailored financing solutions that make investments of this scale achievable for our customers. Visitors to ConExpo 2026 are invited to meet with our team at the Terex booth in the Silver Lot, SV2357, where we can discuss how MAGNA combines innovation, reliability, and financial flexibility to help producers grow with confidence.”



Customer Service Excellence for 22 years

Celebrating 22 years of service excellence Harpscreen GB go from strength to strength playing an integral role in the transformation of the sector as the largest manufacturer of media for screening and recycling consumables.

Before Harpscreen came along in its current form quarry, plant owners and recycling companies would have to hold up production until a particular mesh or part could be ordered manufactured and delivered, resulting in costly down time and hugely inefficient working methods.

Approaching the issue from the perspective of the client, Harpscreen GB recognised the need to have parts in stock, so they could be ready to go at all times with the result that the end user could continue production uninterrupted.

Thanks to this unique selling point, Harpscreen GB is now the 'go-to' for clients in the UK and beyond who need a fast turnaround and who want to maximise their uptime.

But don't just take our word for it...

Harry Hughes, mechanical maintenance manager at Torr Works, Aggregates South, commented about the 'Harpscreen difference' saying: "We have been working with Harpscreen for some time now and approached them about the possibility of some cost saving options and they were very accommodating, coming out during weekend shutdown to measure up meaning production was not affected; a real plus for a busy production plant. As a result of working with Harpscreen we have managed to save our spend, allowing more budget for screen media."

Operations Director - Paul Blanchard, commented, "In the 18 years I have been with Harpscreen GB, our team's dedication to transform not just a business but an entire industry has been amazing." Enjoying the highs and lows of growing our turnover from £2m to £7.5m annually has been challenging and rewarding in equal measure. We have demonstrated that hard work and vision build leaders. We are number one in our field and ready to push on and conquer new markets in Europe, USA and Australia while standing proudly as a British manufacturer."

A few current hot topics easily explained by Harpscreen GB illustrating the strength and depth of the team behind Harpscreen GB:

Maximizing efficiency in aggregate screening: The power of mild steel and Hardox® punched plate.

When it comes to screening aggregates in the construction, quarrying and recycling industries, the type of screening media and material they are made from can make all the difference in durability, performance, and cost-efficiency.

When producing punched plates for screening applications there are two stand out materials used mild steel and Hardox® steel.

Here's why:

Mild Steel Punched Plate:

A more cost-effective solution

Mild steel is perfect for the applications with lower levels of abrasion or impact intensity and is most popular for its affordability. It is also more flexible than Hardox® material making it more manageable to roll/bend/fold when it comes to producing trommel screens.

Hardox® Punched Plate:

Durability and Wear Resistance

Hardox® stands out as a premium wear-resistant material and is ideal for high-impact and high abrasion conditions.

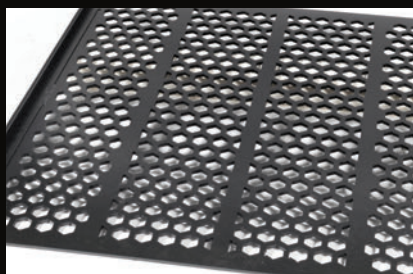
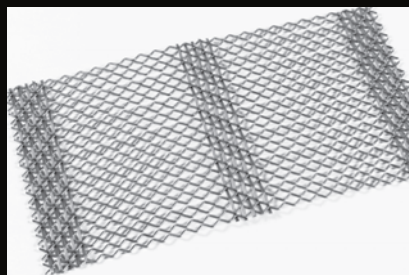
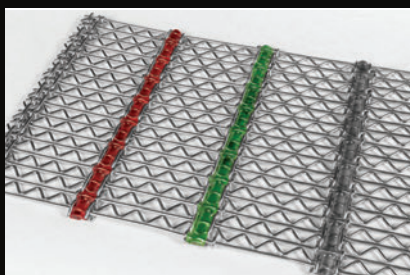
More suited to mobile/static incline screeners, Hardox® plates retain their strength and performance for a long time, reducing downtime, maintenance costs and improving overall operational efficiency.

Whether you are screening sand, gravel, or other aggregates, using the right material for your punched plate can enhance productivity, reduce downtime, and drive long-term savings.

Key benefits:

- Cost savings with mild steel
- Increased longevity and performance with Hardox®
- Optimized operational efficiency
- Reduced maintenance and downtime





What Are Piano Wire Screens?

Piano Wire Screens are composed of long, thin, highly tensioned wires, made from high-tensile steel or stainless steel.

The wires are arranged vertically and held in place by plastic profiles, which sit on the camber bars inside the screen box.

The name comes from their resemblance to the strings of a piano — slim, taut, and capable of vibrating independently.

Piano wire screens are particularly beneficial in sand screening operations for several reasons:

Anti-Clogging Properties

Fine or damp sand often causes standard woven wire screens to clog or blind, drastically reducing throughput. The flexible wires in piano screens vibrate independently, shaking off material and keeping the screening surface clean.

High Screening Efficiency

Their open area is typically higher than conventional woven screens, allowing more sand to pass through and therefore increasing overall screening capacity.

Durability and Wear Resistance

Made from high-tensile or stainless-steel wire, these screens can withstand the abrasive nature of sand better than many other types of screening media offering a longer lifespan under tough conditions.

Customization

Piano wire screens can be manufactured with variable spacing and wire diameters to match specific screening requirements.

Harscreen self-cleaning screening media

One of the most common challenges in aggregate screening is screening media blinding and clogging. Both of these issues can drastically reduce throughput, affect product quality, and increase downtime.

Harscreen self-cleaning screening media, or 'Flexis' are designed to maximise screen performance but reducing material build up and minimising maintenance.

Unlike traditional woven wire, Harscreen self-cleaning screens incorporate flexible wires that move independently under vibration. This movement allows the media to shed sticky, wet, or fine materials that would otherwise clog standard screens.

Our standard self-cleaning screens are made up of a combination of straight, rigid wires and zig-zag wires to create a triangular shaped pattern that prevents fines from settling to produce a more precise, clean product.

Our diamond type self-cleaning screens feature diamond-shaped openings making them highly effective when screening more difficult to screen materials.

Available in high-tensile and stainless-steel wire, both standard and diamond type can also be manufactured with polyurethane cross wires which further reduces the amount of buildup that may occur with wire cross wires.



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HS2 Plant Manager thrilled with STARCLEAN® belt cleaner performance

The challenge

A batching plant tasked with feeding the HS2 project regularly produces around 10,000m³ of concrete a month for tunnel segments.

The plant was purpose-built in 2022, and whilst featuring some of the latest tech available, the age-old issue of carryback on conveyors was still a drain on site resources.

The two belt conveyors came equipped with OEM scrapers. These worked well initially, but the blades quickly became overwhelmed with material - rendering the scrapers ineffective. Consequently, material would adhere to the belt, resulting in around 4 wheelbarrows of carryback forming in piles under the belts every week.

Operators were required to spend around 30 minutes every week clearing carryback, and around 45 minutes every two weeks after their shift maintaining scrapers. All of which took a toll on their wellbeing.

ConSpare's solution: STARCLEAN® belt cleaners

ConSpare recommended replacing the OEM scrapers with STARCLEAN® belt cleaners. In addition to an excellent cleaning performance, STARCLEAN® has a user-friendly design so staff can quickly and safely carry out maintenance, keeping downtime to a minimum.

With STARCLEAN® there has been almost a 90% reduction in maintenance requirements. Operators can disengage, quickly brush down and re-tension the scraper just once a month as part of planned maintenance - taking only 10 minutes.

Carryback levels have also reduced significantly. Now, just 1



wheelbarrow is cleared every 8 weeks, taking only 10 minutes. In the year since installation, this equates to an annual saving of +180 wheelbarrows and 36 hours in maintenance and clean-up.

Also, the STARCLEAN® blades have remained virtually untouched by wear in the first year of operation. During the first annual service visit, our engineer observed less than 2% of wear to the tips. Within this period, an estimated 100,000m³ of concrete has been produced. A testament to STARCLEAN®'s durability.

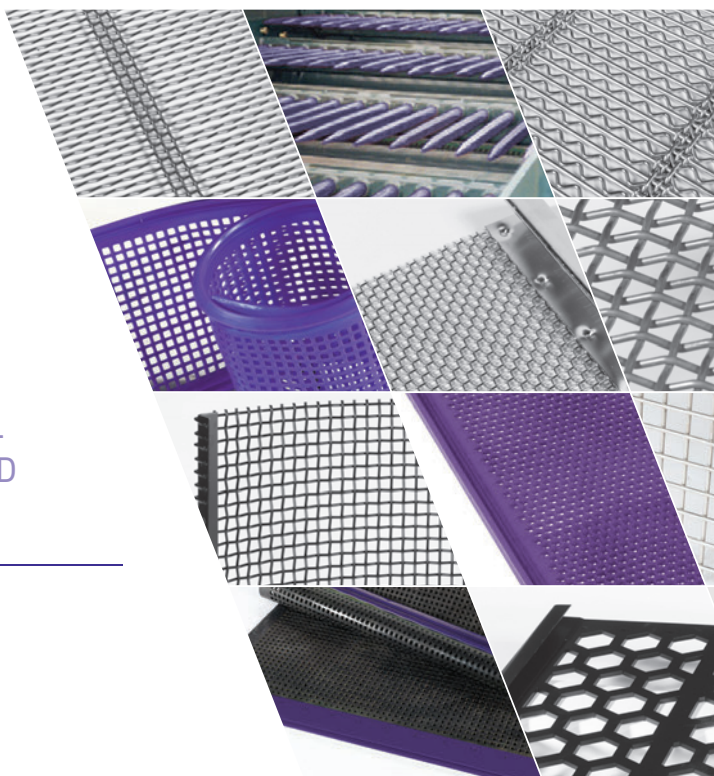
"I'm happy with the results, ConSpare really know their stuff. STARCLEAN®'s simple design is what sold me, they're so easy to maintain and more importantly, they work." - The Plant Manager

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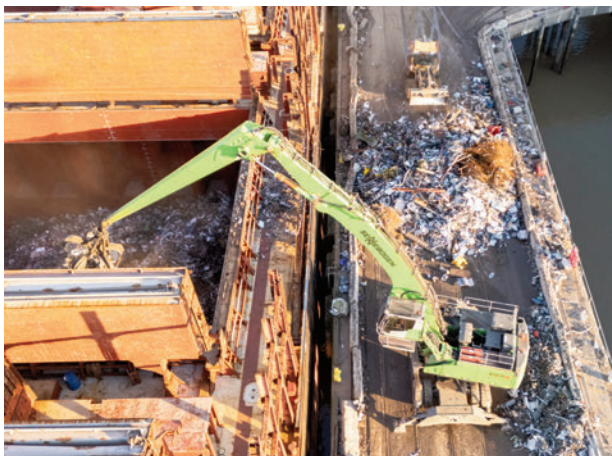
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QUARRY SCREENS & RECYCLING

Ripley expands Global Scrap Operations with London Terminal



H.Ripley & Co is one of the UK's leading scrap metal processors and exporters. A highly respected fourth-generation family business, they have five sites located at Hailsham, Hastings and Newhaven in East Sussex as well as two at Ashford in Kent.

The company has successfully expanded over the decades on delivering a highly professional, innovative and customer-focused approach. The regional depots receive scrap metal and materials from a wide variety of sources including householders and multi-national companies, processing it to a high level before it is shipped to some of the world's largest metal refiners in the UK, Germany, Italy, Spain, France, India and the Far East, amongst other locations.



Their sister company, Ripley Auto Spares Limited, delivers a class leading service dealing with end of life cars and vans salvaging much of the useable parts before carefully stripping and recycling the remainder of the vehicles.

Already using coasters to carry bulk loads of material from their facility at Newhaven to various ports around the UK for onward shipping, the company wanted to expand this service cutting out the middleman and shipping direct to processors around the world. "We looked across the South East coastline for potential sites suitable of taking deepwater vessels." Director Simon Ripley commented. "Our search eventually found a suitable site on the banks of the Thames at Gravesend which was part of the Thames Tideway project. With Tideway completed, and the site becoming available, we agreed a deal with the owners in early 2023 and quickly started delivering processed scrap to the site later that year. We already had contacts with many of the processing plants in Europe and North Africa who were happy to take our smaller quantities of material. When we were very receptive when we informed them of our expansion plans and following detailed discussions, we secured deals to supply sites in Turkey, Egypt and Morocco with high quality scrap metals. This was the beginning of our new venture supporting the rest of the Ripley business: London Scrap Terminal."

The quick turnaround from setting up at Gravesend to getting the first vessel loaded and dispatched was testament to the company's organisation and the respect they are held in within the industry.

Already operating a large fleet of material handlers, the company required something a little larger than their standard 30-40 tonne machine already in use. "We have been using Sennebogen material handlers for several years and have found them to be extremely durable and an ideal machine for our works." Simon comments. "Whilst we spoke to other manufacturers, our relationship with the Sennebogen brand goes back a very long way."

The UK's Sennebogen dealer is Avonmouth based Molson Group and it was Brian Albiston, their very experienced Material Handling and Port Salesman who put together a package for the new venture. "We have been dealing with Brian for almost as long as we've been purchasing Sennebogen." Simon commented. "He has a wealth of industry knowledge and is an absolute professional when it comes to providing a comprehensive package designed to suit our requirements."

Whilst the 30-40 tonne material handlers were ideal for the day to day operations at their recycling centres, London Scrap Terminal required something a little larger. Already experienced in efficiently loading 4-4500 tonne coasters, the vessels coming into their new terminal would more than quadruple the capacity of each vessel. This means the material needs to be handled efficiently and safely to ensure a quick turnaround. To achieve this, Brian suggested that a pair of Sennebogen 865E Hybrid material handlers would be the ideal solution for the terminal.

With an operating weight of around 110 tonnes depending on the exact specification. Like many of the Straubing manufactured range, the 865E can be configured with a range of undercarriage, boom, stick and cab options allowing it to be tailored to work in a range of applications and materials.

Powered by a huge 6-cylinder Cummins X12 diesel engine which develops 261kW, the StageV engine is said to be extremely efficient in operation and provides the two 475 litre hydraulic pumps with ample power to push hydraulic fluid around the huge machine. Sennebogen's Hybrid system uses a nitrogen accumulator to store energy generated when lowering the boom to reduce the load on the engine and reduce fuel consumption when raising the boom again.

The 865E Hybrid sits on a large, heavy duty MP80 two-axle undercarriage with four, independently controlled outriggers designed to keep the machine stable whilst throwing material into the hold of the visiting vessels. The undercarriage sits on four large 26.5-25 single tyres covered with sturdy chequer plate mudguards to provide protection from any falling material. With a length of over 7.8m and, with the outriggers on the ground, a width of over 6.7m, the Sennebogen sits centrally on the narrow pier to load the vessels. "We would have liked to have three material handlers loading simultaneously." Simon comments.

"But as we have to load the material up on each end of the pier, we would be unable to access a centrally located machine."

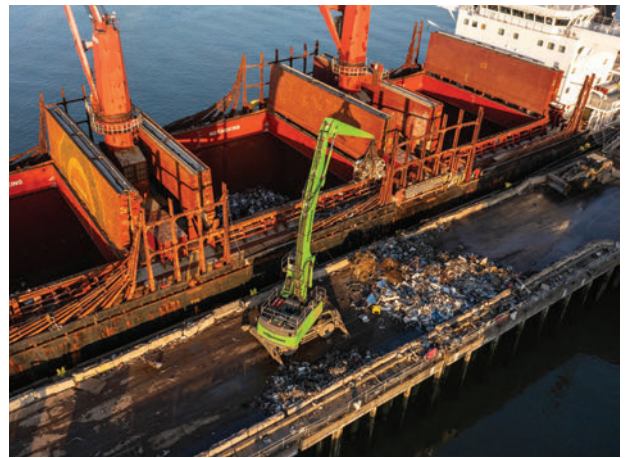
The huge upper structure conceals the Cummins and provides very efficient soundproofing to the machine resulting in a very quiet operating environment. The large upper structure also makes for safe and simple access to the engine, cooling system and hydraulic system when maintenance work is undertaken. The two 865Es have been supplied with an E270 cab elevation which carries a standard Maxcab. The Maxcab raises from the lowest position a further 3m into the air offering an impressive sight



line for the operator of almost 7m off the ground. Inside the cab the operator is well catered for with a comfortable working environment. The usual Bluetooth and USB connections, air conditioning and heated, suspended seat are all fitted in the large, spacious cab. Hydraulic servo joysticks offer precision control for the operator when picking material off the quayside. A full suite of LED working lights gives the operator a clear view of the working area during the darker days. To ensure the constant stability of the material handler, Sennebogen install a load moment indicator which monitors the weight in the attachment and the position of the boom and stick. The system will shut the machine down instantly should it detect the machine is moving away from its safe working zone.

There is a huge choice of material handling equipment for potential 865E purchasers to choose from. For this application, Simon has chosen the B24 Port handling equipment which allows each machine to reach almost to the furthest extent of the holds on each vessel. "We load the material across the hold as close to a level as we can with the Sennebogen," Simon comments. "We then lower a loader into the hold to trim the material to ensure we reach our maximum capacity each and every time." At the end of the 12m grab stick sits a Sennebogen manufactured five-tine, orange peel grab with a capacity of 3m³.

Pre-loading the pier with 2000 tonnes of carefully selected material gives the material handlers a good start on each vessel whilst a fleet of trucks steadily ferry material from the holding area to the pier. "We are very careful to select the right quality of material," Simon commented. "Offering a higher quality material means we receive a higher financial return and also means the end processor will return to us as opposed to going elsewhere for a slightly inferior quality which costs more to process."



Since the terminal opened at the end of October 2023, the company have successfully dispatched almost one vessel per month. Steadily transporting the pre-processed, clean material from the holding area, the trucks tip out around 30 tonnes of material at a time. Each Sennebogen is attended by a wheeled loader who assists in keeping the piles tidy and ensures the material handler obtains a full grab of metal each and every time.

"We have been a Sennebogen customer for many years and find their products to be reliable and efficient," Simon commented. "Our first machine successfully turned over 20,000 hours giving us a good insight into the reliability of the brand. Whilst the intervening years have seen us try other manufacturer's products, we have always gone back to Sennebogen. Both Brian and the Molson team have provided us with excellent service throughout our years of dealing with them. We need reliability when it comes to loading the ships and the Sennebogens give us just that."



Tru Mix Champions Concrete Innovation

First UK deployment of Liebherr's modular batching plant sets new standards in concrete production.



Kesgrave-based Tru Mix, part of the expanding Tru7 Group, has once again demonstrated its commitment to innovation and quality by becoming the first UK company to install the new modular Liebherr Mobilmix batching plant platform.

Since entering the ready-mixed concrete market in 2020, Tru Mix has rapidly grown from a single 0.5m³ batching plant to operating two state-of-the-art Liebherr Mobilmix plants and a fleet of 15 HTM 905 drum mixers. The latest addition, located at the Hadleigh Road Industrial Estate in Ipswich, marks a significant milestone in the company's expansion.

In July 2023, Tru7 Chairman Guy Nicholls, met with Liebherr Great Britain's Simon Cook and Adam Wilcox as well as Markus Stocker from Liebherr-Mischtechnik GmbH in Germany, to discuss replacing the aging batching plant at the Hadleigh Road site. With footprint and flexibility as key considerations, the team explored the then, recently launched Mobilmix modular system. A tailored layout was developed, leveraging the platform's flexible design and compact footprint.

The selected configuration includes four aggregate compartments, a 2.5m³ twin-shaft mixer, and two 100-tonne cement silos. The plant was ordered in January 2024 and delivered in early June of the same year, with installation and commissioning completed shortly thereafter. It is now producing high-quality concrete daily, supported by Liebherr's dedicated service team.

To meet planning constraints and ensure the plant can tolerate low winter temperatures, it has been insulated and clad in durable panels all supplied from Liebherr's German production facility.



An additional optional feature on the Tru Mix plant is the 'Collects Chute', which allows the batcher to automatically position a funnel-like chute under the mixer discharge cone. This enables customers collecting orders on flatbed vehicles to avoid 'concrete splash' during loading.

Mobilmix - Key Features

- Modular construction system for customised configurations and rapid setup
- High parts availability with standardised components
- Optional 4m³ twin-shaft mixer for high throughput
- Energy-efficient drive technology reducing power consumption by up to 30%
- Improved weighing accuracy, saving up to 8 kg of cement per m³
- Digital integration with Liebherr Connect for real-time monitoring and predictive maintenance
- Compact footprint suitable for urban and space-constrained sites

The new plant is operated by experienced batcher Michael Crick, "This is the first Liebherr plant I've used." He comments. "It's taken a little getting used to and a little time to dial in, but once we had it sorted, it's been a wonderful plant. You know you are going to get an accurate mix each and every time and it's also very quick which is great when you start first thing or have a big pour on the go."

With the new Mobilmix platform, Tru Mix continues to set benchmarks in the UK concrete industry. The combination of Liebherr's engineering excellence and Tru Mix's forward-thinking approach ensures a robust, sustainable, and high-performance solution for modern construction demands.



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